## Newberry Erhanced Geothernal System DEMONSTRATION

## **Daily Completion Report**

Well ID: 55-29 Field: Newberry

## Alta Rock Energy Inc.

Well Name: Newberry 55-29

Report No: 45 Report For 09:00 AM November 10, 2012

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Project Manager: Michael Moore		Cost Incurred to Date:	\$4,482,478.92	State: OR
Measured Depth (ft.):	10,060	Field Tickets:		County: Deschutes
Vertical Depth (ft.):				Field: Newberry
Plug Back MD:				
Plug Back TVD:				

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

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Operations Summary for Nov. 9th										
From	To	Elapsed Co	de	O	perations Description					
0:00	11:00	11.00	134.000	INJ	Stim pump 2 running at 50Hz overnight. WHP 850psi and flor fueled generators at shift change	w down hole ~190 gpm. Re-				
11:00	16:05	5.08	134.000	INJ	Increasing stim pump 2 to 60 Hz. 240gpm injecting down hole at 1267 psi WHP. Noticed signal loss in DTS. Possibly due to heat-up from lack fluid injected previously. Noted WHP decrease of 150psi at 13:53 with corresponding decrease in flow. Wellhead pressure and flow returned to normal at 16:05					
16:05	0:00	7.92	134.000	INJ	Running stim pump 2 at 60 Hz overnight. Bypass valve 38% open. Globe valve 9-1/2 turns throttled.WHP: 1257. Injection down hole: 255 gpm.					
Issued PO's										
VENDOR A		AMOUNT		DESCRIPTION						
Bend Oil		\$6,225.64		Refill fuel truck						

## **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.

Injection of tracer and diverter is on hold until 2 pumps are running.

Max. well head pressure reached today: 1275 psi Max. flow through pumps before bypass: 760 gpm

Max. flow down hole: 266 gpm

Volume pumped down hole today: 314,741 gallons

Total injected volume: 4,993,836 gallons. A memo with further explanation for upward change of injected volume is being prepared.

Seismic Activity: Triggered events are being manually reviewed by both Foulger Consulting and LBL.

Entered: 11/10/2012

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