Hilcorp Energy Company

Current Schematic - Version 3

Well Name: SAN JUAN 29-5 UNIT #22

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3003907659	008-029N-005W-L	GOBERNADOR PICTURED CLIFFS/BLA...		NEW MEXICO	Vertical

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,559.00	6,572.00	13.00		

Vertical, Original Hole, 8/8/2018 10:36:39 AM

MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
13.1		Tubing Hanger; 7 1/16 in; 50.00 lb/ft; J-55; 13.0 ftKB; 14.0 ftKB
14.1		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 14.0 ftKB; 45.2 ftKB
45.3		Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 45.2 ftKB; 51.3 ftKB
51.2		SURFACE CASING CEMENT; 13.0-336.0; 10/24/1959; Cemented with 215 sacks Regulare Cement. TOC @ Surface (Calculation).
327.1		1; Surface Casing; 13 3/8 in; 12.72 in; 13.0 ftKB; 327.0 ftKB
336.0		Cement; 2,405.0-3,709.0; 11/5/1959; Cement Lead 150 sacks Regular 4% Gel 12.5# Gilsonite, Tail 50 sacks Regular Cement. TOC @ 2405' (Temperature Log 11/5/1959).
2,404.9		
2,803.1		K Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 51.3 ftKB; 5,665.6 ftKB
2,962.9		
3,190.9		Fruitland (final)
3,232.0		Cement Squeeze; 3,232.0-3,805.0; 6/19/2018; PUMP 200SX CLASS G NEAT CMT W/ 1% CACL2. DISP W/ 12.5 BEFORE PRESSURE UP TO 900PSI. (230CF, 1.15 YIELD, 41.1BBLS SLURRY).
3,501.0		Pictured Cliffs (final)
3,509.8		PERF - PICTURED CLIFFS; 3,510.0-3,558.0; 7/17/2018
3,558.1		
3,708.0		2; Intermediate Casing; 9 5/8 in; 8.84 in; 13.0 ftKB; 3,708.0 ftKB
3,709.0		
3,799.9		SQUEEZE PERFS; 3,800.0-3,801.0; 6/18/2018
3,800.9		
3,805.1		
3,841.9		
4,240.2		M.V. & LEWIS SHALE (final)
4,589.9		Perforated; 4,240.0-4,590.0; 2/27/1997
5,303.1		CliffHouse (final)
5,359.9		
5,383.9		
5,401.9		Menefee (final)
5,638.1		Perforated; 5,360.0-5,638.0; 11/27/1959
5,665.7		Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 5,665.6 ftKB; 5,667.7 ftKB
5,667.7		
5,671.9		Poi Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 5,667.7 ftKB; 5,699.0 ftKB
5,675.9		
5,699.1		Pump Seating Nipple; 2 3/8 in; 4.70 lb/ft; J-55; 5,699.0 ftKB; 5,700.2 ftKB
5,700.1		EXPENDABLE CHECK; 2 3/8 in; 4.70 lb/ft; J-55; 5,700.2 ftKB; 5,701.0 ftKB
5,701.1		Perforated; 5,676.0-5,782.0; 11/27/1959
5,782.2		Cement; 3,842.0-7,686.0; 11/15/1959; Cement in Twio Stages. First Stage- 950 sacks 50/50 POZ Cement. Second Stage 50 sacks Neat Cement. DV Tool @ 3596. TOC @ 3596' (Temperature Survey 11/16/59). (Records Unclear)
5,783.1		Mancos (final)
6,912.1		Gallup (final)
7,566.9		PBTD; 7,567.0
7,649.9		Green Horn (final)
7,686.0		Cement; 7,567.0-7,686.0; 11/26/1959
7,688.0		3; Production Casing; 7 in; 6.37 in; 13.0 ftKB; 7,686.0 ftKB
7,844.2		Dakota (final)
8,053.1		Morrison (final)
8,067.9		Cement; 7,686.0-7,688.0; 11/26/1959
		Cement; 7,688.0-8,068.0; 11/26/1959; Cemented with 50 sacks POZ. (Looks like zone was unproductive or possibly wet)