



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

Multi-Day Job Sum - Drlg Dpths-No Costs

Well Name: WILDHORSE 16-13L

*Drill & Complete
 Job Started on 5/30/2013*

WPC ID	API No	Field Name	County	State	Operator	Gr Elev (ft)	Orig KB Elv (ft)
1CO076880	051233737400	Wildcat	Weld	CO	WOGC	5,054.60	5,071.90
AFE Number 13-0752		Job Category Drill & Complete	Job Type Drill & Complete		Start Date 5/30/2013	End Date	

Daily Operation Reports (6am to 6am)

Job Day (days)	Rpt #	Start Date	End Date	End Depth (ftKB)	Summary
0.0	1.0	5/28/2013	5/31/2013	0.0	Rig down prepare for rig move. 35 (all) loads on old location. Estimated spud date 5/31/2013 21:00.
2.0	2.0	5/31/2013	6/1/2013	1,440.0	Prepare rig for trucks, Load out and move 35 of 35 loads. Rig up and prep to drill 13 1/2 surface hole, Pick up Directional tools, 13 1/2" PDC bit, trip to bottom @ 80' and start drilling Surface hole from 80' - 1440'.
3.0	3.0	6/1/2013	6/2/2013	1,615.0	Drill surface from 1440' to 1615', Circ, wiper trip, circ, Trip out, run 9 5/8" casing and cement, nipple up BOP. test BOP and casing, Cut and slip drilling line. Pick up directional tools and trip in.
4.0	4.0	6/2/2013	6/3/2013	5,383.0	Drill out shoe track, drill 8 3/4" hole from 1615' to 5383'
5.0	5.0	6/3/2013	6/4/2013	6,150.0	Drill 8 3/4" hole from 5383' to 6150', trip out to pick up coring tools, trip in coring from 6150' to 6187'
6.0	6.0	6/4/2013	6/5/2013	6,504.0	Coring from 6187' to 6273', trip out and lay down core barrels, pick directional tools, trip in and drill 8 3/4" hole from 6273' to 6504', tripout and pick up coring tools
7.0	7.0	6/5/2013	6/6/2013	6,685.0	Trip in, Coring from 6504' to 6597' trip out lay down core barrels, pick up directional tools and trip in and, gamma log from 6150' to 6597', drill 8 3/4" hole from 6597' to 6685'
8.0	8.0	6/6/2013	6/7/2013	7,525.0	Drill 8 3/4" hole from 6685' to 7525', circ bottoms up for samples 4 times, pump pill, trip out for coring tools
9.0	9.0	6/7/2013	6/8/2013	7,586.0	Trip out, lay down directional tools, pick up coring tooling, trip in hole, Coring from 7525' to 7586', trip out, lay down core barrels, pick up directional tools and trip in
10.0	10.0	6/8/2013	6/9/2013	7,855.0	Drill from 7586' to 7855', Unable to steer, Trip out@ 7833', change mud motor, bit and MWD, Trip in
11.0	11.0	6/9/2013	6/10/2013	8,180.0	Drill from 7855' to 8150', Trip out, lay down directional tools and pick up coring tools, trip in, Coring from 8150' to 8180'
12.0	12.0	6/10/2013	6/11/2013	8,331.0	Coring from 8180' to 8243' (63') 16 ft/hr, 45 rpm, 15 wob, 340 gpm. Circulate bottoms up, TOO H with core #4, Lay down core barrels, pick up directional tools and trip in hole, ream 35' to bottom, Drilling from 8243' to 8331'
