Hilcorp Energy Company

Current Schematic - Version 3

Well Name: SAN JUAN 28-6 UNIT #117

API / UWI	Surface Legal Location	Field Name	Route	State/Province	Well Configuration Type
3003907458	010-028N-006W-J	BASIN DAKOTA (PRORATED GAS)	1303	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)
6,397.00	6,410.93	13.93		

VERTICAL, Original Hole, 5/8/2019 2:57:38 PM

MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
13.8		Tubing Hanger; 7 in; 14.00 ftKB; 15.00 ftKB
14.1		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 15.00 ftKB; 45.18 ftKB
15.1		
45.3		Tubing Pup Joint; 2 3/8 in; 45.18 ftKB; 49.18 ftKB
49.2		Tubing Pup Joint; 2 3/8 in; 49.18 ftKB; 59.16 ftKB
59.1		
304.1		Surface Casing Cement; 13.93-305.00; 4/14/1965; CEMENT W/ 175 SXS REGULAR CMT & 2% CACL. CIRCULATED CMT TO SURFACE
305.1		1; Surface; 8 5/8 in; 8.10 in; 13.93 ftKB; 305.00 ftKB
318.9		
655.8		Production Casing Cement; 656.00-3,430.00; 4/30/1965; TOC @ 656' by CBL (1/10/2019) 1.22 CUFT/SX & 75% EFFICIENCY. CEMENT 3RD STG W/ 250 SXS 50/50 POZMIX CLASS 'C' & 6% GEL
1,137.1		NACIMENTO (final)
2,512.1		OJO ALAMO (final)
2,627.0		KIRTLAND (final)
2,950.1		FRUITLAND (final)
3,288.1		PICTURED CLIFFS (final)
3,411.1		
3,413.1		
3,430.1		
3,481.0		LEWIS (final)
3,930.1		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 59.16 ftKB; 7,634.17 ftKB
4,240.2		CHACRA (final)
4,839.9		Production Casing Cement; 4,840.00-5,720.00; 4/30/1965; TOC @ 4,840' by CBL (1/10/2019) 1.22 CUFT/SX & 75% EFFICIENCY. CEMENT 2ND STG W/ 200 SXS 50/50 POZMIX, CLASS 'C', 8% GEL & 12.5# GILSONITE/SX
5,009.8		
5,026.9		CLIFF HOUSE (final)
5,107.0		MENEFEE (final)
5,464.9		POINT LOOKOUT (final)
5,609.9		PERF - MESAVERDE; 5,010.00-5,710.00; 1/11/2019
5,611.9		
5,710.0		
5,720.1		Cement Squeeze; 5,720.00-5,892.00; 1/8/2019; TOC of Squeeze @ 5,720' by CBL (1/10/2019)
5,892.1		
5,919.9		MANCOS (final)
6,680.1		GALLUP (final)
7,220.1		Production Casing Cement; 7,220.00-7,743.00; 4/30/1965; TOC @ 7,220' by CBL (1/10/2019) 1.22 CUFT/SX & 75% EFFICIENCY. CEMENT 1ST STG W/ 150 SXS REGULAR CMT, 2% CACL, 1% HALAD-9
7,423.9		GREENHORN (final)
7,482.9		GRANEROS SHALE (final)
7,538.1		PERF - DAKOTA; 7,538.00-7,633.00; 5/13/1965
7,632.9		
7,634.2		Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 7,634.17 ftKB; 7,636.26 ftKB
7,636.2		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 7,636.26 ftKB; 7,667.87 ftKB
7,666.0		
7,668.0		Seal Nipple; 2 3/8 in; 7,667.87 ftKB; 7,668.97 ftKB
7,669.0		Saw Tooth; 2 3/8 in; J-55; 7,668.97 ftKB; 7,669.37 ftKB
7,669.3		PERF - DAKOTA; 7,666.00-7,725.00; 5/13/1965
7,711.0		Production Casing Cement (plug); 7,728.00-7,743.00; 4/30/1965; TOC @ 7,220' by CBL (1/10/2019) 1.22 CUFT/SX & 75% EFFICIENCY. CEMENT 1ST STG W/ 150 SXS REGULAR CMT, 2% CACL, 1% HALAD-9
7,711.9		
7,725.1		
7,728.0		PBTD; 7,728.00
7,742.1		
7,743.1		2; Production1; 4 1/2 in; 4.00 in; 14.00 ftKB; 7,743.00 ftKB