



**Daily Completion Report**

Well ID: 55-29  
Field: Newberry

**AltaRock Energy Inc.**

Well Name: Newberry 55-29

**Report No: 27** **Report For 06:00 AM October 20, 2012**

<b>Project Manager:</b> Michael Moore	<b>Cost Incurred to Date:</b> \$4,461,983.63	<b>State:</b> OR
<b>Measured Depth (ft.):</b> 10,060	<b>Field Tickets:</b>	<b>County:</b> Deschutes
<b>Vertical Depth (ft.):</b>		<b>Field:</b> Newberry
<b>Plug Back MD:</b>		

**Plug Back TVD:**  
Current Operations: Install RFR sump pump and continue to ramp up on pump speed while controlling inlet injection pressure and flow rate.

Prior Operations: Continue to ramp up on pump speed while controlling inlet injection pressure and flow rate.

Planned Operations: Continue to balance stim pumps and try to increase WHP until hydro shearing observed. Go into stage 1 of stimulation.

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

**Operations Summary**

From	To	Elapsed	Code	Operations Description	
0:00	11:12	11.20	134.000	INJ	Inject to cool overnight at 1400 psi WHP and 60gpm.
11:12	12:11	0.98	134.000	INJ	Increasing pump speed slowly and controlling flow by increasing water well speed. Reached 1500 psi WHP and 66gpm injection rate. Stim pump running at 44.4 Hz.
12:11	16:26	4.25	134.000	INJ	Increased pump speed slowly. Reached 1600 psi WHP and 71gpm injection rate downhole. Pump speed running at 45.7 Hz. RFR onsite installing sump pump. Bend Oil onsite fixing fuel truck.
16:26	17:06	0.67	134.000	INJ	Sump pump installed. Tested rotation and bringing sump pump online by slowly throttling back water well pump.
17:06	17:43	0.62	134.000	INJ	Sump pump online. Throttle back 2" valve and increase stim pump to 46.9 Hz. Reached 1675 psi WHP and 76gpm briefly prior to booster pump #2 power failure that tripped stim pumps.
17:43	23:04	5.35	134.000	INJ	Slowly increase pump RPM to raise WHP. Reached 1639 psi and 70gpm injection downhole prior to pump trip again due to drastic over current on stim pump 2.
23:04	0:00	0.93	134.000	INJ	Increasing pump RPM overnight to gain WHP. Monitoring stim pump suction pressure for surging.

**Issued PO's**

VENDOR	AMOUNT	DESCRIPTION

**Activity Comments**

Booster pumps more stable after installing sump pump. Stim pumps still surging when running at higher RPM. No seismic events related to stimulation recorded.