Hilcorp Energy Company

Current Schematic - Version 1

Well Name: SAN JUAN 28-7 UNIT #154F

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3003931145	017-027N-007W-P	BASIN DAKOTA		NEW MEXICO	DEVIATED

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,597.00	6,612.00	15.00		

DEVIATED, Original Hole, 8/17/2018 11:09:31 AM

MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
15.1	15.2	
17.4	17.5	
40.0	40.1	
317.3	317.2	
348.1	348.1	1; Surface; 9 5/8 in; 9.00 in; 15.0 ftKB; RIG UP AND RUN 11 JTS. 9 5/8" H-40, 32.3#, ST&C CASING. SET @ 348.90' (KB). TORQUE TO 2,400 FT/LBS. FLOAT COLLAR @ 317.40' (KB).; 348.9 ftKB
353.0	353.0	OJO ALAMO (final)
2,398.0	2,316.0	KIRTLAND (final)
		FRUITLAND (final)
3,148.0	3,018.7	PICTURED CLIFFS (final)
		LEWIS (final)
3,453.1	3,309.2	HUERFANITO BENTONITE (final)
3,489.8	3,344.7	
3,799.9	3,648.5	Tubing; 2 3/8 in; 4.60 lb/ft; L-80; 15.0 ftKB; 7,600.7 ftKB
4,783.1	4,630.0	2; Intermediate1; 7 in; 6.37 in; 15.0 ftKB; PJSM AND RUN114JTS OF 7" - 23# - J55 LT&C CSG TO 4829.7'. RAN CENTRALIZERS AS PER PROG. P/U MANDREL & LAND CSG. FLOAT SHOE TOP @ 4828.7', TOP OF FLOAT COLLAR @ 4784.5'. P/U 100K, S/O 60K, STRING WT 80K. 15' OF FILL.; 4,829.7 ftKB
4,785.4	4,632.3	
4,829.7	4,676.5	
4,848.1	4,694.9	MASSIVE CLIFF HOUSE (final)
		MENEFEE (final)
5,039.0	4,885.8	PERF - MENEFEE; 5,039.0-5,308.0; 7/31/2018
5,395.0	5,241.8	POINT LOOKOUT (final)
5,611.9	5,458.6	PERF - POINT LOOKOUT; 5,395.0-5,612.0; 7/9/2018
		MANCOS (final)
6,580.1	6,426.6	PERF - MANCOS UPPER; 6,580.0-6,582.0; 6/1/2018
6,605.0	6,451.6	UPPER GALLUP (final)
6,750.0	6,596.6	
6,832.0	6,678.6	PERF - MANCOS LOWER; 6,830.0-6,832.0; 4/21/2018
7,288.1	7,134.5	
7,378.9	7,225.4	GREENHORN (final)
		GRANEROS (final)
7,494.1	7,340.5	TWO WELLS (final)
7,566.9	7,413.4	Tubing Pup Joint; 2 3/8 in; 7,600.7 ftKB; 7,602.8 ftKB; PERF - DAKOTA; 7,495.0-7,682.0; 4/11/2013
7,602.7	7,449.1	Tubing; 2 3/8 in; 4.60 lb/ft; L-80; 7,602.8 ftKB; 7,632.3 ftKB
7,632.2	7,478.7	Pump Seating Nipple; 2 3/8 in; 7,632.3 ftKB; 7,633.4 ftKB
7,633.9	7,480.3	Expendable Check; 2 3/8 in; 7,633.4 ftKB; 7,634.3 ftKB
7,682.1	7,528.5	3; Production1; 4 1/2 in; 4.00 in; 15.0 ftKB; PJSM. RIG UP & RUN 183 JTS 4 1/2" 11.6# L80 LTC CSG TO 7730.6'. SHOE @ 7729' FLOAT COLLAR @ 7708.6', MARKER JOINTS @ 7318.2' & 3518.6'. RAN CENTRALIZERS AS PER PROG. 15' OF FILL. PU-84K, SO- 58K, NUE-58K; 7,730.6 ftKB
		ENCINAL (final)
7,708.0	7,554.4	PBTD; 7,708.0; WIRELINE
7,709.3	7,555.7	
7,730.6	7,577.1	