



IDAHO OIL AND GAS CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND WELL REPORT



DESIGNATE TYPE OF COMPLETION:

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir Oil Gas Dry
 Well Name/Number: ML Investments #3-10 UC US Well Number: 11-075-20031
 Operator: Alta Mesa Services, LP Contact Person: Dale Hayes
 Address: 15021 Katy Freeway, Suite 400, Houston, TX 77094
 Field & Reservoir: Willow Hamilton County: Payette
 Location: (Sec.-TWP-Range or Block & Survey): Sect. 10, T8N, R4W Date Permit Issued: 10/13/2017

| | | | | |
|---|---|---|--|---|
| Date spudded 11/11/2017 | Date total depth reached 11/21/2017 | Date completed, ready to produce 1/10/2018 | Elevation (DF, RKB, RT, or GR) 2251' GL | Elevation of casing hd. Flange 2251' GL |
| Total depth 5,000' | P.B.T.D. ¹ 4,909' | Single, dual, or triple completion dual | If this is a dual or triple completion, furnish separate report for each completion. Enter NA or Multiple; see separate report: NA | |
| Producing interval(s) for this completion 4246-68' | | Rotary Tools used (interval) 0-5000' | Cable tools used (interval) NA | |
| Was this well directionally drilled? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | | Was a directional survey made? Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> | Was a copy of directional survey filed? Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> | Date filed NA |
| Type of electrical or other logs run (check logs filed with the commission) Triple combo, CBL, Compact Cross Dipole | | | | Date filed 1/11/2018 |

¹ Plug Back Total Depth

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

| Purpose | Size Hole Drilled | Size Casing set | Weight (lb./ft.) | Depth set | Sacks Cement | Amount Pulled |
|------------|-------------------|-----------------|------------------|-----------|--------------|---------------|
| Conductor | 20" | 16" | 65.5# | 120' | 200 | 0 |
| Surface | 12 1/4" | 9 5/8" | 40# | 1100' | 305 | 0 |
| Production | 8 1/2" | 5 1/2" | 17# | 5000' | 827 | 0 |

TUBING RECORD

LINER RECORD

| Size: (ft) | Tubing Weight: | Depth: (ft) | Packer set at: (ft) | Size: (ft) | Top: (ft) | Bottom: (ft) | Sacks Cement: | Screen: (ft) |
|------------|----------------|-------------|---------------------|------------|-----------|--------------|---------------|--------------|
| 2 7/8" | 6.5# | 4,305.72' | 4,285' | NA | | | | |

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

| Number per ft. | Size & Type | Depth Interval | Amount & Kind of Material Used | Depth Interval |
|----------------|-------------|----------------|--------------------------------|----------------|
| 6 | 20 gm, Jet | 4246-68' | NA | |

Date of First Production:

1/9/2018

NOTE: Please attach copies of ALL pressure tests performed including: multi-point tests, build-up tests, bottom-hole pressure tests, and RFT's.

| | | | | | |
|---------------------------------------|---------------------------------------|----------------------------|---|---|--|
| Date of Test 1/10/2018 | Hrs. Tested 12.5 | Choke Size 21/64 | Oil Prod. During Test (bbbls.) 12 | Gas Prod. During Test (MCF) 1,405 | Water Prod. During Test (bbbls.) 0 |
| Tubing Pressure (PSI) 1,660 | Casing Pressure (PSI) 1,580 | BHP (PSI) NA | Oil Gravity *API (Corr) 68.2 | Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): flowing | |
| Cal'd Rate per 24 hrs | Oil (bbbls.) 23 | Gas (MCF) 2,698 | Water (bbbls.) 0 | Gas—oil ratio 117,304 | |

Disposition of gas (state whether vented, used for fuel or sold): **flared**



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Well Name/Number: ML Investments #3-10 UC

US Well Number: 11-075-20031

Operator: Alta Mesa Services, LP

DETAIL OF FORMATIONS PENETRATED

| Formation | Top | Bottom | Description* |
|-----------------------------|----------------------|-----------------|---|
| Glenns Ferry Chalk Hills | Surface 2,335' MD | 2,335' MD TD | Lacustrine and Fluvial Sediment Volcanic Ash, Lacustrine and Fluvial Sediment |

*In accordance with IDAPA 20.07.02.10.58, describe the strata, water, oil, or gas encountered. Provide additional information as to give volumes, pressures, rate of fill-up, water depths, caving strata, etc, as is usually recorded in normal procedure of drilling. Show all important zones of porosity, lithologic description of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

INSTRUCTIONS: IF NEEDED, PLEASE ATTACH A SEPARATE DOCUMENT FOR FORMATION DETAIL, IF PAGE TWO DOES NOT PROVIDE ENOUGH ROOM TO DO SO.

CERTIFICATE: I, the undersigned, state that I am the Regulatory Analyst of the Alta Mesa Services, LP (company) and that I am authorized by said company to make this report and that this report was prepared under my supervision and direction and that the facts stated herein are true, correct and complete to the best of my knowledge.

06/25/2018

Date

Signature

This Well Completion or Recompletion Report and Well Report shall be filed with the:

Idaho Department of Lands
Oil and Gas Division
300 N. 6th Street, Suite 103
Boise, Idaho, 83702

not later than thirty (30) days after project completion as per Rule 20.07.02.340 and Idaho Code § 47-3.