

## ENGINEER'S DAILY REPORT

COGCC Document No. 2055515

Project: Dolphin Bond Claim Plugging and Abandonment (PHA-1233)  
Date: 5/3/2012

### Personnel On Location

COGCC:	Dave Andrews	Project Manager	7:25	11:15
A-Plus:	George Archuleta	Superintendent	7:00	7:30
	Jaben Mangum	Cementer	8:00	11:15
	Wendell Bennally	Operator	7:00	11:15
	Brent Begay	Derrick Hand	7:00	11:15
	Robert Slaugh	Motor Man	7:00	11:15
	Peter Romero	Floor Hand	7:00	11:15
Screamin' Eagle:	Nolan Jaeger		8:15	10:25
	Joe Gottschalk		8:15	11:15
	Cody Gehrett		8:45	10:55

Weather: Partly Cloudy (AM)  
Calm (AM)  
40's - 60's (AM)

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

### **Work Summary**

Biscuit Ranch 10-31D: Bradenhead valve was SI overnight. Pressure 130 psi at 7:15. Blew down immediately. Rigged up vent riser and left valve open to vent.

Mulvihill 15-32D well was foaming up bradenhead annulus into cellar this morning, and cement had dropped in the annulus overnight. Cement stayed full and set up in the casing. Ordered Screamin' Eagle water hauler at 8:00 to suck out cellar while re-pumping annulus plug. Continued loading up equipment for demob while waiting on water hauler. At 8:45 run in annulus with flexible hose and circulate with water 10 bbls (3 bottoms-up in the annulus) until 9:00. Waited until 10:00 to check for foaming, no foaming, but still bubbling. At 10:00, pumped an additional 6 bbls water ahead, then mixed 40 sacks Class B cement (1.18 yield), and circulated cement from 62' (hose hung up on a collar at that depth) to surface in the annulus. One sack CaCl (2+% mixed in with cement). A-Plus changed out a valve, then secured location. Shut down until Monday. Partial equipment demobilization to Farmington started.

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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		100%	\$ 11,035.00
BR-31	2	Plug and Abandon	hours	\$ 458.00		42.75	\$ 19,579.50
BR-31	3	Perforation Services	sets	\$ 1,722.00		4	\$ 6,888.00
BR-31	4	Cement Retainers	each	\$ 1,150.00		3	\$ 3,450.00
BR-31	6	Cement Services	sacks	\$ 26.00		431	\$ 11,206.00
BR-31	7.1 (Change Order #1)	Covered Tank Rental	lump sum	\$ 1,322.10		100%	\$ 1,322.10
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		100%	\$ 533.36
BR-31	9.1 (Change Order #3)	Tubing Cut and Free Point Services	lump sum	\$ 10,180.54		100%	\$ 10,180.54
BR-31	9.2 (Change Order #3)	Standby Time at 75% of regular rate	hours	\$ 343.50		8.75	\$ 3,005.63
BR-3	1	Mobilization and Demobilization	each	\$ 11,035.00		100%	\$ 11,035.00
BR-3	2	Plug and Abandon	hours	\$ 458.00		13	\$ 5,954.00
BR-3	3	Perforation Services	sets	\$ 1,722.00		1	\$ 1,722.00
BR-3	4	Cement Retainers	each	\$ 1,150.00			\$ -
BR-3	5	Cast Iron Bridge Plugs	each	\$ 1,932.00		1	\$ 1,932.00
BR-3	6	Cement Services	sacks	\$ 26.00		74	\$ 1,924.00
M-32	1	Mobilization and Demobilization	each	\$ 11,035.00	Started demobilizing equipment back to Farmington. Incremental 25% complete today. A-Plus plans to finish demob on Monday 5/7/2012.	75%	\$ 8,276.25
M-32	2	Plug and Abandon	hours	\$ 458.00	3.50 hours on Mulvihill 32 pad today to circulate foam and corrosion inhibitor/biocide from annulus and re-pump surface annulus plug. Total rig hours for today does not include down time to replace a valve on the pump truck from 10:30 until 11:15.	16.25	\$ 7,442.50
M-32	3	Perforation Services	sets	\$ 1,722.00		1	\$ 1,722.00
M-32	4	Cement Retainers	each	\$ 1,150.00		1	\$ 1,150.00
M-32	6	Cement Services	sacks	\$ 26.00	Mixed and pumped 40 sacks in an attempt to re-cement annulus for Plug #2. Emergency Change Order #7 covers 60 excess cement sacks pumped for Plug #2 yesterday and today.	149	\$ 3,874.00
A-16	1	Plug and Abandon Conductors	lump sum	\$ 25,000.00		100%	\$ 25,000.00

**Current Total => \$ 138,434.13**