13.0	13.0	6/11/2013	6/12/2013	8,772.0	Drill from 8331' to 8772', Unable to steer, trip out to change mud motor and bit.
14.0	14.0	6/12/2013	6/13/2013	9,212.0	Pick up BHA, Trip in hole, Work tight hole, Ream 17 jts to bottom, Drill 8 3/4" hole from 8772' to 9212' (440'), 400 diff. 30 rpm, 25 k wob, 520 gpm.
15.0	15.0	6/13/2013	6/14/2013	9,355.0	Drill 8 3/4" hole from 9212' to 9350' (138'), 400 diff. 30 rpm, 25 k wob, 520 gpm, Circ, Trip out & lay down Dir. tools, Pick up coring tools, Trip in hole, Ream 60' to bottom, Drop ball, Core 9350 to 9355'
16.0	16.0	6/14/2013	6/15/2013	9,355.0	Rig service, Circ, Trip out for jammed core barrel, Repair #1 motor, Trip out of hole, Lay down 4' of core and barrel, Trip in with reamer run, Ream 8737' to 9355', Circ
17.0	17.0	6/15/2013	6/16/2013	9,368.0	Trip out of hole, LD BHA, PU coring tools, Trip in hole, Core 9355' to 9368', Jam core barrel, Trip out of hole, LD 8' of core,
18.0	18.0	6/16/2013	6/17/2013	9,400.0	Pick up core tools, Cut 86' of drill line, Trip in hole, Core 9368' to 9400', Circ, Trip out of hole
19.0	19.0	6/17/2013	6/18/2013	9,425.0	LD core barrels, Recovered 17' of the 32' drill, Core barrels jammed due to vertical fractures. PU 60' core barrels and trip to 9373' to 9400' and Wash and Ream .Core 9400' to 9425'
20.0	20.0	6/18/2013	6/19/2013	9,438.0	Core 9425' to 9438', Circ, Trip out of hole, Lay down 44' of core, Pick up tools for clean out run, Trip in hole, Ream 60' to bottom, Circ, Trip out of hole
21.0	21.0	6/19/2013	6/20/2013	9,479.0	Pick up core tools, Trip in hole, Ream 60' to bottom, Core 9438' to 9479', Trip out of hole, Lay down 34' of core, Trip in hole with core barrel.
22.0	22.0	6/20/2013	6/21/2013	9,539.0	Trip in hole, Ream to bottom, Core 9479' to 9539', Circ bottoms up, Trip out of hole, Lay down 61' of core, Trip in hole with core tools
23.0	23.0	6/21/2013	6/22/2013	9,633.0	Core 9539' to 9633', Circ, Trip out of hole, Lay down 93.8' of core, Pick up tools 120' of core barrel, Trip in hole
24.0	24.0	6/22/2013	6/23/2013	9,700.0	Circ & drop ball, Core 9633' to 9655', Circ, Trip out of hole, Lay down 22' of core, Trip in with 60' core barrel, Core 9655' to 9700'
25.0	25.0	6/23/2013	6/24/2013	9,775.0	Core 9700' to 9718', Circ, Trip out of hole, Lay down 61' of core, Trip in with 60' core barrel, Core 9718' to 9775', Circ bottoms up, Trip out of hole core barrel jammed
26.0	26.0	6/24/2013	6/25/2013	9,810.0	Trip out of hole, Lay down 54' of core, Pick up core barrel, Trip in hole, Core 9775' to 9810', Trip out of hole to lay down jammed core, Lay down 34' of core.
27.0	27.0	6/25/2013	6/26/2013	9,860.0	Pick up core barrel, Slip & cut 87' of drill line, Trip in hole, Repair clutch hose, Trip in hole, Trip in hole, Wash to bottom, Core 9810' to 9860', Circ bottoms up, Trip out of hole with jammed core barrel.



