

Central Rockies Asset Group

<b>Well Name</b>	HORSETAIL 07-0611H (051233664700)			<b>Operator</b>	WOGC	<b>WPC WI</b>	95.67%
<b>QtrSecTwnRng</b>	7 10N 57W						
<b>Field Name</b>	Wildcat			<b>County/Parish</b>	Weld	<b>State</b>	CO
<b>Job Description</b>	Drill & Complete	<b>Target Formation</b>	Niobrara	<b>Well Config</b>		<b>Lateral/Horizontal</b>	
<b>AFE #</b>	13-0751	<b>Original AFE Amt</b>	\$5,395,000	<b>% AFE Expended</b>	32.49%	<b>Authorized AFE Amt</b>	\$5,395,000
<b>Report Date</b>	8/17/2013	<b>Current Ops</b>	P&A Beffie #1	<b>MD (FtKB)</b>	12,740	<b>Activity Days</b>	89
<b>Daily Cost</b>	\$10,840			<b>Cum Cost</b>	\$1,679,428		
<b>Daily Activity Last 24 Hours - 6 am to 6 am</b>							
MIRU Matco Well Service Rig #1. NU WH. NU 11" BOP. Set rig pump & tank. Set pipe racks & cat walk. Unload 108 joints used 2-7/8" tbg from the Razor 26 location & 108 joints new tbg brought from the gas plant yard. PU/MU 7-7/8" rock bit & XO on 4-1/2" DC. Break circulation, drill out surface cement plug to 10' & fell thru, PU 2nd DC, tag cmt @ 45', drill out cmt to 90' & fell thru. Ran 3 jts w/swivel w/no problems, stacked out @ 250'. Decide to TOOH until Monday. TOOH w/6 jts tbg, 2 DC's & bit. SWI. SDFN.							
<b>Report Date</b>	8/20/2013	<b>Current Ops</b>	P&A Beffie #1	<b>MD (FtKB)</b>	12,740	<b>Activity Days</b>	92
<b>Daily Cost</b>	\$6,100			<b>Cum Cost</b>	\$1,685,528		
<b>Daily Activity Last 24 Hours - 6 am to 6 am</b>							
TIH w/7-7/8" bit & 2- 4-1/2" DC's & 6 jts 2-7/8" tbg. Tag up at 250'. Break circulation, drill, wash & ream to 816' with little problems. Making hole was fairly easy. Talk with Kym Schure with COGCC about laying 7-7/8" bit down and attempt to run open ended 2-7/8" tbg. Circulate hole clean. TOOH with tbg & BHA. TIH with notched collar & tbg, stacked out @ 266'. Break circulation, washed down to 280'. Not able to make more hole. Circulate hole clean. Returns show small amounts of wall cake in samples. TOOH with tbg. SWI. SDFN. Decide to change to complete mud system and 38 to 42 vis mud. Will have equipment on location by noon tomorrow.							
<b>Report Date</b>	8/21/2013	<b>Current Ops</b>	P&A Beffie #1 Wash/drlg open hole	<b>MD (FtKB)</b>	12,740	<b>Activity Days</b>	93
<b>Daily Cost</b>	\$8,600			<b>Cum Cost</b>	\$1,694,128		
<b>Daily Activity Last 24 Hours - 6 am to 6 am</b>							
Move in 250 bbls mud tank with mixing hopper & shaker, set PH-8 tri-plex pump. When gel sack mud showed up, unload & mix up 240 bbls 60 vis mud. PU/MU 4-3/4" tri-cone rock bit on BS & 2- 4-1/2" DC's. TIH w/tbg, tag at 220'. Break circulation, rotate and wash down to 500'. Recipacate pipe at all connections to ensure hole cleaning. At 5:00 p.m. circulate hole 1 hour until clean. TOOH. SWI. SDFN.							
<b>Report Date</b>	8/22/2013	<b>Current Ops</b>	P&A Beffie #1 Wash/drlg open hole	<b>MD (FtKB)</b>	12,740	<b>Activity Days</b>	94
<b>Daily Cost</b>	\$7,500			<b>Cum Cost</b>	\$1,701,628		
<b>Daily Activity Last 24 Hours - 6 am to 6 am</b>							
TIH w/4-3/4" rock bit & 2 4-1/2" DC's, tag at 722'. Break circulation. Pumping 6 bpm, 50 psi. Rotate and wash down to 1790'. Stacked out several time, stayed swiveled up to drill out bridges. Hole not giving up much for solids in returns, bridges average 4' to 6' long. Mud average at 40 vis & 9.1 ppg. Fluid loss today was 25 bbls. Rack swivel back. TOOH w/54 jts, DC's & bit. No drag on trip out. SWI. SDFN.							
