



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

DESIGNATE TYPE OF COMPLETION:

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir Oil Gas Dry

Lease Name: Kauffman API #11-075-20027

Operator: Alta Mesa Services, LP Address: 15021 Katy Freeway Suite 400, Houston, TX 77094

Well Number: 1-9 UT Field & Reservoir: Willow - 4440'

Location: (Sec.-TWP-Range or Block & Survey) Sec 9 - 8N - 4W

County Payette	Permit number API #11-075-20027	Date issued 6/24/2014	Previous permit number NA	Date issued NA
Date spudded 7/31/2014	Date total depth reached 8/17/2014	Date completed, ready to produce 11/8/2014	Elevation (DF, RKB, RT, or Gr) 2608.5' Gr	Elevation of casing hd. flange 2622.5' (RKB)
Total depth 5755'	P.B.T.D. 4846'	Single, dual, or triple completion Dual	If this is a dual or triple completion, furnish separate report for each completion. NA	
Producing interval(s) for this completion 4440-56' ELM		Rotary Tools used (interval) 0 - 5755'	Cable tools used (interval)	
Was this well directionally drilled? Yes	Was a directional survey made? Yes	Was a copy of directional survey filed? Yes, with completion report	Date filed 2/17/2015	
Type of electrical or other logs run (check logs filed with the commission) Quad Combo, CBL			Date filed 12/19/2014	

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	Amt. Pulled
Conductor	20"	13 3/8"	54.5#	134'	200	0
Surface	12 1/4"	9 5/8"	40#	1126'	324	0
Long String	8 3/4"	7"	26#	5010'	678	0
Liner						

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks Cement	Screen (ft.)
2 3/8 in.	4350 ft.	4350 ft.	in.	ft.	ft.		

PERFORATION RECORD

Acid, Shot, Fracture, Cement Squeeze Record

Number per ft.	Size & Type	Depth Interval	Amount & Kind of Material Used	Depth Interval
4	3 1/8" HSC	4440-56'	NA	NA

Date of First Production		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump) flowing					
Date of Test 11/7/2014	Hrs. Tested 2	Choke Size 12	Oil Prod. During Test 0 bbls.	Gas Prod. During Test 92 MCF	Water Prod. During Test 0 bbls.	Oil Gravity N/A *API (Corr)	
Tubing Pressure 1530	Casing Pressure 390	Cal'ed Rate of Production per 24 hrs.		Oil 0 bbls.	Gas 1104 MCF	Water 0 bbls.	Gas—oil ratio N/A

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

CERTIFICATE: I, the undersigned, state that I am the Operations Engineer 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 17, 2015
Date

Signature



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Alta Mesa Services, LP - Kauffman 1-9 Upper Completion

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Glenns Ferry Chalk Hills	Surface 2740' MD	2740' MD TD	Lacustrine and Fluvial Sediment Volcanic Ash, Lacustrine and Fluvial Sediment

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* show all important zones of porosity, detail 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:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the Director, Idaho Department of Lands, Boise, Idaho, not later than thirty (30) days after project completion.