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

Multi-Day Job Sum - Drlg Dpths-No Costs

Well Name: WILDHORSE 16-13L

Drill & Complete
Job Started on 5/30/2013

Daily Operation Reports (6am to 6am)

Job Day (days)	Rpt #	Start Date	End Date	End Depth (ftKB)	Summary
28.0	28.0	6/26/2013	6/27/2013	9,873.0	Trip out of hole, Lay down 53' core, Pick up core barrel, Trip in hole, Core 9860' to 9873', Trip out of hole to lay down jammed core.
29.0	29.0	6/27/2013	6/28/2013	9,873.0	Laid down 7.6' of core, missing part of core, trip in for clean out run, trip out, Pick up core barrels and trip in hole, Ream to bottom.
30.0	30.0	6/28/2013	6/29/2013	9,887.0	Core from 9874' to 9887', Trip out to lay down jammed core. Lay down 6' of core, Pick up bit trip in for clean out run, Trip out
31.0	31.0	6/29/2013	6/30/2013	9,895.0	Trip out of hole, Pick up coring tools, trip in, Core from 9887' to 9895', Jammed core barrel, trip out and lay down 4.5' of core, Test BOP
32.0	32.0	6/30/2013	7/1/2013	9,963.0	Test BOP, Cut and slip drilling line, Pick up directional tools and trip in hole, and drill from 9895' to 9963', Lost circ at 9960'
33.0	33.0	7/1/2013	7/2/2013	10,060.0	Drill from 9963' to 10060' TD@ 2300. Pump sweep and circ bottoms up, Wiper trip to 6000'
34.0	34.0	7/2/2013	7/3/2013	10,060.0	Circ and condition mud, Trip out, lay down directional tools and log.
35.0	35.0	7/3/2013	7/4/2013	10,060.0	Log hole, Trip in and ream 90' to bottom, circ bottoms up
36.0	36.0	7/4/2013	7/5/2013	10,060.0	Lay down drill pipe, rig up casers and run 5 1/2" casing, Circ hole, wait for cement
37.0	37.0	7/5/2013	7/6/2013	10,060.0	Cir hole, wait on cement, pump first stage of cement, open DV tool, Circ hole, pump second stage of cement, nipple down and sent slip, clean mud tanks and rig release 7-6-13 @ 06:00, Next location Horsetail 16B-1610B
43.0	38.0	7/11/2013	7/12/2013	10,060.0	MIRU Matco Well Service Rig 2. Set rig pump & tank. Set pipe racks & cat walk. ND 7" valve. NU BOP. RU rig floor & tools. PU TIH 4-3/4" tri-cone bit and bit sub, TIH with 216 jts 2-7/8" L-80 tbg, tag cement on DV tool at 6784'. DV at 6800'. LD 3 jts tbg. SWI. Will drill out DV in the morning.
44.0	39.0	7/12/2013	7/13/2013	10,060.0	Load rig tank with 3% KCL treated water. Pressure test casing to 500 psi with good 15 min test. RU power swivel, break circulation. Drill out DV tool, circulate wellbore clean. Re-test casing to 500 psi with good 15 min test. RD swivel. Continue TIH with 317 jts tbg to float collar at 9955'. RU swivel. Drill out FC & 80' cement to 10,035'. Float shoe is at 10,045'. Cement did drill up hard. Circulate wellbore clean. Pressure test to 500 psi with good 15 min test. Rack swivel back. TOOH with 5200' tbg to derrick. Shut down due to high wind. SDFN. Will finish TOOH in the morning, round trip bit and scraper.
45.0	40.0	7/13/2013	7/14/2013	10,060.0	Continue TOOH with tbg & bit. TIH with bit & scraper back to 10,035'. Circulate wellbore with 3% KCL treated freshwater. Test casing to 1500 psi with good 15 min test. TOOH to derrick. LD B&S. SWI. SDFWE. Ready for CBL/VSP & Temp logs to run Monday.
46.0	41.0	7/14/2013	7/15/2013	10,060.0	RU FMC Wireline. RIH with CBL/Temp logs. Tag PBTD at 10,040'. Pressure casing to 1500 psi and hold for logging. Log to surface. Very good cement to surface. RDMO FMC Wireline. MIRU Halliburton Seismic Logging. PU 240' tool string. RIH to 1000', pack well off with oil saver, clamp off line in hole. SWI. SDFN. Will run seismic/temp logs tomorrow.
47.0	42.0	7/15/2013	7/16/2013	10,060.0	Halliburton BHSeismic Wireline completed VSP seismic logs. Ran temperature survey from 1000' to PBTD 10,040'. RD wireline. Sent rig crew home at 1:00 a.m. Rig crew plans to be back on location at 12:00 today, TIH w/SN & tbg to 10,000' and start swab down for under balanced perf. SWI.
48.0	43.0	7/16/2013	7/17/2013	10,060.0	TIH with SN and 127 joints tbg to 4000'. RU swab tools. Swab well down to 2500'. RD swab tools. TOOH with tbg & SN. SWI. SDFN. Set up to perf Lions formation in the morning.
49.0	44.0	7/17/2013	7/18/2013	10,060.0	RU FMC Wireline, RU pack-off and full lubricator. RIH with 10'- 3-1/8" scallop expendable perf gun loaded 6 spf, 60 holes, 60 degree phasing, 0.40" holes, 45.0" penetration. Correlate collar depths to CBL / Temp log run by FMC on 7-15-2013. FL at 2790'. Perforate Lions formation from 10,000' to 10,010'. Had no reaction at surface. POOH, FL stayed at 2790' FS. LD gun, all shots fired. RIH with Pressure and Temp logs, fluid level at 2800' FS. Log in hole to 9990', 10' above zone. Hold tools here for 70 mins and record temp and pressure. Had no significant pressure or temp change. POOH with tools. RDMO WL. MU, TIH RMOR 5-1/2" HD packer, SN and 317 jts 2-7/8" L-80 tbg. Set packer at 9936' KB. RU swab tools. SFL at 2200' FS. Made 3 swab runs, fluid level swabbed down to 5200' with no fluid entry. Swabbed back 17 bbls all water. SWI. SDFN. Will continue to swab test well tomorrow.
50.0	45.0	7/18/2013	7/19/2013	10,060.0	SFL this morning at 3600' from surface. Had 1600' fluid entry overnight. Swabbed tbg down to packer set at 9936' with 7 swab runs pulled. Made 3- 1 hour swab runs, 1st hour 600' fluid entry, 2 hour 500' entry, 3rd hour 500' fluid entry. Swabbed 39 bbls back, all water, no show oil or gas. Pulled water sample on the last swab run and will give to Mike Staab Monday morning for lab work. SWI. SDFWE. Monday morning will continue to swab test.