<b>Report Date</b>	8/23/2013	<b>Current Ops</b>	P&A Beffie #1 Wash/drlg open hole	<b>MD (FtKB)</b>	12,740	<b>Activity Days</b>	95
<b>Daily Cost</b>	\$11,040			<b>Cum Cost</b>	\$1,712,668		
<b>Daily Activity Last 24 Hours - 6 am to 6 am</b>							
TIH w/4-3/4" rock bit, 2- 4-1/2" DC's, on tbg, tag small bridge at 512' on bumped thru, continue in, tag bridge at 880'. Swivel up, break circulation & rotate thru. Rack swivel back. Continue TIH, tagged at 1800' (washed to 1790' at shut down yesterday). PU swivel, break circulation. Drill wash and ream to 3200'. Starting to get heavy drill cuttings back now in returns. Mud weight 9.5 ppg, Vis at 42. At 6:00 stop here & circulate well 1.25 hrs until shaker clean. Rack swivel back. TOOH with 50 stands tbg & BHA. Slight drag on bit pulling thru 800' from surface. SWI. SDFN.							
<b>Report Date</b>	8/24/2013	<b>Current Ops</b>	P&A Beffie #1 Wash/drlg open hole	<b>MD (FtKB)</b>	12,740	<b>Activity Days</b>	96
<b>Daily Cost</b>	\$11,040			<b>Cum Cost</b>	\$1,723,708		
<b>Daily Activity Last 24 Hours - 6 am to 6 am</b>							
TIH w/4-3/4" rock bit, 2- 4-1/2" DC's on tbg, tagged same bridge at 812', bumped thru. Continue TIH to 3200' with no problems. Swivel up. Break circulation at 6 bpm. Wash down and rotate to 4,200', returns cleaned up with not much solids across shaker. Rack swivel back, run tbg with no problems to 5,600'. Break circulation here, pumped 1.5 hours until returns clean. Talked to Kym Schure with the COGCC and let him know our progress. He was good with our depths. Will cement in the morning. TOOH with tbg, DC's & bit. SWI. SDFN.							
<b>Report Date</b>	8/25/2013	<b>Current Ops</b>	P&A Beffie #1 Pump 1st cmt plug, TOOH	<b>MD (FtKB)</b>	12,740	<b>Activity Days</b>	97
<b>Daily Cost</b>	\$29,392			<b>Cum Cost</b>	\$1,753,100		
<b>Daily Activity Last 24 Hours - 6 am to 6 am</b>							
TIH w/notched collar & tbg to 5600'. Break circulation w/rig pump, circulate for 45 mins to ensure wellbore clean. MIRU Baker Hughes Cement equipment. Held pre-job safety meeting. Test all lines to 4000 psi. Mix & pump 62 sx of Class G + 2% CACL2 @ 15.8 PPG cmt, displace w/29 bbls fresh water & balance cmt. Returns plugged off in wellhead at the end of pumping cmt do to very heavy mud, pressure increased from 750 to 1250 psi. Pull up hole 2/tbg 2000' to 3600'. First 10 stands pulled dry then started pulling wet. Stopped at 3600' left in hole, pumped fresh water to clear tbg. Pumping at 4400 psi @ .8 bpm. Shut down, continue TOOH, bottom 16 jts tbg plugged with cement. Looks like possible bad collar and tbg thread along with plugging off with heavy drill mud was cause of cement not clearing tbg during end of displacement of cmt. SWI. SDFN.							
<b>Report Date</b>	8/26/2013	<b>Current Ops</b>	P&A Beffie #1 Clean mud sys, mix new mu	<b>MD (FtKB)</b>	12,740	<b>Activity Days</b>	98
<b>Daily Cost</b>	\$5,690			<b>Cum Cost</b>	\$1,758,790		
<b>Daily Activity Last 24 Hours - 6 am to 6 am</b>							
Lay down tbg from derrick. Clean mud tanks with super vac. Mix up new mud. PU DC's and set up for TIH. SWI. SDFN.							

