



Multi-Day Job Summary - Drlg Depths

Whiting Oil & Gas Corp
1700 Broadway, Suite 2300
Denver, CO 80290
(303) 837-1661

Well Name: NELSON RANCHES A 3

Plug & Abandon
Job Started on 11/24/2013

WPC ID	API Number 0512314339	Field Name Mitigation-DJ Basin	County Weld	State CO	Operator WOGC	Gr Elev (ft) 4,866.00	Orig KB El... 4,877.00
AFE Number 14-0155		Total AFE Amount (Cost) 225,000.00		Supp Amt (Cost) 225,000.00		AFE-Field Estimate (Cost) 47,850.00	
Job Category Plug & Abandon		Job Type Plug & Abandon		Working Interest (%) 177,150.00		Start Date 11/24/2013	
						End Date 1/8/2014	

Daily Operation Reports (6am to 6am)

Job Day (days)	Rpt #	Day Total (Cost)	Cum To Date (Cost)	Start Date	End Date	End Depth (ftKB)	Summary
1.0	1.0	2,910.00	2,910.00	11/24/2013	11/25/2013	0.0	Rode rig to loc, spot in equip, crew travel.
2.0	2.0	2,845.00	5,755.00	11/25/2013	11/26/2013	0.0	Spot in power swivel, DCs, chg over equip to 2 7/8".
3.0	3.0	19,617.00	25,372.00	11/26/2013	11/27/2013	0.0	Cut surf csg, weld on bell nipple, RU rig, NU wellheads, BOPs, test to 1500#. RIH, tag 1 jt in @ 20'. SWI.
4.0	4.0	7,590.00	32,962.00	11/27/2013	11/28/2013	0.0	RIH, tag @ 30', got circ w/5 bbls DO cmt, fall thru @35'. RIH, tag @ 168' (5 jts), DO cmt, circ mud, switch to mud tk. RU hardline fr/well to mud tk, con't DO hard cmt, drill to 547' (17 jts), circ clean. LD 5jts, SWI. Drain pump/lines.
9.0	5.0	6,390.00	39,352.00	12/2/2013	12/3/2013	0.0	WP 0#/. Circ well, pumpg down tbg/up csg, work tbg. RIH, tag cmt @ 547' KB w/17jts. RU power swivel, DO hard cmt, had couple of hard spots, Found cmt shavings @ returns to mud tk. Drill to 705' KB w/22 jts total. Circ well clean. LD 5 jts. SWI. Drain pump, lines. SD.
10.0	6.0	7,890.00	47,242.00	12/3/2013	12/4/2013	0.0	Safety mtg. WP 0#. Break circ, pump down tbg/up csg. RIH, tag cmt @ 705'KB w/22 jts., PU powerswivel, DO very hard cmt to 800'KB w/25 jts. Circ well clean, LD 5 jts, SWI. Drain pump & lines.
11.0	7.0	2,685.00	49,927.00	12/4/2013	12/5/2013	0.0	Safety mtg. WP 0#. Thaw equip. RIH w/2 jts, tag cmt. SD due to strong winds. LD 2 jts, SWI. Wrap equip in tarps.
12.0	8.0	7,008.00	56,935.00	12/5/2013	12/6/2013	0.0	Safety Mtg. Thaw equip, WP= 0#. Prime pump w. diesel, break circ, RIH, tag @ 800'KB w/25 jts. DO hard cmt to 924'KB w/ 29jts. Circ well clean. LD 5 jts. SWI. Drain pump/lines.
13.0	9.0	7,140.00	64,075.00	12/6/2013	12/7/2013	0.0	Safety mtg. Thaw equip. WP 0#. Break circ w/diesel. RIH, tag cmt @ 924'KB w/ 29 jts. RU power swivel, DO hard cmt to 1041'KB w/ 33 jts total. Circ well clean. RD power swivel. LD 5 jts. SWI. Drain pump/lines.
15.0	10.0	7,273.00	71,348.00	12/8/2013	12/9/2013	0.0	Safety mtg. Thaw equip, WP 0#. Break ice, heat w/exhaust hoses. .Break circ. RIH, tag cmt @ 1041'KB w/ 33 jts. RU power swivel, DO hard cmt to 1136'KB w/ 36 jts total. Circ well clean. RD power swivel. LD 5 jts. SWI. Drain pump/lines.
16.0	11.0	6,743.00	78,091.00	12/9/2013	12/10/2013	0.0	Safety mtg. Warm equip. WP 0#. Break circ. RIH, tag cmt @ 1136'KB w/ 36 jts. RU power swivel, DO hard cmt to 1284'KB w/ 41 jts total. Circ well clean. LD 5 jts. SWI. Drain pump/lines.
17.0	12.0	7,140.00	85,231.00	12/10/2013	12/11/2013	0.0	Safety mtg. WP 0#. Break circ. RIH, tag cmt @ 1284'KB w/41 jts. RU power swivel, DO hard cmt to 1467'KB w/47 jts total. Circ well clean. LD 5 jts. SWI. Drain pump/lines.
18.0	13.0	7,140.00	92,371.00	12/11/2013	12/12/2013	0.0	Safety mtg. WP 0#. Warm equip, Break circ. RIH, tag cmt @ 1467'KB w/47 jts. RU power swivel, DO cmt to 1525'KB w/48 jts, became very hard to make hole. Circ well clean. TOOH w/44 jts & 4 DC. Blade bit chewed up badly. CO blade bit for 6 1/4 cone bit. TIH w/ 4 DC, 9 jts 2 7/8. SWI. Drain pump/lines.
19.0	14.0	6,080.00	98,451.00	12/12/2013	12/13/2013	0.0	Safety mtg. WP 0#. TIH, tag w/ 37 jts @ 1151'KB. RU power swivel, DO tight hole to 1525'KB w/ 48 jts. Drill on well, not making much hole. Got hard mud shavings in returns. Drill to 1528' w/ 49 jts. Roll hole clean. LD 5 jts. SWI. Drain pump/lines.
20.0	15.0	5,450.00	103,901.00	12/13/2013	12/14/2013	0.0	Safety mtg. WP 0#. Break circ. Tbg stuck w/44jts @ 1399'KB. Con't to circ/work tbg. Tbg not turning, no solid returns. Pump 60 bbls down backside, work tbg, no pressure. Con't to circ, began getting back cmt cuttings after 20 bbls. Con't to work tbg, circ well clean SWI. Drain pump/lines.
21.0	16.0	5,450.00	109,351.00	12/14/2013	12/15/2013	0.0	Safety mtg. WP 0#. Warm up equip. Break circ. Tbg would not work down. Con't to circ well/work tbg throughout the day. No solids in returns. SWI. Drain pump/lines.



