

IDAHO OIL AND GAS CONSERVATION COMMISSION OPEN MEETING CHECKLIST

FOR MEETING DATE: June 13, 2018

Regular Meetings

| | |
|----------|---|
| 5/30/18 | Notice of Meeting posted in prominent place in IDL's Boise Headquarters office five (5) calendar days before meeting. |
| 5/30/18 | Notice of Meeting posted in prominent place in IDL's Coeur d'Alene Headquarters office five (5) calendar days before meeting. |
| 5/30/18 | Notice of Meeting posted in prominent place at meeting location five (5) calendar days before meeting. |
| 5/30/18 | Notice of Meeting emailed/faxed to list of media and interested citizens who have requested such notice five (5) calendar days before meeting. |
| 5/30/18 | Notice of Meeting posted electronically on the OGCC public website https://ogcc.idaho.gov/ five (5) calendar days before meeting. |
| 6/8/18 | Agenda posted in prominent place in IDL's Boise Headquarters office forty-eight (48) hours before meeting. |
| 6/8/18 | Agenda posted in prominent place in IDL's Coeur d'Alene Headquarters office forty-eight (48) hours before meeting. |
| 6/8/18 | Agenda posted in prominent place at meeting location forty-eight (48) hours before meeting. |
| 6/8/18 | Agenda emailed/faxed to list of media and interested citizens who have requested such notice forty-eight (48) hours before meeting. |
| 6/8/18 | Agenda posted electronically on the OGCC public website https://ogcc.idaho.gov/ forty-eight (48) hours before meeting. |
| 12/18/17 | Annual meeting schedule posted – Director's Office, Boise and Staff Office, CDA |
| 3/16/18 | • Revised Annual meeting schedule posted – Director's Office, Boise and Staff Office, CDA |
| 4/24/18 | • 2 nd Revised Annual meeting schedule posted – Director's Office, Boise and Staff Office, CDA |

Special Meetings

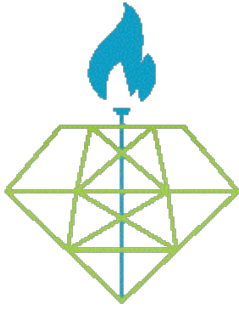
| | |
|--|--|
| | Notice of Meeting and Agenda posted in a prominent place in IDL's Boise Headquarters office twenty-four (24) hours before meeting. |
| | Notice of Meeting and Agenda posted in a prominent place in IDL's Coeur d'Alene Headquarters office twenty-four (24) hours before meeting. |
| | Notice of Meeting and Agenda posted at meeting location twenty-four (24) hours before meeting. |
| | Notice of Meeting and Agenda emailed/faxed to list of media and interested citizens who have requested such notice twenty-four (24) hours before meeting. |
| | Notice of Meeting and Agenda posted electronically on the OGCC public website https://ogcc.idaho.gov/ twenty-four (24) hours before meeting. |
| | Emergency situation exists – no advance Notice of Meeting or Agenda needed. "Emergency" defined in Idaho Code § 74-204(2). |

Executive Sessions *(If only an Executive Session will be held)*

| | |
|--|--|
| | Notice of Meeting and Agenda posted in IDL's Boise Headquarters office twenty-four (24) hours before meeting. |
| | Notice of Meeting and Agenda posted in IDL's Coeur d'Alene Headquarters office twenty-four (24) hours before meeting. |
| | Notice of Meeting and Agenda emailed/faxed to list of media and interested citizens who have requested such notice twenty-four (24) hours before meeting. |
| | Notice of Meeting and Agenda posted electronically on the OGCC public website https://ogcc.idaho.gov/ twenty-four (24) hours before meeting. |
| | Notice contains reason for the executive session and the applicable provision of Idaho Code § 74-206 that authorizes the executive session. |

Kourtney Romine
 RECORDING SECRETARY

6/8/18
 DATE



IDAHO OIL AND GAS CONSERVATION COMMISSION

Kevin Dickey, Chairman
Marc Shigeta, Vice Chairman
Dr. Renee Breedlovestrout, Commissioner
Jim Classen, Commissioner
David Groeschl, Commissioner

Mick Thomas, Secretary to the Commission

NOTICE OF PUBLIC MEETING JUNE 2018

The Idaho Oil and Gas Conservation Commission will hold a Regular Meeting on **Wednesday, June 13, 2018** at the **State Capitol, House Hearing Room (EW42), Lower Level, East Wing, 700 W Jefferson St., Boise, Idaho**. The meeting is scheduled to begin at **10:00 am (MT)**.

Please note meeting location and time.

This meeting will be streamed live via audio at this web site address <http://idahoptv.org/insession/other.cfm>

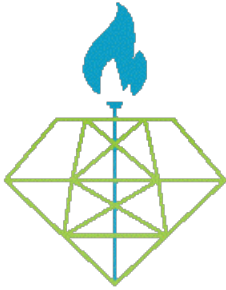
IDAHO OIL & GAS
CONSERVATION COMMISSION

First Notice Posted: 5/30/2018-IDL Boise; 5/30/2018-IDL CDA

The Idaho Oil and Gas Conservation Commission is established by Idaho Code § 47-314.

Idaho Department of Lands, 300 N 6th Street, Suite 103, Boise ID 83702

This notice is published pursuant to § 74-204 Idaho Code. For additional information regarding Idaho's Open Meeting law, please see Idaho Code §§ 74-201 through 74-208.



IDAHO OIL AND GAS CONSERVATION COMMISSION

Kevin Dickey, Chairman
Marc Shigeta, Vice Chairman
Dr. Renee Breedlovestrout, Commissioner
Jim Classen, Commissioner
David Groeschl, Commissioner

Mick Thomas, Secretary to the Commission

Final Agenda

Idaho Oil and Gas Conservation Commission Regular Meeting

June 13, 2018 – 10:00 AM (MT)

State Capitol, House Hearing Room (EW42), Lower Level, East Wing, 700 W Jefferson St., Boise, Idaho

Please note meeting time and location.

- **ANNOUNCEMENTS**

Public comment will be taken on agenda items 4 and 5.

- 1. **Division Administrator's Report**

- A. Financial Update
- B. Current Oil and Gas Activity
- C. Status Update
 - i. Oil and Gas Royalty Audit
 - ii. Docket No. CC-2017-OGR-01-002 – Kauffman Complaint
 - iii. OGCC Meeting Dates Change

- **CONSENT (ACTION)**

- 2. **Approval of Minutes** – Amendment of March 14, 2018 Final Minutes – Regular Meeting (Boise)

- 3. **Approval of Minutes** – April 11, 2018 – Regular Meeting (Payette)

- **INFORMATION**

- 4. **Bureau of Land Management Leasing Status in Southwest Idaho** – *Presented by Mick Thomas, Division Administrator – Oil and Gas*

- 5. **Operator Compliance with Monthly Reporting Forms** – *Presented by Mick Thomas, Division Administrator – Oil and Gas*

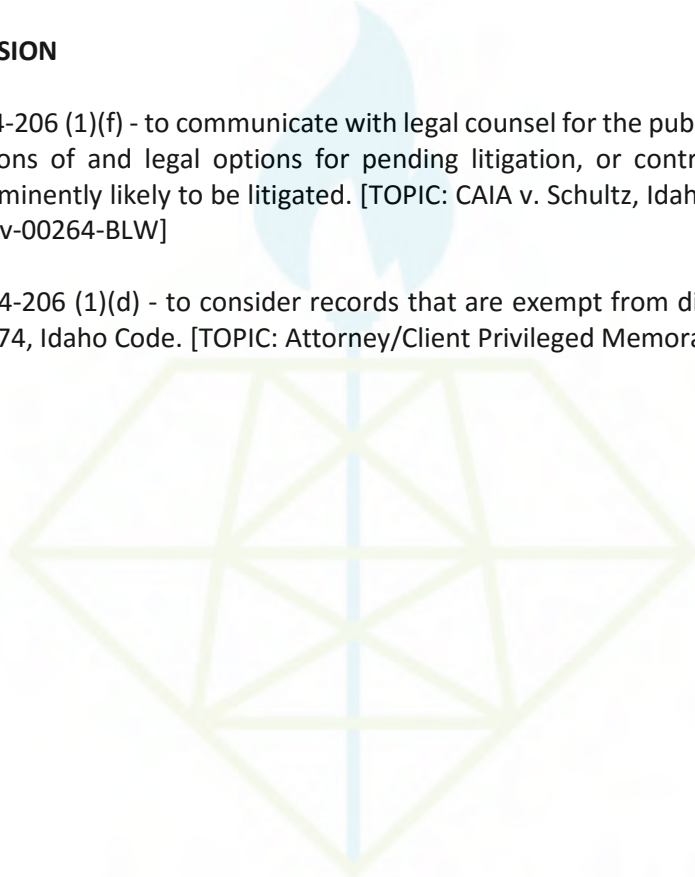
Idaho Oil and Gas Conservation Commission
Final Agenda
Regular Meeting (Boise) – June 13, 2018
Page 1 of 2

- **REGULAR (ACTION)**

6. **Operator Records Examined in Response to March 14, 2018 Commission Request as per Idaho Code § 47-315** – Presented by Mick Thomas, Division Administrator – Oil and Gas

- **EXECUTIVE SESSION**

- A. Idaho Code § 74-206 (1)(f) - to communicate with legal counsel for the public agency to discuss the legal ramifications of and legal options for pending litigation, or controversies not yet being litigated but imminently likely to be litigated. [TOPIC: CAIA v. Schultz, Idaho Federal District Court Case No. 1:17-cv-00264-BLW]
- B. Idaho Code § 74-206 (1)(d) - to consider records that are exempt from disclosure as provided in chapter 1, title 74, Idaho Code. [TOPIC: Attorney/Client Privileged Memorandum]



IDAHO OIL & GAS CONSERVATION COMMISSION



Idaho Statutes

TITLE 74 TRANSPARENT AND ETHICAL GOVERNMENT CHAPTER 2 OPEN MEETINGS LAW

74-206. Executive sessions — When authorized. [effective until July 1, 2020] (1) An executive session at which members of the public are excluded may be held, but only for the purposes and only in the manner set forth in this section. The motion to go into executive session shall identify the specific subsections of this section that authorize the executive session. There shall be a roll call vote on the motion and the vote shall be recorded in the minutes. An executive session shall be authorized by a two-thirds (2/3) vote of the governing body. An executive session may be held:

- (a) To consider hiring a public officer, employee, staff member or individual agent, wherein the respective qualities of individuals are to be evaluated in order to fill a particular vacancy or need. This paragraph does not apply to filling a vacancy in an elective office or deliberations about staffing needs in general;
 - (b) To consider the evaluation, dismissal or disciplining of, or to hear complaints or charges brought against, a public officer, employee, staff member or individual agent, or public school student;
 - (c) To acquire an interest in real property which is not owned by a public agency;
 - (d) To consider records that are exempt from disclosure as provided in [chapter 1, title 74](#), Idaho Code;
 - (e) To consider preliminary negotiations involving matters of trade or commerce in which the governing body is in competition with governing bodies in other states or nations;
 - (f) To communicate with legal counsel for the public agency to discuss the legal ramifications of and legal options for pending litigation, or controversies not yet being litigated but imminently likely to be litigated. The mere presence of legal counsel at an executive session does not satisfy this requirement;
 - (g) By the commission of pardons and parole, as provided by law;
 - (h) By the custody review board of the Idaho department of juvenile corrections, as provided by law;
 - (i) To engage in communications with a representative of the public agency's risk manager or insurance provider to discuss the adjustment of a pending claim or prevention of a claim imminently likely to be filed. The mere presence of a representative of the public agency's risk manager or insurance provider at an executive session does not satisfy this requirement; or
 - (j) To consider labor contract matters authorized under section 67-2345A [\[74-206A\]](#)(1)(a) and (b), Idaho Code.
- (2) The exceptions to the general policy in favor of open meetings stated in this section shall be narrowly construed. It shall be a violation of this act to change the subject within the executive session to one not identified within the motion to enter the executive session or to any topic for which an executive session is not provided.
- (3) No executive session may be held for the purpose of taking any final action or making any final decision.

History:

[74-206, added 2015, ch. 140, sec. 5, p. 371; am. 2015, ch. 271, sec. 1, p. 1125.]



IDAHO OIL & GAS CONSERVATION COMMISSION

**Oil and Gas Regulatory Program
Activities Report as of May 31, 2018
Fund 0075-14 Oil and Gas Conservation Fund Cash Flow Report**

| | | Current Month | Year-to-Date |
|--|------------|------------------|--------------|
| Beginning Cash Balance 7/1/2017 | 230,174.75 | | |
| Permits | | 5,600.00 | 16,540.00 |
| *Severance Tax | | 9,032.92 | 116,792.53 |
| Refund (previous year) | | 0.00 | 0.00 |
| Other (transfer to GF) | | 0.00 | 0.00 |
| Total | | 14,632.92 | 133,332.53 |
| Personnel Expenditures | | (6,682.57) | (17,131.11) |
| Operating Expenditures | | (52.83) | (18,056.92) |
| P-Card Liability to be paid | | | 0.00 |
| Ending Cash Balance 5/31/2018 | | | 328,319.25 |

*The Idaho Tax Commission transfers 60% of the 2.5% Severance Tax to Fund 0075-14 Oil and Gas Conservation Fund to defray the expense of the Oil and Gas Commission.

General Fund Regulatory Program Expenditures Report

Prior Year Encumbrances from General Fund

| | | Appropriation Held Over from FY17 | Current Month | Year-to-Date | Balance |
|--------------------------------|-----------|---|------------------|--------------|---------|
| CTR17420-01 | | | | | |
| GWPC - Ground Water Protection | 20,000.00 | | 0.00 | 20,000.00 | 0.00 |

Expenditures from General Fund FY18

| | | Appropriation | Current Month | Year-to-Date | Balance |
|---------------------------|------------|---------------|------------------|--------------|------------|
| PCA 55000 Expenses | | | | | |
| PC | 432,100.00 | | 36,451.63 | 366,698.22 | 65,401.78 |
| OE | 102,000.00 | | 3,722.37 | 63,839.90 | 38,160.10 |
| CO | 0.00 | | 0.00 | 0.00 | 0.00 |
| Total | 534,100.00 | | 40,174.00 | 430,538.12 | 103,561.88 |

Dedicated Fund Regulatory Program Expenditures Report

Expenditures from Dedicated Fund FY18

| | | Appropriation | Current Month | Year-to-Date | Balance |
|---------------------------|------------|---------------|------------------|--------------|------------|
| PCA 55070 Expenses | | | | | |
| PC | 95,100.00 | | 6,682.57 | 17,131.11 | 77,968.89 |
| OE | 85,000.00 | | 52.83 | 16,809.92 | 68,190.08 |
| CO | 1,300.00 | | 0.00 | 1,247.00 | 53.00 |
| Total | 181,400.00 | | 6,735.40 | 35,188.03 | 146,211.97 |



Southwest Idaho Oil & Gas Activity Map



Legend

| | | | | |
|---------------------------------|--------------------------------------|-----------------------------------|----------------------|--------------------------|
| Active Oil and Gas Wells | | Inactive Oil and Gas Wells | | Township |
| Shut in Gas | Plugged and Abandoned (P&A) Gas Show | Sections | Counties | Surface Ownership |
| Producing - Multi Zone | Plugged and Abandoned | Bureau of Land Management | Idaho Mineral Estate | |
| Producing | APD Submitted | Highway | Approved Integration | |
| Permitted | Integration Request | | | |

| No. | US Well Number | Operator | Well Name | Status |
|-----|----------------|---------------|-----------------------|--------------|
| 1 | 11-075-20004 | AM Idaho, LLC | Espino #1-2 | Shut in |
| 2 | 11-075-20005 | AM Idaho, LLC | State #1-17 | Shut in |
| 3 | 11-075-20007 | AM Idaho, LLC | ML Investments #1-10 | Shut in |
| 4 | 11-075-20009 | AM Idaho, LLC | Island Capitol #1-19 | Shut in |
| 5 | 11-075-20011 | AM Idaho, LLC | Tracy Trust #3-2 | Shut in |
| 6 | 11-075-20013 | AM Idaho, LLC | White #1-10 | Shut in |
| 7 | 11-075-20014 | AM Idaho, LLC | Korn #1-22 | Shut in |
| 8 | 11-075-20020 | AM Idaho, LLC | DJS Properties #1-15 | Producing |
| 9 | 11-075-20022 | AM Idaho, LLC | ML Investments #2-10 | Recompletion |
| 10 | 11-075-20023 | AM Idaho, LLC | DJS Properties #2-14 | Shut in |
| 11 | 11-075-20024 | AM Idaho, LLC | Kauffman #1-34 | Producing |
| 12 | 11-075-20025 | AM Idaho, LLC | ML Investments #1-11 | Producing |
| 13 | 11-075-20026 | AM Idaho, LLC | ML Investments #1-3 | Producing |
| 14 | 11-075-20027 | AM Idaho, LLC | Kauffman #1-9 | Producing |
| 15 | 11-075-20029 | AM Idaho, LLC | ML Investments #2-3 | Producing |
| 16 | 11-075-20031 | AM Idaho, LLC | ML Investments #3-10* | Producing |
| 17 | 11-075-20032 | AM Idaho, LLC | Fallon #1-10* | Completed |
| 18 | 11-075-20033 | AM Idaho, LLC | Barlow #1-14* | Completed |
| 19 | | AM Idaho, LLC | Fallon #1-11* | Pending |
| | | | * confidential well | |

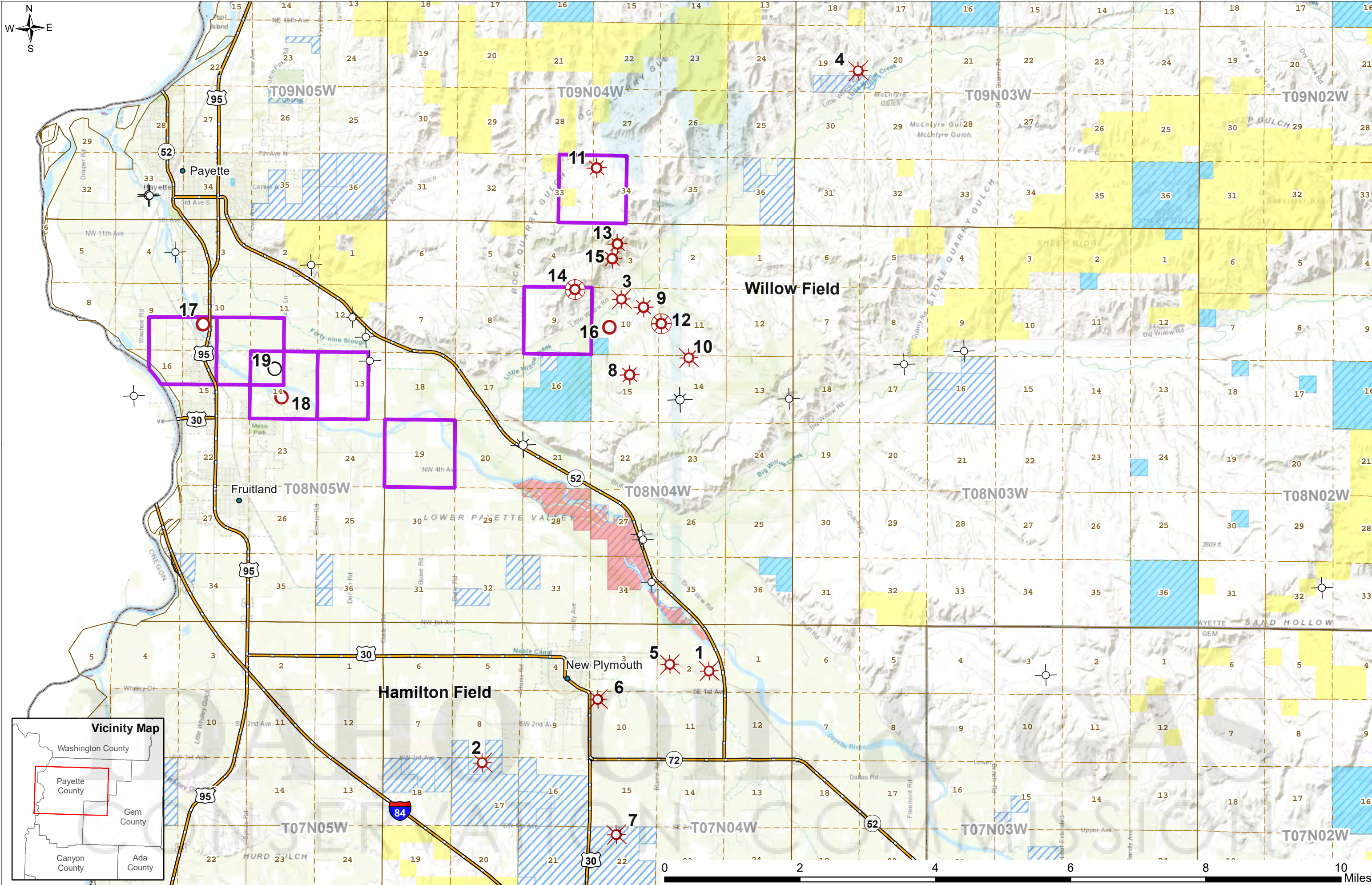
Map Notes and Data Sources

Inactive and Active Oil And Gas Wells through 6/4/2018

Data Sources: Idaho Department of Lands and Idaho Geological Survey

Disclaimer:

This map has been compiled using the best information available to the Idaho Department of Lands at the time and may be updated and/or revised without notice. In situations where known accuracy and completeness is required, the user has the responsibility to verify the accuracy of the map and the underlying data sources.









