



# PERMIAN RESOURCES, LLC

## UL Daily Drilling Partner Summary

**Report End Date:** 5/13/2017  
**Report Number:** 21  
**Rig:** UNIT, 407  
**Projected Days (days):** 19  
**Drilling Days:** 18  
**End MD (ftKB):** 17,530  
**Depth Progress (ft):** 0  
**Planned VS (ft):** 11,108  
**Current VS (ft):** 11,105  
**AFE Number:** 1550467

### UNIVERSITY 11 RE 931HS PRES WELL NO. 155

API 42383398300000	Surface Legal Location SURVEY, A-U246, BLOCK 11	Latitude 31.2138700000	Longitude -101.5045900000	Orig KB El... 2,687.00	RKB (ft) 21.00	County REAGAN	State TEXAS
-----------------------	--	---------------------------	------------------------------	---------------------------	-------------------	------------------	----------------

Report Summary				
Well Spud Date 3/27/2017	Total Depth Date 5/11/2017	Rig Release Date	Target Formation WFMPA0_135_SH	Proposed TD (ftKB) 17,432

Status at Report Time  
 RUNNING 5 1/2 PRODUCTION CASING AT 8715 ft.

<b>Operations Summary</b> PERFORMED CLEAN UP CYCLE, PULLED 5 STANDS WITH NO PROBLEMS, SLUG PIPE, POOH TO 98 ft. LAID DOWN BHA. PULLED WEAR BUSHING. RIGGED UP CASING CREW. RAN 5 1/2 PRODUCTION CASING TO 8715 ft. 1/2 HOUR RIG SERVICE  MW-9.3, VIS 55  LAST SURVEY: DEPTH- 17,480, INC- 88.90 AZ- 187.10, TVD- 7026.82 VS- 11,054.66, 2.0' BELOW, 24' RIGHT, TEMP-174°  NEXT WELL: UNIVERSITY 11RE 936HS ( WALK )	<b>Planned Operations</b> RUN 5 1/2 PRODUCTION CASING TO 17,530 ft. RIG UP CEMENTING HEAD AND BURST DISK IN FLOTATION COLLAR. BLEED OUT AIR IN CASING. CIRCULATE 2 BOTTOMS UP. CEMENT CASING. NIPPLE DOWN BOP AND SET CASING SLIPS. CUT CASING AND REMOVE BOP. INSTALL WELL CAP.
---	---

Start MD (ftKB) 17,530	End MD (ftKB) 17,530	Depth Progress (ft) 0	Drilling Time (hr)	Avg ROP (ft/hr)
---------------------------	-------------------------	--------------------------	--------------------	-----------------

Time Log										
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Comments	Hole Section	Interval	Category	Activity	NPT
05:00	06:45	1.75	17,530	17,530	PUMPED 40 bbl WEIGHTED/ 40 bbl HI-VIS TANDEM SWEEP, CIRCULATE SWEEP OUT. SHAKERS CLEAN.	PROD	LAT	DRILL	COND MUD & CIRC	No
06:45	17:30	10.75	17,530	17,530	PULLED 5 STANDS WET FROM 17,482 ft TO 17,008 ft WITH NO PROBLEMS, CHECKED FLOW, PUMPED SLUG AND TRIPPED OUT OF HOLE FROM 17,708 ft TO 98 ft. FILLED HOLE CONTINUOUSLY FROM TRIP TANK. HOLE TOOK PROPER FILL.	PROD	LAT	DRILL	TRIPS	No
17:30	18:00	0.50	17,530	17,530	SERVICED RIG AND TOP DRIVE	PROD	LAT	DRILL	LUBRICATE RIG	No
18:00	19:00	1.00	17,530	17,530	LAID DOWN BHA No. 5 FROM 98 ft TO SURFACE. GRADED BIT No. 4 - 8 3/4 PDC LOGIC PLT613 D6 Ser No SO9835 1-1-WT-A-X-0-NO-TD	PROD	LAT	DRILL	P/U & L/D BHA	No
19:00	20:00	1.00	17,530	17,530	PICKED UP JOINT OF DP WITH WEAR BUSHING PULLER AND PULLED WEAR BUSHING. REMOVED DP ELEVATORS. CLEANED OBM OFF OF RIG FLOOR.	PROD	LAT	DRILL	BOP/OTHER	No
20:00	21:00	1.00	17,530	17,530	HELD PJSM AND RIGGED UP EXPRESS CASING CREW.	PROD	PROD	CSG/CEMENT	RUN CASING	No
21:00	21:15	0.25	17,530	17,530	HELD SAFETY MEETING WITH EXPRESS CASING CREW, RIG CREW, TOOLPUSHER, AND COMPANY MAN ON RUNNING CASING.	PROD	PROD	CSG/CEMENT	SAFETY MEETING	No
21:15	05:00	7.75	17,530	17,530	MADE UP 5 1/2 in. AOP 550 BTC P-110 TYPE SV 17-23# 10K FLOAT SHOE AND AOP 550 BTC 20# P-110 W/2.375" LDR TYPE DV 10K FLOAT COLLAR. PUMP THROUGH FLOAT EQUIPMENT, TESTED FLOATS (OK). MADE UP 3 BPS SUBS. RAN 187 JTS AND 3 MARKER JTS OF 5 1/2 17# RYP-110 BTC CASING TO 8715 ft.	PROD	PROD	CSG/CEMENT	RUN CASING	No