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<b>Job Description</b>	Drill & Complete	<b>Target Formation</b>	Niobrara	<b>Well Config</b>	Lateral/Horizontal
<b>AFE #</b>	13-0751	<b>Original AFE Amt</b>	\$5,395,000	<b>% AFE Expended</b>	32.49%
				<b>Target Depth</b>	12,870
				<b>Authorized AFE Amt</b>	\$5,395,000

<b>Report Date</b>	8/27/2013	<b>Current Ops</b>	P&A Beffie #1 TIH w/4-3/4" bit, DCs, tbg	<b>MD (FtKB)</b>	12,740
<b>Daily Cost</b>	\$4,440			<b>Cum Cost</b>	\$1,763,230
				<b>Activity Days</b>	99

**Daily Activity Last 24 Hours - 6 am to 6 am**

MU 4-3/4" bit on DC's, TIH w/tbg, stacked out at 280'. PU swivel. Break circulation w/6 bpm, mud is at 42 vis. Rotate thru bridge here. Circulate hole clean. Continue TIH stopping every 20 jts to circulate hole clean, bringing up thick heavy mud and old cuttings. Ran 133 jts to 4241'. Circulate hole 1-1/4 hours until returns clean. TOOH tbg & BHA. SWI. SDFN.

<b>Report Date</b>	8/28/2013	<b>Current Ops</b>	P&A Beffie #1 TIH to set cmt plugs	<b>MD (FtKB)</b>	12,740
<b>Daily Cost</b>	\$4,440			<b>Cum Cost</b>	\$1,767,670
				<b>Activity Days</b>	100

**Daily Activity Last 24 Hours - 6 am to 6 am**

TIH w/4-3/4" Bit on DC's, TIH w/tbg clean to 4,200'. Break circulation w/6 bpm 400 psi. Continue in washing and rotating down to cement plug set on 8/24/2013. This cmt plug was balanced at 5600' up to 5450', 150' cmt. Circulate hole for 1- 1/2 hours. Returns heavy mud and old drill cuttings. Lay down tbg to 3100'. Circulate hole for 1 hour. TOOH to derrick, LD DC's. SWI. SDFN.

<b>Report Date</b>	8/29/2013	<b>Current Ops</b>	P&A Beffie #1 All cmt plugs set	<b>MD (FtKB)</b>	12,740
<b>Daily Cost</b>	\$34,982			<b>Cum Cost</b>	\$1,802,652
				<b>Activity Days</b>	101

**Daily Activity Last 24 Hours - 6 am to 6 am**

RU Matco Hydro-Testers. TIH with tbg open ended to 3100. Circulate hole with rig pump for 1-1/2 hrs to roll heavy mud out. RU Baker Hughes cement equipment. Held pre-job safety meeting. Pump 10 bbls water ahead with full returns. Mix & pump 50 sx, 10.3 bbls class G cement at 15.8 ppg, displace w/16.5 bbls fresh water to balance cement. Pull tbg up hole. Cement set fr/3100' up to 2945'. Lay down tbg to next set at 600'. Pump 10 bls fresh water ahead with full returns. Mix & pump 50 sx 15.8 ppg class G cement. Displace w/2.5 bbls water. Pull tbg up hole. Cement set fr/600' up to 445'. Lay down tbg to 126'. Mix & pump 60 sx class G 15.8 ppg cement. Pump cement & circulate untill full cement returns to small pit. Lay down last 4 jts tbg. ND BOP. Top off 8-5/8" casing with cement. Wash up. RDMO cementers. Well is plugged.

<b>Report Date</b>	8/30/2013	<b>Current Ops</b>	P&A Beffie #1 Weld on DH marker, Load o	<b>MD (FtKB)</b>	12,740
<b>Daily Cost</b>	\$24,182			<b>Cum Cost</b>	\$1,826,834
				<b>Activity Days</b>	102

**Daily Activity Last 24 Hours - 6 am to 6 am**

RDMO Matco Rig 1. Dig out around 8-5/8" surface casing down to 5' below ground level. Cut casing off at 5' below GL. Weld on dry hole marker plate with well legals and date of plugging. Back fill well head area. will complete location restoration and re-seed.