



Daily Completion Report

Well ID: 55-29
Field: Newberry

AltaRock Energy Inc.

Well Name: Newberry 55-29

Report No: 34 **Report For 09:00 AM October 29, 2012**

Project Manager: Michael Moore **Cost Incurred to Date: \$4,461,983.63** **State: OR**

Measured Depth (ft.): 10,060 **Field Tickets:** **County: Deschutes**

Vertical Depth (ft.): **Field: Newberry**

Plug Back MD:

Plug Back TVD:
Current Operations: Run stim pump 2 to higher RPM. Unload replacement stim pump 1.

Prior Operations: Stim pump 2 repairs

Planned Operations: Continue to run stim pump 2 until stim pump 1 repairs are completed. Repair RFR booster pumps.

Well site Supervisors: Ted DeRocher Michael Moore **Tel No.: 775-830-7406 541-410-1795**

Operations Summary for Oct. 28th

From	To	Elapsed	Code	Operations Description
0:00	10:55	10.92	134.000	INJ Pumping water overnight at 50 Hz. 929 psi WHP and 56 gpm injecting down hole. Sump level dropping. Turned on Pad 29 water well to recharge sump level. Fuel equipment/shift change.
10:55	11:24	0.48	134.000	INJ BH rep on site. Ramping up pump speed slowly. Increased to 58 Hz on PLC but pump only out putting 56 Hz. Bypass control valve 42% open. 1165 psi WHP and 65 gpm going down hole.
11:24	12:19	0.92	134.000	INJ Diagnosing the slip between PLC and pump drive. Decided it was the voltage clamp setting that's restricting the drives to above 56 Hz. Lowered voltage clamp to allow pump to run at 61 Hz.
12:19	13:48	1.48	134.000	INJ Running pump 2 at 61 Hz, 1360 WHP, and 70 gpm going down hole.
13:48	18:57	5.15	134.000	INJ Stim pump 1 replacement arrived. Unload and stage pump. Fuel generators.
18:57	0:00	5.05	134.000	INJ Shut-off sump pump. Continue to inject overnight at 61Hz, 1360 psi WHP and 70 gpm

Issued PO's

VENDOR	AMOUNT	DESCRIPTION

Activity Comments

Stim pump 2 running overnight. Baker Hughes technician will install replacement pump on Monday and Tuesday. RFR rep will be onsite tomorrow to repair broken booster pump 1. After diagnostics on 10/28, BH concluded that the upper thresh hold on 800 HP pump motor is 61 Hz. Voltage clamp is set to 445V so that each pump will not be able to run above 61Hz/1360 psi.

Max. well head pressure reached today: 1390 psi

Max. flow through pumps before bypass: 827 gpm

Max. flow down hole: 79 gpm

Volume pumped down hole today: 89,598 gal.

Total injected volume: 654,605 gal. (as of 10/28/12 23:59)