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

Multi-Day Job Sum - Drlg Dpths-No Costs

Well Name: WILDHORSE 16-13L

*Drill & Complete
 Job Started on 5/30/2013*

Daily Operation Reports (6am to 6am)

Job Day (days)	Rpt #	Start Date	End Date	End Depth (ftKB)	Summary
54.0	46.0	7/22/2013	7/23/2013	10,060.0	SITP was zero psi. SFL at 2200' FS, 7736' (44.80 bbls) fluid entry over 2 day shut in. Made 10 swab runs, swabbed tbg down to packer. Start 1 hour swab runs. Made 4- 1 hour swab runs, all runs with 300' fluid entry, swabbed 7 bbls. Swabbed 52 bbls for the day. All water, no show oil or gas. Water still dirty black. SWI. SDFN. Will swab test in the morning.
55.0	47.0	7/23/2013	7/24/2013	10,060.0	SITP 0 psi. SFL 6400' FS, had 3500' fluid entry overnight (20 bbls), very dark dirty brown water, no oil, no sign of gas. Swabbed tbg down in 5 swab runs. Start 1 hour swab runs. 1st run- 300' fluid entry, 2nd run- 250' entry, 3rd run- 225', 4th run- 200', 5th run- 150', 6th run- 80'. Hourly swab runs made 7 bbls. Swabbed 27 bbls for the day. All dirty dark brown water, no oil, no gas shows. SWI. SDFN. Will swab test in the morning.
56.0	48.0	7/24/2013	7/25/2013	10,060.0	SITP 0 psi. SFL 6600; FS, 3336' fluid entry overnight (19 bbls). Swab tbg down with 4 swab runs. Made 2- 1 hour swab runs. Both runs with 200' entry. Swabbed 21.60 bbls for the day. SWI. SDFN. Will perform injection test in the morning.
57.0	49.0	7/25/2013	7/26/2013	10,060.0	RU Schlumberger pumping equipment. Held pre-job safety meeting. Test all lines to 5000 psi. Set kick out to 4500 psi. Pump down tbg 38 bbls 3% KCL treated fresh water and load tbg. Start max rate injection test. Bring rate up to 6.3 bpm with pressure average at 2500 psi for 5 mins. ISIP at 487 psi. 5 min- 161, 10 min- 58 psi, 15 min- 0 psi. Start step down test. Start 4 bpm test at 4.3 bpm w/1925 psi, 3 bpm at 3.1 bpm w/1404 psi, 2 bpm w/1060 psi, 1 bpm w/727 psi, 1/2 bpm w/457 psi. All pump times held for 5 mins. Shut down, ISIP 290, 5 min- 171 psi, 10 min- 114 psi, 15 min- 76 psi. End job. RDMO Schlumberger. Release packer. TOOH with tbg and LD packer. RU FMC Wireline. RIH with 5-1/2" CIBP. Correlate depths to CCL ran 7/15/2013 by FMC. Set CIBP at 9990', 10' above Lions perfs at 10,000'. POOH. RIH with dump bailer and 2 sx cement, dump cmt on plug. POOH. RD WL for the night. Pressure test plug & csg to 2000 psi with good 15 min test. SWI. SDFN. In the morning will TIH with tbg to 3000', swab well down to 2500'. TOOH and perf.
