



RECEIVED
OCT 06 2010
COGCC

24 hour notice required, contact:	Tel: _____	Complete the Attachment Checklist OGC	_____	_____
	_____		_____	_____
	_____		_____	_____
	_____		_____	_____
			Wallace Duggan Counsel 65 Summary Wallace 66 Summary Wallace 68 Summary	

	Report of Abandonment	
	To Abandon	
s	<input type="checkbox"/> Other	

[illegible]

	Cement Bottom	Cement Top
	331	Surface
	5163	4800-

port

sacks crnt on top

<input type="checkbox"/>	Open Hole	<input type="checkbox"/>	Annulus
<input type="checkbox"/>	Open Hole	<input type="checkbox"/>	Annulus
<input type="checkbox"/>	Open Hole	<input type="checkbox"/>	Annulus
<input type="checkbox"/>	Open Hole	<input type="checkbox"/>	Annulus
<input type="checkbox"/>	Open Hole	<input type="checkbox"/>	Annulus

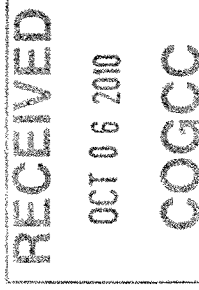
NOTE: Two (2) sacks cement required on all CBSPs.

Part Only

Correct, and complete.
it corp. net

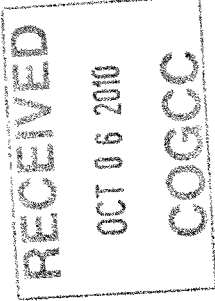
Date: 10/15/2010

✓ AZ-BUILT GPS coord. required w/ subsequent Form 6



2. MIRUSU. Bleed pressure off tubing and casing strings. Unseat pump and reverse circulate clean with water.
3. POOH laying down pump and rods.
4. ND wellhead and NU BOP with 1.90" pipe rams. Rig for tubing.
5. POOH with 1.90" IJ tubing. Stand tubing back and lay down mud anchor and seating nipple.
6. Wireline set a 2-7/8" CIBP at 4890' and dump bail 1.15 ft3 of cement to cap the CIBP with a minimum of 35' of cement (OO#2, G2).
7. RIH with 1.90" tubing to PBTD.
8. Pressure test 2-7/8" casing to 1000 psi to verify casing integrity.
9. Mix 26 Bbls of 9.0 ppg mud by adding 14 sacks (1400 lbs) of bentonite in 24.5 Bbls of water. Circulate 23 Bbls of 9.0 ppg mud to fill 2-7/8" casing with weighted fluid (OO#2, G9).
10. POOH laying down 1.90" tubing and add another 3 Bbls of 9.0 ppg mud to fill 2-7/8" casing to above 381 feet.
11. ND BOP. Weld a lift stub if needed to latch the 2-7/8" casing and secure (tack weld) the 2-7/8" casing slips to the casing. Pull the 2-7/8" casing to determine free point and provide tension for cutting.
12. RU wireline and cut 2-7/8" casing at 325'. RD wireline.
13. POOH with 2-7/8" casing.
14. RIH with mule shoe bottom on 2-7/8" tubing to 381' (50' below surface casing shoe).
15. Set a 100' balanced cement plug across surface casing shoe (per OO #2, G4) at 381' to 281' using 75 sacks (86.3 ft3, 15.36 Bbls) of Class "G" cement containing 3% CaCl2.
16. After 4 hours WOC time, tag top of cement to verify that the surface casing shoe plug top is above 281' (50' above surface casing shoe per OO #2, G4).
17. Pull to 50' and set a 50' surface plug (per OO #2, G8) using 50 sacks of Class "G" cement containing 3% CaCl2.
18. Cut off the 13-5/8" surface casing at least 3' below ground level (per OO #2, G10) and weld a 1/4" steel plate over the surface casing stub. The covering steel plate is to have a weep hole and be permanently scribed with the following (per OO #2, G10):

Summit Operating
COC0104465A
Raven 1
SE-SE 5-T2N-R103W
19. RDMOSU



Summit Operating, LLC
P&A Procedure

Raven Federal #1

Rangely Field

Purpose: P&A well

PERTINENT INFORMATION

Location: 660' FSL, 589' FEL (SESE)
Section 5, Township 2 North, Range 103 West
Rio Blanco County, Colorado

API No: 05-103-05839

Elevation: 6055' GL, 6068' KB

TD: 5163'

PBTD: 5067' (fill, tagged 4/2003)

Casing: 13-3/8" of unknown weight and grade @ 331'
2-7/8", 6.5#, unknown grade, EUE @ 5163', cemented with 165 Bbls unknown cement.
TOC behind 2-7/8" casing is at maximum depth of 4800' based on slurry fill volume.

Tubing: 5855' of 1.90", 2.76#, J-55, J, 8rd

Production Casing Specs: 2-7/8", 6.5#, J-55?, LT&C, 8rd, ID: 1.441" Drift: 2.347"
Collapse: 7680 psi Burst: 7260 psi (70% = 5082 psi)
Joint: 99,660 lbs (55% of 54,813 lbs)

Tubing Specs: 1.90", 2.76#, J-55?, J, ID: 1.610" Drift: 1.516"
Collapse: 7750 psi Burst: 7350 psi (70% = 5145 psi)
Joint: 36,970 lbs (55% of 20,334 lbs)

Capacities:	2-7/8", 6.5#:	0.00579 Bbls/ft	0.03250 ft ³ /ft
	1.90", 2.76#	0.00252 Bbls/ft	0.01414 ft ³ /ft
	2-7/8" x 1.90"	0.00228 Bbls/ft	0.01281 ft ³ /ft
	13-3/8", 48#	0.15704 Bbls/ft	0.88178 ft ³ /ft

BH Temperature: 145 °F @ 5000' (Estimated)

Current Morrison Completion Interval: 4943-53', 5072-82'

PROCEDURE

1. Check dead men and prepare location for workover. Dig out surface casing head and check for pressure on surface casing.