



**Daily Completion Report**

Well ID: 55-29  
Field: Newberry

**Alta Rock Energy Inc.**

Well Name: Newberry 55-29

**Report No: 46** **Report For 09:00 AM November 11, 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.

**Prior Operations:** Pump repair. Running stim pump 2.

**Planned Operations:** Continue running Stim Pump 2. Inject diverter and tracers when stim pump 1 repaired (likley one week out).

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

**Operations Summary for Nov. 10th**

From	To	Elapsed	Code	Operations Description
0:00	11:00	11.00	134.000	INJ Starting at 0:53 there was an unexplained pressure drop from 1270 to 1168 psi (and 20 gpm flow rate drop) over a 10 minute period. Because a similar drop occurred on Stim Pump #1 on 11/07 at 04:00 prior to the pump suffering far worse problems 4 hours later, we ramped stim pump 2 down to 45Hz, resulting in a WHP of 740psi and flow down hole ~170 gpm. Re-fueled generators at shift change
11:00	0:00	11.00	134.000	INJ Running stim pump 2 at 45 Hz overnight. Bypass valve 47% open. Globe valve 9-1/4 turns throttled.WHP: 720. Injection down hole: 170 gpm.

**Issued PO's**

VENDOR	AMOUNT	DESCRIPTION

**Activity Comments**

Trouble shooting on stim pump 1 determined that shaft no longer drives some impellers, they keys locking them must be sheared. Pump #1 decoupled from the line and prepared to send back to Oklahoma for repairs. Status of repairs to spare pump, already in OK, is being checked. Pump 1 to be repaired next week. Injection of tracer and diverter is on hold until 2 pumps are running.  
 Max. well head pressure reached today: 1275 psi (prior to 0:53)  
 Max. flow through pumps before bypass: 758 gpm (prior to 0:53)  
 Max. flow down hole: 255 gpm  
 Volume pumped down hole today: 249,778 gallons

Total injected volume: 5,001,032 gallons. A memo with further explanation for upward change of injected volume is being prepared.

Seismic Activity: Five seismic events located by Foulger consulting over 24 hour period (four shown on LBL site, none on PNSN site). This is the most events since 11/02 when the WHOP was much higher. Further description of these events will be in a seismicity report later today.

Entered: 11/11/2012