58.0	50.0	7/26/2013	7/27/2013	10,060.0	TIH with 50 stands tbg to 3100'. RU swab. Swab well down to 2500' FS to under balance well for perforating. LD swab. TOOH with tbg. MIRU FMC Wireline. RU full lubricator. RIH with 3- 6' 3-1/8" scallop expendable guns loaded 6 spf, 29 gram charges, 60 degree phasing, 0.40 holes, 45" penetration. Correlate depths to CBL ran 7/15/2013 by FMC. Perforate Mississippian formation from 9891' to 9897', 9882' to 9888', 9874' to 9880. No reaction at surface. POOH, LD guns, all shots fired. RDMO WL. PU TIH with RMOR 5-1/2" HD packer and 314 joints 2-7/8" L-80 tbg. Set packer at 9841' KB. RU swab. SFL 1600' FS. Made 4 swab runs, swabbed tbg down to 6500'. Swabbed back 28 bbls all water, no show of oil or gas yet. SWI. SDFWE.
61.0	51.0	7/29/2013	7/30/2013	10,060.0	SITP zero psi. SFL at 6000' from surface. 500' fluid entry over weekend. Swabbed well down 5 swab runs.. Swabbed 23 bbls water, no show of oil or gas. Waited 1 hour, had 50' entry but not able to swab fluid to surface. Waited 1 hour, had same 50' fluid entry, no fluid to surface. Waited 2 more hours, had same 50' fluid entry, no fluid to surface. SWI. Will continue to swab in the morning to obtain water sample. SDFN.
62.0	52.0	7/30/2013	7/31/2013	10,060.0	SITP 0 psi. Made 1 swab run, fluid level at 9440', had 400' fluid entry overnight, all water, no show of oil or gas. RD swab tools. Release packer, TOOH with 314 joints, SN & HD packer. TIH SN and same tbg. RD rig floor & tools. ND BOP. Land tbg w/hanger. NUWH. RDMO Matco Well Service Rig 1. Release rig. Well shut in.
98.0	53.0	9/4/2013	9/5/2013	10,060.0	MIRU Matco Rig #1. Well was on a slight vac. NDWH. NU BOP. Rig up rig floor & tools. TOOH with 160 stds tbg to derrick. SWI. SDFN.
99.0	54.0	9/5/2013	9/6/2013	10,060.0	Open well up w/slight vac. TOOH LD 54 jts 2-7/8" tbg & SN. RU FMC Wireline. RIH w/5-1/2" CIBP, found fluid level at 4160' fr/surface. Set plug at 9860', top of Mississippian at 9874'. POOH. RIH w/dump bailer, dump 12' cement on CIBP. POOH. RD WL. Load csg w/96 bbls 3% KCL water, test plug to 2000 psi. TIH w/SN & 4000' tbg. RU swab tools. Swab well down to 2500' from surface to under balance well for perforating. LD tool. TOOH w/tbg & SN.
100.0	55.0	9/6/2013	9/7/2013	10,060.0	RU FMC Wireline. RU full lub & packoff. RIH w/9', 3-1/8" expendable scallop perf gun loaded 6 spf, 23 grm charges, .041" holes, 45" pen. Correlate depths to GR/CBL run 7/15/2013 by FMC. Found fluid level at 2,670'. Perforate Lower Lyons formation from 8,208' to 8,217'. No reaction at surface. POOH. RIH w/Pressure-Temp combo logging tools. Found fluid level at 2,640'. Log fr/here down to top of Lower Lyons perfs, stop log tools at 8,207'. Time log here for 90 mins. POOH w/tools. RDMO WL. PU/MU 5-1/2" Baker Hornet pkr. TIH w/260 jts 2-7/8" tbg, set pkr at 8155'. RU swab tools. SFL @ 2,100' FS. FL up 500'. Made 10 swab runs, Swab back 70 bbls all water. Final FL was at 4,200'. Had 35 bbls influx during swabbing. No show of gas or oil. SWI. SDFN.
103.0	56.0	9/9/2013	9/10/2013	10,060.0	Shut in tbg pressure 35 psi. SFL at 2400' from surface. Made 27 swab runs for the day. Swabbed back 150 bbls all water. No show of gas or oil. Final FL at 7300' FS. SWI. SDFN.