Eastern Idaho Oil & Gas Activity Map













Legend

Active Oil and Gas Wells





-  Shut in Gas
-  Producing - Multi Zone
-  Producing
-  Permitted

Inactive Oil and Gas Wells

-  Plugged and Abandoned (P&A) Gas Show
-  Plugged and Abandoned
-  APD Submitted

-  Approved Integration
-  Integration Request
-  2014 Seismic
-  BLM Nominations
-  IDL Nominations
-  Drill Site
-  Township
-  Sections
-  Counties
-  Highway

Surface Ownership

-  Bureau of Land Management
-  Idaho Fish and Game
-  Idaho Department of Land
-  Idaho Mineral Estate

| No. | US Well Number | Operator | Well Name | Status |
|-----|----------------|------------------|------------------------|-----------------------|
| 1 | 11-019-20011 | CPC Mineral, LLC | CPC Minerals LLC #17-1 | Plugged and Abandoned |
| 2 | 11-019-20014 | CPC Mineral, LLC | Federal #20-3 | Plugged and Abandoned |

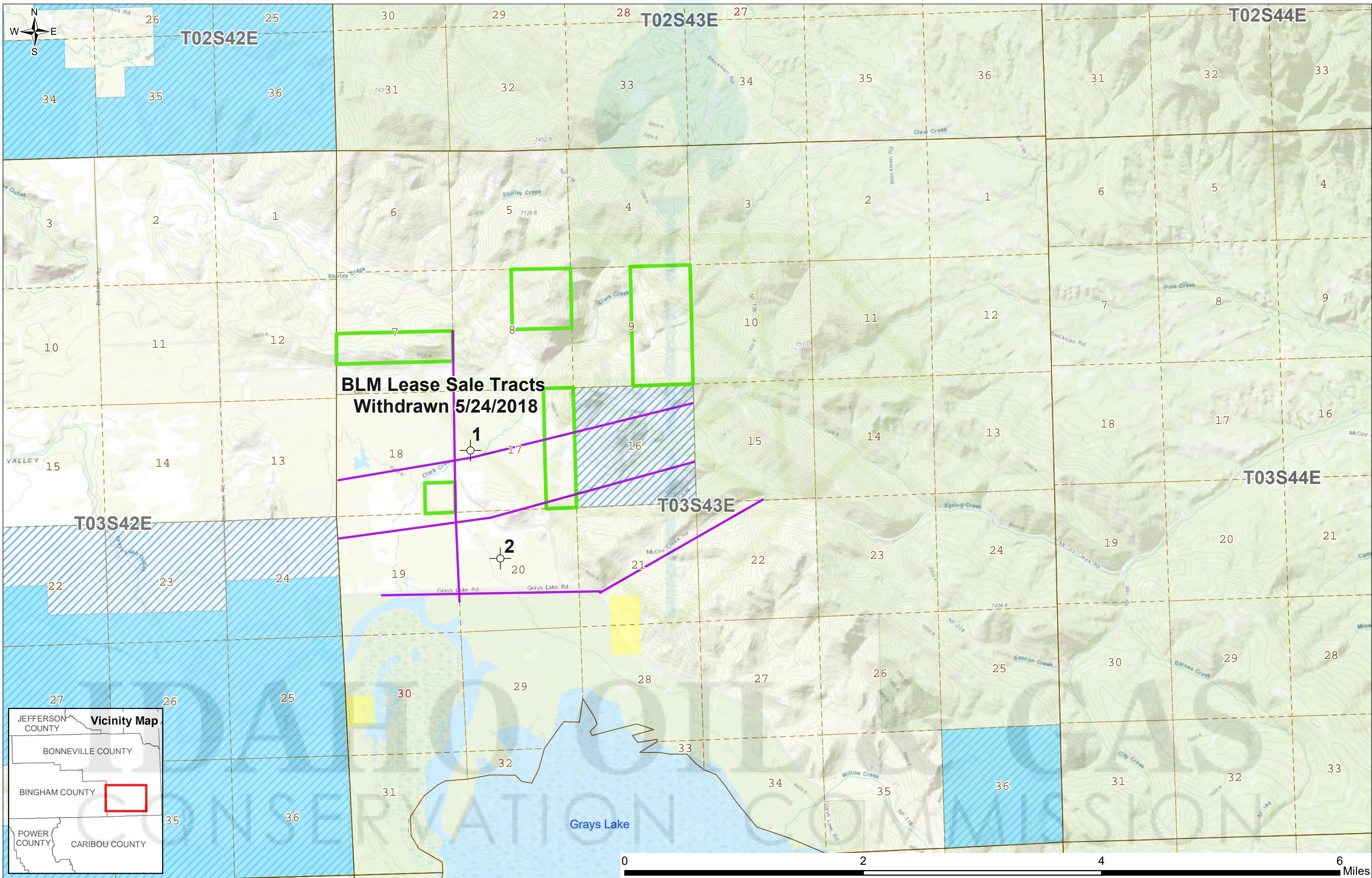
Map Notes and Data Sources

Inactive and Active Oil And Gas Wells through 6/4/2018

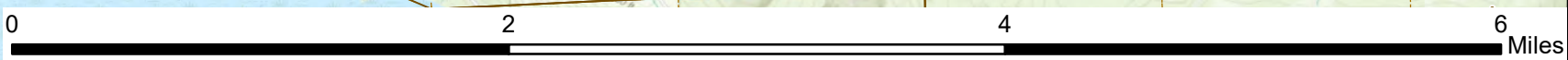
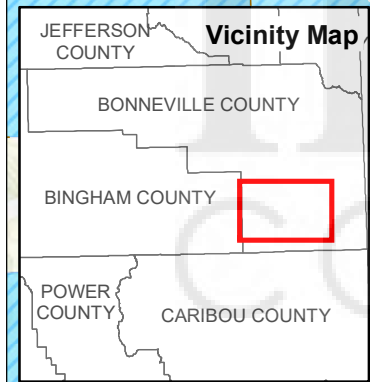
Data Sources: Idaho Department of Lands and Idaho Geological Survey

Disclaimer:

This map has been compiled using the best information available to the Idaho Department of Lands at the time and may be updated and/or revised without notice. In situations where known accuracy and completeness is required, the user has the responsibility to verify the accuracy of the map and the underlying data sources.



**BLM Lease Sale Tracts
Withdrawn 5/24/2018**



Division Administrator's Report

Item C

i. Oil and Gas Royalty Audit

The Oil and Gas Royalty Audit is tentatively scheduled to be presented and discussed at the July 2018 Land Board Meeting. We will be able to discuss the findings of the audit after that presentation.

ii. Docket No. CC-2017-OGR-01-002 - Kauffman Complaint

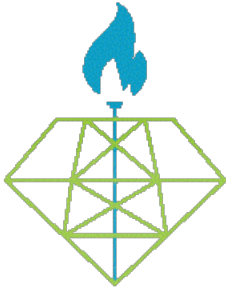
A second informal prehearing conference was held on Tuesday, June 12th, between the Kauffman's, Alta Mesa and the hearing officer. We do not have further information at this time.

iii. OGCC Meeting Date Changes

Beginning in August 2018 and for the remainder of CY2018, the OGCC meetings will be held on the second Wednesday of the month instead of the third Thursday of the month. The dates are scheduled as follows:

August 8th at 1:00pm (MT)
September 12th at 1:00pm (MT)
October 10th at 1:00pm (MT)
November 14th at 1:00pm (MT)
December 12th at 1:00pm (MT)

The July 19, 2018 meeting is still scheduled for the third Thursday of the month.



IDAHO OIL AND GAS CONSERVATION COMMISSION

Kevin Dickey, Chairman
Marc Shigeta, Vice Chairman
Dr. Renee Breedlovestrout, Commissioner
Jim Classen, Commissioner
David Groeschl, Commissioner

Mick Thomas, Secretary to the Commission

Draft Minutes - Amended
Idaho Oil and Gas Conservation Commission Regular Meeting
March 14, 2018

The regular meeting of the Idaho Oil and Gas Conservation Commission was held on Wednesday, March 14, 2018, in the Borah Building, 2nd Floor Courtroom (Room 214), 304 N. 8th St. (at Bannock), Boise, Idaho. The meeting began at 1:00 p.m. Chairman Kevin Dickey presided. The following members were present:

Vice Chairman Marc Shigeta
Commissioner Renee Breedlovestrout
Commissioner Jim Classen
Commissioner David Groeschl

For the record, all five Commission members were present.

• **ANNOUNCEMENTS**

Chairman Dickey announced that the Commission will accept public comment on items listed on the agenda. He asked that anyone who wanted to speak fill out the sign-in sheet.

Secretary Mick Thomas introduced Mr. Dave Schwarz, Oil and Gas Field Inspector to the Commission. Mr. Schwarz is a recent addition to the staff in the Oil and Gas Division.

1. Division Administrator's Report

- A. Financial Update
- B. Current Oil and Gas Activity

DISCUSSION: Commissioner Jim Classen asked if the Fallon #1-10 and Barlow #1-14 wells have had the pipes run; Secretary Thomas responded that he believed so and also mentioned that those were confidential wells. Chairman Dickey asked if the Barlow #2-14 pending means not spudded. Secretary Thomas said yes and Program Manager James Thum clarified that the application has not been approved.

- C. Class II Underground Injection Control Program Update

For the record, Chairman Dickey requested an update on the audit.¹ Secretary Thomas noted that there is no definite date but the audit is expected to be completed in the next few weeks.

Chairman Dickey also asked about the April 11, 2018 meeting. Secretary Thomas announced that the meeting will be at Payette High School and will begin at 2:00 pm. Secretary Thomas remarked that the agenda will be finalized approximately a week before the meeting to provide people in the area time to plan and attend, particularly if they want to provide public comment. Secretary Thomas stated that he will be holding a Town Hall meeting later that same evening as a Q and A session for local citizens.

Commissioner Jim Classen requested an update on the pending hearing. Secretary Thomas confirmed that a hearing officer had been appointed and that he will be speaking with the hearing officer later this week. Commissioner Classen followed up with a question of the legislation that is currently being presented regarding a pool of hearing officers. Secretary Thomas indicated that the current bill was being held in the Senate. Commissioner Classen remarked that the Commission did not have any input and that oil and gas needed someone that had the technical expertise to hear oil and gas related hearings. Secretary Thomas commented that the Idaho Department of Lands and other agencies provided input to the Legislature with similar concerns. Commissioner David Groeschl reiterated that the Department did provide some comments and that his understanding was that the bill is currently being held. Commissioner Groeschl also informed the Commission that the Department will be providing additional comment and feedback on the current legislation as well as future revisions. Commissioner Classen inquired about having periodic updates on that topic and also remarked that the Commission should be exempted from the bill. Secretary Thomas affirmed that updates on that topic will be provided to the Commission.

- **CONSENT**

2. **Approval of Minutes** – February 14, 2018 - Regular Meeting (Boise)

CONSENT AGENDA COMMISSION ACTION: A motion was made by Vice Chairman Shigeta that the Commission approve the meeting minutes on the Consent Agenda. Commissioner Groeschl seconded the motion. The motion carried on a vote of 5-0.

- **REGULAR**

3. **Data Access Policy** – Presented by James Thum, Program Manager – Oil and Gas

RECOMMENDATION: The Department recommends the Commission approve the Data Access Policy.

DISCUSSION: Commissioner Renee Breedlovestrout requested a list of oil and gas documents that Commissioners may want to access that are not on the OGCC website. Commissioner Classen concurred with that request. Mr. Thum responded that he will provide that list to the Commission.

¹ Oil and gas lease royalty audit contracted by Idaho Department of Lands for the State Board of Land Commissioners.

Commissioner Classen expressed concern about submitting a written request for document access. Commissioner Classen also stated he did not think it was a best use of staff time to observe the Commissioners while looking over the documents. Chairman Dickey mentioned that he had looked at a well log last month without a written request. Secretary Thomas explained that having a prior request would allow the staff to have the materials ready for review before the Commissioner arrived. It would also ensure that no more than two Commissioners were present at the same time in accordance with the Open Meeting Law. After the vote and the motion carried, Mr. Thum followed up that staff would be pleased to accept written recommendations from the Commissioners prior to the next meeting.

COMMISSION ACTION: A motion was made by Commissioner Groeschl to not make a decision on the policy today in order to address the issues and concerns the Commissioners have brought up regarding the policy and also to allow time for the list of documents to be provided to the Commission. Vice Chairman Shigeta seconded the motion. The motion carried on a vote of 5-0.

Background information was provided by the presenter indicated below. No Commission action is required on the Information Agenda. Information item materials can be found on the OGCC website at <https://ogcc.idaho.gov/commission-meetings/> for the current calendar year.

- **INFORMATION**

4. Unitization and Spacing – Discussion Request from Commissioner Jim Classen

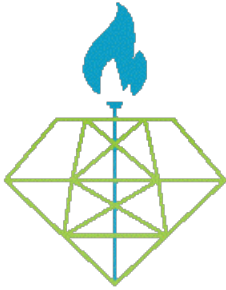
DISCUSSION: Commissioner Classen led a discussion on unit spacing. As part of this discussion, Commissioner Classen shared maps proposing possible drainage areas for wells. Commissioner Classen suggested that current drainage areas are too large and/or are inaccurate for the Willow field. With maps included as attachment seven, Commissioner Classen illustrated possible drainage areas for the Willow field. On the first map, he shared the proposed drainage area provided by Alta Mesa for the Kauffman 1-34 well. The second map overlaid a similar drainage area on all active wells in the Willow field. On the third map, the drainage circles were converted to 160-acre squares to follow traditional spacing methods.

- **EXECUTIVE SESSION**

None

Chairman Dickey opened the floor for public comment. There was no response and no public comment was taken.

There being no further business before the Commission, at 2:24 p.m. a motion to adjourn was made by Commissioner Classen. Commissioner Groeschl seconded the motion. The motion carried on a vote of 5-0. Meeting adjourned.



IDAHO OIL AND GAS CONSERVATION COMMISSION

Kevin Dickey, Chairman
Marc Shigeta, Vice Chairman
Dr. Renee Breedlovestrout, Commissioner
Jim Classen, Commissioner
David Groeschl, Commissioner

Mick Thomas, Secretary to the Commission

Draft Minutes

Idaho Oil and Gas Conservation Commission Regular Meeting
April 11, 2018

The regular meeting of the Idaho Oil and Gas Conservation Commission was held on Wednesday, April 11, 2018, in the Payette High School Auditorium, 1500 6th Ave S., Payette, Idaho. The meeting began at 2:05 p.m. Chairman Kevin Dickey presided. The following members were present:

Vice Chairman Marc Shigeta
Commissioner Renee Breedlovestrout
Commissioner Jim Classen
Commissioner David Groeschl

For the record, all five Commission members were present.

- **ANNOUNCEMENTS**

Chairman Kevin Dickey acknowledged that this meeting was being held off-site at the Payette High School Auditorium in Payette and stated that the Commission is interested in having at least one off-site meeting annually. Chairman Dickey announced that the Commission will accept public comments on items listed on the agenda. He pointed out the location of the sign-in sheet and asked that those who wished to speak to fill out the sign-in sheet.

1. **Division Administrator's Report**

- A. Financial Update

DISCUSSION: Chairman Dickey asked if the financial report could include a monthly number for expected budget per month. Secretary Mick Thomas explained where on the report that number was located. Chairman Dickey requested clarification on the amount for the Groundwater Protection Council as the numbers did not add up correctly. Secretary Thomas responded that was noticed this morning and was noted. Chairman Dickey wondered what PC and CO meant, Secretary Thomas responded that PC was Personnel Cost and CO meant Capital Outlay.

- B. Current Oil and Gas Activity

For the record, Chairman Dickey asked for an update on the audit. Secretary Thomas noted that the audit is in the under the Land Board authority and that he did not have additional information on that topic.

Commissioner Jim Classen requested an update on the status of the Kauffman's request for a hearing. Secretary Thomas responded that a hearing officer was hired last month and that the hearing officer has been in contact with the Attorney General's Office. Commissioner Classen also requested an update on the letter requesting oil and gas data from the operator. Secretary Thomas replied that the data is forthcoming and the operator is complying with the request. Commissioner Classen asked about the monthly reports, Secretary Thomas stated that they were very close to completion and will be sent to the Commissioners within the next month. Secretary Thomas remarked that this is part of a bigger project of making the forms available for electronic submittal and thanked the Commission for their input on the forms. Commissioner Classen suggested the operator fill out the paper copies instead of waiting for the electronic forms. Secretary Thomas agreed with Commissioner Classen.

- **CONSENT (ACTION)**

2. **Approval of Minutes** – March 14, 2018 - Regular Meeting (Boise)

CONSENT AGENDA COMMISSION ACTION: A motion was made by Vice Chairman Shigeta that the Commission approve the meeting minutes on the Consent Agenda. Commissioner Breedlovestrout seconded the motion. The motion carried on a vote of 5-0.

For the record, Chairman Dickey asked how it is determined what is in the minutes. He noted that Commissioner Classen's discussion from March was not in the minutes. Secretary Thomas responded that he will look into what goes in the minutes.

Background information was provided by the presenter indicated below. No Commission action is required on the Information Agenda.

- **INFORMATION**

3. **Fourth Quarter 2017 Quarterly Reports** – Presented by James Thum, Program Manager – Oil and Gas

4. **Oil and Gas Website Utilization, February 2018** – Presented by Chris Gozzo, Information Specialist – Oil and Gas

5. **Flaring** – Presented by Dave Schwarz, Field Inspector – Oil and Gas

- **REGULAR (ACTION)**

None

- **EXECUTIVE SESSION**

None

Chairman Dickey opened the floor for public comment. He noted that comment must relate to an agenda item and be limited to five minutes. Chairman Dickey later stated that the Commission will take public comment on items not on the agenda. Three individuals gave comment or asked questions.

There being no further business before the Commission, at 3:31 p.m. a motion to adjourn was made by Commissioner Classen. Vice Chairman Shigeta seconded the motion. The motion carried on a vote of 5-0. Meeting adjourned.

DRAFT

IDAHO OIL & GAS
CONSERVATION COMMISSION

IDAHO OIL AND GAS CONSERVATION COMMISSION
June 13, 2018
Information Agenda

SUBJECT

Bureau of Land Management Leasing Status in Southwest Idaho

BACKGROUND

Parcels totaling over 132,000 acres of federal land in southwest Idaho have been nominated for competitive oil and gas leasing. The Bureau of Land Management (BLM) held lease sales in 2014 and 2016, but has to-date deferred leasing any lands until completion of the Four Rivers Resource Management Plan/EIS (FRMP). The FRMP will replace the 1987 Cascade Resource Management Plan (RMP), which currently addresses leasing in the western portion of the Four Rivers Field Office.

There are currently fifteen (15) wells that have been drilled on private or State leases in and/or near the Willow and Hamilton Fields and are capable of production. Several of the wells are located in sections with federal mineral estate (Attachment 1). Eight of the existing wells are classified as “shut in pending a pipeline” indicating that they are capable of production.

DISCUSSION:

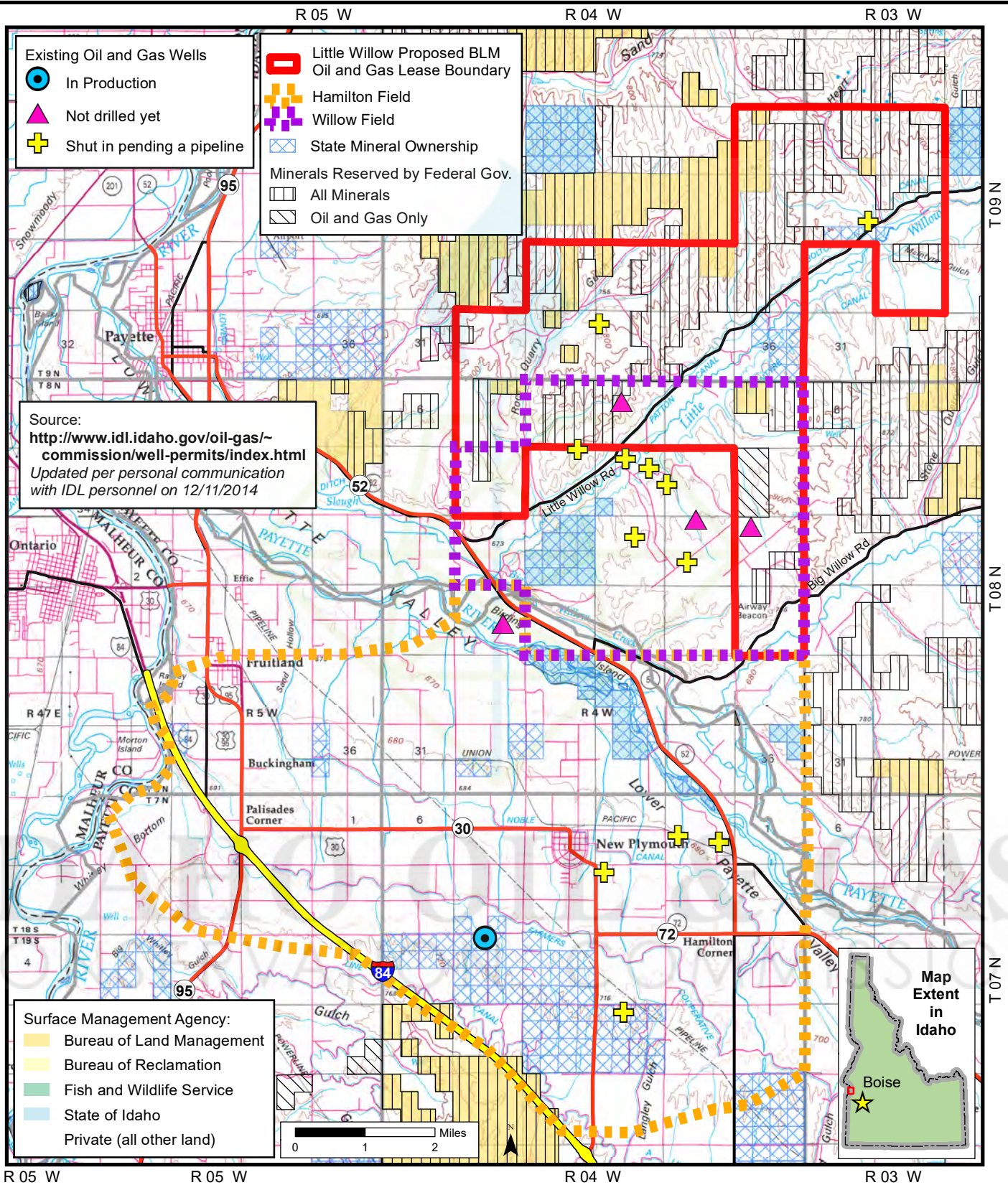
Currently there are No Surface Occupancy (NSO) and No Sub-surface Occupancy (NSSO) stipulations in place until the FRMP is finalized. Upon finalization of the FRMP, the leases would be modified by replacing NSO-1 and NSSO-1 with stipulations consistent with the FRMP. Currently, only drainage of the federal mineral estate are allowed and typical royalties apply. The BLM has two communitization agreements covering three wells that drain BLM land. These wells are on private land and are operated by Alta Mesa.

The BLM's Four Rivers Field Office is currently developing a new RMP that will comply with BLM standards. They are aiming for a record of decision in April of 2019 with hopes of getting an initial draft out by early fall 2018.

