

Post Drilling/Annual Well Site Inspection Form

Section 1: General Information	
Operation Data	Inspection Data
Operator Name Snake River Oil + Gas, LLC	Inspector Name James Thum
Well Name / USWN DJS Properties #1-15, USWN 11-075-20020	Area Office Boise / Director's
Authorized Contact Dan Johaneck (208)707-7867 112 N. Plymouth Ave, New Plymouth ID 83655	Inspection Date 11/29/2021 11:50 AM
County Payette	Report Date 12/1/2021
Inspector's Signature: /signed/ James Thum	Inspection Summary: <input checked="" type="checkbox"/> Operation appeared to be in compliance at the time of the inspection. <input checked="" type="checkbox"/> Issues of concern identified at the time of the inspection.
Date of Signature: 12/1/2021	
Location Description: 1.09 miles SSE from Little Willow Gathering Facility, 4649 Little Willow Road. Access road due south of LW. Google Maps location Latitude 44.034893, Longitude -116.800803. Well pad is cut-and-fill; casing appears to be within the cut zone, but cannot verify. Well currently producing.	
Weather- cold, 40°F, fog/inversion, wind calm.	
Scope of Inspection (check all that apply and, or were verified during the inspection): <input checked="" type="checkbox"/> Well site <input checked="" type="checkbox"/> Tank Battery <input checked="" type="checkbox"/> Wellhead <input checked="" type="checkbox"/> Meters <input type="checkbox"/> Other:	
If well site, is the well a multiple zone completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Section 2: Pits IDAPA 20.07.02.230	
1. Are pits located on site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
A. If yes;	
i. Permitted as: <input type="checkbox"/> Short-term pit <input type="checkbox"/> Long term pit	
ii. Use Corresponding Pit Inspection Form and attach with this inspection.	
Section 3: Identification of Wells IDAPA 20.07.02.300	
1. Is a lease access road sign visible where the principal lease road enters the lease? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
A. If yes;	
i. Does the sign show:	
a. The name of the lease?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
b. The name of the owner or operator?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
c. The Section, Township and Range?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2. Is a legible well site sign visible near the well? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
A. If yes;	
i. Does the well site sign identify the;	
a. Operator?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
b. Permit number?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
c. Well name?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
d. Emergency telephone number?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3. For multiple completions, is there a sign for each well head connection? <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No	

Section 4: Location Operations
20.07.02.301

IDAPA

1. Is the well site fenced? N/A Yes No
(Answer N/A if the well has not been completed and fencing is not erected)
A. If Yes;
- i. Was the fence installed within 60 days of completing the facility? **Unknown** Yes No
- ii. Does the fence appear to:
- a. Maintain safe working conditions? Yes No
- b. Secure the well site? Yes No
- c. Prevent access by wildlife and livestock? Yes No
2. Is there less than 5% vegetation on site? Yes No
3. Has it been more than six months since the removal of the drilling rig? Yes No
A. If No;
- i. Are chemicals stored and maintained in accordance with all applicable MSDS requirements? N/A Yes No
- ii. Are all materials related to operations palletized? N/A Yes No
- iii. Do all vehicles or materials on the site appear to be in use? N/A Yes No
- iv. Is the site free from all trash, debris, or scrap metal on site? Yes No
- a. If no, is all trash, debris and scrap metal pending removal kept in a wind proof container and appear emptied regularly? N/A Yes No
- b. If trash or debris constitutes a fire hazard, is it removed to at least 100 feet from the facility, tanks or separators? N/A Yes No
- B. If Yes;
- i. Are all debris and waste materials including, but not limited to, concrete, sack bentonite and other drilling mud additives, sand, plastic, pipe, and cable associated with the drilling and completion operations removed and disposed of properly? Yes No
- ii. Are all disturbed areas affected by drilling or subsequent operations, except areas reasonably needed for production operations or subsequent drilling operations within twelve months, reclaimed and revegetated to approximately the pre-drilling condition (in accordance with IDAPA 20.07.02.510.04-07 or to the condition specified in an agreement with the surface owner. Yes No

