Daily Completion Report

Well ID: 55-29
Field: Newberry

AltaRock Energy Inc.
Well Name: Newberry 55-29

Report No: 25 | **Report For 06:00 AM October 18, 2012**

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

Current Operations: Running DTS downhole. Getting instrumentation and pump controls online. Inject overnight to cool down wellbore.

Prior Operations: Pump and system check. Running DTS downhole. Injectivity/pump test.

Planned Operations: 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
8:00	11:03	3.05	133.000	WOE	Tighten and weld lubricator to fix leak. Updating pump control logics.
11:03	12:06	1.05	133.000	WOE	RIH with DTS. Set depth ~9672' at 11:27AM. New top of DTS: 966', bottom depth: 10638'
12:06	15:32	3.43	133.000	WOE	Final fiber splice and DTS spool placement.
15:32	16:35	1.05	134.000	INJ	Prep for pump start-up. Turned on booster pump 1. 20 psi of WHP. Turned on stim pumps and slowly increased speed to 42 Hz. 39 gpm going downhole and over 990 psi WHP observed.
16:35	17:13	0.63	134.000	INJ	Stim pumps auto trip initiated when ramping up to 42 Hz. Low suction pressure in stim pumps noted. Suction pressure of stim pump 1 surging both recorded on dial gauge and pressure transducer.
17:13	20:02	2.82	134.000	WOE	Air may be getting into RFR booster pumps when ramping up stim pumps to high RPMs. Fixed one small gasket leak in RFR line. Install air vent on booster pump 2.
20:02	20:32	0.50	134.000	INJ	Start stim pumps back-up. Throttled 2" bypass line control valve until 75% open. 35 gpm injected downhole. 822 WHP recorded. Pump speed at 37/36 Hz.
20:32	20:42	0.17	134.000	INJ	Continue to throttle control valve slowly and ramp up pump speed to stay within optimal pump curve. Control valve 60% open. Pump speed 39/38 Hz. WHP: 934. Injection rate: 42gpm.
20:42	22:10	1.47	134.000	INJ	Throttle globe valve upstream of control valve to increase WHP and keep suction flow rate within operating range. Pump speed 41/40 Hz. WHP 1094 psi and injecting 51 gpm downhole.
22:10	22:30	0.33	134.000	INJ	Increased pump speed to 42/41 Hz. WHP increased to 1165 psi and injecting ~54gpm downhole. Started booster pump #2 and vented air out to control intake pressure surging issues.
22:30	0:00	1.50	134.000	INJ	System injecting downhole at steady rate/WHP overnight to cool wellbore.

Issued PO's

VENDOR	AMOUNT	DESCRIPTION

Activity Comments

DTS install complete. Ran stim pump 1 at higher RMP than stim pump 2 today to prevent low pump suction pressure trip on pump 2. Further pump trip may be caused by air seeped into the booster pumps through small pipe/tank leaks. Will work on finding a solution today then ramping up the stim pumps to higher speed to initiate hydro shearing.

Entered: 10/18/12