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

Multi-Day Job Sum - Drlg Dpths-No Costs

Well Name: WILDHORSE 16-13L

Drill & Complete
Job Started on 5/30/2013

Daily Operation Reports (6am to 6am)

Job Day (days)	Rpt #	Start Date	End Date	End Depth (ftKB)	Summary
104.0	57.0	9/10/2013	9/11/2013	10,060.0	SITP at strong blow. SFL 2,200' FS. Made 23 swab runs with fluid level slowly dropping to 7,200' FS. Last 9 swab runs fluid level stayed at 7,200' FS. Swabbed back 190 bbls all water. No sign of oil or gas yet. Did get water sample on the last run. SWI. SDFN.
105.0	58.0	9/11/2013	9/12/2013	10,060.0	SITP slight blow. SFL 2,300' FS. Made 25 swab runs with fluid level dropped to 7,200'. Last 6 swab runs stayed at 7,200'. Swabbed back 169 bbls all water. No trace of oil or gas. SWI. SDFN.
106.0	59.0	9/12/2013	9/13/2013	10,060.0	SITP slight blow. SFL at 2,200' from surface. Made 29 swab runs, fluid level slowly dropped to 6700', swabbed back 210 bbls all water. Last 5 swab runs the fluid level stayed at 6,700'. No oil or gas shows yet. SWI. SDFN.
107.0	60.0	9/13/2013	9/14/2013	10,060.0	SITP slight blow. SFL at 2,200' FS. Made 23 swab runs, fluid level dropped to 6,700' and stayed. Swabbed back 195 bbls all water. No sign of oil.
110.0	61.0	9/16/2013	9/17/2013	10,060.0	SITP slight blow. SFL at 2,200' FS. Made 23 swab runs, fluid level dropped to 6700' FS. Fluid level stayed at 6700' last 6 swab runs. Swabbed back 165 bbls all water, no sign of oil. SWI. SDFN.
111.0	62.0	9/17/2013	9/18/2013	10,060.0	SITP @ slight blow. Release packer, TOOH w/260 jts tbg & Baker Hornet packer. RU FMC Wireline. RIH w/5-1/2" CIBP & set @ 8,204', 4' above lower Lyons top perf. POOH LD setting tool. TIH w/SN and 127 jts tbg to 4000'. RU swab tools. Swab well down to 2500' FS to under balance for perforating upper Lyons. TOOH w/tbg. SWI. SDFN.
112.0	63.0	9/18/2013	9/19/2013	10,060.0	Rig FMC Wireline equipment up. MU/RIH gun #1, 14', 3-1/8" expendable scallop perf gun, loaded 6 spf, deep penetration 23 gram charges w/.041" diameter holes, 45" pen. Perforate upper Lyons 8,170 to 8,184', 84 holes. No reaction at surface. POOH, MU/RIH w/perf gun #2, 12' gun loaded the same, RIH perforate upper Lyons 8,140' to 8,152', 72 holes. No reaction at surface. Fluid stayed at 2,500' from surface. Both gun runs correlated to GR/CBL run 7/15/2013 by FMC WL. POOH, all shots fired on both guns. RIH w/pressure & temp log tools. Fluid level at 2,500' FS. Log to top perf. Time log here for 65 mins, no pressure increase in that time setting at formation. POOH. LD tools. Mix 1 sack cement, load bailer. RIH & dump on CIBP at 8,204'. POOH. RD WL. PU/MU 5-1/2" Baker Hornet packer. TIH 257 jts 2-7/8" tbg. Set packer in 25K compression at 8,063' KB. RU swab tools at 5:00 p.m., SFL at 2,000' FS, had 500' fluid entry. Made 5 swab runs, FFL at 4,000'. Swabbed back 32 bbls all water. No sign of oil yet. SWI. SDFN.
113.0	64.0	9/19/2013	9/20/2013	10,060.0	SITP at strong blow. Starting fluid level at 2,200' from surface. Swabbed well down to packer in 9 swab runs. Start making 30 min swab runs. Made 9- 30 mins runs, had 800' entry on 30 min swab runs. Swabbed back total of 135 bbls all water. No sign of oil yet. SWI. SDFN.
114.0	65.0	9/20/2013	9/21/2013	10,060.0	SITP slight blow. No show of gas. SFL at 2,800' from surface. Made 12 swab runs by 1:00 p.m., fluid level swabbed down to 7,860', packer set at 8,066'. Had 35 bbls all water swabbed back. Continue swabbing with 200' to 300' fluid entry every swab run. Swabbed back 75 bbls total for the day. No show of oil. SWI. SDFWE.
117.0	66.0	9/23/2013	9/24/2013	10,060.0	SITP slight blow. No show of gas. SFL 2,300' from surface. Swabbed well down to 7,900, with 12 swab runs made. Continue swabbing with 200' to 300' fluid entry per swab run. Swabbed back 62 bbls water. No show of oil. SWI. SDFN.
118.0	67.0	9/24/2013	9/25/2013	10,060.0	MIRU Baker Hughes pump equipment. RU on tbg. held safety meeting. Pressure test all lines to 6000 psi. Open up tbg master valve. Load tbg with 11 bbls 3% treated KCL water. Pressure increased to 3900 psi at 3 bpm, then broke to 2100 psi. Increase rate to 6 bpm for 30 bbls with average pressure at 2850 psi. Shut down, ISIP=1640, 5 min=686, 10 min=158, 15 min=0 psi. Start 30 bbls pump in at 4 bpm, average pump in pressure 2200 psi, start 30 bbls pump in at 3 bpm with average pressure at 1900 psi, start 30 bbls 2 bpm pump in with average pressure at 1690 psi, start 30 bbls pump in at 1 bpm, average pressure at 1300 psi, start 30 bbls pump in at 1/2 bpm with average pressure at 1015 psi. Shut down, ISIP=851, 5 min=317, 10 min=192, 15 min=81 psi. Bleed pressure back. RDMO Baker Hughes. Release packer, LD 17 jts 2-7/8" tbg. TOOH w/tbg to derrick. SWI. SDFN.