Section 5: Accidents and Fires
20.07.02.302

IDAPA

1. Is the emergency response plan available for use or inspection? Yes No
A. If yes, does the operation appear to be consistent with the response plan? Yes No
2. Is the location free of evidence of recent fires? Yes No
A. If no, have they been properly reported? N/A Yes No

3. Ask for a spill prevention and countermeasures plan (SPCC can be located in company office). Are they aware of it? Yes No

Section 6: Chokes

IDAPA 20.07.02.312

1. Are all flowing wells equipped with adequate chokes to properly control flow? N/A Yes No

Section 7: Measurement of Gas

Idaho Code § 47-322

IDAPA 20.07.02.402

1. Is the site a natural gas well? Yes No

A. If yes, is there a standard industry meter approved by the American Gas Association and capable of recording accurately the volume of natural gas produced at each well? Yes No

B. If no, is there another methodology being utilized that has been approved by the Department? N/A Yes No

a. If yes, describe:

2. Separator location and Meter System Location:

Well Site Little Willow Gathering Facility Other: _____

Section 8: Meters

IDAPA 20.07.02.410

1. Type of Hydrocarbon Measuring Systems:

Coriolis Measuring System for Liquids Orifice Measuring System for Gas

Other: _____

2. Are meter fittings of adequate size to measure gas efficiently? Yes No

3. Are meters accessible and viewable? Yes No

4. Are valves installed so pressures can be readily obtained on both casing and tubing? Yes No

5. Are quarterly meter calibration records available for inspection? N/A Yes No

Section 9: Tank Batteries

IDAPA

20.07.02.420

1. Are there tank batteries located on site? Yes No

A. If yes, are all tank batteries located at least 300 feet from any existing:

i. Occupied structures? Yes No

ii. Water wells? Yes No

iii. Canals? Yes No

iv. Ditches? Yes No

v. Natural or ordinary high water mark of surface waters? Yes No

B. Is location at least 50 feet from highways when measured from outermost portion of the tank dike? Yes No

C. Are all tanks containing produced fluids or crude oil surrounded by tank dikes? Yes No

D. Are all tanks equipped to receive produced fluids surrounded by tank dikes? Yes No

i. If yes;

a. Do the dikes have a capacity of at least 1 ½ times the volume of the largest tank? Yes No

- b. Is all piping and manmade improvements that perforate the dike wall or tank battery floor sealed to a minimum radius of 12" from outside edge of the piping or improvement? Yes No
- c. Are valves and quick-connect couplers at least 18" from inside wall of tank dike? Yes No
- d. Is vegetation on top and outside surface properly maintained? Yes No
- e. Is a ladder or other permanent device installed over the tank dike to access the containment reservoir? Yes No
- f. Is containment reservoir free of vegetation, storm water, produced fluids, other oil and gas field related debris, trash or flammable material? Yes No
- E. Do drain lines have a valve installed, closed and capped off if not in use? Yes No

Section 10: Inspection Comments

Comments and Issues of Concern: Pad erosion is occurring on the NNW side of the well pad near the NW corner of the tank dike (see photos). Recommend remedial fill work with possible mesh and gravel to prevent further erosion. The cellar has been filled with gravel since the last visit by this inspector. Vegetation control, especially in the vicinity of the wellhead, tank battery and separator should be conducted.
 Observed tubing pressure: 480 psi (10/31/21: 460 psi 6 month)
 Observed production casing pressure: 860 psi (10/31/21: 500 psi 6 month)
 Observed surface casing pressure: N/A (10/31/21: 30 psi 6 month)
 Photos include meter calibration tags.

Section 11: Attachments

List any and all attachments including photos, samples, documents, etc: Original photos in well file.



Lease entrance road looking NNW



Overview of well pad looking WNW. Produced water tank batteries to right, wellhead center, separators back center.



Close-up of well head looking WNW showing well identification sign, separator and meters back right.



Meters



Compressor Unit (right), Separator (left)



Inside Separator Unit, note orange leak tag.



