



# Multi-Day Job Summary - Drlg Depths

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

**Well Name: UHL 2**

**Plug & Abandon**  
**Job Started on 9/20/2017**

WPC ID 1CO076817	API Number 051231997700	Field Name Terrace South	County Weld	State CO	Operator WOGC	Gr Elev (ft) 4,828.00	Orig KB El... 4,838.00
AFE Number		Working Interest	Total AFE Amount (Cost)	Supp Amt (Cost)	AFE+Supp Amt (Cost)	AFE - Field Est (Cost)	Total Fld Est (Cost)
Job Category Plug & Abandon		Job Type Plug & Abandon		Objective		Start Date 9/20/2017	End Date 9/29/2017

## 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	1.0	10,270.00	10,270.00	9/20/2017	9/21/2017	0.0	Safety meeting. Go over JSA. MIRU SOS RIG 6. Move in equipment. 200 SITP, 300 SICP. Bleed pressure off. ND well head. Pull tbgs slips. PU tbgs hanger. Land tbgs hanger in well head. NU Bops. RU rig floor. Test Bops. Test good. LD tbgs hanger. LD 1 - 6' & 1- 10' tbgs subs. TOO 208 jts. 2 3/8 tbgs. LD 1 jt. 2 3/8. Tally all tbgs. (209 jts. TOTAL). PU Bit & scrapper. PU 1- 2 3/8 SN. TIH 208 jts. 2 3/8 tbgs. PU 1 JT. 2 3/8 tbgs. PU 1 new jt 2 3/8 tbgs. Running scrapper down to 6600' (210 jts.). LD new jt of 2 3/8 tbgs. Drop standing valve. RU pump. Pumped 20 bbls to load tbgs. Pressure tbgs to 1000 psi. HELD GOOD. Bleed pressure off. SWI. SDFN.
2	2.0	19,880.80	30,150.80	9/21/2017	9/22/2017	0.0	Safety meeting. Go over JSA. 100 SITP, 30 SICP. Bleed pressure off. RU swab w/ fishing tool. RIH. Fish standing valve. Pull up to let fluid equalize. Unseat standing valve. POOH. LD swab w/ fishing tool & standing valve. RD swab. LD 1 jt. 2 3/8. TOO 208 jts. 2 3/8 to derrick. LD 1- SN, scrapper & bit. RU Pioneer & scientific drilling. PU Gyro tools. RIH Gyro to 6700'. Gyro in & out. LD Gyro tool. RD Pioneer & scientific drilling. SWI. SDFN. (RIG CREW WAS GOING TO FIX TONGS SO THEY ARE READY TO GO IN MORNING).
3	3.0	13,042.13	43,192.93	9/22/2017	9/23/2017	0.0	Safety meeting. Go over JSA. Slight blow on csg. PU CIBP w/ setting tool. TIH 208 jts. 2 3/8 tbgs out of derrick. PU 1 jt. 2 3/8 tbgs. PU 1- 10' tbgs sub. Set BP @ 6580'. LD 1- 10' tbgs sub. RU O-Tex cementers. Pressure test to 2000 psi. Good test. Pumped 90 bbls to get circulation & clean up hole. Mix 5 sacks of Class G 15.8 cement. Pumped 1.2 bbls of slurry. Displace w/ 24 bbls. RD O-Tex. LD 25 jts. 2 3/8 tbgs to 5780'. RU O-Tex. Pressure test to 2000 psi. Good test. Pump 3 bbls to get circulation. Mix 20 sacks of Class G 15.8 cement. Pumped 4.5 bbls of slurry. Displace w/ 20.5 bbls. RD O-Tex. TOO 12 jts. tbgs. to the derrick. RU O-Tex. reverse circulate 25 bbls to clean out cement. RD O-Tex. SWI. SDFN.
6	4.0	9,300.00	52,492.93	9/25/2017	9/26/2017	0.0	Safety meeting. Go over JSA. 0 SITP, 0 SICP. TIH 3 jts. 2 3/8 tbgs. Tagged top of plug @ 5,505'. TOO 43 jts. 2 3/8 tbgs to derrick. (52 jts. Total in derrick). LD 132 jts. 2 3/8 tbgs. RD rig floor. ND Bops. RU KB wireline. PU cutting tool. RIH to 1600'. Cut csg off. POOH. RD wireline truck. ND well head. Spear csg. Pull csg slips. Csg is not free. Got 6" of stretch @ 80,000. Work csg up & down to try and free up. Well not free up. Called Brent for orders. Land csg in well head. LD spear. Called for welder to strap bell nipple. Move tbgs off racks. Spot in pipe tripper. Welder strapped bell nipple. SWI. SDFN. (going to free point csg in morning)
7	5.0	19,279.92	71,772.85	9/26/2017	9/27/2017	0.0	Safety meeting. Go over JSA. 0 SICP. ND well head. Pull csg slips. RU KB wireline. PU Free Point tool. RIH & free point csg. Csg 20% stuck @ 700', 50% stuck @ 800', 100% stuck @ 1000'. Called Brent for orders. Standby. Land csg in well head w/ slips. NU well head. RU pump. Pumped 30 bbls down csg. Got circulation up surface. Pumped 115 bbls down csg. Circulating a total of 145 bbls. ND well head. Pull slips. Csg free. NU Bops. RU rig floor. TOO LD 38 jts. 4 1/2 csg. Change equipment over to 2 3/8. TIH 52 jts. 2 3/8 out of derrick. PU 1 jt. 2 3/8 tbgs. Putting end of tbgs @ 1655'. 55' of tbgs in 4 1/2 csg. RU O-Tex. Pressure test to 2000 psi. Good Test. Pumped 15 bbls to establish good circulation. Mix 50 sacks of Class G 15.8 cement. Pumped 11 bbls of slurry. Displace 5.5 bbls of fresh water. RD O-Tex. TOO 8 jt. 2 3/8 tbgs to derrick. RU O-Tex to csg. Reverse circulate 10 bbls to clean tbgs. RD O-Tex. SWI. SDFN.