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

Multi-Day Job Sum - Drlg Dpths-No Costs

Well Name: WILDHORSE 16-13L

*Drill & Complete
 Job Started on 5/30/2013*

Daily Operation Reports (6am to 6am)

Job Day (days)	Rpt #	Start Date	End Date	End Depth (ftKB)	Summary
119.0	68.0	9/25/2013	9/26/2013	10,060.0	MIRU FMC Wireline equipment. MU/RIH w/5-1/2" CIBP. Correlate depths to RCBL/GR/CCL ran by FMC 7/15/2013. Fluid level at 1,970'. Set plug @ 8,120'. POOH, MU cement dump bailer, mix 1-1/2 sx cemet. RIH & dump on plug. POOH. Load casing w/45 bbls 3% KCL water. Pressure test CIBP to 2000 psi w/good 15 min test. TIH w/SN & 55 stds tbg to 3500'. RU swab tools. Swab well down to 2500' from surface. TOOH w/ tbg. PU 20' 3-1/8" scallop expendable perf gun loaded 6 spf, 120 holes, 23 gram deep penetration charges, 45" EHD. RIH, perf lower Entrada formation from 7,584' to 7,604'. No reaction at surface. Fluid level at 2500' FS. POOH, LD gun, all shots fired. MU temp/pressure logging tools, RIH to FL at 2500' FS, log to zone, log at 7583' for 1 hour & 15 mins. Did have a slight increase in static BH pressure. POOH. SWI. SDFN.
120.0	69.0	9/26/2013	9/27/2013	10,060.0	PU/MU Baker Hornet packer, TIH SN & 240 jts 2-7/8" tbg. Set at 7528' w/24K in compression. RU swab tools. Starting fluid level 1,300' from surface. Swabbed well from 10:00 a.m until 5:00 p.m. Swabbed back 240 bbls water, fluid level stayed at 1,800' from surface. No show of oil yet. SWI. SDFN.
121.0	70.0	9/27/2013	9/28/2013	10,060.0	SITP at 0 psi. SFL 1300' from surface. Made back to back swab runs through out the day, fluid level stayed at 1500' from surface all day. Swabbed back 285 bbls all water. No sign of oil or gas. SWI. SDFWE.
124.0	71.0	9/30/2013	10/1/2013	10,060.0	SITP was slight vacuum. SFL at 1,300' FS. No oil on the 1st swab run. Made back to back swab runs all day, fluid level dropped to 1,800' from surface and stayed all day. Swabbed back 300 bbls all water. No show of oil or gas. SWI. SDFN.
125.0	72.0	10/1/2013	10/2/2013	10,060.0	SITP was 0. SFL at 1,300' from surface. No oil on 1st swab run. Made back to back swab runs, fluid level dropped to 1,800' from surface and stayed. Swabbed back 270 bbls all water. No show of oil or gas. SWI. SDFN.
126.0	73.0	10/2/2013	10/3/2013	10,060.0	SITP was 0. SFL at 1,300' from surface. No oil on 1st swab run. Made back to back swab runs, fluid level dropped to 1,800' from surface and stayed. Swabbed back 275 bbls all water. Swab rate at 30 to 33 bbls per hour. No show of oil or gas. SWI. SDFN.
127.0	74.0	10/3/2013	10/4/2013	10,060.0	SITP was 0. SFL at 1,300' from surface. No oil on 1st swab run. Made back to back swab runs, fluid level dropped to 1,800' from surface and stayed. Swabbed back 265 bbls all water. Swab rate at 30 to 33 bbls per hour. No show of oil or gas. SWI. SDFN.