Tank battery and tank dike, North perimeter looking NE. Note pad erosion in lower foreground.



Pad erosion looking WNW from NW corner of tank dike. Note suspended fence stake.

zedi

Office: (307) 856-0866
1-866-732-6967
zedisolutions.com

PRODUCER: HIGH MESA METER MAKE: TOTAL FLOW

STATION NAME: ML INVESTMENTS 2-3 METER MODEL: XRC

UNIQUE #: DD010014g6 METER SERIAL: T142379473

ATMOSPHERIC PRESSURE: 13.4 METER RUN ID: 2.900" x 1.375"

ABS GAUGE

PHYSICAL LOCATION OF STATIC PRESSURE DIFF RANGE: ~~0-100~~ IN H₂O 0-100

UPSTREAM DOWNSTREAM STATIC RANGE: ~~0-1000 PSI~~ 0-500

SPECIFIC GRAVITY: 0.6999 TEMP RANGE: 0-150 °F

NOTES: 10/17/2018
PAYETTE COUNTY AVG SP: 277.356 DP: 2.577
NO AVG DP OR SP 01/24/2019 NO AVG DP OR SP 04/24/2019
AVG DP 15 / AVG SP 387-17-14

UNIQUE #: ~~2-3-11-15~~ DD010014g6 METER SERIAL: T142379473

ATMOSPHERIC PRESSURE: 13.4 METER RUN ID: 2.9" x 1.375"

ABS GAUGE

PHYSICAL LOCATION OF STATIC PRESSURE DIFF RANGE: 0-150" H₂O

UPSTREAM DOWNSTREAM STATIC RANGE: 0-1000 PSI

SPECIFIC GRAVITY: 7135 ~~7220~~ 7220 ~~7220~~ 7220 TEMP RANGE: 0-150°F

NOTES: Payette County AVG SP: 316.986 DP: 25.715 07/19/2018

Meter calibration tags, front side

Plate/Cone Inspect (Date)	Orifice Bore Size	Beta Ratio	Meter Test (Date)	Gas Analysis (Date)	Specific Gravity	Tested By
10/17/2018	1.375"	0.474	10/17/2018	-	0.6999	W-ZED
01/24/2019	1.375"	0.474	01/24/2019	-	0.6999	W-ZED
04/24/2019	1.375"	0.474	04/24/2019	-	0.6999	W-ZED
7-17-19	1.375	0.47	7-17-19	7-18-19	0.7234	CB
12-2-20	1.375	0.47	12-2-20	-	-	KB
		0.70	of water			
3-2-21	1.375	.47	3-2-21	3-2-21	0.7260	KB
6-22-21	1.375	.47	6-22-21	NO Flow		KB

Plate/Cone Inspect (Date)	Orifice Bore Size	Beta Ratio	Meter Test (Date)	Gas Analysis (Date)	Specific Gravity	Tested By
4-15-16	1.375		4-15-16	4-12-16	.7135	PA-AM
				5/21/16	.8259	PA-AM
				6/22/16	.7209	PA-AM
7/19/16	1.375"		7/19/16	7/19/16	.7220	PA-AM
				8/23/16	.7029	PA-AM
10-12-16	1.375		10-12-16	10-12-16	.7066	PA-AM
01/12/2017	Frozen/shut in		01/12/2017	-	-	ZED-BB
				2/14/17	.7134	ZED-BB
4/19/17	1.375		4/19/17	No flow		ZED-BB
07/19/17	1.375		7/19/2017	NO FLOW		ZED-AM
				08/15/2017	0.7270	ZED-AM
10/25/2017	1.375	0.474	10/25/2017	-	0.7270	ZED-AM
1/24/18	3.0, 1.375		1/24/17	1/24/17	.7112	BB
04/20/2018	3.0x1.375	0.474	04/20/2018			ZED-AM
07/19/2018	3.0x1.375	0.474	07/19/2018	-	-	W-ZED

WWW.PRECISION-LABS.COM, PHONE: (307) 856-1866

Meter calibration tags, back side.