ATTACHMENTS

1. Little Willow Creek Proposed Leasing Area Map Package
2. Little Willow Creek Proposed BLM Oil and Gas Leasing Area

Map 1: Little Willow Creek Proposed Leasing Area

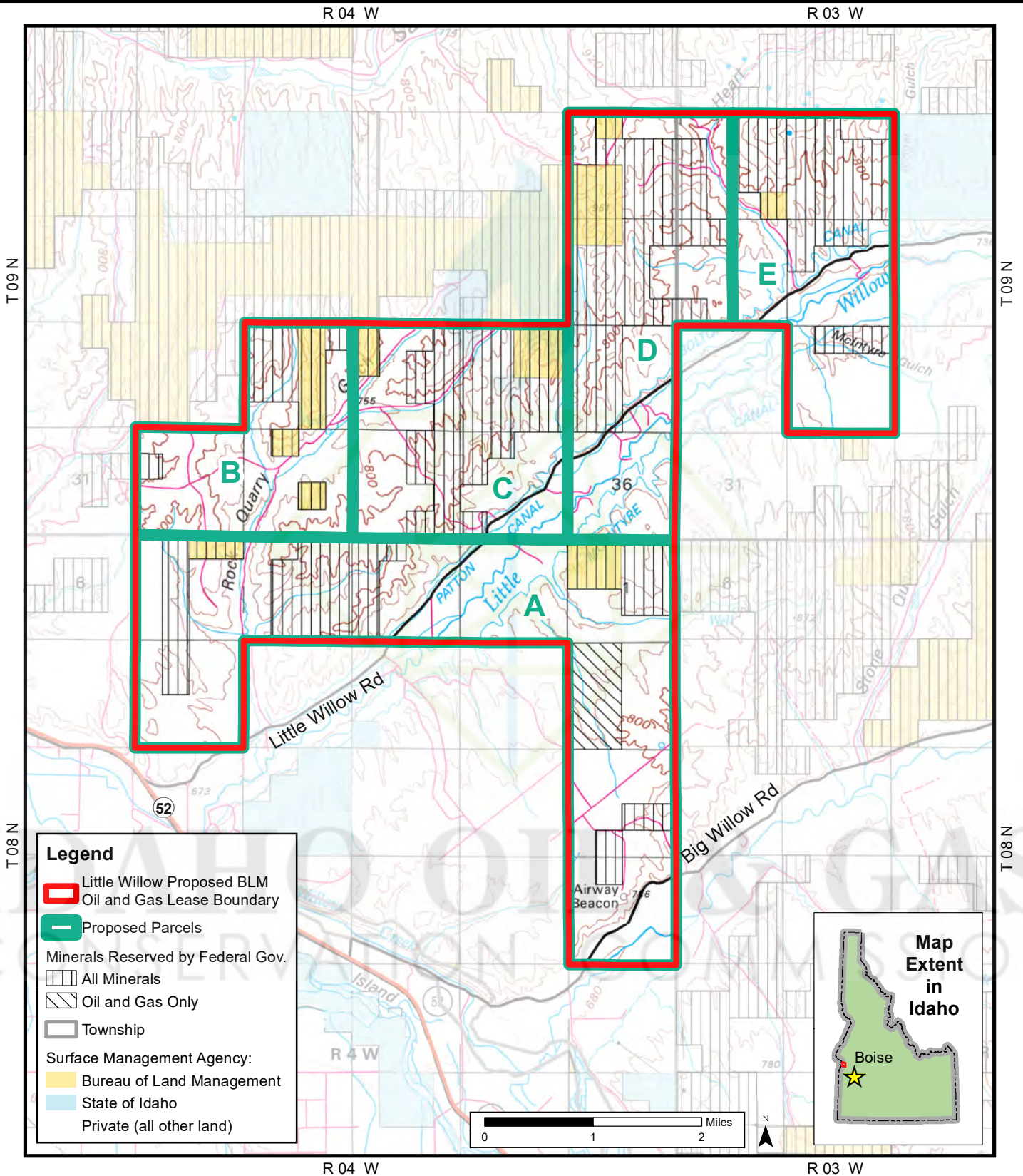


U.S. Department of the Interior
 Bureau of Land Management, Idaho
 Boise District, Four Rivers Field Office
 Map date: December 11, 2014



No warranty is made by the Bureau of Land Management. The accuracy, reliability, or completeness of these data for individual use or aggregate use with other data is not guaranteed. This map cannot be made Section 508 compliant. For help with its data or information, please contact the BLM Idaho State Office webmaster at (208) 373-4000.

Map 2: Little Willow Creek Proposed BLM Oil and Gas Lease

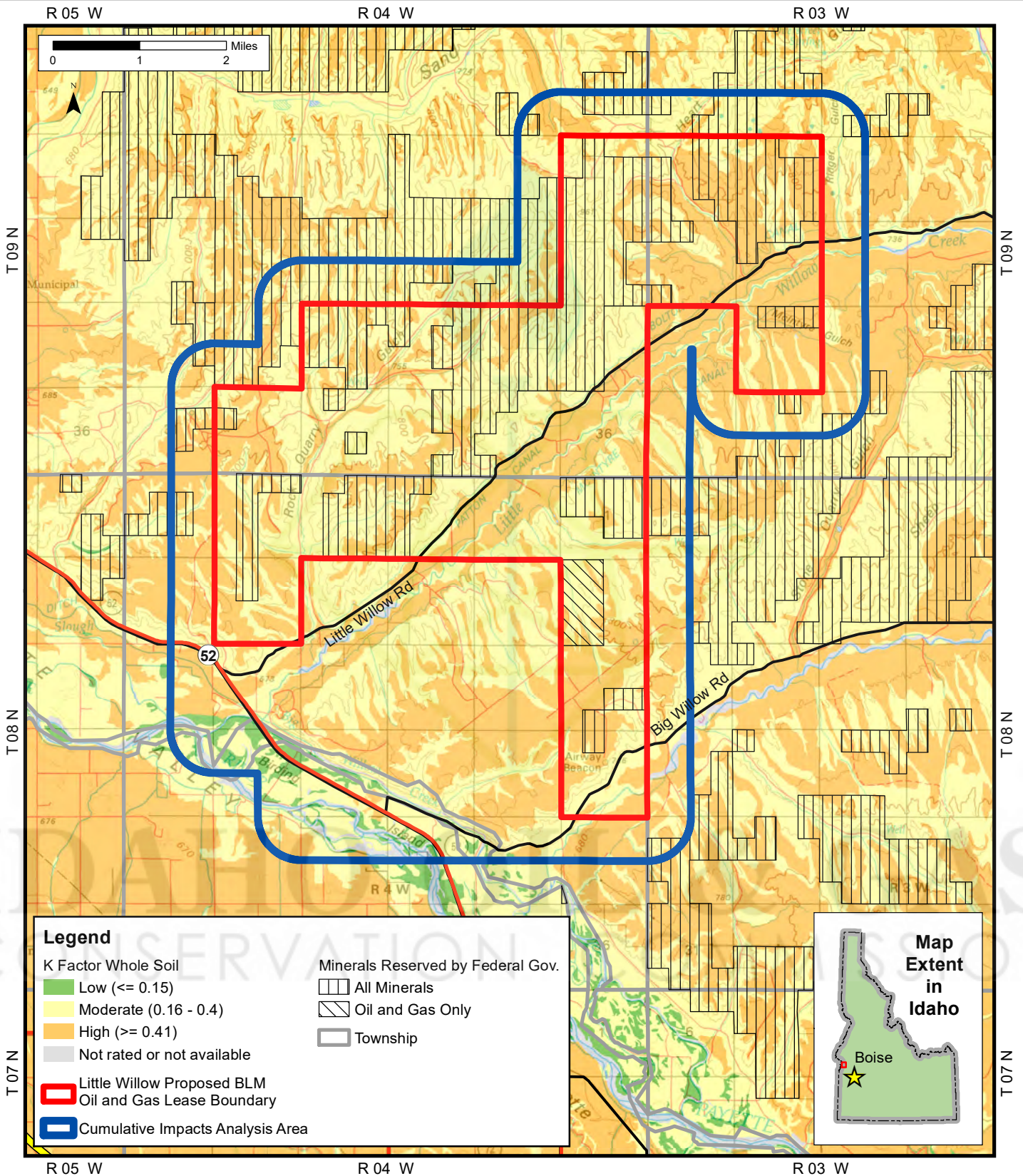


U.S. Department of the Interior
 Bureau of Land Management, Idaho
 Boise District, Four Rivers Field Office
 Map date: December 06, 2014



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Map 3: Soil Erodibility (K-factor), Little Willow Creek Proposed BLM Oil and Gas Lease



Legend

K Factor Whole Soil

- Low (≤ 0.15)
- Moderate (0.16 - 0.4)
- High (≥ 0.41)
- Not rated or not available

- Little Willow Proposed BLM Oil and Gas Lease Boundary
- Cumulative Impacts Analysis Area

Minerals Reserved by Federal Gov.

- All Minerals
- Oil and Gas Only
- Township

Map Extent in Idaho

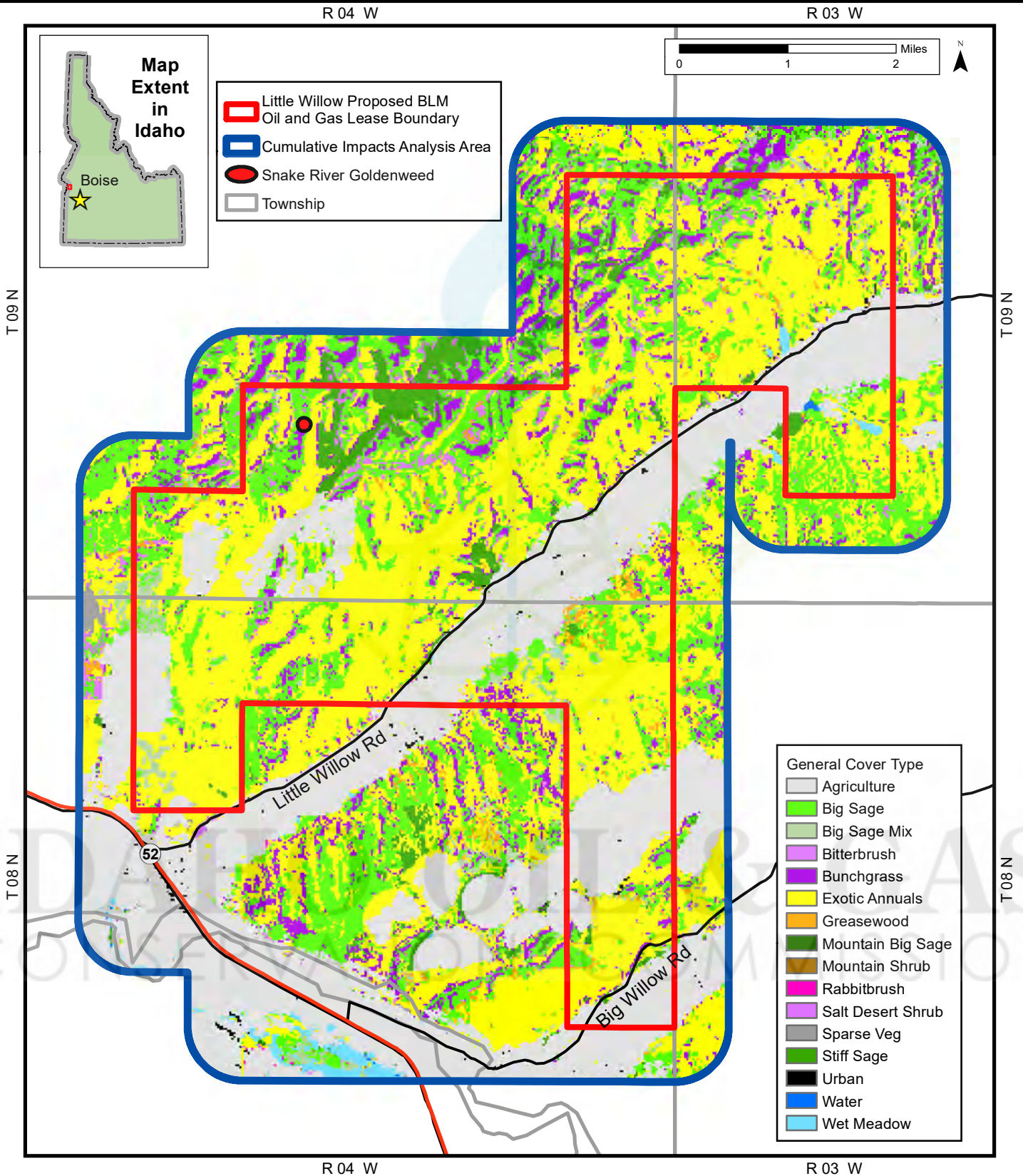


U.S. Department of the Interior
Bureau of Land Management, Idaho
Boise District, Four Rivers Field Office
Map date: December 06, 2014



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Map 4: Vegetation Cover Types and Special Status Plants, Little Willow Creek Proposed BLM Oil and Gas Lease

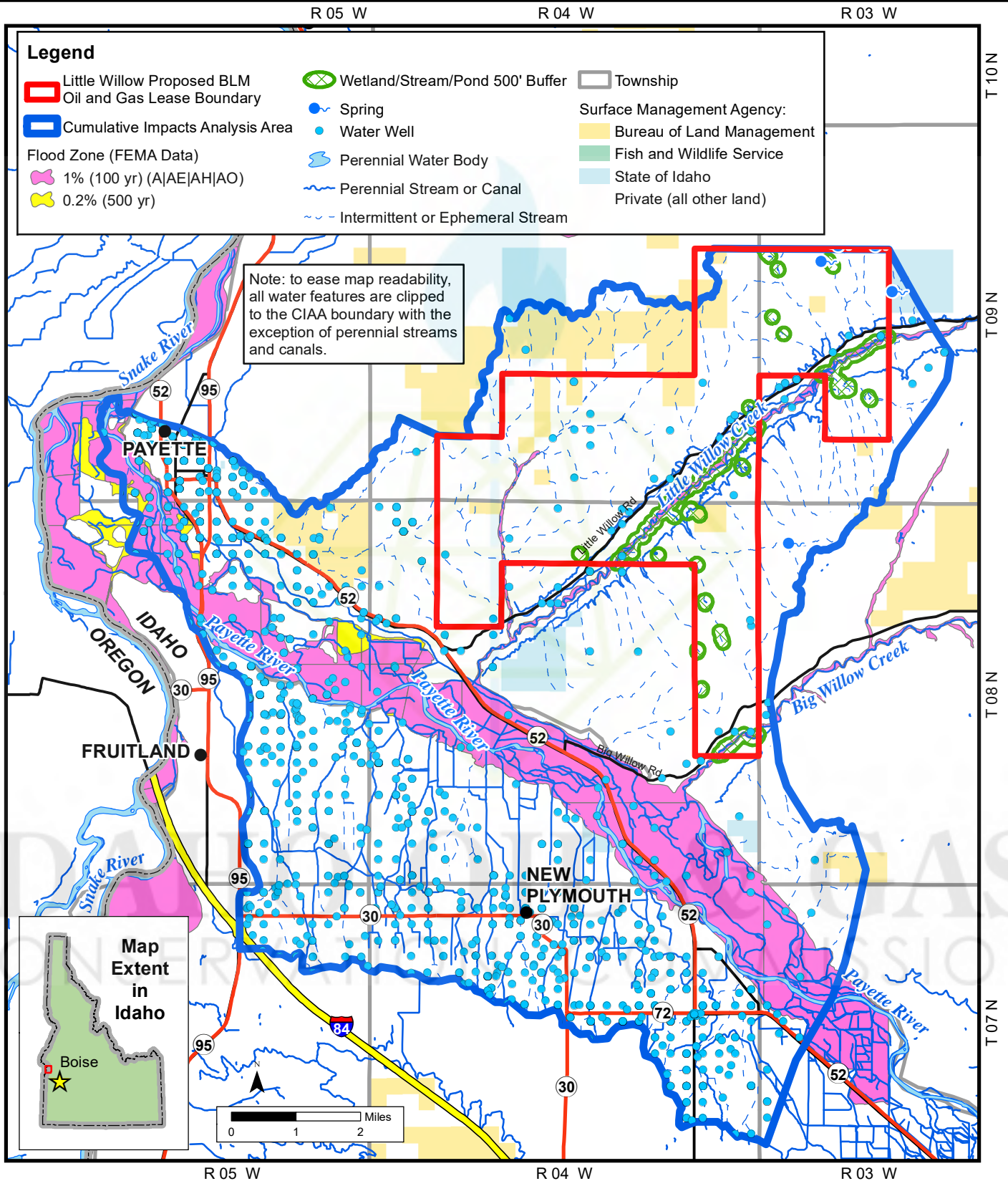


U.S. Department of the Interior
 Bureau of Land Management, Idaho
 Boise District, Four Rivers Field Office
 Map date: December 06, 2014



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Map 5: Water Resources, Little Willow Creek Proposed BLM Oil and Gas Lease

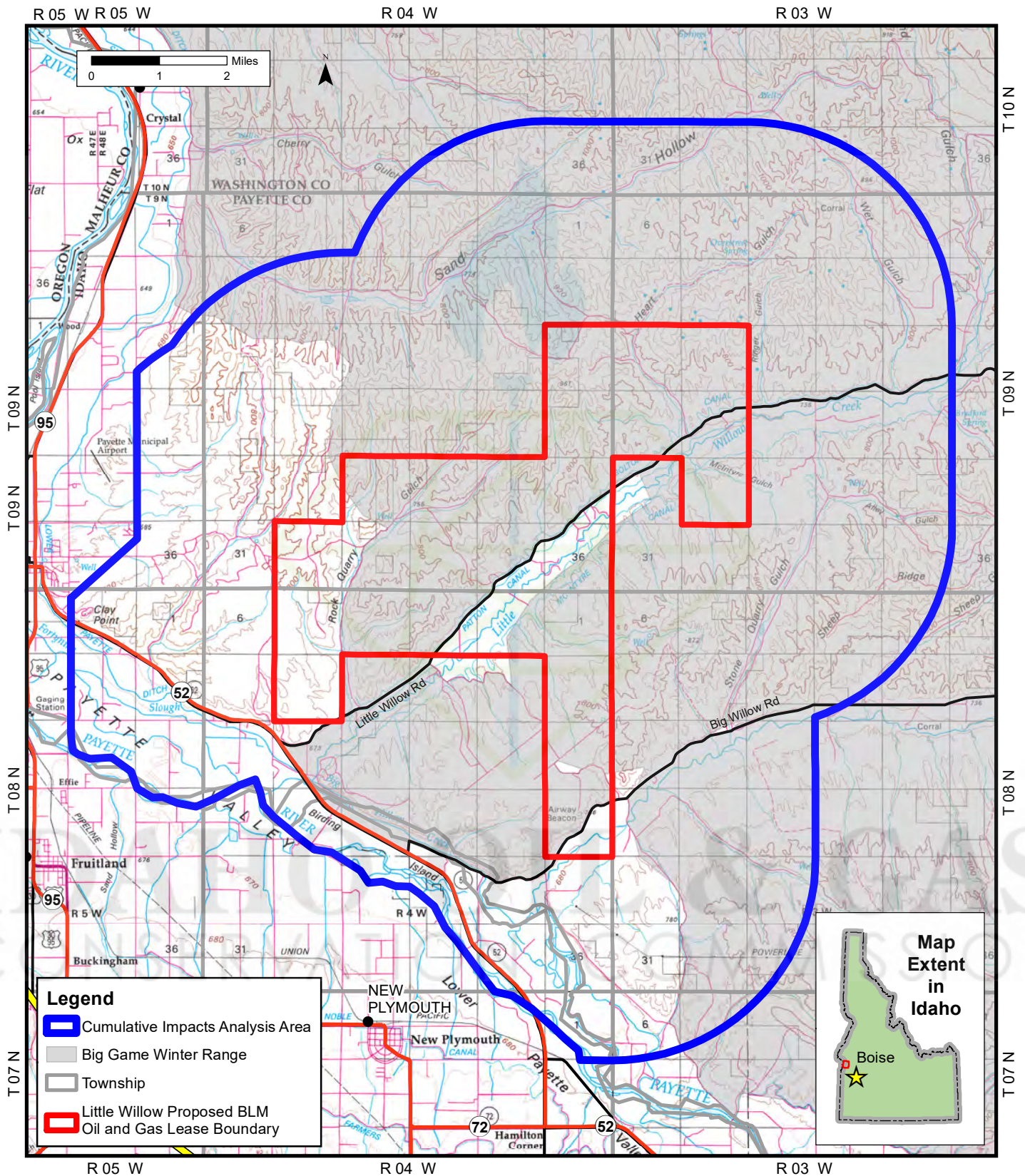


U.S. Department of the Interior
Bureau of Land Management, Idaho
Boise District, Four Rivers Field Office
Map date: December 06, 2014



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Map 6: Big Game Winter Range Little Willow Creek Proposed BLM Oil and Gas Lease



Legend

- Cumulative Impacts Analysis Area
- Big Game Winter Range
- Township
- Little Willow Proposed BLM Oil and Gas Lease Boundary

Map Extent in Idaho

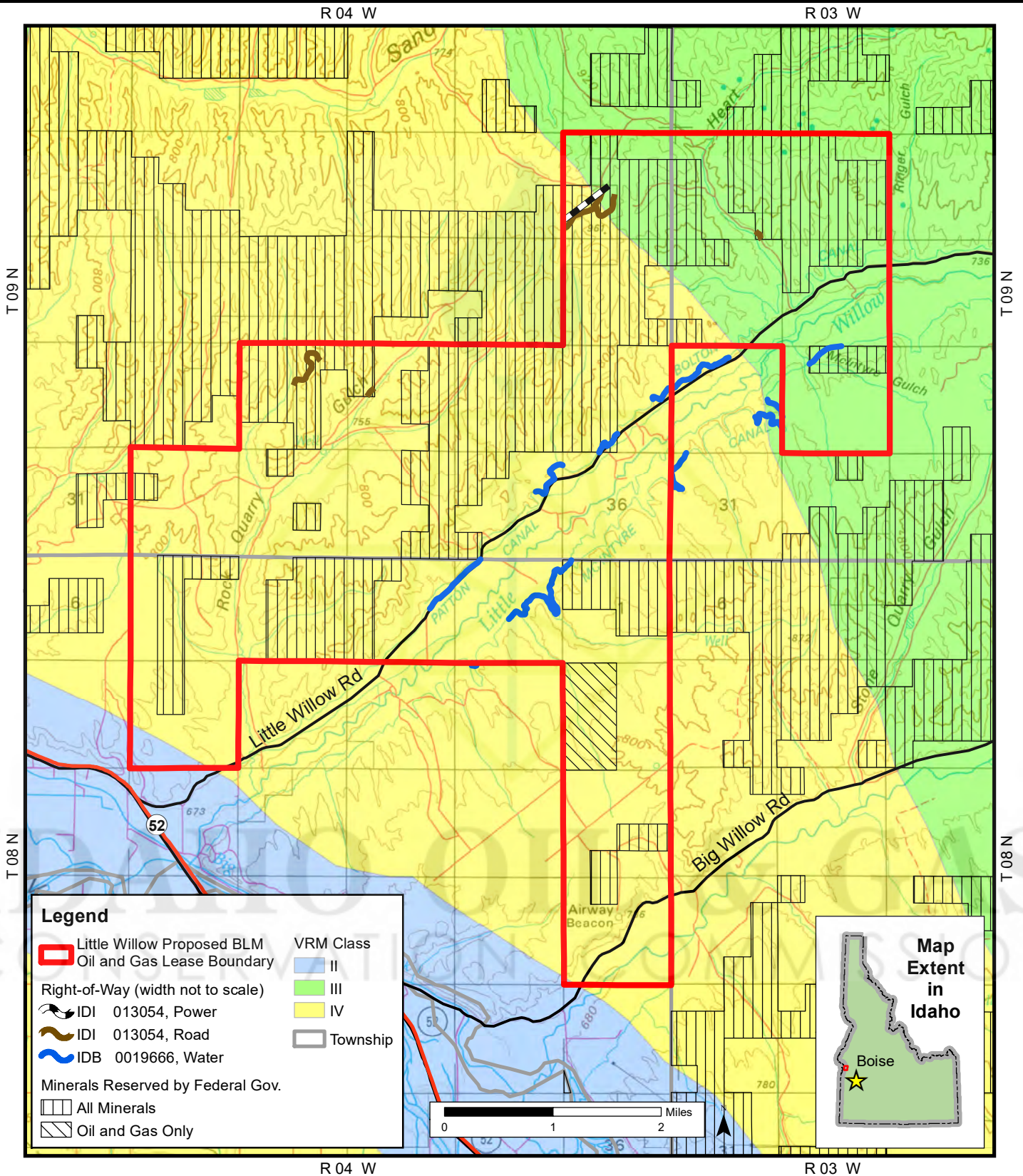


U.S. Department of the Interior
Bureau of Land Management, Idaho
Boise District, Four Rivers Field Office
Map date: December 10, 2014



