



**Daily Completion Report**

Well ID: 55-29  
Field: Newberry

**AltaRock Energy Inc.**

Well Name: Newberry 55-29

**Report No: 24** **Report For 06:00 AM October 17, 2012**

<b>Project Manager:</b> Michael Moore	<b>Cost Incurred to Date:</b> \$4,411,631.25	<b>State:</b> OR
<b>Measured Depth (ft.):</b> 10,060	<b>Field Tickets:</b> Cascade Pump	<b>County:</b> Deschutes
<b>Vertical Depth (ft.):</b>		<b>Field:</b> Newberry
<b>Plug Back MD:</b>		

**Plug Back TVD:**

**Current Operations:** Running DTS downhole. Getting instrumentation and pump controls online. Conduct pump/hydro shearing testing

**Prior Operations:** Pump and system check. Running DTS downhole. Install monitoring instrumentation.

**Planned Operations:** Install DTS to 9800 ft. Start injectivity test and go into stage 1 stimulation.

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

**Operations Summary**

From	To	Elapsed	Code	Operations Description
8:00	10:16	2.27	133.000	Prep lubricator/sinker bar assembly for DTS RIH. Updating pump control logics.
10:16	14:45	4.48	133.000	RIH with DTS. Starting reference depth is 309m . Deployed to 8647ft and spliced fiber.
14:45	15:50	1.08	133.000	Spliced fiber dual ended. Starting depth: 2102', bottom depth: 10730'. Total length downhole: 8637'.
15:50	17:45	1.92	134.000	Prep for pump start-up. Turned on booster pump 1. 20 psi of WHP. Leak in lubricator/pack-off noted. Shut-off booster pump. Fix leak.
17:45	18:26	0.68	134.000	Start booster pump 1 and stim pump 1. Shut HV405 and opened 2" bypass line. 475WHP and 15 gpm injecting downhole.
18:26	18:53	0.45	134.000	Start stim pump 2. Both pumps running at 35 Hz. WHP:786. 28gpm injected downhole. Throttled 2" bypass line valve by hand to try to raise WHP. Pump trip.
18:53	19:49	0.93	134.000	Trouble shoot pump controls and trying to locate logic for pump trip.
19:49	20:12	0.38	134.000	Restart stim pump 1 and stim pump 2 in series. WHP: 781. 27gpm going downhole
20:12	20:46	0.57	134.000	Slowly ramp up pump speed to 44 Hz. Wellhead pressure reached 1125 psi. 45gpm going downhole. All sensors functioning properly. Pump tripped at 20:46 due to low suction pressure for stim pump 2

**Issued PO's**

VENDOR	AMOUNT	DESCRIPTION
Grove Madsen	\$1,900.00	RxLogic software to program PLC/Pump controls. Back-up for when Larry Bandt is not present.

**Activity Comments**

DTS went downhole without any issue with 3 sinker bars installed. Team worked on pumping water downhole and short-step rate test. We were able to inject 10gpm at 400 psi, 28 gpm at 780 psi and ramped up to 45 gpm at 1125 psi before the pump tripped. Will run stim pump 1 at higher RMP than stim pump 2 today to prevent low pump suction pressure trip on pump 2.