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22.0	17.0	5,950.00	115,301.00	12/15/2013	12/16/2013	0.0	Safety mtg. WP 0#. Warm equip. Tbg not freed up. Attempt to work tbg down. Pump 40 bbls mud down tbg while backside SI, pumpg 400#. Attempt to surge backside. No chg. Circ fresh water, displace mud to mud tk. Con't circ fresh water. Drain pump/lines. Inspect BOPs for blockage, no debris. Pull tbg to 30,000#. SWI.
25.0	18.0	6,401.00	121,702.00	12/18/2013	12/19/2013	0.0	Safety mtg. WP 0#. Press vac/vac. Tbg still stuck. Break circ w/5 bbls, pump 40 bbls oil into well. Tbg came free. Circ oil out of well to seprate tank. TOO H w/40jts 2 7/8" tbg, 4 DCs. Bit was caked w/hard dried mud. SWI. Drain pump/lines.
26.0	19.0	7,273.00	128,975.00	12/19/2013	12/20/2013	0.0	Safety mtg. Press vac. CO cone bit. TIH, tag @ 1420'KB w/41 jts 2 7/8", 4 DCs. RU power swivel, break circ to mud tk, rim out of hole, tag bttm @ 1528'KB w/49 jts total. Drill on cmt, start to get wood slivers in cmt returns. Drill to 1543'KB w/49 jts, circ well clean. TOO H w/bit. SWI. Drain pump/lines.
27.0	20.0	7,740.00	136,715.00	12/20/2013	12/21/2013	0.0	Safety mtg. Press vac. RIH w/new bit, tag @ 1543'KB w/49 jts RU power swivel, break circ pumpg mud, Drill on hard cmt to 1704'KB w/54 jts, circ well clean. TOO H w/48 jts. SWI. Drain pump/lines.
33.0	21.0	5,465.00	142,180.00	12/26/2013	12/27/2013	0.0	Safety mtg. Warm equip, press 0/0#. TIH, tag cmt/hard mud @ 1704'KB w/54 jts. RU power swivel, break circ, drill hard cmt to 1777'KB w/56 jts, circ well clean. TOO H w/51 jts. SWI. Drain pump/lines.
34.0	22.0	7,290.00	149,470.00	12/27/2013	12/28/2013	0.0	Safety mtg. Press 0/0#. TIH, tag cmt/hard mud @ 1777'KB w/56 jts. RU power swivel, break circ, drill hard cmt to 1812'KB w/57 jts, circ well clean. TOO H w/52 jts. SWI. Drain pump/lines.
35.0	23.0	7,158.00	156,628.00	12/28/2013	12/29/2013	0.0	Safety mtg. Press 0/0#. TOO H w/bit, remove caked on mud. TIH w/bit, DCs, tag @ 1812'KB w/57 jts, break circ. RU power swivel, break circ, drill hard cmt to 1837'KB w/58 jts, circ well clean. TOO H w/52 jts. SWI. Drain pump/lines.
40.0	24.0	5,855.00	162,483.00	1/2/2014	1/3/2014	0.0	Safety mtg. Press 0/0#. LD DCs. RD power swivel. LD stands. TIH, tag @ 1833'KB w/58 jts, PUH to 1830'KB. Pump into /cond hole, circ conventionally. RU cmtrs, break circ pumpg down tbg, pump 60 sks (12 bbls) cmt down tbg, chase w/8.5 BW, circ backside to mud tank. RD cmtrs. LD 10 jts. TOO H w/tbg. SWI. Drain pump/lines.
41.0	25.0	5,479.00	167,962.00	1/3/2014	1/4/2014	0.0	Safety mtg. Press 0/0#. TIH, opene ended, tag TOC @ 1546'KB w/49 jts. TOO H to spot cmt @ 735'KB, 23 jts in hole. Circ hole down tbg w/mud. RU cmtrs, pump 50sx, 10.5 bbls, displace 3 BW. LD 10 jts, TOO H. Secure well. Drain pump/lines.
44.0	26.0	5,630.00	173,592.00	1/6/2014	1/7/2014	0.0	Warm equip. Pressure vac. TIH open ended, tag TOC @ 572'KB w/28jts, PUH to 452'KB w/14jts/ Break circ/cond hole pump conventionally. Pump 34 bbls cmt down tbg, got back cmt at surface. LD tbg, ND BOPs/wellheads. Pump cmt into surface w/1 bbl to fill surface csg. Dig out around well. Drain pump/lines. Pumped 180sx cmt. All cmt pumped on loc was 15.8# w/2% calcium & suluflake.
45.0	27.0	3,558.00	177,150.00	1/7/2014	1/8/2014	0.0	Safety mtg. Inspect/warm equip. Weld cap on well. RD equip, rig. MO.