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Map 7: Visual Resource Management Classes and Existing Rights-of-Way Little Willow Creek Proposed BLM Oil and Gas Lease

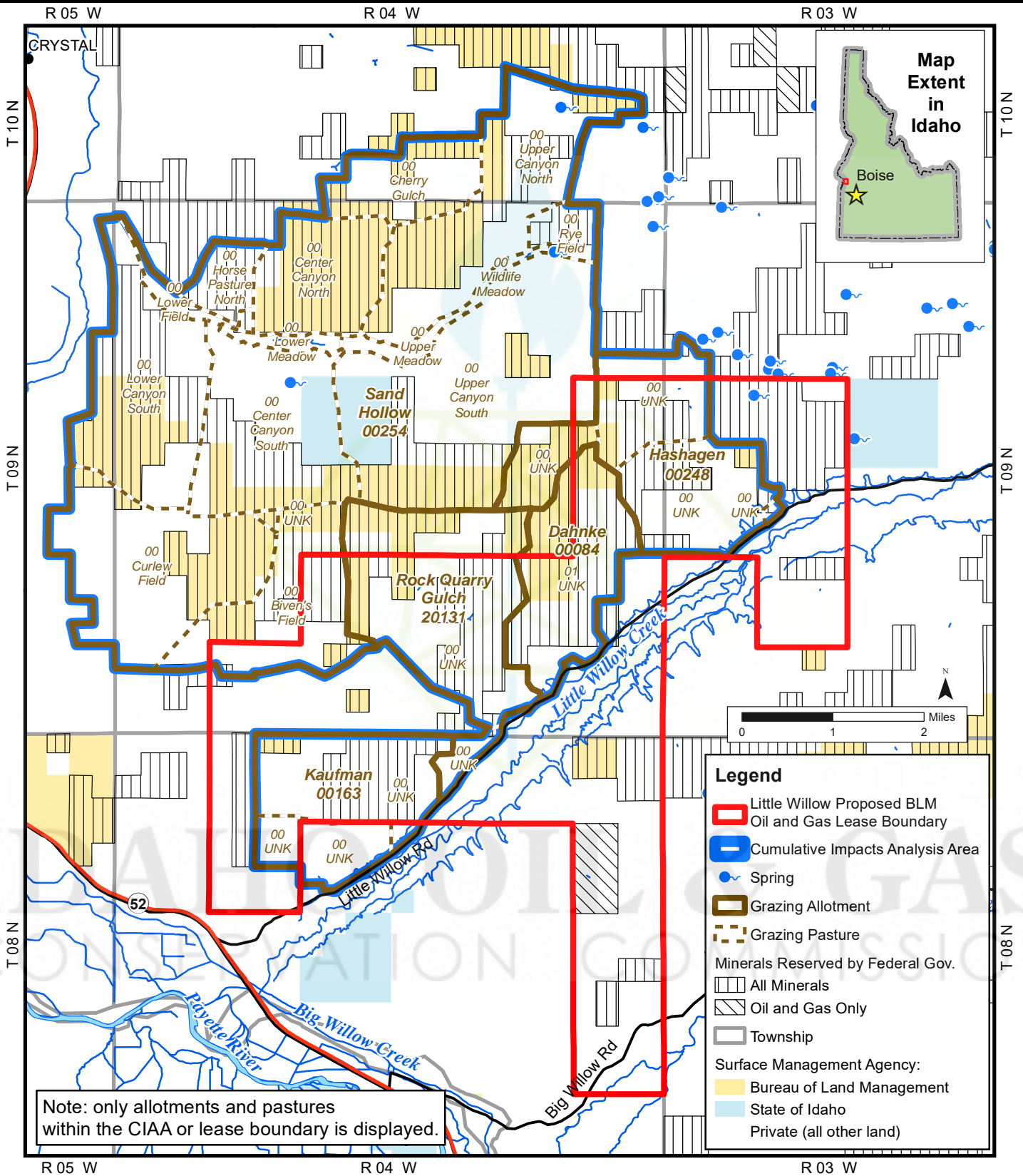


U.S. Department of the Interior
Bureau of Land Management, Idaho
Boise District, Four Rivers Field Office
Map date: December 06, 2014



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Map 8: Livestock Grazing Allotments, Little Willow Creek Proposed BLM Oil and Gas Lease



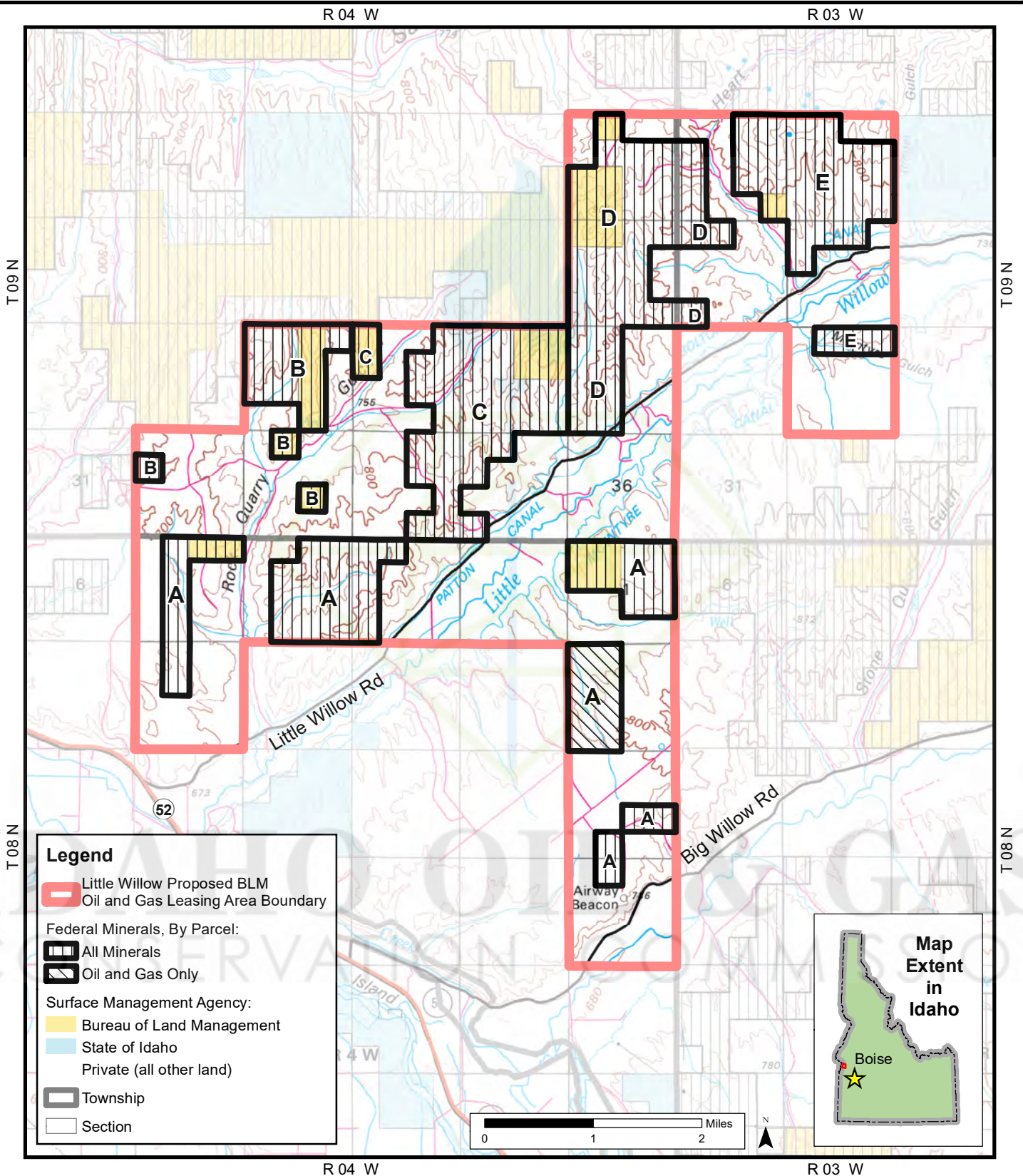


U.S. Department of the Interior
Bureau of Land Management, Idaho
Boise District, Four Rivers Field Office
Map date: December 08, 2014



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Map 2: Little Willow Creek Proposed BLM Oil and Gas Leasing Area





U.S. Department of the Interior
Bureau of Land Management, Idaho
Boise District, Four Rivers Field Office
Map date: December 17, 2014



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R:\loc\gis\Projects_GISUser\FourRiversFO\Minerals\PayetteOilGasLease\EA_Maps\General_LWOG.mxd

IDAHO OIL AND GAS CONSERVATION COMMISSION
June 13, 2018
Information Agenda

SUBJECT

Operator Compliance with Monthly Reporting Forms

BACKGROUND

Because of changes to Idaho Code § 47-324, the monthly reports provided to the Idaho Department of Lands (Department) were expanded to five separate forms. These updated reports are:

- Monthly Production Report
- Monthly Gathering Facility Report
- Monthly Gas Processing Plant Report
- Monthly Transportation and Storage Report
- Monthly Purchaser Report

To provide immediate compliance with the new requirements, Alta Mesa provided reports for the Department to use until original Department forms were created. In the interim, the Oil & Gas Division (Division) has worked with the Oil and Gas Conservation Commission (Commission) in developing updated reporting forms that maintain compliance with the new statutes while increasing the level of information provided to the Department. At the March 14, 2018 Commission meeting, new form templates were approved by the Commission.

DISCUSSION

On April 22, 2018, the Oil & Gas Division sent the revised forms to Alta Mesa, ARM Energy and Campo & Poole transporters (Attachment 1). The dissemination of these reports initiated discussions between the operator, Alta Mesa and the Division regarding content, compliance and format. Reports were finalized with the operator on May 10, 2018.

The operator has confirmed that reporting data beginning with the month of April will be entered into the new forms. However, the Department has not received transportation reports in compliance with the reporting requirements set forth in Idaho Code § 47-324. The Department is sending a notice letter to those transportation companies not in compliance and will give each company fourteen (14) days to provide the needed data.

ATTACHMENTS

1. April 22, 2018 - Email Notification Regarding Updated Monthly Reporting Forms

Mick Thomas

From: Mick Thomas
Sent: Sunday, April 22, 2018 2:09 PM
To: 'Dean Greene'; 'Michael Christian'; James Thum; Kourtney Romine; David Pepper; 'cmeyer@high-mesa.net'; 'timpi.webber@armenergy.com'; 'Dennis Campo'; 'jhaney@AltaMesa.net'
Subject: Updated Reports for Idaho Oil and Gas
Attachments: Idaho Reporting Templates April 2018.XLSX

Greetings,

In the spring of 2017, the Idaho Legislature made significant revisions to Idaho Statute 47-3. The full text is available at the Idaho Oil & Gas Conservation Commission web page: <https://ogcc.idaho.gov/rules-statutes/>

The OGCC and the IDL appreciate the forms provided by the operator to help fulfill the requirements. However, the OGCC and the Department realize the need for updated forms that more accurately fulfill the goals of 47-324. The Department is developing a series of electronic reporting modules that should provide quick, effective data transfer. In the interim, we have updated our reports to enable a better transfer of information. Please see the attached spreadsheet containing updated forms to be used moving forward.

Some of the main differences in the new reports are:

- Addition of a transportation report
- Addition of a BTU variable
- Tracking multiple products back to the individual well

Below is a summary of the authority of the Commission in developing reports, as well as highlights of 47-324 regarding reporting requirements:

47-315(5)(i) . . . *that every such person file with the commission such reasonable reports as it may prescribe with respect to such oil and gas production; . . .*

47-324(1)(a) . . . Monthly production report. *Operators shall file monthly production reports to properly account for all oil, gas and water production and disposition from each well, including the amounts of oil and gas sold from each well. Produced volumes are to include all volumes sold.*

(b) . . . Gathering facility report. *Operators of a gathering facility shall file monthly reports concerning the operation of the plant.*

(c) . . . Gas processing plant report. *The operator of each plant manufacturing or extracting liquid hydrocarbons, including gasoline, butane, propane, condensate, kerosene or other derivatives from natural gas, or refinery or storage vapors.*

(d) . . . Monthly transportation and storage report. *Each gatherer, transporter, storer or handler of crude oil or hydrocarbon products, or both, shall file monthly reports showing the required information concerning the transportation operations of the gatherer, transporter, storer or handler.*

(e) . . . Monthly purchaser report. Any person who purchases or is entitled to purchase any product that is subject to the state of Idaho severance tax from the producer or operator of a lease located in this state shall file monthly reports to account for the purchase of all hydrocarbons, including volume and price paid. . .

NOTE: A transporter is responsible for notifying the Department if they engage in the transportation or storage of hydrocarbon as soon as possible, and will be expected to provide the transportation/storage form before the fifteenth day of the second calendar month following the month of hydrocarbon transportation.

Reports shall be filed on the required form before the fifteenth day of the second calendar month following the month that is being reported.

Thank you again for your cooperation and the assistance you have provided.

If you have any questions, please feel free to call or email.

Sincerely,

Mick Thomas
Division Administrator, Oil & Gas
Secretary to the Oil & Gas Commission

(208) 334-0298 Office

Website: <https://ogcc.idaho.gov>

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IDAHO OIL AND GAS CONSERVATION COMMISSION
June 13, 2018
Regular Agenda

SUBJECT

Operator Records Examined as per Idaho Code § 47-315

BACKGROUND

Idaho Code § 47-315(5)(i) provides the Oil and Gas Conservation Commission (Commission) authority to examine the quantities of oil and gas that were produced during the proceeding five (5) years. These quantities include all volumes of oil and gas removed from the well, including those volumes obtained during testing and completion. Idaho Code § 47-315(5)(i) provides:

(5) Without limiting its general authority, the commission shall have the specific authority to require:

...

(i) That every person who produces oil and gas in the state keep and maintain for a period of five (5) years complete and accurate records of the quantities thereof, which records, or certified copies thereof, shall be available for examination by the commission or its agents at all reasonable times within said period, and that every such person file with the commission such reasonable reports as it may prescribe with respect to such oil and gas production;

At the February 14, 2018 Commission meeting, the Commission requested that Alta Mesa provide production volumes on all oil and gas wells in the state of Idaho. On May 9, 2018, the Oil and Gas Division Administrator and Oil and Gas Program Manager examined production records for the following wells:

Kauffman 1-9, USWN 11-075-20027
Kauffman 1-34, USWN 11-075-20024
ML Investments 1-3, USWN 11-075-20026
ML Investments 1-10, USWN 11-075-20007
ML Investments 1-11, USWN 11-075-20025
ML Investments 2-3, USWN 11-075-20029
ML Investments 2-10, USWN 11-075-20022
ML Investments 3-10, USWN 11-075-20031
State 1-17, USWN 11-075-20005

A summary of that data is provided in (Attachment 1). Also attached is a timeline of reporting requirements (Attachment 2) as well as historical Department policy requirements on reporting (Attachments 3 and 4).

DISCUSSION

After examination and evaluation, the Division Administrator has found discrepancies between the produced volumes reported under Idaho Code § 47-315 and the amounts reported to the Idaho Department of Lands (Department) on its production reports.

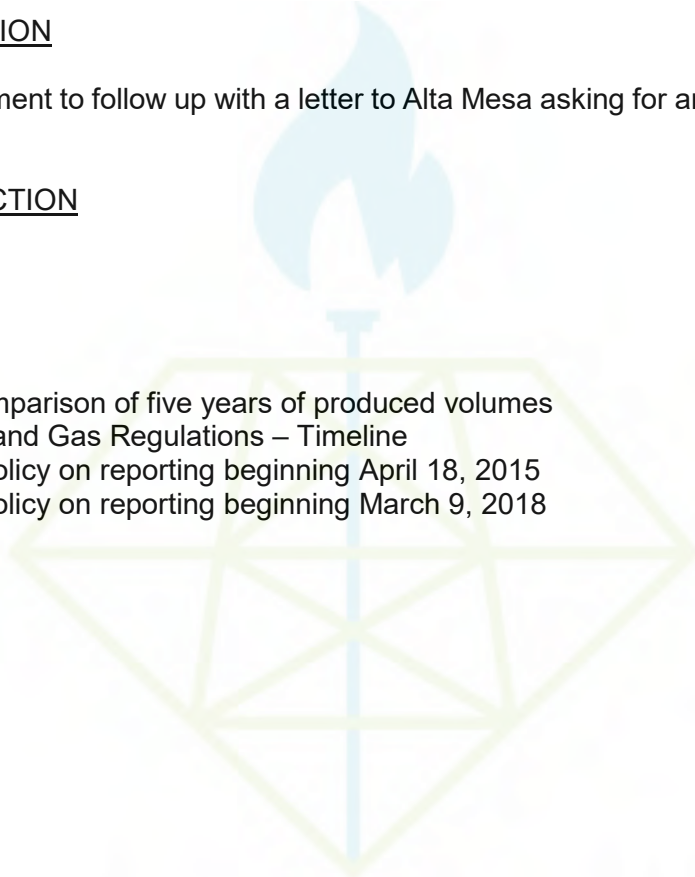
RECOMMENDATION

Direct the Department to follow up with a letter to Alta Mesa asking for an explanation of these discrepancies.

COMMISSION ACTION

ATTACHMENTS

1. Summary Comparison of five years of produced volumes
2. History of Oil and Gas Regulations – Timeline
3. Department policy on reporting beginning April 18, 2015
4. Department policy on reporting beginning March 9, 2018



IDAHO OIL & GAS
CONSERVATION COMMISSION

Willow Field

**Summary Comparison between Field Data Sheets and Reported Production
as of 3/1/2018**

| Month | Monthly Production - summary of daily sheets from AM | | | | | | Monthly Production - reported to IOGCC | | | | | | Reported minus Daily | | | % Missing | | | |
|--|--|-------------|---------------|-----------------|------------|--------------|--|------------|------------|-------------------|-----------------|------------|----------------------|-----------------|------------|--------------|-----------------|------------|--------------|
| | days oil/cd | days gas | days water | Oil/Cond bbl | Gas mcf | Water bbl | Cond bbl | Oil bbl | NGL bbl | All HC liq bbl | Oil+Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl |
| Summary of All Data | | | | | | | | | | | | | | | | | | | |
| TOTALS: | 4,804 | 4,892 | 4,297 | 370,064 | 10,141,359 | 162,390 | 276,043 | 65,165 | | 341,208 | 9,665,287 | 161,964 | -28,855 | -476,072 | -3,426 | 7.8% | 4.7% | 2.1% | |
| Kauffman 1-9 LT | 252 | 247 | 234 | 87,719 | 131,698 | 23,136 | 1,458 | 65,165 | | 66,623 | 109,577 | 25,223 | -21,096 | -22,121 | -913 | 24% | 17% | 3% | |
| Kauffman 1-9 UT | 304 | 298 | 252 | 16,834 | 239,993 | 860 | 6,551 | 0 | | 6,551 | 264,919 | 732 | -10,283 | 24,926 | -128 | 61% | -10% | 15% | |
| Kauffman 1-34 | 420 | 468 | 359 | 55,094 | 577,847 | 27,339 | 40,010 | 0 | | 40,010 | 552,996 | 25,502 | -15,084 | -24,851 | -1,837 | 27% | 4% | 7% | |
| ML Investments 1-3 | 633 | 640 | 475 | 49,132 | 2,744,395 | 62,663 | 65,310 | 0 | | 65,310 | 2,622,158 | 62,483 | 16,178 | -122,237 | -180 | -33% | 4% | 0% | |
| s ML Investments 1-10 | 147 | 148 | 110 | 6,608 | 282,488 | 1,245 | 6,256 | 0 | | 6,256 | 266,555 | 1,486 | -352 | -15,933 | 241 | 5% | 6% | -19% | |
| ML Investments 1-11 LT | 812 | 829 | 819 | 30,933 | 1,110,087 | 8,643 | 28,989 | 0 | | 28,989 | 1,048,672 | 8,354 | -1,944 | -61,415 | -289 | 6% | 6% | 3% | |
| ML Investments 1-11 UT | 904 | 901 | 810 | 42,680 | 1,818,395 | 5,267 | 43,090 | 0 | | 43,090 | 1,747,734 | 4,839 | 410 | -70,661 | -427 | -1% | 4% | 8% | |
| ML Investments 2-3 | 428 | 459 | 386 | 16,344 | 655,070 | 1,158 | 19,528 | 0 | | 19,528 | 603,817 | 1,155 | 3,184 | -51,253 | -3 | -19% | 8% | 0% | |
| s ML Investments 2-10 | 904 | 902 | 852 | 64,720 | 2,581,386 | 32,080 | 64,851 | 0 | | 64,851 | 2,448,859 | 32,190 | 131 | -132,527 | 110 | 0% | 5% | 0% | |
| Early time testing, 100% nonreported | | | | | | | | | | | | | | | | | | | |
| Kauffman 1-9 LT | | | | | | | | | | | | | 17,363 | 8,582 | 786 | | | | |
| Kauffman 1-9 UT | | | | | | | | | | | | | 10,755 | 5,405 | 145 | | | | |
| ML Investments 1-11 LT | | | | | | | | | | | | | 25 | 4 | 486 | | | | |
| Total | | | | | | | | | | | | | 28,143 | 13,991 | 1,416 | -7.6% | -0.1% | -0.9% | |
| Allocation Evaluation - removed early time testing production | | | | | | | | | | | | | | | | | | | |
| Kauffman 1-9 LT | | | | 70,356 | 123,116 | 22,350 | 1,458 | 65,165 | | 66,623 | 109,577 | 25,223 | -3,733 | -13,539 | 2,873 | * 5.3% | 11.0% | -12.9% | |
| Kauffman 1-9 UT | | | | 6,079 | 234,588 | 716 | 6,551 | 0 | | 6,551 | 264,919 | 732 | 472 | 30,331 | 16 | -7.8% | -12.9% | -2.3% | |
| Kauffman 1-34 | | | | 55,094 | 577,843 | 26,853 | 40,010 | 0 | | 40,010 | 552,996 | 25,502 | -15,084 | -24,847 | -1,351 | 27.4% | 4.3% | 5.0% | |
| ML Investments 1-3 | | | | 49,132 | 2,730,404 | 61,247 | 65,310 | 0 | | 65,310 | 2,622,158 | 62,483 | 16,178 | -108,246 | 1,236 | -32.9% | 4.0% | -2.0% | |
| s ML Investments 1-10 | | | | 6,608 | 282,488 | 1,245 | 6,256 | 0 | | 6,256 | 266,555 | 1,486 | -352 | -15,933 | 241 | 5.3% | 5.6% | -19.4% | |
| ML Investments 1-11 LT | | | | 30,908 | 1,110,083 | 8,157 | 28,989 | 0 | | 28,989 | 1,048,672 | 8,354 | -1,919 | -61,411 | 197 | 6.2% | 5.5% | -2.4% | |
| ML Investments 1-11 UT | | | | 42,680 | 1,818,395 | 5,267 | 43,090 | 0 | | 43,090 | 1,747,734 | 4,839 | 410 | -70,661 | -427 | -1.0% | 3.9% | 8.1% | |
| ML Investments 2-3 | | | | 16,344 | 655,070 | 1,158 | 19,528 | 0 | | 19,528 | 603,817 | 1,155 | 3,184 | -51,253 | -3 | -19.5% | 7.8% | 0.3% | |
| s ML Investments 2-10 | | | | 64,720 | 2,581,386 | 32,080 | 64,851 | 0 | | 64,851 | 2,448,859 | 32,190 | 131 | -132,527 | 110 | -0.2% | 5.1% | -0.3% | |
| | | | | 341,920 | 10,113,373 | 159,073 | 276,043 | 65,165 | | 341,208 | 9,665,287 | 161,964 | ** -712 | -448,086 | 2,891 | 0.2% | 4.4% | -1.8% | |

** There is good agreement between unallocated daily field oil production, excluding nonreported testing, and reported monthly oil data. But individual well allocated oil production suggests allocation methodology is poor/incorrect.

