



# PERMIAN RESOURCES, LLC

## UL Daily Drilling Partner Summary

**Report End Date:** 5/25/2017  
**Report Number:** 23  
**Rig:** UNIT, 407  
**Projected Days (days):** 19  
**Drilling Days:** 17  
**End MD (ftKB):** 13,708  
**Depth Progress (ft):** 566  
**Planned VS (ft):** 11,102  
**Current VS (ft):** 7,053  
**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
-----------------------	---	---------------------------	------------------------------	---------------------------	-------------------	------------------	----------------

Report Summary				
Well Spud Date 3/26/2017	Total Depth Date	Rig Release Date	Target Formation WFMPA1_141_SH	Proposed TD (ftKB) 17,549

Status at Report Time  
DRILLING LATERAL AT 13,708 ft

<b>Operations Summary</b> CONTINUED OPENHOLE SIDETRACK - TIME DRILLED FROM 13,142' TO 13,166' (24 ft.) TO COMPLETE SIDETRACK. - SLID / ROTATED IN LATERAL FROM 13,166' TO 13,708'. ( 542 ft, AT 40.9 fph ) - FULL RETURNS, MD WT 9.4 NEW WINDOW 5 UP AND 15 DOWN AT 02:00 5/25/17  LAST SURVEY: 13,562 MD, 90.4° INC, 185.3° AZM, BELOW 9', RIGHT 30' - TVD: 7009.87, VS: 7052.54, BHT: 165°  NEXT WELL: RCR RE 1 180 07HA (MOVE)	<b>Planned Operations</b> DRILL LATERAL TOWARDS PTD 17,549 ft
---	--

Start MD (ftKB) 13,142	End MD (ftKB) 13,708	Depth Progress (ft) 566	Drilling Time (hr) 23.50	Avg ROP (ft/hr) 24.1
---------------------------	-------------------------	----------------------------	-----------------------------	-------------------------

Time Log										
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments	Hole Section	Interval	Category	Activity	NPT
05:00	15:15	10.25	13,142	13,166	TIME DRILLED FOR OPEN HOLE SIDETRACK: 13,142' TO 13,147' AT 5 min/in (1 ft/hr. ) 13,147' TO 13,153 AT 2 min, 30 sec / in ( 2 ft / hr. ) 13,153' TO 13,157' AT 1 min, 40 sec / in ( 3 ft / hr. ) 13,157' TO 13,161' AT 1 min, 15 sec / in ( 4 ft / hr. ) 13,161' TO 13,166' AT 1 min / in ( 5 ft / hr. ) TIME DRILLED A TOTAL OF 30' HOLDING 140-160 TOOLFACE. CONSISTENT 30-50 DIFF WITH 13 WOB AT END OF TIME DRILLING STAGE.	PROD	LAT	DRILL	DIRECTIONAL WORK	Yes
15:15	18:30	3.25	13,166	13,232	ROTATE/SLIDE DRILL FROM 13,166 ft. TO 13,232 ft AT 20.3 fph ROTATE DRILL: 30 ft IN .50 hrs. AT 60.0 fph AVERAGE ROP. SLIDE DRILL: 36 ft. IN 2.75 hrs. AT 10.9 fph AVERAGE ROP. ROTATE 45%, SLIDE 55% (FULL RETURNS)	PROD	LAT	DRILL	DRILL W/ MUD	Yes
18:30	19:00	0.50	13,232	13,232	SERVICE RIG	PROD	LAT	DRILL	LUBRICATE RIG	Yes
19:00	02:30	7.50	13,232	13,592	ROTATE/SLIDE DRILL FROM 13,232 ft. TO 13,592 ft AT 48.0 fph ROTATE DRILL: 295 ft IN 5.50 hrs. AT 53.6 fph AVERAGE ROP. SLIDE DRILL: 65 ft. IN 2.00 hrs. AT 32.5 fph AVERAGE ROP. ROTATE 81%, SLIDE 19% (FULL RETURNS)	PROD	LAT	DRILL	DRILL W/ MUD	Yes
02:30	05:00	2.50	13,592	13,708	ROTATE/SLIDE DRILL FROM 13,592 ft. TO 13,708 ft AT 46.4 fph ROTATE DRILL: 96 ft IN 1.75 hrs. AT 54.8 fph AVERAGE ROP. SLIDE DRILL: 20 ft. IN .75 hrs. AT 26.6 fph AVERAGE ROP. ROTATE 81%, SLIDE 19% (FULL RETURNS)	PROD	LAT	DRILL	DRILL W/ MUD	No