



AMENDED WELL COMPLETION

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 #1-3 US Well Number: 11-075-20029

Operator: Alta Mesa Services, LP Contact Person: Ronda Louderman

Address: 15021 Katy Freeway #400, Houston, TX 77094

Field & Reservoir: Willow County: Payette

Location: (Sec.-TWP-Range or Block & Survey): Sec 3, T 8N, R 4W Date Permit Issued: 06/24/2015

Date spudded 11/28/2015	Date total depth reached 12/09/2015	Date completed, ready to produce 01/27/2016	Elevation (DF, RKB, RT, or GR) 2,675' ASL GR	Elevation of casing hd. Flange
Total depth 5,585'	P.B.T.D. ¹ 4,414' ELM	Single, dual, or triple completion Single	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 4,379-81' ELM		Rotary Tools used (interval) 0-5,585'	Cable tools used (interval) NA	
Was this well directionally drilled? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Was a directional survey made? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	Was a copy of directional survey filed? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	Date filed 02/15/2016
Type of electrical or other logs run (check logs filed with the commission) Compact Triple Combo, Sector Cement Bond				Date filed 02/15/2016

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	17 1/2"	13.375"	54.5	120'	0	0
Surface	12 1/4"	9.625"	40	1,084'	305	0
Productions	8 3/4"	7"	26	4,771'	582	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)
2.875"		4,344'	4,318'					

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & Type	Depth Interval	Amount & Kind of Material Used	Depth Interval
2	2 1/8" HSC JSC	4,379-81'	NA	NA

Date of First Production:

12/9/2017

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 12/11/2018	Hrs. Tested 24	Choke Size 28/64	Oil Prod. During Test (bbls.) 18.3	Gas Prod. During Test (MCF) 2,173	Water Prod. During Test (bbls.) 446.3
Tubing Pressure (PSI) 682	Casing Pressure (PSI) NA	BHP (PSI) NA	Oil Gravity *API (Corr) NA	Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): flowing	
Cal'ted Rate per 24 hrs	Oil (bbls.) 18.3	Gas (MCF) 2,173	Water (bbls.) 446.3	Gas—oil ratio 118,743.2	

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



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



Well Name/Number: ML Investments #1-3

US Well Number: 11-075-20026

Operator: Alta Mesa Services, LP

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Glenns Ferry	Surface	2,410'	Lacustrine and Fluvial Sediment
Chalk Hills	2,410'	TD	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 & Pipeline Supervisor 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.

February 21, 2018

Date

Ronda Louderman
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.

DEPT. OF LANDS
 2018 FEB 21 PM 3:32
 BOISE, IDAHO