* 5.3% liquid error increases to 72% of condensate only production, if assume oil allocation has no error.

s State minerals

Kauffman 1-9 LT
11-075-20027

dark blue = calculated

| Month | Monthly Production - summary of daily sheets from AM | | | | | | Monthly Production - reported to IOGCC | | | | | | | Reported minus Daily | | | % Not Reported | | | Daily Run Sheets - photos shot at AM | | | |
|----------------|--|------------|------------|---------------|----------------|---------------|--|---------------|--------------|----------------|---------------|----------------|---------------|----------------------|----------------|-------------|----------------|------------|-----------|--------------------------------------|---------------|----------------|---------------|
| | days oil/cd | days gas | days water | Oil/Cond bbl | Gas mcf | Water bbl | Cond bbl | Oil bbl | NGL bbl | All HC liq bbl | Oil+Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Day | Oil/Cond blpd | Gas mcfpd | Water bwpd |
| TOTALS: | 252 | 247 | 234 | 87,719 | 131,698 | 26,136 | 1,458 | 65,165 | 4,314 | 70,937 | 66,623 | 109,577 | 25,223 | -21,096 | -22,121 | -913 | 24% | 17% | 3% | | 87,719 | 131,698 | 26,136 |
| 9/30/2014 | 3 | 1 | 2 | 329 | 143 | 283 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -329 | -143 | -283 | 100% | 100% | 100% | | | | |
| 10/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| 11/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| 12/31/2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| 1/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| 2/28/2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| 3/31/2015 | 24 | 24 | 9 | 6,618 | 3,315 | 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -6,618 | -3,315 | -65 | 100% | 100% | 100% | | | | |
| 4/30/2015 | 18 | 16 | 17 | 4,099 | 2,090 | 134 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -4,099 | -2,090 | -134 | 100% | 100% | 100% | | | | |
| 5/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| 6/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| 7/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| 8/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| 9/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| 10/30/2015 | 12 | 12 | 12 | 3,894 | 2,109 | 215 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3,894 | -2,109 | -215 | 100% | 100% | 100% | | | | |
| 11/30/2015 | 6 | 6 | 6 | 2,423 | 925 | 88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2,423 | -925 | -88 | 100% | 100% | 100% | | | | |
| 12/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| 1/31/2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| 2/29/2016 | 17 | 17 | 17 | 6,674 | 3,483 | 453 | 30 | 5,234 | 54 | 5,318 | 5,264 | 2,971 | 478 | -1,410 | -512 | 25 | 21% | 15% | | | | | |
| 3/31/2016 | 31 | 31 | 31 | 13,032 | 6,265 | 1,055 | 100 | 12,477 | 232 | 12,809 | 12,577 | 5,493 | 1,090 | -455 | -772 | 35 | 3% | 12% | | | | | |
| 4/30/2016 | 30 | 30 | 30 | 12,761 | 7,058 | 1,780 | 89 | 11,804 | 322 | 12,215 | 11,893 | 5,809 | 1,798 | -868 | -1,249 | 18 | 7% | 18% | | | | | |
| 5/31/2016 | 31 | 31 | 31 | 11,319 | 8,210 | 2,434 | 148 | 10,537 | 270 | 10,955 | 10,685 | 7,350 | 2,468 | -634 | -860 | 34 | 6% | 10% | | | | | |
| 6/30/2016 | 30 | 30 | 30 | 11,924 | 23,838 | 4,556 | 443 | 11,302 | 1,232 | 12,977 | 11,745 | 21,876 | 4,676 | -179 | -1,962 | 120 | 2% | 8% | | | | | |
| 7/31/2016 | 31 | 31 | 31 | 11,608 | 51,160 | 12,523 | 437 | 10,523 | 1,877 | 12,837 | 10,960 | 47,210 | 12,795 | -648 | -3,950 | 272 | 6% | 8% | | | | | |
| 8/31/2016 | 3 | 3 | 3 | 575 | 3,668 | 1,290 | 0 | 663 | 0 | 663 | 663 | 1,767 | 701 | 88 | -1,901 | -589 | | | 52% | | 46% | | |
| 9/30/2016 | 3 | 3 | 3 | 576 | 1,967 | 134 | 31 | 658 | 59 | 748 | 689 | 2,683 | 209 | 113 | 716 | 76 | | | | | | | |
| 10/30/2016 | 12 | 12 | 12 | 1,881 | 17,439 | 1,083 | 180 | 1,967 | 263 | 2,410 | 2,147 | 14,392 | 1,007 | 266 | -3,047 | -76 | | | 17% | | 7% | | |
| 11/30/2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| 12/31/2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 26 | 0 | 0 | 26 | 0 | | | | | | | |
| 1/31/2017 | 1 | | | 5 | 28 | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | -5 | -28 | -42 | 100% | 100% | 98% | | | | |
| 2/28/2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| 3/31/2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| 4/30/2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| 5/31/2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | |

Kauffman 1-9 UT
11-075-20027

dark blue = calculated

| Month | Monthly Production - summary of daily sheets from AM | | | | | | Monthly Production - reported to IOGCC | | | | | | | Reported minus Daily | | | % Missing | | | Daily Run Sheets - photos shot at AM | | | | |
|----------------|--|------------|------------|---------------|----------------|------------|--|----------|---------|----------------|----------------|------------|----------------|----------------------|-------------|------------|--------------|------------|-----------|--------------------------------------|---------------|----------------|------------|--|
| | oil/cd | days gas | days water | Oil/Cond bbl | Gas mcf | Water bbl | Cond bbl | Oil bbl | NGL bbl | All HC liq bbl | Oil+Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Day | Oil/Cond blpd | Gas mcfpd | Water bwpd | |
| TOTALS: | 304 | 298 | 252 | 16,834 | 239,993 | 860 | 6,551 | 0 | | 6,551 | 264,919 | 732 | -10,283 | 24,926 | -128 | 61% | -10% | 15% | | | 16,834 | 239,993 | 860 | |
| 9/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 10/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 11/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 12/31/2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 1/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 2/28/2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 3/31/2015 | 26 | 24 | 9 | 7,166 | 3,315 | 65 | 0 | 0 | 0 | 0 | 0 | 0 | -7,166 | -3,315 | -65 | 100% | 100% | 100% | | | | | | |
| 4/30/2015 | 14 | 16 | 14 | 3,589 | 2,090 | 79 | 0 | 0 | 0 | 0 | 0 | 0 | -3,589 | -2,090 | -79 | 100% | 100% | 100% | | | | | | |
| 5/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 6/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 7/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 8/31/2015 | 26 | 0 | 24 | 1,381 | 0 | 267 | 461 | 107 | 568 | 461 | 34,148 | 259 | -920 | 34,148 | -8 | 67% | | 3% | | | | | | |
| 9/30/2015 | 19 | 18 | 16 | 603 | 17,320 | 77 | 547 | 469 | 1,016 | 547 | 15,718 | 77 | -56 | -1,602 | 0 | 9% | 9% | 0% | | | | | | |
| 10/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 11/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 12/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 1/31/2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 2/29/2016 | 13 | 13 | 12 | 76 | 8,593 | 33 | 224 | 278 | 502 | 224 | 11,812 | 43 | 148 | 3,219 | 10 | | | | | | | | | |
| 3/31/2016 | 31 | 31 | 26 | 48 | 13,010 | 43 | 224 | 275 | 499 | 224 | 11,812 | 43 | 176 | -1,198 | 0 | | 9% | | | | | | | |
| 4/30/2016 | 30 | 30 | 28 | 31 | 13,140 | 46 | 133 | 351 | 484 | 133 | 10,951 | 53 | 102 | -2,189 | 7 | | 17% | | | | | | | |
| 5/31/2016 | 19 | 19 | 14 | 48 | 7,715 | 49 | 115 | 148 | 263 | 115 | 6,684 | 47 | 67 | -1,031 | -2 | | 13% | 3% | | | | | | |
| 6/30/2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | |
| 7/31/2016 | 11 | 11 | 4 | 87 | 4,920 | 11 | 82 | 167 | 249 | 82 | 4,133 | 11 | -5 | -787 | 0 | 6% | 16% | | | | | | | |
| 8/31/2016 | 5 | 8 | 4 | 69 | 4,220 | 24 | 103 | 175 | 278 | 103 | 4,319 | 29 | 34 | 99 | 5 | | | | | | | | | |
| 9/30/2016 | 11 | 11 | 8 | 200 | 9,344 | 75 | 274 | 176 | 450 | 274 | 7,581 | 69 | 74 | -1,763 | -6 | | 19% | 8% | | | | | | |
| 10/30/2016 | 12 | 12 | 3 | 99 | 3,999 | 8 | 99 | 69 | 168 | 99 | 3,172 | 8 | 0 | -827 | 0 | | 21% | | | | | | | |
| 11/30/2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | |
| 12/31/2016 | 1 | 1 | 1 | 38 | 1,807 | 13 | 95 | 100 | 195 | 95 | 3,594 | 16 | 58 | 1,787 | 3 | | | | | | | | | |
| 1/31/2017 | 8 | 10 | 9 | 224 | 16,674 | 27 | 594 | 673 | 1,267 | 594 | 13,288 | 30 | 370 | -3,386 | 4 | | 20% | | | | | | | |
| 2/28/2017 | 3 | 3 | 3 | 94 | 4,418 | 11 | 133 | 0 | 133 | 133 | 4,035 | 11 | 39 | -383 | 0 | | 9% | | | | | | | |
| 3/31/2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (POOLED) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | |
| 4/30/2017 | 3 | 8 | 3 | 30 | 6,716 | 11 | 30 | (POOLED) | 0 | 30 | 6,679 | 11 | 0 | -37 | 0 | | 1% | 3% | | | | | | |
| 5/31/2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (POOLED) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | |
| 6/30/2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (POOLED) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | |
| 7/31/2017 | 2 | 4 | 1 | 2 | 1,445 | 0 | 2 | (POOLED) | 0 | 2 | 1,438 | 0 | 0 | -7 | 0 | | 0% | 100% | | | | | | |
| 8/31/2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (POOLED) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | |
| 9/30/2017 | 2 | 6 | 6 | 4 | 6,410 | 4 | 4 | (POOLED) | 4 | 4 | 6,377 | 4 | 0 | -33 | 0 | | 1% | 5% | | | | | | |
| 10/30/2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (POOLED) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | |
| 11/30/2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (POOLED) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | |
| 12/31/2017 | 16 | 16 | 16 | 737 | 26,408 | 5 | 782 | (POOLED) | 0 | 782 | 27,882 | 6 | 45 | 1,474 | 1 | | | | | | | | | |
| 1/31/2018 | 23 | 28 | 22 | 1,064 | 45,866 | 6 | 1,445 | (POOLED) | 0 | 1,445 | 50,490 | 8 | 381 | 4,624 | 2 | | | | | | | | | |
| 2/28/2018 | 28 | 28 | 28 | 1,200 | 41,234 | 7 | 1,204 | (POOLED) | 0 | 1,204 | 40,806 | 7 | 4 | -428 | 0 | | 1% | | | | | | | |
| 3/31/2018 | 1 | 1 | 1 | 45 | 1,349 | 0 | | | | | | | -45 | -1,349 | 0 | 100% | 100% | 100% | | | | | | |
| 4/30/2018 | | | | | | | | | | | | | | | | | | | | | | | | |
| 5/31/2018 | | | | | | | | | | | | | | | | | | | | | | | | |

DATA OIL & GAS CONSERVATION COMMISSION

Kauffman 1-34
11-075-20024

dark blue = calculated

| Month | Monthly Production - summary of daily sheets from AM | | | | | | Monthly Production - reported to IOGCC | | | | | | | Reported minus Daily | | | % Missing | | | Daily Run Sheets - photos shot at AM | | | | |
|----------------|--|------------|------------|---------------|----------------|---------------|--|----------|----------|----------------|----------------|---------------|----------------|----------------------|---------------|------------|--------------|-----------|-----------|--------------------------------------|---------------|----------------|---------------|--|
| | oil/cd | days gas | days water | Oil/Cond bbl | Gas mcf | Water bbl | Cond bbl | Oil bbl | NGL bbl | All HC liq bbl | Oil+Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Day | Oil/Cond blpd | Gas mcfpd | Water bwpd | |
| TOTALS: | 420 | 468 | 359 | 55,094 | 577,847 | 27,339 | 40,010 | 0 | | 40,010 | 552,996 | 25,502 | -15,084 | -24,851 | -1,837 | 27% | 4% | 7% | | | 55,094 | 577,847 | 27,339 | |
| 9/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 10/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 11/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 12/31/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 1/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 2/28/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 3/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 4/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 5/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 6/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 7/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 8/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 9/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 10/30/2015 | 24 | 15 | 0 | 3,674 | 10,498 | 0 | 1,229 | | 801 | 2,030 | 1,229 | 13,092 | 0 | -2,445 | 2,594 | 0 | 67% | | | | | | | |
| 11/30/2015 | 26 | 27 | 0 | 4,307 | 26,026 | 0 | 1,977 | | 2,283 | 4,260 | 1,977 | 24,406 | 10 | -2,330 | -1,620 | 10 | 54% | 6% | | | | | | |
| 12/31/2015 | 6 | 5 | 0 | 159 | 1,192 | 0 | 104 | | 67 | 171 | 104 | 1,136 | 0 | -55 | -56 | 0 | 34% | 5% | | | | | | |
| 1/31/2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 2/29/2016 | 11 | 11 | 11 | 1,207 | 17,341 | 106 | 882 | | 580 | 1,462 | 882 | 18,080 | 125 | -325 | 739 | 19 | 27% | | | | | | | |
| 3/31/2016 | 18 | 22 | 17 | 1,636 | 23,337 | 155 | 917 | | 973 | 1,890 | 917 | 19,576 | 149 | -719 | -3,761 | -6 | 44% | 16% | 4% | | | | | |
| 4/30/2016 | 26 | 26 | 25 | 3,193 | 38,487 | 471 | 2,180 | | 2,486 | 4,666 | 2,180 | 36,537 | 498 | -1,013 | -1,950 | 28 | 32% | 5% | | | | | | |
| 5/31/2016 | 31 | 31 | 31 | 4,320 | 48,211 | 1,219 | 2,212 | | 2,866 | 5,078 | 2,212 | 45,566 | 1,243 | -2,108 | -2,645 | 24 | 49% | 5% | | | | | | |
| 6/30/2016 | 30 | 30 | 30 | 4,260 | 55,774 | 3,178 | 3,358 | | 4,893 | 8,251 | 3,358 | 50,788 | 2,530 | -902 | -4,986 | -648 | 21% | 9% | 20% | | | | | |
| 7/31/2016 | 31 | 31 | 31 | 4,748 | 48,488 | 4,976 | 3,616 | | 4,579 | 8,195 | 3,616 | 43,934 | 5,042 | -1,132 | -4,554 | 66 | 24% | 9% | | | | | | |
| 8/31/2016 | 19 | 16 | 16 | 4,172 | 16,750 | 3,085 | 2,286 | | 1,907 | 4,193 | 2,286 | 14,802 | 2,901 | -1,886 | -1,948 | -184 | 45% | 12% | 6% | | | | | |
| 9/30/2016 | 17 | 17 | 16 | 1,154 | 16,521 | 19 | 955 | | 877 | 1,832 | 955 | 16,638 | 19 | -199 | 117 | 0 | 17% | | | | | | | |
| 10/30/2016 | 30 | 31 | 28 | 1,709 | 22,348 | 22 | 1,307 | | 1,011 | 2,318 | 1,307 | 21,378 | 20 | -402 | -970 | -2 | 24% | 4% | 10% | | | | | |
| 11/30/2016 | 30 | 30 | 30 | 4,146 | 48,671 | 24 | 3,509 | | 3,124 | 6,633 | 3,509 | 47,188 | 23 | -637 | -1,483 | -1 | 15% | 3% | 5% | | | | | |
| 12/31/2016 | 31 | 31 | 31 | 5,722 | 61,371 | 1,119 | 4,866 | | 4,176 | 9,042 | 4,866 | 59,316 | 2,112 | -856 | -2,055 | 993 | 15% | 3% | | | | | | |
| 1/31/2017 | 13 | 13 | 13 | 1,295 | 11,858 | 7,985 | 1,274 | | 2,145 | 3,419 | 1,274 | 13,414 | 5,854 | -21 | 1,556 | -2,131 | 2% | | 27% | | | | | |
| 2/28/2017 | 3 | 3 | 3 | 180 | 2,849 | 3 | 194 | | 0 | | 194 | 3,730 | 4 | 14 | 881 | 1 | | | | | | | | |
| 3/31/2017 | 31 | 31 | 27 | 4,292 | 59,041 | 61 | 4,445 | | (POOLED) | | 4,445 | 59,963 | 62 | 153 | 922 | 1 | | | | | | | | |
| 4/30/2017 | 28 | 28 | 28 | 4,715 | 58,846 | 3,427 | 4,490 | | (POOLED) | | 4,490 | 56,001 | 3,424 | -225 | -2,845 | -3 | 5% | 5% | 0% | | | | | |
| 5/31/2017 | 1 | 3 | 1 | 6 | 86 | 60 | 6 | | (POOLED) | | 6 | 86 | 60 | 0 | 0 | 0 | 2% | | 1% | | | | | |
| 6/30/2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | (POOLED) | | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 7/31/2017 | 0 | 11 | 0 | 0 | 61 | 0 | 1 | | (POOLED) | | 1 | 358 | 11 | 1 | 297 | 11 | | | | | | | | |
| 8/31/2017 | 5 | 11 | 11 | 2 | 3,467 | 849 | 1 | | (POOLED) | | 1 | 3,088 | 838 | -1 | -379 | -11 | 38% | 11% | 1% | | | | | |
| 9/30/2017 | 4 | 5 | 5 | 25 | 532 | 228 | 25 | | (POOLED) | | 25 | 528 | 227 | 0 | -4 | 0 | 2% | 1% | 0% | | | | | |
| 10/30/2017 | 0 | 5 | 0 | 0 | 45 | 0 | 0 | | (POOLED) | | 0 | 54 | 0 | 0 | 9 | 0 | | | | | | | | |
| 11/30/2017 | 0 | 30 | 0 | 0 | 280 | 0 | 2 | | (POOLED) | | 2 | 936 | 153 | 2 | 656 | 153 | | | | | | | | |
| 12/31/2017 | 2 | 2 | 2 | 5 | 993 | 165 | 3 | | (POOLED) | | 3 | 47 | 12 | -2 | -946 | -153 | 36% | 95% | 93% | | | | | |
| 1/31/2018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | (POOLED) | | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 2/28/2018 | 2 | 2 | 2 | 115 | 3,118 | 69 | 171 | | (POOLED) | | 171 | 2,354 | 185 | 56 | -764 | 116 | | 25% | | | | | | |
| 3/31/2018 | 1 | 1 | 1 | 56 | 1,656 | 117 | | | | | | | | -56 | -1,656 | -117 | 100% | 100% | 100% | | | | | |
| 4/30/2018 | | | | | | | | | | | | | | | | | | | | | | | | |
| 5/31/2018 | | | | | | | | | | | | | | | | | | | | | | | | |

