



# PERMIAN RESOURCES, LLC

## UL Daily Drilling Partner Summary

**Report End Date:** 5/15/2017  
**Report Number:** 13  
**Rig:** UNIT, 407  
**Projected Days (days):** 19  
**Drilling Days:** 7  
**End MD (ftKB):** 6,009  
**Depth Progress (ft):** 0  
**Planned VS (ft):** 11,102  
**Current VS (ft):** 612  
**AFE Number:** 1550416

### UNIVERSITY 11 RE 936HS PRES WELL NO. 154

API 42383398350000	Surface Legal Location UL SURVEY, A-U251, BLOCK 11, SECT 9	Latitude 31.2138700000	Longitude -101.5024500000	Orig KB El... 2,687.00	RKB (ft) 21.00	County REAGAN	State TEXAS
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#### Report Summary

Well Spud Date 3/26/2017	Total Depth Date	Rig Release Date	Target Formation WFMPA1_141_SH	Proposed TD (ftKB) 17,549
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Status at Report Time  
DRILLING CEMENT AT 5880 ft.

<b>Operations Summary</b> PREPPED RIG TO WALK. WALKED RIG TO THE UNIVERSITY 11RE 936HS. REMOVED TA CAP, INSTALLED SPACER SPOOLS, AND NIPPLED UP BOP. TESTED BOP. PERFORMED DRAW DOWN TEST ON ACCUMULATOR AND INSTALLED WEAR BUSHING. PICKED UP DIRECTIONAL BHA. TRIPPED IN HOLE TO 5842 ft. DISPLACED HOLE WITH OBM. WASHED AND REAMED FROM 5842 ft TO 5847 ft. DRILLED CEMENT FROM 5847 ft TO 5880 ft.  LAST SURVEY: DEPTH- 5931 INC- 2.5°, AZ- 170.00, TVD- 5885.10, VS- 610.72 , AHEAD- 8, LEFT- 2.5, TEMP 111°  MW- 9.2, VIS- 64  NEXT WELL: RCR RE 1 180 07HA	<b>Planned Operations</b> DRILL FLOAT COLLAR, CEMENT, AND SHOE. DRILL 8 3/4 PRODUCTION HOLE TO KOP OF 6700 ft. BEGIN DRILLING CURVE
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Start MD (ftKB) 6,009	End MD (ftKB) 6,009	Depth Progress (ft) 0	Drilling Time (hr)	Avg ROP (ft/hr)
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#### Time Log

Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments	Hole Section	Interval	Category	Activity	NPT
06:30	07:00	0.50	6,009	6,009	PREP TO WALK RIG.	MOB	MOB	SKID/WALK	SKID/WALK	No
07:00	08:00	1.00	6,009	6,009	WALK RIG TO UNIVERSITY 11RE 936HS	MOB	MOB	SKID/WALK	SKID/WALK	No
08:00	08:30	0.50	6,009	6,009	REMOVE WELL COVER, PUMP OUT CELLAR	MOB	MOB	SKID/WALK	NIPPLE UP B.O.P./WELLHEAD	No
08:30	11:30	3.00	6,009	6,009	REMOVE TA CAP, INSTALL SPACER SPOOLS, WALK RIG FORWARD, SET BOP DOWN ON SPACER SPOOLS, HOOK UP CHOKE LINE, REMOVE KILL LINE AND CHECK VALVE, INSTALL WELL COVERS, CASING VALVE IS OPEN, TORQUE BOP AND SPACER SPOOL BOLTS,	MOB	MOB	SKID/WALK	NIPPLE UP B.O.P./WELLHEAD	No
11:30	13:00	1.50	6,009	6,009	INSTALL MUD LINES AND FLOWLINE.	MOB	MOB	SKID/WALK	NIPPLE UP B.O.P./WELLHEAD	No
13:00	15:00	2.00	6,009	6,009	HOOK UP TURNBUCKLES, SPOT CATWALK, INSTALL MOUSEHOLE, WHILE TORQUE CREW TESTING CHOKE MANIFOLD TO 250 psi LOW AND 5000 psi HIGH,	MOB	MOB	SKID/WALK	NIPPLE UP B.O.P./WELLHEAD	No
15:00	20:30	5.50	6,009	6,009	P/U TESTED JOINT AND INSTALL PUMP IN SUB, M/U TEST PLUG AND SET IN WELL HEAD. TESTED LOWER AND UPPER RAMS 250 psi LOW, 5000 psi HIGH, TESTED VALVES ON CHOKE MANIFOLD, 250 psi LOW, 5000 psi HIGH, TEST KILL LINE, 250 psi LOW, 5000 psi HIGH, TEST HYDRILL, 250 psi LOW, 3500 psi HIGH. TESTED CHECK VALVE ON KILL LINE 250 LOW AND 5000 HIGH. TESTED STAND PIPE AND MUD LINE TO 250 LOW AND 5000 HIGH. TESTED LOWER MANUAL, TIW, IBOP, AND INSIDE BOP VALVE TO 250 LOW AND 5000 HIGH. PULLED TEST PLUG AND RIGGED DOWN TESTER.	MOB	MOB	SKID/WALK	TEST B.O.P	No
20:30	21:00	0.50	6,009	6,009	PERFORMED DRAW DOWN TEST ON ACCUMULATOR.	MOB	MOB	SKID/WALK	TEST B.O.P	No
21:00	22:00	1.00	6,009	6,009	INSTALLED WEAR BUSHING	MOB	MOB	SKID/WALK	BOP/OTHER	No
22:00	23:00	1.00	6,009	6,009	CUT AND SLIPPED DRILL LINE	MOB	MOB	SKID/WALK	CUT SLIP & DRILL LINE	No
23:00	00:30	1.50	6,009	6,009	MADE UP 2.12" FIXED MUD MOTOR, UBHO SUB, SLICK NMDC, FLEX MONEL, AND XO SUB. INSTALLED MWD AND SURFACE TESTED MOTOR AND MWD. MADE UP BIT No. 3- 8 3/4 ULTERRA U516 Ser No 33302.	MOB	MOB	SKID/WALK	P/U & L/D BHA	No
00:30	03:30	3.00	6,009	6,009	INSTALLED ROTATING HEAD AND TRIPPED IN HOLE FROM 95 ft TO 5842 ft.	MOB	MOB	SKID/WALK	TRIPS	No
03:30	04:30	1.00	6,009	6,009	DISPLACE HOLE WITH 9.2 ppg OBM.	MOB	MOB	SKID/WALK	COND MUD & CIRC	No
04:30	05:00	0.50	6,009	6,009	WASHED FROM 5842 ft 5847 ft ( TAGGED CEMENT AT 5847 ft ). DRILLED CEMENT FROM 5847 ft TO 5880 ft.	MOB	MOB	SKID/WALK	REAMING	No