128.0	75.0	10/4/2013	10/5/2013	10,060.0	SITP was 0. SFL at 1,300' from surface. No oil on 1st swab run. Made back to back swab runs, fluid level dropped to 1,800' from surface and stayed. Swabbed back 140 bbls all water. Swab rate at 30 to 33 bbls per hour. No show of oil or gas. Release packer. TOOH w/105 stands tbg to derrick. Shut down due to high wind. SWI. SDFWE.
131.0	76.0	10/7/2013	10/8/2013	10,060.0	Finish TOOH w/tbg & packer. RU FMC Wireline. MU 5-1/2" CIBP, RIH set at 7,580'. Top lower Entrada perf at 7,584'. POOH. TIH w/SN & 54 stds tbg to 3500'. RU & swab well down to 2250' to under balance well for perforating upper Entrada. TOOH w/tbg. PU RIH w/3-1/8" expendable perf gun loaded 6 spf, 23 gram deep penetration charges. EHD .41" holes, 43" penetration. Perforate upper Entrada formation from 7,552' to 7,560', 7,544' to 7,550', 7,538' to 7,540'. No reaction at surface. Fluid level was at 2250'. POOH. LD gun, all 96 shots fired. PU RIH w/press/temp log tools to top of perfs at 7,537'. Fluid level was up to 1,530', 720' fluid entry. Time log here for 75 mins. POOH. Mix up 1 sk cement. RIH & dump on CIBP. POOH. RDMO WL.
132.0	77.0	10/8/2013	10/9/2013	10,060.0	PU/MU Baker Hornet 5-1/2" packer. TIH with 238 jts 2-7/8" tbg. Set packer in 22K compression at 7,464'. RU swab tools. SFL at 1300' FS. Fluid level dropped to 1500' from surface and stayed. Swabbed back 235 bbls water. No show of oil yet. SWI. SDFN.
133.0	78.0	10/9/2013	10/10/2013	10,060.0	SITP 0 psi. SFL 1,300' FS. Made back to back swab runs dropping fluid level to 1,500 FS. Swabbed back 265 bbls all water. No show of oil yet. There is a slight trace of fine formation sand in the fluid samples. SWI. SDFN.
134.0	79.0	10/10/2013	10/11/2013	10,060.0	SITP 0 psi. SFL 1,300' FS. Made back to back swab runs dropping fluid level to 1,500 FS. Swabbed back 356 bbls all water. No show of oil yet. Sand has cleared up, no sand in swab cups. SWI. SDFN.
135.0	80.0	10/11/2013	10/12/2013	10,060.0	SITP 0 psi. SFL 1,300' FS. Made back to back swab runs dropping fluid level to 1,500 FS. Swabbed back 295 bbls all water. No show of oil yet. Sand has cleared up, no sand in swab cups. SWI. SDFWE.
138.0	81.0	10/14/2013	10/15/2013	10,060.0	SITP 0 psi. SFL 1,300' FS. Made back to back swab runs dropping fluid level to 1,500 FS. Swabbed back 265 bbls all water. No show of oil yet. Sand has cleared up, no sand in swab cups. SWI. SDFWE.
139.0	82.0	10/15/2013	10/16/2013	10,060.0	SITP 0 psi. SFL 1,300' FS. Made back to back swab runs dropping fluid level to 1,500 FS. Swabbed back 285 bbls all water. No show of oil yet. LD swab tools. SWI. SDFWE.



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

Multi-Day Job Sum - Drlg Dpths-No Costs

Well Name: WILDHORSE 16-13L

*Drill & Complete
Job Started on 5/30/2013*

Daily Operation Reports (6am to 6am)

Job Day (days)	Rpt #	Start Date	End Date	End Depth (ftKB)	Summary
140.0	83.0	10/16/2013	10/17/2013	10,060.0	Release Baker Hornet packer. TOOH with 238 jts L-80 t bg, SN & packer. TIH with SN & 238 jts 2-7/8" L-80 tbg. RD rig floor & tools. ND BOP. NUWH. SWI. RDMO Matco Rig 1.