ML Investments 1-3
11-075-20026

dark blue = calculated

| Month | Monthly Production - summary of daily sheets from AM | | | | | | Monthly Production - reported to IOGCC | | | | | | | Reported minus Daily | | | % Missing | | | Daily Run Sheets - photos shot at AM | | | | |
|----------------|--|------------|------------|---------------|------------------|---------------|--|----------|----------|----------------|------------------|---------------|---------------|----------------------|-------------|-------------|--------------|-----------|-----------|--------------------------------------|----------------|------------------|---------------|--|
| | oil/cd | days gas | days water | Oil/Cond bbl | Gas mcf | Water bbl | Cond bbl | Oil bbl | NGL bbl | All HC liq bbl | Oil+Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Day | Oil/Cond bldpd | Gas mcfpd | Water bwpd | |
| TOTALS: | 633 | 640 | 475 | 49,132 | 2,744,395 | 62,663 | 65,310 | 0 | | 65,310 | 2,622,158 | 62,483 | 16,178 | -122,237 | -180 | -33% | 4% | 0% | | | 49,132 | 2,744,395 | 62,663 | |
| 9/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 10/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 11/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 12/31/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 1/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 2/28/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 3/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 4/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 5/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 6/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 7/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 8/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 9/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 10/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 11/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 12/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 1/31/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 2/29/2016 | 3 | 3 | 0 | 75 | 4,893 | 0 | 267 | | 134 | 401 | 267 | 5,579 | 0 | 192 | 686 | 0 | | | | | | | | |
| 3/31/2016 | 31 | 31 | 0 | 2,501 | 89,724 | 0 | 2,840 | | 2,456 | 5,296 | 2,840 | 82,415 | 2 | 339 | -7,309 | 2 | | | | | 8% | | | |
| 4/30/2016 | 30 | 30 | 8 | 2,171 | 90,029 | 17 | 2,560 | | 3,442 | 6,002 | 2,560 | 81,730 | 15 | 389 | -8,299 | -2 | | | | | 9% | 12% | | |
| 5/31/2016 | 31 | 31 | 3 | 2,820 | 126,637 | 3 | 3,874 | | 3,086 | 6,960 | 3,874 | 115,782 | 3 | 1,054 | -10,855 | 1 | | | | | 9% | | | |
| 6/30/2016 | 30 | 30 | 3 | 2,674 | 127,907 | 2 | 3,573 | | 5,455 | 9,028 | 3,573 | 115,277 | 2 | 900 | -12,630 | 0 | | | | | 10% | 13% | | |
| 7/31/2016 | 31 | 31 | 2 | 2,362 | 119,934 | 10 | 2,839 | | 5,525 | 8,364 | 2,839 | 111,752 | 10 | 477 | -8,182 | 1 | | | | | 7% | | | |
| 8/31/2016 | 28 | 28 | 11 | 2,796 | 123,097 | 68 | 2,689 | | 5,164 | 7,853 | 2,689 | 117,079 | 76 | -107 | -6,018 | 8 | 4% | | | | 5% | | | |
| 9/30/2016 | 30 | 30 | 30 | 3,365 | 211,149 | 253 | 5,384 | | 5,398 | 10,782 | 5,384 | 201,066 | 251 | 2,020 | -10,083 | -2 | | | | | 5% | 1% | | |
| 10/30/2016 | 31 | 31 | 31 | 2,828 | 144,695 | 179 | 3,568 | | 3,056 | 6,624 | 3,568 | 140,122 | 180 | 740 | -4,573 | 1 | | | | | 3% | | | |
| 11/30/2016 | 30 | 30 | 30 | 3,171 | 230,180 | 243 | 5,966 | | 6,888 | 12,854 | 5,966 | 218,059 | 245 | 2,795 | -12,121 | 3 | | | | | 5% | | | |
| 12/31/2016 | 31 | 31 | 31 | 3,103 | 237,686 | 590 | 6,150 | | 6,721 | 12,871 | 6,150 | 224,607 | 642 | 3,048 | -13,079 | 52 | | | | | 6% | | | |
| 1/31/2017 | 31 | 31 | 31 | 2,294 | 190,369 | 5,135 | 5,163 | | 7,645 | 12,808 | 5,163 | 176,563 | 5,407 | 2,869 | -13,806 | 272 | | | | | 7% | | | |
| 2/28/2017 | 25 | 25 | 25 | 962 | 80,603 | 6,350 | 2,402 | | 0 | | 2,402 | 69,400 | 5,803 | 1,440 | -11,203 | -547 | | | | | 14% | 9% | | |
| 3/31/2017 | 28 | 28 | 28 | 1,646 | 125,971 | 6,325 | 1,698 | | (POOLED) | | 1,698 | 129,997 | 6,807 | 52 | 4,026 | 483 | | | | | | | | |
| 4/30/2017 | 27 | 27 | 27 | 2,811 | 117,914 | 13,110 | 2,856 | | (POOLED) | | 2,856 | 114,437 | 12,632 | 45 | -3,477 | -478 | | | | | 3% | 4% | | |
| 5/31/2017 | 31 | 31 | 31 | 3,285 | 118,721 | 119 | 3,294 | | (POOLED) | | 3,294 | 119,398 | 118 | 9 | 677 | -1 | | | | | | | 1% | |
| 6/30/2017 | 30 | 30 | 30 | 3,070 | 133,749 | 774 | 3,053 | | (POOLED) | | 3,053 | 133,510 | 798 | -17 | -239 | 24 | 1% | | | | 0% | | | |
| 7/31/2017 | 31 | 31 | 31 | 2,352 | 135,110 | 3,699 | 2,314 | | (POOLED) | | 2,314 | 134,156 | 3,748 | -38 | -954 | 49 | 2% | | | | 1% | | | |
| 8/31/2017 | 31 | 31 | 31 | 1,635 | 133,041 | 3,838 | 1,606 | | (POOLED) | | 1,606 | 131,464 | 4,132 | -29 | -1,577 | 294 | 2% | | | | 1% | | | |
| 9/30/2017 | 17 | 18 | 17 | 828 | 47,319 | 7,452 | 857 | | (POOLED) | | 857 | 45,219 | 7,134 | 29 | -2,100 | -318 | | | | | 4% | | 4% | |
| 10/30/2017 | 31 | 31 | 31 | 1,276 | 80,736 | 2,352 | 1,265 | | (POOLED) | | 1,265 | 80,728 | 2,548 | -11 | -8 | 196 | 1% | | | | 0% | | | |
| 11/30/2017 | 30 | 30 | 30 | 830 | 60,260 | 8,606 | 815 | | (POOLED) | | 815 | 58,012 | 8,426 | -15 | -2,248 | -180 | 2% | | | | 4% | 2% | | |
| 12/31/2017 | 10 | 7 | 8 | 192 | 10,103 | 2,718 | 184 | | (POOLED) | | 184 | 11,790 | 2,682 | -8 | 1,687 | -36 | 4% | | | | 1% | 1% | | |
| 1/31/2018 | 5 | 5 | 4 | 85 | 3,533 | 710 | 85 | | (POOLED) | | 85 | 3,514 | 709 | 0 | -19 | -1 | | | | | 1% | 0% | | |
| 2/28/2018 | 0 | 9 | 2 | 0 | 1,035 | 113 | 8 | | (POOLED) | | 8 | 502 | 113 | 8 | -533 | 0 | | | | | 51% | 0% | | |
| 3/31/2018 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | 0 | 0 | 0 | | | | | | | | | |
| 4/30/2018 | | | | | | | | | | | | | | | | | | | | | | | | |
| 5/31/2018 | | | | | | | | | | | | | | | | | | | | | | | | |

CONSERVATION & GAS COMMISSION

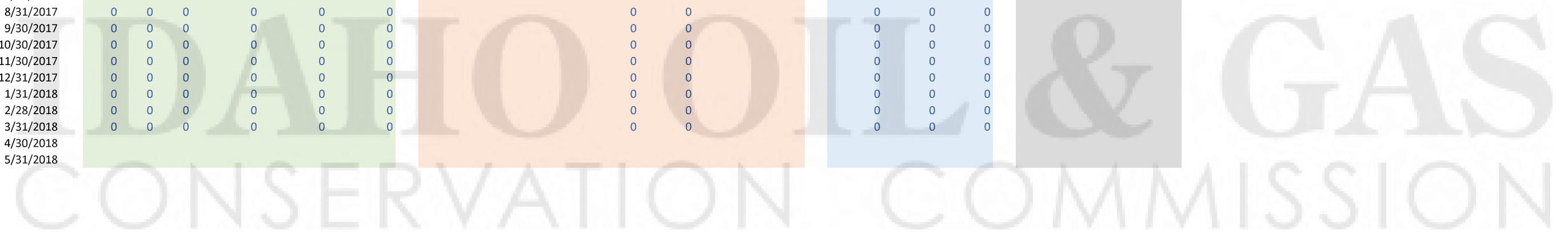
ML Investments 1-10

11-075-20007

State lease

dark blue = calculated

| Month | Monthly Production - summary of daily sheets from AM | | | | | | Monthly Production - reported to IOGCC | | | | | | | Reported minus Daily | | | % Missing | | | Daily Run Sheets - photos shot at AM | | | |
|----------------|--|------------|------------|--------------|----------------|--------------|--|----------|--------------|----------------|--------------|----------------|--------------|----------------------|----------------|------------|--------------|-----------|-------------|--------------------------------------|---------------|----------------|--------------|
| | days oil/cd | days gas | days water | Oil/Cond bbl | Gas mcf | Water bbl | Cond bbl | Oil bbl | NGL bbl | All HC liq bbl | Oil+Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Day | Oil/Cond blpd | Gas mcfpd | Water bwpd |
| TOTALS: | 147 | 148 | 110 | 6,608 | 282,488 | 1,245 | 6,256 | 0 | 6,808 | 13,064 | 6,256 | 266,555 | 1,486 | -352 | -15,933 | 241 | 5% | 6% | -19% | | 6,608 | 282,488 | 1,245 |
| 9/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 10/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 11/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 12/31/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 1/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 2/28/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 3/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 4/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 5/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 6/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 7/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 8/31/2015 | 29 | 29 | 0 | 1,690 | 60,847 | 0 | 868 | | 186 | 1,054 | 868 | 58,711 | 0 | -822 | -2,136 | 0 | 49% | 4% | | | | | |
| 9/30/2015 | 30 | 30 | 24 | 1,291 | 56,809 | 36 | 1,715 | | 1,489 | 3,204 | 1,715 | 51,739 | 36 | 424 | -5,070 | 0 | | | | | | | |
| 10/30/2015 | 27 | 27 | 25 | 950 | 50,491 | 22 | 1,300 | | 1,519 | 2,819 | 1,300 | 49,874 | 103 | 350 | -617 | 81 | | | | | | | |
| 11/30/2015 | 9 | 10 | 9 | 469 | 19,073 | 57 | 339 | | 826 | 1,165 | 339 | 17,866 | 66 | -130 | -1,207 | 9 | 28% | 6% | | | | | |
| 12/31/2015 | 30 | 30 | 30 | 1,225 | 56,480 | 686 | 1,177 | | 1,602 | 2,779 | 1,177 | 54,589 | 820 | -48 | -1,891 | 134 | 4% | 3% | | | | | |
| 1/31/2016 | 22 | 22 | 22 | 982 | 38,788 | 444 | 857 | | 1,186 | 2,043 | 857 | 33,776 | 461 | -125 | -5,012 | 17 | 13% | 13% | | | | | |
| 2/29/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 3/31/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 4/30/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 5/31/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 6/30/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 7/31/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 8/31/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 9/30/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 10/30/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 11/30/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 12/31/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 1/31/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 2/28/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 3/31/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 4/30/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 5/31/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 6/30/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 7/31/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 8/31/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 9/30/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 10/30/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 11/30/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 12/31/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 1/31/2018 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 2/28/2018 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 3/31/2018 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 4/30/2018 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |
| 5/31/2018 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | |



ML Investments 1-11 LT

11-075-20025

have test data

dark blue = calculated

| Month | Monthly Production - summary of daily sheets from AM | | | | | | Monthly Production - reported to IOGCC | | | | | | | Reported minus Daily | | | % Missing | | | Daily Run Sheets - photos shot at AM | | | |
|----------------|--|------------|------------|---------------|------------------|--------------|--|----------|----------|----------------|---------------|------------------|--------------|----------------------|----------------|-------------|--------------|-----------|-----------|--------------------------------------|---------------|------------------|--------------|
| | days oil/cd | days gas | days water | Oil/Cond bbl | Gas mcf | Water bbl | Cond bbl | Oil bbl | NGL bbl | All HC liq bbl | Oil+Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Day | Oil/Cond bbl | Gas mcf | Water bbl |
| TOTALS: | 812 | 829 | 819 | 30,933 | 1,110,087 | 8,643 | 28,989 | 0 | | | 28,989 | 1,048,672 | 8,354 | -1,944 | -61,415 | -289 | 6% | 6% | 3% | | 30,933 | 1,110,087 | 8,643 |
| 9/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 10/30/2014 | 1 | 3 | 4 | 25 | 4 | 486 | 0 | | 0 | 0 | 0 | 0 | -25 | -4 | -486 | | 100% | 100% | 100% | | | | |
| 11/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 12/31/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 1/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 2/28/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 3/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 4/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 5/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 6/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 7/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 8/31/2015 | 28 | 29 | 27 | 2,216 | 46,090 | 242 | 649 | | 137 | 786 | 649 | 45,836 | 244 | -1,567 | -254 | 3 | 71% | 1% | | | | | |
| 9/30/2015 | 30 | 30 | 30 | 2,528 | 61,375 | 494 | 1,902 | | 1,630 | 3,532 | 1,902 | 56,500 | 512 | -626 | -4,875 | 18 | 25% | 8% | | | | | |
| 10/30/2015 | 18 | 18 | 18 | 1,198 | 30,918 | 263 | 990 | | 995 | 1,985 | 990 | 32,288 | 381 | -208 | 1,370 | 118 | 17% | | | | | | |
| 11/30/2015 | 27 | 27 | 26 | 1,519 | 45,319 | 333 | 878 | | 1,960 | 2,838 | 878 | 40,815 | 348 | -641 | -4,504 | 15 | 42% | 10% | | | | | |
| 12/31/2015 | 30 | 30 | 30 | 2,077 | 67,375 | 204 | 1,805 | | 2,172 | 3,977 | 1,805 | 64,900 | 163 | -272 | -2,475 | -41 | 13% | 4% | 20% | | | | |
| 1/31/2016 | 28 | 29 | 29 | 1,894 | 62,953 | 234 | 2,143 | | 2,390 | 4,533 | 2,143 | 58,916 | 306 | 249 | -4,037 | 72 | | 6% | | | | | |
| 2/29/2016 | 29 | 26 | 29 | 2,371 | 81,217 | 373 | 2,094 | | 1,680 | 3,774 | 2,094 | 77,617 | 373 | -277 | -3,600 | 0 | 12% | 4% | 0% | | | | |
| 3/31/2016 | 31 | 31 | 31 | 2,101 | 80,975 | 431 | 2,597 | | 2,103 | 4,700 | 2,597 | 72,323 | 436 | 497 | -8,652 | 5 | | 11% | | | | | |
| 4/30/2016 | 30 | 30 | 30 | 1,703 | 68,144 | 444 | 1,753 | | 2,410 | 4,163 | 1,753 | 61,376 | 444 | 50 | -6,768 | 0 | | 10% | | | | | |
| 5/31/2016 | 31 | 31 | 31 | 1,808 | 66,157 | 509 | 2,084 | | 1,554 | 3,638 | 2,084 | 60,010 | 511 | 276 | -6,147 | 2 | | 9% | | | | | |
| 6/30/2016 | 30 | 30 | 30 | 1,377 | 50,194 | 445 | 1,365 | | 1,834 | 3,199 | 1,365 | 42,485 | 443 | -12 | -7,709 | -2 | 1% | 15% | 0% | | | | |
| 7/31/2016 | 31 | 31 | 31 | 1,170 | 38,104 | 458 | 954 | | 1,666 | 2,620 | 954 | 35,299 | 457 | -216 | -2,805 | -1 | 18% | 7% | 0% | | | | |
| 8/31/2016 | 27 | 27 | 27 | 778 | 22,173 | 387 | 641 | | 1,027 | 1,668 | 641 | 21,078 | 386 | -137 | -1,095 | -1 | 18% | 5% | 0% | | | | |
| 9/30/2016 | 30 | 30 | 30 | 711 | 24,334 | 408 | 850 | | 637 | 1,487 | 850 | 23,464 | 409 | 139 | -870 | 2 | | 4% | | | | | |
| 10/30/2016 | 31 | 31 | 31 | 445 | 20,138 | 464 | 593 | | 422 | 1,015 | 593 | 18,916 | 464 | 148 | -1,222 | 0 | | 6% | | | | | |
| 11/30/2016 | 30 | 30 | 30 | 272 | 13,489 | 394 | 429 | | 374 | 803 | 429 | 11,523 | 392 | 157 | -1,966 | -2 | | 15% | 1% | | | | |
| 12/31/2016 | 29 | 30 | 29 | 108 | 7,395 | 354 | 170 | | 175 | 345 | 170 | 6,608 | 342 | 62 | -787 | -12 | | 11% | 3% | | | | |
| 1/31/2017 | 1 | 0 | 0 | 0 | 0 | 0 | 21 | | 40 | 61 | 21 | 948 | 31 | 21 | 948 | 31 | | | | | | | |
| 2/28/2017 | 22 | 28 | 28 | 254 | 29,878 | 466 | 631 | | 0 | | 631 | 26,506 | 439 | 377 | -3,372 | -26 | | 11% | 6% | | | | |
| 3/31/2017 | 27 | 31 | 31 | 125 | 10,032 | 92 | 132 | | (POOLED) | | 132 | 9,650 | 88 | 7 | -382 | -4 | | 4% | 5% | | | | |
| 4/30/2017 | 29 | 29 | 23 | 37 | 1,862 | 15 | 34 | | (POOLED) | | 34 | 1,696 | 14 | -3 | -166 | -1 | 8% | 9% | 6% | | | | |
| 5/31/2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | (POOLED) | | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| 6/30/2017 | 8 | 8 | 8 | 501 | 13,193 | 71 | 565 | | (POOLED) | | 565 | 14,997 | 74 | 64 | 1,804 | 4 | | | | | | | |
| 7/31/2017 | 31 | 31 | 31 | 1,758 | 61,081 | 64 | 1,746 | | (POOLED) | | 1,746 | 60,802 | 63 | -12 | -279 | 0 | 1% | 0% | 1% | | | | |
| 8/31/2017 | 31 | 31 | 30 | 1,383 | 51,582 | 72 | 1,356 | | (POOLED) | | 1,356 | 50,207 | 68 | -27 | -1,375 | -3 | 2% | 3% | 5% | | | | |
| 9/30/2017 | 30 | 30 | 30 | 828 | 39,574 | 65 | 811 | | (POOLED) | | 811 | 39,295 | 67 | -17 | -279 | 2 | 2% | 1% | | | | | |
| 10/30/2017 | 31 | 31 | 31 | 607 | 36,425 | 106 | 602 | | (POOLED) | | 602 | 35,987 | 107 | -5 | -438 | 1 | 1% | 1% | | | | | |
| 11/30/2017 | 30 | 30 | 30 | 437 | 29,312 | 152 | 434 | | (POOLED) | | 434 | 28,995 | 154 | -3 | -317 | 2 | 1% | 1% | | | | | |
| 12/31/2017 | 25 | 31 | 27 | 302 | 26,213 | 184 | 371 | | NR | | 371 | 25,948 | 211 | 69 | -265 | 27 | | 1% | | | | | |
| 1/31/2018 | 27 | 27 | 28 | 242 | 13,494 | 178 | 238 | | NR | | 238 | 13,170 | 200 | -4 | -324 | 22 | 2% | 2% | | | | | |
| 2/28/2018 | 28 | 28 | 28 | 156 | 10,827 | 250 | 151 | | NR | | 151 | 10,517 | 227 | -5 | -310 | -23 | 3% | 3% | 9% | | | | |
| 3/31/2018 | 1 | 1 | 1 | 3 | 260 | 7 | | | | | | | | -3 | -260 | -7 | 100% | 100% | 100% | | | | |
| 4/30/2018 | | | | | | | | | | | | | | | | | | | | | | | |
| 5/31/2018 | | | | | | | | | | | | | | | | | | | | | | | |

DATA OIL & GAS CONSERVATION COMMISSION

ML Investments 1-11 UT
11-075-20025

dark blue = calculated

| Month | Monthly Production - summary of daily sheets from AM | | | | | | Monthly Production - reported to IOGCC | | | | | | | Reported minus Daily | | | % Missing | | | Daily Run Sheets - photos shot at AM | | | | |
|----------------|--|------------|------------|---------------|------------------|--------------|--|----------|----------|----------------|------------------|--------------|------------|----------------------|-------------|------------|--------------|-----------|-----------|--------------------------------------|----------------|------------------|--------------|--|
| | days oil/cd | days gas | days water | Oil/Cond bbl | Gas mcf | Water bbl | Cond bbl | Oil bbl | NGL bbl | All HC liq bbl | Oil+Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Day | Oil/Cond bblpd | Gas mcfpd | Water bwpd | |
| TOTALS: | 904 | 901 | 810 | 42,680 | 1,818,395 | 5,267 | 43,090 | 0 | | 43,090 | 1,747,734 | 4,839 | 410 | -70,661 | -427 | -1% | 4% | 8% | | | 42,680 | 1,818,395 | 5,267 | |
| 9/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 10/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 11/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 12/31/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 1/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 2/28/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 3/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 4/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 5/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 6/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 7/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | | |
| 8/31/2015 | 27 | 27 | 9 | 2,012 | 52,757 | 30 | 792 | | 168 | 960 | 792 | 51,830 | 21 | -1,220 | -927 | -9 | 61% | 2% | 30% | | | | | |
| 9/30/2015 | 30 | 30 | 23 | 1,898 | 58,530 | 87 | 1,216 | | 1,690 | 2,906 | 1,216 | 53,572 | 87 | -682 | -4,958 | 1 | 36% | 8% | | | | | | |
| 10/30/2015 | 18 | 18 | 16 | 1,081 | 30,682 | 10 | 1,078 | | 1,106 | 2,184 | 1,078 | 32,138 | 51 | -3 | 1,456 | 41 | 0% | | | | | | | |
| 11/30/2015 | 27 | 27 | 19 | 1,432 | 45,676 | 33 | 1,052 | | 2,301 | 3,353 | 1,052 | 41,224 | 41 | -380 | -4,452 | 8 | 27% | 10% | | | | | | |
| 12/31/2015 | 30 | 30 | 22 | 2,040 | 59,697 | 129 | 1,691 | | 2,040 | 3,731 | 1,691 | 58,346 | 95 | -349 | -1,351 | -34 | 17% | 2% | 26% | | | | | |
| 1/31/2016 | 31 | 31 | 31 | 2,429 | 75,123 | 183 | 2,453 | | 2,882 | 5,335 | 2,453 | 68,866 | 209 | 24 | -6,257 | 26 | 8% | | | | | | | |
| 2/29/2016 | 28 | 25 | 28 | 1,717 | 59,449 | 221 | 1,973 | | 1,309 | 3,282 | 1,973 | 62,019 | 223 | 256 | 2,570 | 2 | | | | | | | | |
| 3/31/2016 | 31 | 31 | 25 | 1,709 | 66,160 | 59 | 1,903 | | 1,733 | 3,636 | 1,903 | 60,031 | 53 | 194 | -6,129 | -6 | | 9% | 10% | | | | | |
| 4/30/2016 | 30 | 30 | 11 | 2,206 | 66,493 | 31 | 2,102 | | 2,471 | 4,573 | 2,102 | 60,964 | 36 | -104 | -5,529 | 5 | 5% | 8% | | | | | | |
| 5/31/2016 | 31 | 31 | 26 | 1,999 | 77,119 | 134 | 1,901 | | 1,873 | 3,774 | 1,901 | 70,498 | 132 | -98 | -6,621 | -2 | 5% | 9% | 1% | | | | | |
| 6/30/2016 | 30 | 30 | 28 | 1,737 | 62,279 | 108 | 1,676 | | 2,380 | 4,056 | 1,676 | 56,603 | 105 | -61 | -5,676 | -3 | 3% | 9% | 3% | | | | | |
| 7/31/2016 | 31 | 31 | 30 | 1,488 | 60,218 | 63 | 1,012 | | 2,637 | 3,649 | 1,012 | 56,370 | 63 | -476 | -3,848 | 0 | 32% | 13% | 0% | | | | | |
| 8/31/2016 | 22 | 22 | 17 | 1,120 | 41,462 | 17 | 984 | | 1,727 | 2,711 | 984 | 36,115 | 21 | -136 | -5,347 | 4 | 12% | 13% | | | | | | |
| 9/30/2016 | 30 | 30 | 29 | 1,519 | 66,252 | 204 | 1,903 | | 1,686 | 3,589 | 1,903 | 64,876 | 117 | 384 | -1,376 | -87 | | 2% | 43% | | | | | |
| 10/30/2016 | 31 | 31 | 28 | 1,665 | 70,780 | 171 | 2,242 | | 1,427 | 3,669 | 2,242 | 67,252 | 169 | 577 | -3,528 | -2 | | 5% | 1% | | | | | |
| 11/30/2016 | 30 | 30 | 29 | 1,482 | 69,580 | 241 | 2,206 | | 2,105 | 4,311 | 2,206 | 66,114 | 243 | 724 | -3,466 | 2 | | 5% | | | | | | |
| 12/31/2016 | 31 | 31 | 31 | 1,251 | 64,333 | 314 | 1,786 | | 1,733 | 3,519 | 1,786 | 61,727 | 187 | 535 | -2,606 | -127 | | 4% | 40% | | | | | |
| 1/31/2017 | 31 | 31 | 31 | 1,234 | 60,999 | 173 | 1,958 | | 2,496 | 4,454 | 1,958 | 54,778 | 128 | 724 | -6,221 | -45 | | 10% | 26% | | | | | |
| 2/28/2017 | 28 | 28 | 28 | 1,070 | 62,333 | 273 | 1,544 | | 0 | | 1,544 | 57,445 | 112 | 474 | -4,888 | -161 | | 8% | 59% | | | | | |
| 3/31/2017 | 31 | 31 | 31 | 1,084 | 64,665 | 172 | 1,082 | | (POOLED) | | 1,082 | 64,180 | 57 | -2 | -485 | -115 | | 0% | 1% | 67% | | | | |
| 4/30/2017 | 30 | 30 | 30 | 934 | 63,021 | 222 | 929 | | (POOLED) | | 929 | 62,750 | 228 | -5 | -271 | 6 | | 1% | 0% | | | | | |
| 5/31/2017 | 31 | 31 | 31 | 1,233 | 65,730 | 298 | 1,265 | | (POOLED) | | 1,265 | 65,267 | 300 | 32 | -463 | 2 | | | 1% | | | | | |
| 6/30/2017 | 22 | 22 | 22 | 835 | 36,592 | 345 | 800 | | (POOLED) | | 800 | 35,721 | 347 | -35 | -871 | 2 | | 4% | 2% | | | | | |
| 7/31/2017 | 31 | 31 | 31 | 990 | 52,998 | 299 | 1,005 | | (POOLED) | | 1,005 | 53,214 | 293 | 15 | 216 | -6 | | | | 2% | | | | |
| 8/31/2017 | 31 | 31 | 22 | 1,029 | 59,304 | 186 | 1,021 | | (POOLED) | | 1,021 | 58,968 | 262 | -8 | -336 | 76 | | 1% | 1% | | | | | |
| 9/30/2017 | 30 | 30 | 30 | 1,094 | 55,525 | 255 | 1,086 | | (POOLED) | | 1,086 | 55,178 | 255 | -8 | -347 | 0 | | 1% | 1% | 0% | | | | |
| 10/30/2017 | 31 | 31 | 31 | 878 | 57,306 | 253 | 882 | | (POOLED) | | 882 | 58,795 | 252 | 4 | 1,489 | -1 | | | | 0% | | | | |
| 11/30/2017 | 30 | 30 | 30 | 843 | 56,974 | 230 | 842 | | (POOLED) | | 842 | 56,633 | 229 | -1 | -341 | -1 | | 0% | 1% | 0% | | | | |
| 12/31/2017 | 31 | 30 | 31 | 807 | 56,598 | 230 | 806 | | (POOLED) | | 806 | 57,100 | 228 | -1 | 502 | -2 | | 0% | 1% | | | | | |
| 1/31/2018 | 31 | 31 | 31 | 1,047 | 49,767 | 184 | 1,050 | | (POOLED) | | 1,050 | 49,432 | 183 | 3 | -335 | -1 | | | 1% | 0% | | | | |
| 2/28/2018 | 27 | 28 | 28 | 785 | 48,234 | 114 | 817 | | (POOLED) | | 817 | 47,969 | 110 | 32 | -265 | -4 | | | 1% | 4% | | | | |
| 3/31/2018 | 1 | 1 | 1 | 33 | 1,759 | 2 | 33 | | (POOLED) | | 33 | 1,759 | 2 | 0 | 0 | 0 | | | | | | | | |
| 4/30/2018 | | | | | | | | | | | | | | | | | | | | | | | | |
| 5/31/2018 | | | | | | | | | | | | | | | | | | | | | | | | |

