



PERMIAN RESOURCES, LLC UL Daily Drilling Partner Summary

UNIVERSITY 11 RE 936HS PRES WELL NO. 154

Report End Date: 6/1/2017
Report Number: 30
Rig: UNIT, 407
Projected Days (days): 19
Drilling Days: 24
End MD (ftKB): 17,613
Depth Progress (ft): 0
Planned VS (ft): 11,102
Current VS (ft): 11,051
AFE Number: 1550416

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 5/29/2017		Rig Release Date		Target Formation WFMPA1_141_SH		Proposed TD (ftKB) 17,549		
Status at Report Time RIGGING DOWN CEMENTERS.										
Operations Summary RAN 5 1/2 17# CYP-110 BTC PRODUCTION CASING TO 17,613 ft. RIGGED UP CEMENTING HEAD. BURST DISK IN FLOTATION COLLAR AND BLEED OUT AIR. CIRCULATED 2 BOTTOMS UP. SWITCHED LINES TO CEMENTERS AND TESTED LINES. CEMENTED CASING. FLUSHED THROUGH BOP AND FLOW LINE AND RIGGED DOWN CEMENTERS. - FINAL SURVEY: 17,563 MD, 88.2 INC, 180.4° AZM, 1' BELOW, 19' LEFT. NEXT WELL: RCR RE 1 180 07HA (MOVE)					Planned Operations RIG DOWN CEMENTERS. FLUSH TROUGH BOP, FLOW LINE, AND MUD LINES. NIPPLE DOWN BOP. SET CASING SLIPS. CUT CASING AND REMOVE BOP. INSTALL TA CAP. CLEAN MUD TANKS. RELEASE RIG TO THE RCR 1 180 07HA.					
Start MD (ftKB) 17,613		End MD (ftKB) 17,613		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	18:00	13.00	17,613	17,613	RAN 5 1/2 PRODUCTION CASING TO 17,613 ft., AFTER INSTALLING FLOTATION COLLAR FILLED CASING ON THE FLY, TAGGED BOTTOM. PULLED TRIP NIPPLE AND INSTALLED ROTATING HEAD RUBBER. RAN A TOTAL OF 418 JOINTS 5 1/2 in, 17 ppf, CYP-110 BTC CASING AND 3 MARKER JOINTS. SET FLOAT SHOE AT 17,613 ft. FLOAT COLLAR AT 17,562 ft. NOV BPS SLEEVE AT 17,513 ft. NOV BPS SLEEVE AT 17,464 ft. NOV BPS SLEEVE WITH I-SEAT AT 17,416 ft. MARKER JOINT AT 15,170 ft. MARKER JOINT AT 12,745 ft. MARKER JOINT AT 10,306 ft. NOV FLOTATION COLLAR AT 6,649 ft. RAN A TOTAL OF 140 CENTRALIZERS, 1 EVERY THIRD JOINT IN LATERAL, 3 PER 2 JOINTS IN THE CURVE, AND 1 EVERY 4 JOINTS IN VERTICAL TO SURFACE. PROPER DISPLACEMENT FROM WELL DURING CASING RUN.	PROD	PROD	CSG/CEMENT	RUN CASING	No
18:00	23:30	5.50	17,613	17,613	RIGGED UP CEMENTING HEAD AND CIRCULATING IRON. BURST DISK IN FLOTATION COLLAR WITH 2480 psi, BLEED AIR OUT OF CASING. CIRCULATED 2 BOTTOMS UP. SWAPPED LINES TO CEMENTERS. (HELD PJSM ON CEMENTING WITH RIG HANDS, TOOLPUSHER, CREST CEMNTERS, MUD ENGINEER, AND BOTH COMPANY MEN).	PROD	PROD	CSG/CEMENT	COND MUD & CIRC	No
23:30	04:00	4.50	17,613	17,613	PUMPED 5 1/2 in. PRODUCTION CEMENT JOB WITH NINE (CREST) AS FOLLOWS: TESTED LINES TO 8,000 psi, PUMPED 100 BBL 10.1 ppg WEIGHTED SPACER, 378 BBLS (720 sx) 50/50 POZ H + ADDITIVES 11.2 ppg LEAD CEMENT. 543 BBLS (2,380 sx) 50/50 POZ H + ADDITIVES 14.4 ppg TAIL CEMENT. WASHED UP CEMENTING LINES AND DROPPED DART PLUG, DISPLACED W/ 407 BBLS OF TREATED WATER W/(FIRST 50 BBL WITH SUGAR, BIOCIDES AND CORROSION INHIBITOR / REMAINING DISPLACEMENT WATER WITH BIOCIDES AND CORROSION INHIBITOR) AT 6 bls./min. (CAUGHT CEMENT 68 BBLS INTO DISPLACEMENT) SLOWED PUMP RATE TO 3 bpm FOR LAST 20 BBLS OF DISPLACEMENT. PLUG LANDED ON TIME WITH FINAL CIRCULATING PRESSURE OF 1650 psi. BUMPED PLUG TO 2450 psi. (800 psi OVER) HELD PRESSURE FOR 5 MINUTES. RELEASED PRESSURE AND BLEED BACK 4 bbls. FLOATS HELD. FULL RETURNS THROUGHOUT JOB, CIRCULATED ALL OF SPACER AND 30 BBLS GOOD CEMENT TO SURFACE. TOP OF LEAD AT SURFACE, ESTIMATED TOP OF TAIL AT 5585 ft.	PROD	PROD	CSG/CEMENT	RUN CEMENT	No
04:00	05:00	1.00	17,613	17,613	FLUSHED THROUGH BOP AND FLOW LINE. RIGGED DOWN CEMENTERS.	PROD	PROD	CSG/CEMENT	RUN CEMENT	No