



**Daily Completion Report**  
 Well ID: 55-29  
 Field: Newberry

**Alta Rock Energy Inc.**  
 Well Name: Newberry 55-29

**Report No: 44** **Report For 09:00 AM November 9, 2012**

<b>Project Manager:</b> Michael Moore	<b>Cost Incurred to Date:</b>	\$4,482,478.92	<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>			
<b>Plug Back TVD:</b>			

**Current Operations:** Pump repair. Running stim pump 2 overnight.

**Prior Operations:** Pump repair.

**Planned Operations:** Repair stim pump 1. Inject diverter and tracers.

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

**Operations Summary for Nov. 8th**

From	To	Elapsed	Code	Operations Description
0:00	11:00	11.00	134.000	INJ Running on Booster Pumps only to get lines and pumps from freezing. WHP ~30 psi, flow down well ~60. Both stimulation pumps shut down due to problems to await further diagnosis by Baker Hughes.
11:00	16:00	5.00	134.000	INJ Testing setup for tracer and diverter injection using booster pump rented from Cascade. BH technicians arrive at ~13:00 and begin diagnosis of stim pumps.
16:00	0:00	8.00	134.000	INJ Well was not providing sufficient back-pressure (due to successful stimulation) to allow pump to work properly, therefore bypass valve was shut 75% to start and stim pump 2 restarted. Ramped up to 50 hz by 18:30, WHP 855, 200 gpm into hole.

**Issued PO's**

VENDOR	AMOUNT	DESCRIPTION

**Activity Comments**

Baker Hughes techs (one for drive and one for pump) onsite repairing stim pump 2.  
 Will address stim pump 1 tomorrow. AltaRock team will prepare to pump tracer and diverter, and proceed if stim pump 1 becomes operational.

Max. well head pressure reached today: 860 psi  
 Max. flow through pumps before bypass: 808 gpm  
 Max. flow down hole: 250 gpm  
 Water well levels: NN18 (CE-WW2)-560.5 ft, NN17--354.7 ft  
 Volume pumped down hole today: 142987 gpm

Total injected volume: 4454354 gallons. A memo with further explanation for upward change of injected volume is being prepared.

Seismic Activity: A new seismic event was located by PNSN on 11/07 13:52 PST while WHP just 250 psi. Possibly caused by thermal expansion of injected water? Triggered events are being manually reviewed by both Foulger Consulting and LBL. Revised locations of events between 10/29 and 11/04 were discussed in a seismicity report.

Entered: 11/08/2012