CONSERVATION & GAS COMMISSION

ML Investments 2-3
11-075-20029

dark blue = calculated

| Month | Monthly Production - summary of daily sheets from AM | | | | | | Monthly Production - reported to IOGCC | | | | | | Reported minus Daily | | | % Missing | | | Daily Run Sheets - photos shot at AM | | | | |
|----------------|--|------------|------------|---------------|----------------|--------------|--|----------|---------|----------------|----------------|--------------|----------------------|----------------|-----------|-------------|--------------|-----------|--------------------------------------|-----|---------------|----------------|--------------|
| | days oil/cd | days gas | days water | Oil/Cond bbl | Gas mcf | Water bbl | Cond bbl | Oil bbl | NGL bbl | All HC liq bbl | Oil+Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Day | Oil/Cond blpd | Gas mcfpd | Water bwpd |
| TOTALS: | 428 | 459 | 386 | 16,344 | 655,070 | 1,158 | 19,528 | 0 | | 19,528 | 603,817 | 1,155 | 3,184 | -51,253 | -3 | -19% | 8% | 0% | | | 16,344 | 655,070 | 1,158 |
| 9/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 10/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 11/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 12/31/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 1/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 2/28/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 3/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 4/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 5/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 6/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 7/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 8/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 9/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 10/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 11/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 12/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 1/31/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 2/29/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 3/31/2016 | 30 | 30 | 17 | 1,216 | 35,075 | 46 | 1,379 | | 1,020 | 2,399 | 1,379 | 32,513 | 46 | 163 | -2,562 | 0 | | 7% | 0% | | | | |
| 4/30/2016 | 30 | 30 | 30 | 1,387 | 33,511 | 37 | 1,240 | | 1,374 | 2,614 | 1,240 | 31,548 | 38 | -147 | -1,963 | 1 | 11% | 6% | | | | | |
| 5/31/2016 | 31 | 31 | 31 | 1,635 | 48,983 | 93 | 2,382 | | 1,926 | 4,308 | 2,382 | 43,080 | 94 | 747 | -5,903 | 1 | | 12% | | | | | |
| 6/30/2016 | 30 | 30 | 28 | 1,186 | 47,693 | 40 | 1,347 | | 2,041 | 3,388 | 1,347 | 43,390 | 39 | 161 | -4,303 | -1 | | 9% | 2% | | | | |
| 7/31/2016 | 31 | 31 | 31 | 1,144 | 43,223 | 92 | 1,303 | | 2,010 | 3,313 | 1,303 | 39,515 | 91 | 159 | -3,708 | -1 | | 9% | 1% | | | | |
| 8/31/2016 | 27 | 27 | 27 | 946 | 36,064 | 82 | 877 | | 1,620 | 2,497 | 877 | 34,044 | 83 | -69 | -2,020 | 1 | 7% | 6% | | | | | |
| 9/30/2016 | 30 | 30 | 30 | 1,197 | 52,829 | 115 | 1,806 | | 1,405 | 3,211 | 1,806 | 50,707 | 116 | 609 | -2,122 | 1 | | 4% | | | | | |
| 10/30/2016 | 31 | 31 | 29 | 999 | 45,932 | 117 | 1,165 | | 901 | 2,066 | 1,165 | 42,586 | 111 | 166 | -3,346 | -6 | | 7% | 5% | | | | |
| 11/30/2016 | 3 | 3 | 0 | 3 | 193 | 0 | 3 | | 2 | 5 | 3 | 71 | 0 | 0 | -122 | 0 | | 63% | | | | | |
| 12/31/2016 | 6 | 8 | 5 | 75 | 4,018 | 7 | 93 | | 106 | 199 | 93 | 3,858 | 7 | 18 | -160 | 0 | | 4% | 3% | | | | |
| 1/31/2017 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | | 25 | 45 | 20 | 584 | 1 | 20 | 584 | 1 | | | | | | | |
| 2/28/2017 | 28 | 28 | 27 | 1,250 | 83,996 | 143 | 2,645 | | 0 | 2,645 | 2,645 | 80,541 | 148 | 1,395 | -3,455 | 5 | | 4% | | | | | |
| 3/31/2017 | 22 | 22 | 21 | 707 | 40,962 | 97 | 669 | (POOLED) | | | 669 | 37,981 | 92 | -38 | -2,981 | -5 | 5% | 7% | 6% | | | | |
| 4/30/2017 | 10 | 10 | 10 | 610 | 20,269 | 64 | 662 | (POOLED) | | | 662 | 22,018 | 69 | 52 | 1,749 | 5 | | | | | | | |
| 5/31/2017 | 21 | 21 | 21 | 978 | 31,647 | 103 | 969 | (POOLED) | | | 969 | 30,926 | 102 | -9 | -721 | -1 | 1% | 2% | 1% | | | | |
| 6/30/2017 | 15 | 19 | 15 | 638 | 20,441 | 50 | 595 | (POOLED) | | | 595 | 19,019 | 45 | -43 | -1,422 | -5 | 7% | 7% | 9% | | | | |
| 7/31/2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (POOLED) | | | 0 | 597 | 0 | 0 | 597 | 0 | | | | | | | |
| 8/31/2017 | 18 | 20 | 15 | 756 | 23,798 | 28 | 757 | (POOLED) | | | 757 | 23,677 | 28 | 1 | -121 | 0 | | 1% | | | | | |
| 9/30/2017 | 16 | 11 | 10 | 508 | 12,268 | 11 | 508 | (POOLED) | | | 508 | 12,194 | 11 | 0 | -74 | 0 | | 1% | | | | | |
| 10/30/2017 | 0 | 4 | 0 | 0 | 147 | 0 | 0 | (POOLED) | | | 0 | 146 | 0 | 0 | -1 | 0 | | 1% | | | | | |
| 11/30/2017 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | (POOLED) | | | 44 | 1,673 | 2 | 44 | 1,673 | 2 | | | | | | | |
| 12/31/2017 | 17 | 26 | 10 | 469 | 16,754 | 12 | 425 | (POOLED) | | | 425 | 14,959 | 10 | -44 | -1,795 | -2 | 9% | 11% | 18% | | | | |
| 1/31/2018 | 15 | 30 | 14 | 328 | 18,229 | 13 | 350 | (POOLED) | | | 350 | 19,691 | 13 | 22 | 1,462 | 0 | | | | | | | |
| 2/28/2018 | 17 | 17 | 15 | 313 | 39,038 | 10 | 289 | (POOLED) | | | 289 | 18,499 | 9 | -24 | -20,539 | -1 | 8% | 53% | 8% | | | | |
| 3/31/2018 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 4/30/2018 | | | | | | | | | | | | | | | | | | | | | | | |
| 5/31/2018 | | | | | | | | | | | | | | | | | | | | | | | |

DAIRY OIL & GAS CONSERVATION COMMISSION

ML Investments 2-10

11-075-20022

State lease dark blue = calculated

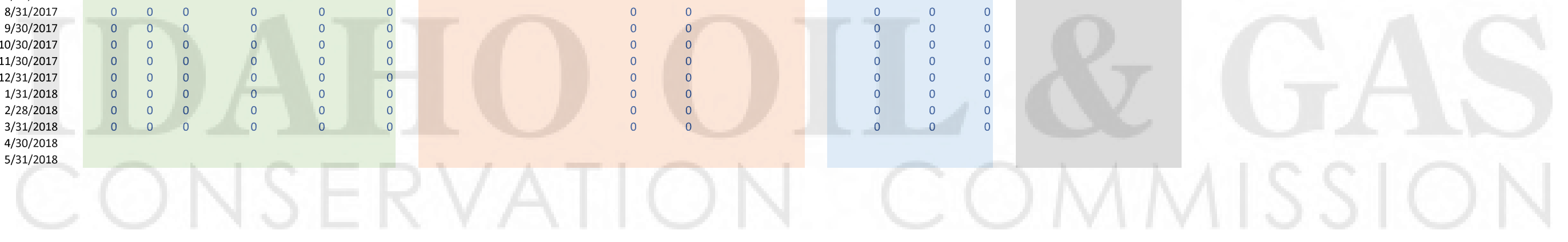
| Month | Monthly Production - summary of daily sheets from AM | | | | | | Monthly Production - reported to IOGCC | | | | | | | Reported minus Daily | | | % Missing | | | Daily Run Sheets - photos shot at AM | | | |
|----------------|--|------------|------------|---------------|------------------|---------------|--|----------|----------|----------------|------------------|---------------|------------|----------------------|------------|-----------|--------------|-----------|-----------|--------------------------------------|------------------|---------------|-------------|
| | days oil/cd | days gas | days water | Oil/Cond bbl | Gas mcf | Water bbl | Cond bbl | Oil bbl | NGL bbl | All HC liq bbl | Oil+Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Day | Oil/Cond bblpd | Gas mcfpd | Water bblpd |
| TOTALS: | 904 | 902 | 852 | 64,720 | 2,581,386 | 32,080 | 64,851 | 0 | | 64,851 | 2,448,859 | 32,190 | 131 | -132,527 | 110 | 0% | 5% | 0% | | 64,720 | 2,581,386 | 32,080 | |
| 9/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 10/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 11/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 12/31/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 1/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 2/28/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 3/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 4/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 5/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 6/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 7/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | | | | | | | |
| 8/31/2015 | 2 | 2 | 2 | 41 | 1,741 | 76 | 37 | | 9 | 46 | 37 | 3,228 | 114 | -4 | 1,487 | 39 | 10% | | | | | | |
| 9/30/2015 | 30 | 30 | 30 | 2,852 | 64,981 | 298 | 1,984 | | 1,705 | 3,689 | 1,984 | 59,725 | 271 | -868 | -5,256 | -27 | 30% | 8% | 9% | | | | |
| 10/30/2015 | 29 | 30 | 10 | 2,759 | 58,841 | 67 | 2,708 | | 2,064 | 4,772 | 2,708 | 61,028 | 63 | -51 | 2,187 | -4 | 2% | | 7% | | | | |
| 11/30/2015 | 27 | 27 | 2 | 2,293 | 54,206 | 3 | 1,525 | | 2,575 | 4,100 | 1,525 | 48,703 | 14 | -768 | -5,503 | 12 | 33% | 10% | | | | | |
| 12/31/2015 | 30 | 30 | 23 | 2,305 | 73,261 | 275 | 2,042 | | 2,215 | 4,257 | 2,042 | 71,040 | 199 | -263 | -2,221 | -76 | 11% | 3% | 28% | | | | |
| 1/31/2016 | 31 | 31 | 31 | 2,754 | 103,143 | 507 | 3,117 | | 3,514 | 6,631 | 3,117 | 94,656 | 585 | 363 | -8,487 | 78 | | 8% | | | | | |
| 2/29/2016 | 29 | 26 | 29 | 2,789 | 83,306 | 451 | 2,436 | | 1,801 | 4,237 | 2,436 | 86,467 | 447 | -353 | 3,161 | -4 | 13% | | 1% | | | | |
| 3/31/2016 | 31 | 31 | 31 | 2,615 | 90,835 | 527 | 2,873 | | 3,411 | 6,284 | 2,873 | 83,016 | 536 | 258 | -7,819 | 9 | | 9% | | | | | |
| 4/30/2016 | 30 | 30 | 30 | 2,731 | 99,101 | 485 | 2,611 | | 3,573 | 6,184 | 2,611 | 90,214 | 482 | -120 | -8,887 | -3 | 4% | 9% | 1% | | | | |
| 5/31/2016 | 31 | 31 | 31 | 2,734 | 99,903 | 465 | 2,814 | | 2,492 | 5,306 | 2,814 | 91,203 | 462 | 80 | -8,700 | -3 | | 9% | 1% | | | | |
| 6/30/2016 | 30 | 30 | 30 | 2,397 | 78,378 | 601 | 2,201 | | 3,275 | 5,476 | 2,201 | 70,765 | 604 | -196 | -7,613 | 3 | 8% | 10% | | | | | |
| 7/31/2016 | 31 | 31 | 31 | 2,276 | 68,817 | 706 | 1,761 | | 3,161 | 4,922 | 1,761 | 64,907 | 714 | -515 | -3,910 | 8 | 23% | 6% | | | | | |
| 8/31/2016 | 28 | 28 | 28 | 2,057 | 67,851 | 875 | 1,808 | | 3,026 | 4,834 | 1,808 | 64,381 | 908 | -249 | -3,470 | 34 | 12% | 5% | | | | | |
| 9/30/2016 | 30 | 30 | 29 | 2,342 | 103,201 | 1,263 | 3,146 | | 2,677 | 5,823 | 3,146 | 99,141 | 1,242 | 804 | -4,060 | -21 | | 4% | 2% | | | | |
| 10/30/2016 | 31 | 31 | 31 | 2,181 | 67,520 | 988 | 1,943 | | 1,390 | 3,333 | 1,943 | 66,355 | 1,022 | -238 | -1,165 | 34 | 11% | 2% | | | | | |
| 11/30/2016 | 30 | 30 | 30 | 2,329 | 110,220 | 1,628 | 3,351 | | 3,374 | 6,725 | 3,351 | 105,234 | 1,621 | 1,022 | -4,986 | -7 | | 5% | 0% | | | | |
| 12/31/2016 | 31 | 31 | 31 | 2,344 | 106,115 | 1,743 | 2,933 | | 2,884 | 5,817 | 2,933 | 101,955 | 1,751 | 589 | -4,160 | 8 | | 4% | | | | | |
| 1/31/2017 | 31 | 31 | 31 | 2,373 | 105,061 | 1,681 | 3,067 | | 4,259 | 7,326 | 3,067 | 94,965 | 1,675 | 694 | -10,096 | -6 | | 10% | 0% | | | | |
| 2/28/2017 | 28 | 28 | 28 | 2,181 | 99,430 | 1,686 | 2,776 | | 0 | | 2,776 | 92,771 | 1,689 | 595 | -6,659 | 3 | | 7% | | | | | |
| 3/31/2017 | 31 | 31 | 31 | 2,313 | 138,015 | 1,982 | 2,310 | | (POOLED) | | 2,310 | 105,907 | 2,000 | -3 | -32,108 | 18 | 0% | 23% | | | | | |
| 4/30/2017 | 30 | 30 | 30 | 2,140 | 100,512 | 1,943 | 2,132 | | (POOLED) | | 2,132 | 99,858 | 1,930 | -8 | -654 | -13 | 0% | 1% | 1% | | | | |
| 5/31/2017 | 31 | 31 | 31 | 2,665 | 103,466 | 1,977 | 2,080 | | (POOLED) | | 2,080 | 99,821 | 2,039 | -585 | -3,645 | 62 | 22% | 4% | | | | | |
| 6/30/2017 | 30 | 30 | 30 | 1,842 | 95,541 | 1,370 | 1,851 | | (POOLED) | | 1,851 | 94,935 | 1,329 | 9 | -606 | -41 | | 1% | 3% | | | | |
| 7/31/2017 | 31 | 31 | 31 | 1,785 | 92,884 | 782 | 1,778 | | (POOLED) | | 1,778 | 92,178 | 783 | -7 | -706 | 1 | 0% | 1% | | | | | |
| 8/31/2017 | 31 | 31 | 31 | 1,524 | 87,915 | 888 | 1,519 | | (POOLED) | | 1,519 | 87,341 | 891 | -5 | -574 | 3 | 0% | 1% | | | | | |
| 9/30/2017 | 30 | 30 | 30 | 1,537 | 84,825 | 920 | 1,538 | | (POOLED) | | 1,538 | 84,354 | 937 | 2 | -471 | 18 | | 1% | | | | | |
| 10/30/2017 | 31 | 31 | 31 | 1,594 | 87,654 | 992 | 1,592 | | (POOLED) | | 1,592 | 84,059 | 979 | -2 | -3,595 | -13 | 0% | 4% | 1% | | | | |
| 11/30/2017 | 30 | 30 | 30 | 1,507 | 79,014 | 976 | 1,507 | | (POOLED) | | 1,507 | 78,474 | 1,013 | 0 | -540 | 37 | 0% | 1% | | | | | |
| 12/31/2017 | 31 | 31 | 31 | 1,498 | 75,539 | 1,237 | 1,493 | | (POOLED) | | 1,493 | 74,883 | 1,247 | -5 | -656 | 10 | 0% | 1% | | | | | |
| 1/31/2018 | 31 | 31 | 31 | 1,298 | 65,532 | 1,826 | 1,288 | | (POOLED) | | 1,288 | 64,744 | 1,854 | -10 | -788 | 28 | 1% | 1% | | | | | |
| 2/28/2018 | 27 | 27 | 27 | 665 | 34,578 | 2,863 | 630 | | (POOLED) | | 630 | 32,551 | 2,789 | -35 | -2,027 | -74 | 5% | 6% | 3% | | | | |
| 3/31/2018 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | 0 | 0 | 0 | | | | | | | | |
| 4/30/2018 | | | | | | | | | | | | | | | | | | | | | | | |
| 5/31/2018 | | | | | | | | | | | | | | | | | | | | | | | |

