



**Daily Completion Report**

Well ID: 55-29  
Field: Newberry

**AltaRock Energy Inc.**

Well Name: Newberry 55-29

**Report No: 34** **Report For 06:00 AM October 28, 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: Replace drive parts on stim pump 2 VFD.**

**Prior Operations: Diagnostic testing on stim pump 2. Running stim pump 2 until repair parts come in.**

**Planned Operations: Continue to run stim pump 2 until stim pump 1 repairs are completed.**

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

**Operations Summary for Oct. 27th**

| From  | To    | Elapsed | Code    | Operations Description |   |
|-------|-------|---------|---------|------------------------|---|
| 0:00  | 9:15  | 9.25    | 134.000 | INJ                    | Pumping water overnight at 35Hz. 475psi WHP and 34 gpm injecting down hole. Sump level dropping. Turned on Pad 29 water well to recharge sump level.  |
| 9:15  | 12:44 | 3.48    | 134.000 | INJ                    | Continue running pump 2 at 35Hz. Fuel generator. Baker Hughes rep arrived at 12:40 with replacement parts for VFD drive.  |
| 12:44 | 17:20 | 4.60    | 134.000 | WOE                    | BH working on VFD drive. ARE crew checked water level in NN17, NN18 and Water well 16.  |
| 17:20 | 17:59 | 0.65    | 134.000 | INJ                    | Testing stim pump 2. Increased to 38Hz and pump tripped.  |
| 17:59 | 18:56 | 0.95    | 134.000 | WOE                    | Testing stim pump 2 with motor uncoupled. Run up to 45 Hz, 55Hz and 63Hz with out any issues. Changed max current reading and increased time delays to prevent trips on Stim pump 2 drive. Putting pump 2 back together for another test. |
| 18:56 | 19:30 | 0.57    | 134.000 | INJ                    | Tested stim pump 2 at 38 Hz, 41 Hz, 45Hz and 50 Hz. Max WHP is 924psi and 60gpm going down hole. Throttled control valve to 47% open to stay on pump curve. Everything running much better! Turned off Pad 29 water well.                 |
| 19:30 | 0:00  | 4.50    | 134.000 | INJ                    | Pump 2 running at 50Hz over night; WHP at 929psi and 55gpm down hole.   |
|       |       |         |         |                        |   |
|       |       |         |         |                        |   |

**Issued PO's**

| VENDOR | AMOUNT | DESCRIPTION |
|--------|--------|-------------|
|        |        |             |
|        |        |             |
|        |        |             |
|        |        |             |
|        |        |             |

**Activity Comments**

Stim pump 2 running overnight. Baker Hughes rep will be back tomorrow to run pump at maximum RPM.

NN18 water level: 569' below GL at 18:00  
 NN17 water level: 356' below GL  
 Pad 16 water well level: 676' below GL  
 Max. well head pressure reached today: 929 psi

Max. flow through pumps before bypass: 784 gpm

Max. flow down hole: 57 gpm

Volume pumped down hole today: 47,375 gal.

Total injected volume: 565,007 gal. (as of 10/27/12 23:59)

Entered: 10/26/2012