

ENGINEER'S DAILY REPORT

COGCC Document No. 2055502

Project: Dolphin Bond Claim Plugging and Abandonment (PHA-1233)
Date: 4/18/2012

Personnel On Location

COGCC:	Dave Andrews	Project Manager	7:35	17:45	Off site for lunch 12:15 to 13:00
A-Plus:	George Archuleta	Superintendent	7:00	16:00	
	Jaben Mangum	Cementer	7:00	17:45	
	Wendell Bennally	Operator	7:00	17:45	
	Brent Begay	Derrick Hand	7:00	17:45	
	Robert Slaugh	Motor Man	7:00	17:45	
	Peter Romero	Floor Hand	7:00	17:45	
	Pedro Chavira	Extra Hand	7:00	17:45	
	Neil Frost	Wireline	7:00	15:30	
	Cody Wood	Wireline	7:00	15:30	
Screamin' Eagle:	Nolan Jaeger		8:30	9:30	

Weather: P. Cloudy (AM), M. Cloudy (PM)
Calm (AM), Light to Moderate W to SW Breeze (PM)
30's - 50's (AM), 50's - 70's (PM)

Equipment:	Pickups	Pump truck
	Doghouse trailer	Wireline truck
	Haul trailer	Waste pit (tank)
	Pusher trailer	Circulation tank
	Tubing truck and trailer	Flowback (covered) tank
	Workover rig	Upright fresh water tank
	Cement truck (redi-mix type)	Porta-Potty
	Cement truck (bin type)	

Work Summary

Well pressures this morning: TP = 2200 psi, CP = 2050 psi, BH = 555 psi, started blowing down tubing and casing to closed tank at 8:00.

Tank truck with mud arrived on location at 8:40. Screamin' Eagle hauled mud (130 bbls, 10.3 ppg). Mud was salvaged from a BBC Pad (Kaufman #2 pad [COGCC Location ID 426397], Nabors M-37).

Pumped 25 bbls down tbg with open valve for returns, choked returns and pumped an additional 25 bbls water, followed by 130 bbls mud. Started pumping at 9:00. Got water returns at 9:30.

All mud pumped by 9:45 with approximately 4 bbls of water-cut mud returns at the end of the job. Well dead. Broke hose and tubinghead flange connections. NU BOP.

Started pulling, stacking (doubles), and tallying tbg at 10:30. RU wireline truck, MU perf gun and CICR. Opened bradenhead for blow down at 11:33. Blew down gas for 3 minutes (hard blow), SI to NU hose to covered tank. Re-opened valve at 11:40, blew to covered tank for 4 minutes, SI valve when bradenhead started producing water.

Finished pulling tubing (231 jts, 7271' total), then RIH with wireline gauge ring at 1:00. Stopped gauge ring at 7260', 34' above top WMFK perforation at 7294'. No obstructions, marker joint 7170' to 7187'.

TOOH with gauge ring then RIH with CICR at 14:00. Hung up momentarily on some paraffin at approximately 5500'. Set CICR at 7244' and retrieved wireline. Loaded casing with water and pressure tested to 340 psi at 15:26 for 12 minutes; lost 40 psi; 1st test failed. Burped air from system and pressured up to 342 psi at 15:47; lost approximately 34 psi in 15 minutes; 2nd test passed. Blew bradenhead dead in 4 minutes. RIH with tubing to approximately 7100'. SIWFN.

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Measurement and Payment

<u>Pad No.</u>	<u>Bid Item No.</u>	<u>Description</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Work Performed Today</u>	<u>Cumulative Percent/Units Complete</u>	<u>Total Approved</u>
BR-31	1	Mobilization and Demobilization	each	\$ 11,035.00		50%	\$ 5,517.50
BR-31	2	Plug and Abandon	hours	\$ 458.00	10.75 hours on location today. Checked well pressures and commenced blowdown. After blowing down well, pumped water and mud to kill well. Pulled tbg. Ran wireline gauge ring and wireline-set CICR. Pressure tested csg and RIH with tubing to CICR.	18.25	\$ 8,358.50
BR-31	3	Perforation Services	sets	\$ 1,722.00			\$ -
BR-31	4	Cement Retainers	each	\$ 1,150.00	Set cement retainer at 7244'	1	\$ 1,150.00
BR-31	6	Cement Services	sacks	\$ 26.00			\$ -
BR-31	7.1 (Change Order #1)	Covered Tank Rental	lump sum	\$ 1,322.10	Rental for one day (\$65) plus 13% subcontractor markup.	\$ 697.78	\$ 697.78
BR-31	7.2 (Change Order #1)	Standby Time at 75% of regular rate	hours	\$ 343.50		3.5	\$ 1,202.25
BR-31	8 (Change Order #2)	Haul Salvaged Drilling Mud	lump sum	\$ 533.36	Hauled salvaged drilling mud to location to kill flowing well plus 13% subcontractor markup.	100%	\$ 533.36
BR-3	1	Mobilization and Demobilization	each	\$ 11,035.00		10%	\$ 1,103.50
BR-3	2	Plug and Abandon	hours	\$ 458.00			\$ -
BR-3	3	Perforation Services	sets	\$ 1,722.00			\$ -
BR-3	4	Cement Retainers	each	\$ 1,150.00			\$ -
BR-3	5	Cast Iron Bridge Plugs	each	\$ 1,932.00			\$ -
BR-3	6	Cement Services	sacks	\$ 26.00			\$ -
M-32	1	Mobilization and Demobilization	each	\$ 11,035.00		10%	\$ 1,103.50
M-32	2	Plug and Abandon	hours	\$ 458.00			\$ -
M-32	3	Perforation Services	sets	\$ 1,722.00			\$ -
M-32	4	Cement Retainers	each	\$ 1,150.00			\$ -
M-32	5	Cast Iron Bridge Plugs	each	\$ 1,932.00			\$ -
M-32	6	Cement Services	sacks	\$ 26.00			\$ -
A-16	1	Plug and Abandon Conductors	lump sum	\$ 25,000.00			\$ -
Current Total =>							\$ 19,666.39