CONSERVATION COMMISSION OIL & GAS

Wellname
API #

dark blue = calculated

| Month | Monthly Production - summary of daily sheets from AM | | | | | | Monthly Production - reported to IOGCC | | | | | | | Reported minus Daily | | | % Missing | | | Daily Run Sheets - photos shot at AM | | | |
|----------------|--|-------------|---------------|-----------------|------------|--------------|--|------------|------------|-------------------|-----------------|------------|--------------|----------------------|------------|--------------|-----------------|------------|--------------|--------------------------------------|------------------|--------------|---------------|
| | days oil/cd | days gas | days water | Oil/Cond bbl | Gas mcf | Water bbl | Cond bbl | Oil bbl | NGL bbl | All HC liq bbl | Oil+Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Oil/Cond bbl | Gas mcf | Water bbl | Day | Oil/Cond blpd | Gas mcfpd | Water bwpd |
| TOTALS: | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | #DIV/0! | #DIV/0! | #DIV/0! | | 0 | 0 | 0 |
| 9/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 10/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 11/30/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 12/31/2014 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 1/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 2/28/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 3/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 4/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 5/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 6/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 7/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 8/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 9/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 10/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 11/30/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 12/31/2015 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 1/31/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 2/29/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 3/31/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 4/30/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 5/31/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 6/30/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 7/31/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 8/31/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 9/30/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 10/30/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 11/30/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 12/31/2016 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 1/31/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 2/28/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 3/31/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 4/30/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 5/31/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 6/30/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 7/31/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 8/31/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 9/30/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 10/30/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 11/30/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 12/31/2017 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 1/31/2018 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 2/28/2018 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 3/31/2018 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | |
| 4/30/2018 | | | | | | | | | | | | | | | | | | | | | | | |
| 5/31/2018 | | | | | | | | | | | | | | | | | | | | | | | |



| State 1-17 | | | | | | | | | |
|---------------|-------------------------|--------------------|----------------------|---------------|---------------|-----------------|---------------------|------------------|--------------------|
| DATE: | Produced Oil/Cond (BBL) | Produced Gas (MCF) | Produced Water (BBL) | Rpt Con (BBL) | Rpt GAS (MCF) | Rpt Water (BBL) | Dif in Liquid (BBL) | Dif in GAS (MCF) | Dif in Water (BBL) |
| 3/1/2017 | 0 | 1235 | 0 | 0 | 0 | 0 | 0 | -1235 | 0 |
| 2/1/2017 | 0 | 572 | 0 | 0 | 552 | 0 | 0 | -20 | 0 |
| 1/1/2017 | 0 | 957 | 0 | 0 | 939 | 0 | 0 | -18 | 0 |
| 12/1/2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11/1/2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10/1/2016 | 0 | 102 | 0 | 0 | 82 | 0 | 0 | -20 | 0 |
| 9/1/2016 | 0 | 581 | 0 | 0 | 673 | 0 | 0 | 92 | 0 |
| 8/1/2016 | 0 | 0 | 0 | 0 | 573 | 0 | 0 | 573 | 0 |
| 7/1/2016 | 0 | 483 | 0 | 0 | 877 | 0 | 0 | 394 | 0 |
| 6/1/2016 | 0 | 824 | 0 | 0 | 746 | 0 | 0 | -78 | 0 |
| 5/1/2016 | 0 | 211 | 0 | 0 | 0 | 0 | 0 | -211 | 0 |
| 4/1/2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3/1/2016 | 0 | 452 | 0 | 0 | 365 | 0 | 0 | -87 | 0 |
| 2/1/2016 | 0 | 494 | 0 | 0 | 441 | 0 | 0 | -53 | 0 |
| 1/1/2016 | 0 | 943 | 0 | 0 | 1011 | 0 | 0 | 68 | 0 |
| 12/1/2015 | 0 | 228 | 0 | 0 | 213 | 0 | 0 | -15 | 0 |
| 11/1/2015 | 0 | 1168 | 0 | 0 | 1057 | 0 | 0 | -111 | 0 |
| 10/1/2015 | 0 | 1254 | 0 | 0 | 1106 | 0 | 0 | -148 | 0 |
| 9/1/2015 | 0 | 1050 | 0 | 0 | 1014 | 0 | 0 | -36 | 0 |
| 8/1/2015 | 0 | 1344 | 0 | 0 | 1295 | 0 | 0 | -49 | 0 |
| 7/1/2015 | 0 | 396 | 0 | 0 | 290 | 0 | 0 | -106 | 0 |
| 6/1/2015 | 0 | 419 | 0 | 0 | 328 | 0 | 0 | -91 | 0 |
| 5/1/2015 | 0 | 509 | 0 | 0 | 414 | 0 | 0 | -95 | 0 |
| 4/1/2015 | 0 | 554 | 0 | 0 | 458 | 0 | 0 | -96 | 0 |
| 3/1/2015 | 0 | 616 | 0 | 0 | 519 | 0 | 0 | -97 | 0 |
| 2/1/2015 | 0 | 707 | 0 | 0 | 633 | 0 | 0 | -74 | 0 |
| 1/1/2015 | 0 | 1211 | 0 | 0 | 1096 | 0 | 0 | -115 | 0 |
| 12/1/2014 | 0 | 1726 | 0 | 0 | 1602 | 0 | 0 | -124 | 0 |
| 11/1/2014 | 0 | 2351 | 0 | 0 | 2246 | 0 | 0 | -105 | 0 |
| 10/1/2014 | 0 | 507 | 0 | 0 | 522 | 0 | 0 | 15 | 0 |
| 9/1/2014 | 0 | 1097 | 0 | 0 | 931 | 0 | 0 | -166 | 0 |
| 8/1/2014 | 0 | 1474 | 0 | 0 | 1497 | 0 | 0 | 23 | 0 |
| 7/1/2014 | 0 | 1031 | 0 | 0 | 942 | 0 | 0 | -89 | 0 |
| 6/1/2014 | 0 | 455 | 0 | 0 | 360 | 0 | 0 | -95 | 0 |
| 5/1/2014 | 0 | 878 | 0 | 0 | 750 | 0 | 0 | -128 | 0 |
| 4/1/2014 | 0 | 1647 | 0 | 0 | 1608 | 0 | 0 | -39 | 0 |
| 3/1/2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2/1/2014 | 0 | 2181 | 0 | 0 | 2134 | 0 | 0 | -47 | 0 |
| TOTAL: | 0 | 29657 | 0 | 0 | 27274 | 0 | 0 | -2383 | 0 |
| | | | | | | | 0.0% | 8.7% | 0.0% |

IDAHO OIL & GAS
CONSERVATION COMMISSION

| ML Investments 3-10 UC | | | | | | | | | |
|------------------------|-------------------------|--------------------|----------------------|---------------|---------------|-----------------|---------------------|------------------|--------------------|
| DATE: | Produced Oil/Cond (BBL) | Produced Gas (MCF) | Produced Water (BBL) | Rpt Con (BBL) | Rpt GAS (MCF) | Rpt Water (BBL) | Dif in Liquid (BBL) | Dif in GAS (MCF) | Dif in Water (BBL) |
| 3/1/2018 | | | | | | | | | |
| 2/1/2018 | 2075.4 | 55564 | 122.6 | 2165 | 57945 | 129 | 89.6 | 2381 | 6.4 |
| | | | | | | | -4.1% | -4.1% | -5.0% |



IDAHO OIL & GAS

CONSERVATION COMMISSION

History of Oil and Gas Regulations

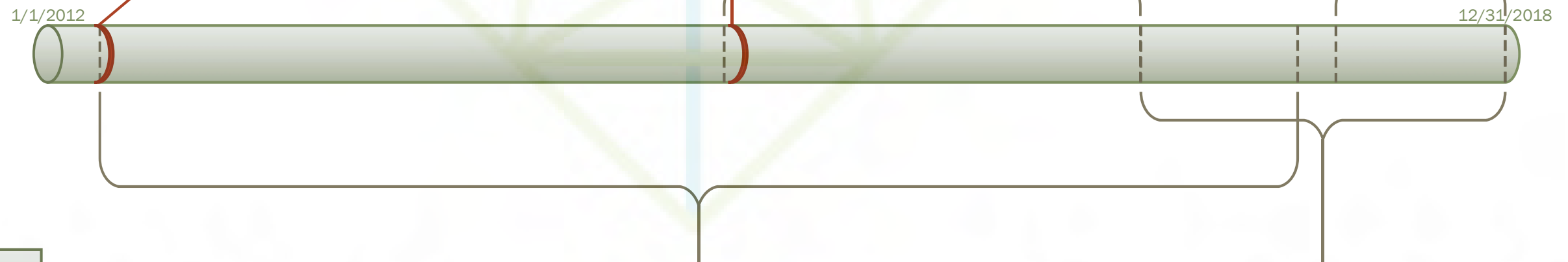
10/21/1992
 RULE 20.07.02.310.04
 Monthly report showing all produced and injected volumes for wells using artificial lift or enhanced recover (not the type of wells we have in Idaho).
 20.07.02.090
 Well completion report due within 30 days of completion – including first production and well logs.
 20.07.02.290
 Gas-Oil ratio surveys and reports due 30 days after completion.

3/29/2012
 20.07.02.095.03
 Annual report for active wells. Well summary describing current status as well as future plans.
 20.07.02.55.6
 Report due within 30 days of well treatment including daily production before and after treatment. (There have been no treatments in Idaho).
 20.07.02.010.11
 Completion defined as the point at which A well produces hydrocarbons through A wellhead after casing has been run.

4/15/2015
 20.07.02.400
 Monthly production reports first mentioned. Annual reports also due.

4/1/2015 - 3/31/2017
 Statute 47-319(5)(i)
 Production reports are confidential for 6 months.

3/9/2018 - 12/31/2018
 O&G Division Administrator updates reporting requirements to include all quantities of oil and gas, including condensate, that are removed from the well to be reported. This includes testing volumes.



1/1/1963 to 3/31/2012
 Statute 47-319(a)(9)
 Producers must keep and maintain complete and accurate records for 5 years for the commission or their appointees to review.

4/1/2012 - 1/1/2018
 5 years worth of data was reworded to state producers of oil "AND" gas instead of "OR"
 Disclosure of logs was also authorized.

4/1/2017 - 12/31/2018
 47-319(5)(i)
 Amended to remove 6 month confidentiality statement pursuant to 74-107 regarding production. Well reporting was moved to 47-324.
 47-324
 Modern reporting requirements put into place.

IDAHO OIL & GAS
 CONSERVATION COMMISSION

Full wording of referenced Statutes/Rules

- 1963-2012 - 47-319(a)(9) That every person who produces oil or gas in the state keep and maintain for a period of five (5) years complete and accurate records of the quantities thereof, which records, or certified copies thereof, shall be available for examination by the commission or its agents at all reasonable times within said period, and that every such person file with the commission such reasonable reports as it may prescribe with respect to such oil or gas production;
- 1992-2012 - 20.07.02.310.04 Records and Reports. Each operator of a pressure maintenance or secondary recovery project shall keep accurate records showing oil produced, injected volumes, and injection pressure. Each operator shall file with the director a monthly report which shall show all produced and injected volumes and other data as required by the Commission. (10-21-92)
- 1992-present – 20.07.02.090 (moved to 20.07.02.340 in 2015) WELL COMPLETION/RECOMPLETION REPORT AND WELL LOG. Within thirty (30) days after the completion of a well drilled for oil or gas, or the recompletion of a well into a different source of supply, or where the producing interval is changed, a completion report shall be filed with the Commission, on a form prescribed by the Commission. Such report shall include name, number, and exact location of the well; lease name, date of completion and date of first production, if any; name and depth of reservoir(s) if a multiple completion, from which well is producing; initial production test, including oil, gas, and water, if any; a well log as defined in Section 010; and such other information as the Commission may require. (10-21-92)
- 1992-present – 20.07.02.290 (moved to 20.07.02.405 in 2015) GAS-OIL RATIO SURVEYS AND REPORTS. Within thirty (30) days following the completion or recompletion of each well producing oil and gas and thereafter as the Commission may require, the operator of such well shall make a gas-oil ratio test of such well and the results of such test shall be reported to the Commission within twenty (20) days after the test is made. Certain wells may be excepted from this rule by the director upon written request. Entire fields may be excepted from this rule after notice and hearing. (NOTE: “Commission” was changed to “Department” in 2012)
- 2012-present – 20.07.02.095.03 (moved to 20.07.02.500.03 in 2015) ANNUAL REPORTS FOR ACTIVE WELLS. The owner or operator shall submit an annual report to the Department describing the current status of the well and the plans for future well operations. Failure to submit the annual report may result in the Department declaring the well inactive.
- 2012-present – 20.07.02.010.11 (moved to 20.07.02.010.12 in 2015) COMPLETION. An oil well shall be considered completed when the first new oil is produced through wellhead equipment into lease tanks from the ultimate producing interval after the production casing has been run. A gas well shall be considered completed when the well is capable of producing gas through wellhead equipment from the ultimate producing zone after the production casing has been run.
- 2012-present – 20.07.02.06 REPORTING REQUIREMENTS. A report on the well treatment must be submitted within thirty (30) days of the treatment. The report shall present a detailed account of the work done and the manner in which such work was performed, including:
 - a. The daily production of oil, gas, and water both prior to and after the operation.
 - b. The size and depth of perforations.
 - c. Percentages by volume and total volumes of base treatment fluid, individual additives, and proppant(s). This requirement can be met by submittal of well completion field tickets if they contain this information.
 - d. Documentation demonstrating the chemicals used in the well treatment have been reported to the website www.fracfocus.org, its successor website, or another publicly accessible database approved by the Department. The chemical information must be reported in a systems approach. (4-11-15)
 - e. Information specific to hydraulic fracturing, as described in Section 211 of these rules. (4-11-15)
 - f. Static pressure testing results before and after the well treatment. (3-29-12)
 - g. The amounts, handling, and if necessary, disposal at an identified appropriate disposal facility, or reuse of the well stimulation fluid load recovered during flow back, swabbing, and/or recovery from production facility vessels. Reporting of recovered fluids shall be included with other monthly production reports required by the Department. Storage of such fluid shall be protective of ground water as demonstrated by the use of either tanks or authorized lined pits as described in Section 230 of these rules. (4-11-15)
 - h. Any other information related to operations which alter the performance or characteristics of the well.

Full wording of referenced Statutes/Rules

- 2012 - 47-319(4)(i) That every person who produces oil and gas in the state keep and maintain for a period of five (5) years complete and accurate records of the quantities thereof, which records, or certified copies thereof, shall be available for examination by the commission or its agents at all reasonable times within said period, and that every such person file with the commission such reasonable reports as it may prescribe with respect to such oil or gas production;
- 2012 – 47-319(3)(b) Without limiting its general authority, the commission shall have the specific authority:... To require: The taking and preservation of samples and the making and filing with the commission of true and correct copies of well logs and directional surveys both in form and content as prescribed by the commission; provided, however, that logs of exploratory or wildcat wells marked confidential shall be subject to disclosure according to chapter 3, title 9, Idaho Code. And provided further, that after four (4) months from the effective date of this act, the commission may require the owner of a well theretofore drilled for oil or gas to file within four (4) months of such order a true and correct copy of the log or logs of such
- 2015 – 47-319(5)(i) That every person who produces oil and gas in the state keep and maintain for a period of five (5) years complete and accurate records of the quantities thereof, which records, or certified copies thereof, shall be available for examination by the commission or its agents at all reasonable times within said period, and that every such person file with the commission such reasonable reports as it may prescribe with respect to such oil or gas production. Provided however, that reports of oil and gas production shall be kept confidential by the commission and shall be exempt from disclosure pursuant to section 9-340D, Idaho Code, for a period of six (6) months from the date of filing the initial production report for a well with the commission, and thereafter all production reports for a well shall be subject to disclosure pursuant to chapter 3, title 9, Idaho Code
- 2015 – present 20.07.02.400 PRODUCTION REPORTS.
 - 01.Required Content. An owner or operator must report production on a form created by the Department. Production reports submitted to the Department must include gas quantities sold in thousand cubic feet (mcf), condensate sold in barrel quantities (bbl), oil sold in barrel quantities (bbl), and formational waters produced in barrel quantities (bbl). (4-11-15)
 - 02. Frequency. Initial production reports must be submitted to the Department no later than the twenty-first (21st) day of the month following the sixth month after the beginning of production. After the initial production report, operators must report production monthly to the Department. Monthly reports must be submitted to the Department no later than the twenty-first (21st) day of the following month. In the event the twenty-first (21st) day of the month falls on a non-business day, the report is due the next business day. (4-11-15)
 - 03. Annual Production Report. By January 31 of each year, an owner or operator must submit to the Department an aggregated report of all hydrocarbons and formational waters produced and sold or disposed of for each well during the previous calendar year. (4-11-15)
- Summary: Idaho Administrative Procedures Act regulating Oil and Gas was changed in 2012 and 2015
- Idaho Statute Title 47 Chapter 3 was revised in 2012, 2015, 2016 (Integration and rules for the commission) and 2017

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PATRICK HODGES, DEPUTY DIRECTOR

STATE BOARD OF LAND COMMISSIONERS
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Lawrence E. Denney, Secretary of State
Lawrence G. Wasden, Attorney General
Brandon D. Woolf, State Controller
Sherri Ybarra, Sup't of Public Instruction

April 18, 2015

Ronda Louderman
Alta Mesa Services, LP
15021 Katy Freeway, Suite 400
Houston, TX 77094

SUBJECT: For Your Information
IDAPA 20.07.02.002 Written Interpretations
IDAPA 20.07.02.341 Drilling Logs
IDAPA 20.07.02.400 Production Reports
IDAPA 20.07.02.413 Gas Utilization

Dear Mrs. Louderman,

Thank you for taking the time to meet with the Idaho Department of Lands (IDL) staff on Thursday, April 16, 2015. This letter is intended to summarize that meeting and our discussions for your information. During that meeting we reviewed and agreed to the following items.

IDAPA 20.07.02.002 Written Interpretations. This section states in part that; "The Idaho Department of Lands maintains written interpretations of its rules which may include, but may not be limited to, written procedures manuals and operations manuals and other written guidance which pertain to the interpretation of the rules of this chapter." During the meeting, we reviewed a draft Standard Operating Procedure (SOP) regarding inspection processes and reporting. We identified needed changes and opportunities for collaboration in drafting future inspection procedures. Examples of changes identified included the addition of the term "defined heel" regarding safety shoes and "learning of the required PPE" regarding the opening meeting. Also, we discussed the creation of a policy manual to ensure consistent interpretation of statutes and rules. One example of needed clarification included the grandfathering of tank batteries from the new 18 inch set back requirement.

IDAPA 20.07.02.341 Drilling Logs. This section states in part that; "All wells shall have a lithologic log from the bottom of the hole to the top, to the extent practicable. All wells shall have a bottom hole location survey. All wells that are cased and cemented shall have a cement bond log run across the casing." This section also states that; "The above logs shall be submitted to the Department in paper and digital formats within thirty (30) days of the log being run. If logs were run in color, then the submitted copies shall also be in color." During the meeting, we discussed various logs missing from our files and provided you with a spreadsheet which identified the missing logs. We agreed that in approximately a week and a half, IDL would submit a formal request for any outstanding logs.

IDAPA 20.07.02.400 Production Reports. This section states in part that; “Initial production reports must be submitted to the Department no later than the twenty-first (21st) day of the month following the sixth month after the beginning of production. After the initial production report, operators must report production monthly to the Department. Monthly reports must be submitted to the Department no later than the twenty-first (21st) day of the following month.” During the meeting, we agreed that “production” is when a well is completed, finished with testing, and fully on-line. Any condensate produced during testing would not constitute “production” with regard to reporting. Lastly, we reviewed previously submitted production reports and agreed that Alta Mesa would ensure that there are no outstanding production reports.

IDAPA 20.07.02.413 Gas Utilization. This section states in part that; “After a well is completed and while it is being tested, the owner or operator may flare gas for no more than fourteen (14) days without paying royalties and severance taxes on the flared gas. Under no conditions may gas be flared for more than sixty (60) days after a well is completed or recompleted.” During the meeting, we agreed that the 14 day timeframe would start on April 11, 2015; the day of Sine Die. Therefore, royalties and severance taxes must be paid beginning on **April 25, 2015**. It was also agreed that flaring would cease on **May 6, 2015, by 9:00 a.m.**, in order to meet the 60 day flaring limitation. Lastly, we agreed that condensate removal during testing would be identified on future flow test sundry notices.

Thank you again for taking the time to meet with the Oil and Gas Program Staff and we look forward to further collaboration on ensuring compliance as well as establishing a premier oil and gas program. We believe that this meeting was very productive and look forward to many more in the future. If you have any questions or concerns regarding this matter, feel free to contact me at (208) 334-0247.

Sincerely,



Brandon A. Lamb
RPA Bureau Chief

Cc: Patrick Hodges, Deputy Director
Jeff Janik, AM Petroleum Engineer
Dave Schwarz, IDL Mineral Leasing Program Manager
Kourtney Romine, RPA Administrative Assistant

IDAHO DEPARTMENT OF LANDS
DIRECTOR'S OFFICE
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MICK THOMAS, DIVISION ADMINISTRATOR
SECRETARY TO THE COMMISSION

IDAHO OIL AND GAS
CONSERVATION COMMISSION
Kevin Dickey, Chairman
Marc Shigeta, Vice-Chairman
Renee Breedlovestrout, Ph.D
Jim Classen
David Groeschl

March 12, 2018

Mr. Michael Christian
Marcus, Christian, Hardee & Davies, LLP
737 North 7th Street
Boise, Idaho 83702-5595

SUBJECT: Production Reports

Dear Mr. Christian,

I have recently issued guidance to Department staff clarifying when to expect production reports from oil and gas operators. I've enclosed that guidance in this letter to ensure Alta Mesa is informed of the Department's expectations regarding reporting.

The primary goal of the Oil & Gas Division, as well as the Oil and Gas Conservation Commission, is to prevent waste. With that in mind and to effectively conserve Idaho's Oil & Gas resources, it is vital that the Department maintains accurate history of all volumes of gas, condensate and oil produced in the state.

Please feel free to contact me at (208) 334-0298 if you have any questions or concerns.

Sincerely,

Mick Thomas
Division Administrator, Oil & Gas
(208) 334-0298
mthomas@idl.idaho.gov

Enclosed: March 2018 Staff Guidance Memo

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MICK THOMAS, DIVISION ADMINISTRATOR
SECRETARY TO THE COMMISSION

IDAHO OIL AND GAS
CONSERVATION COMMISSION
Kevin Dickey, Chairman
Marc Shigeta, Vice-Chairman
Renee Breedlovestrout, Ph.D
Jim Classen
David Groeschl

To: IDL staff

From: Mick Thomas, Oil and Gas Division Administrator

Date: March 9, 2018

Re: Oil and Gas Production Reporting

Given the legislative changes in House Bill 301, I'd like to clarify the Department's interpretation of when production begins for reporting purposes. As Administrator for the Oil and Gas Division, Secretary to the Oil and Gas Conservation Commission, and as authorized by IDAPA 20.07.02.002, I am issuing the following guidance to staff regarding production reporting.

Prior to House Bill 301, the Department may not have received reports of all quantities of oil, gas, and water removed from the well. From April 11, 2015 to April 6, 2017, IDAPA 20.07.02.400 addressed the frequency of production reports:

Initial production reports must be submitted to the Department no later than the twenty-first (21st) day of the month following the sixth month after the beginning of production. After the initial production report, operators must report production monthly to the Department. Monthly reports must be submitted to the Department no later than the twenty-first (21st) day of the following month.

In an April 2015 letter to Alta Mesa, IDL's Bureau Chief referenced that rule and wrote: "'production' is when a well is completed, finished with testing, and fully on-line" and "[a]ny condensate produced during testing would not constitute 'production' with regard to reporting." As a result of the Department's interpretation, Alta Mesa may not have submitted monthly production reports for all quantities of oil and gas, including condensate, removed from each well.

The Department now expects, however, to receive reports of all quantities of oil and gas, including condensate, removed from the well because of the changes in House Bill 301. House Bill 301 added Idaho Code § 47-324 as a new section, entitled "Reporting Requirements." Idaho Code § 47-324(1)(a) addresses when the Department receives production reports from operators:

- (a) Monthly production report. Operators shall file monthly production reports to properly account for all oil, gas and water production and disposition from each well, including the amounts of oil and gas sold from each well. Production reports shall be filed on the required form before the fifteenth day of the second calendar month following the month of production.

March 9, 2018
Oil and Gas Production Reporting
Memo to IDL Staff from Mick Thomas

The statute plainly provides that monthly production reports include each well's oil and gas production and disposition. Idaho Code § 47-324(2) specifies that all well test reports must be filed within thirty days of completing or recompleting a well and include all quantities of oil, gas, and water produced during all tests:

All well test reports. An operator shall file all well test reports within thirty (30) days of completing or recompleting the well. The reports shall include all oil, gas and water produced during all tests.

Idaho Code § 47-324 therefore mandates operators file well tests and monthly production reports that include all quantities of oil, gas, and water produced. Thus, no volumes of testing or production should go unreported. The Department expects to receive reports of all volumes of oil and gas removed from the well, whether during testing or production.

In addition, because all testing volumes must be filed after completion, IDL considers production to begin when a well is completed. "Completion" is defined in IDAPA 20.07.02.010.12.:

An oil well shall be considered completed when the first new oil is produced through wellhead equipment into lease tanks from the ultimate producing interval after the production casing has been run. A gas well shall be considered completed when the well is capable of producing gas through wellhead equipment from the ultimate producing zone after production casing has been run.

Based on Idaho Code § 47-324 and this memo's clarification, I am instructing staff to disregard the Department's previous direction of production reporting in the Department's April 2015 letter to Alta Mesa. Staff will instead follow this memo's clarification that "production" for reporting purposes begins after a well is completed and includes all quantities of oil, gas and water produced and disposed from each well.

Thank you for your attention to this matter.



Mick Thomas
Division Administrator, Oil & Gas