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8	6.0	19,012.53	90,785.38	9/27/2017	9/28/2017	0.0	Safety meeting. Go over JSA. 0 SITP, 0 SICP. TIH 2 jts. 2 3/8. Tagged top of cement @ 1468' (47 jts.). TOOH LD 24 jts. 2 3/8 tbg. TIH 6 jts. 2 3/8 out of derrick. Putting end of tbg @ 906' (29 jts.). RU O-Tex. Pressure test to 2000 psi. Pumped 1 bbl. Tbg plugged. RD O-Tex. TOOH 29 jts. Had 2 jt. packed off with shale. 12 jts. from the top. Replace 2 jts. TIH rest of tbg. End of tbg @ 906'. RU O-Tex. Pressure test to 2000 psi. Test Good. Pumped 15 bbls to establish good circulation. Mix 40 sacks of Class G 15.8 cement. Pumped 9.75 bbls of slurry. Displace 4 bbls of fresh water. RD O-Tex. TOOH LD 19 jts. 2 3/8 tbg. PU 1- 10' tbg sub. Putting End of tbg @ 330'. RU O-Tex. Pressure test to 2000 psi. Test Good. Pumped 15 bbls to establish circulation. Mix 50 sacks of Class G 15.8 cement. Pumped 12.2 bbls of slurry. Displace .5 bbls of fresh water. RD O-Tex. TOOH 6 jts. 2 3/8 tbg. RU O-Tex. Reverse circulate 10 bbls to clean tbg. SWI. Standby for 3 hrs. for cement to cure. TIH 4 jts. 2 3/8 tbg. Tagged top of cement @ 240'. Called Brent for orders. RU O-Tex. Pressure tested to 2000 psi. Good Test. Pumped 5 bbls to establish circulation. Mix 20 sacks of Class G 15.8 cement. Pumped 5 bbls of slurry. Displace .5 bbls of fresh water. RD O-Tex. LD 4 jts. 2 3/8 tbg. TOOH 4 jts. 2 3/8 tbg to derrick. SWI. SDFN.
9	7.0	12,849.15	103,634.53	9/28/2017	9/29/2017	0.0	Safety meeting. Go over JSA. 0 SICP. TIH 4 jts. 2 3/8 tbg. Tagged w/ 10' of 5th jt in. Top of cement @ 135'. TOOH LD 4 jt. RD rig floor. ND Bops. NU washington head on flange. TIH 2 jt. 2 3/8 tbg. Putting end of tbg @ 62'. RU O-Tex. Pump 4 bbl to establish circulation. Mix Class G 15.8 cement. Pump 5 bbls of slurry. Circulating cement to surface. Shut down. ND well head. RD O-Tex. O-Tex cleaned cement out of lines. RDMO. K & K Dug out well head & cut csg off 5' down & weld plate on csg to cap off. GPS - LAT. 40 48'52.83633 N, LONG. 103 53'47.91797 W, ELEV. 4773.484.