Hilcorp Energy Company

Current Schematic - Version 3

Well Name: SAN JUAN 28-6 UNIT #102

API / UWI	Surface Legal Location	Field Name	Route	State/Province	Well Configuration Type
3003907316	026-028N-006W-H	BASIN DAKOTA (PRORATED GAS)	1304	NEW MEXICO	

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,650.00	6,657.00	7.00		

Original Hole, 4/26/2019 9:28:28 AM

MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
6.9		Tubing Hanger; 7 in; 7.00 ftKB; 8.00 ftKB
7.9		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 8.00 ftKB; 40.25 ftKB
40.4		Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 40.25 ftKB; 46.37 ftKB
46.3		
278.5		Surface Casing Cement; 7.00-320.00; 9/19/1963; CEMENT W/ 200 SXS REGULAR CMT & 2% HA-5. CIRCULATED TO SURFACE
305.1		1; Surface; 8 5/8 in; 8.10 in; 7.00 ftKB; SET DEPTH ADJUSTED FOR KB; 306.00 ftKB
306.1		
310.0		Production Casing Cement; 310.00-3,600.00; 10/12/1963; TOC @ 310' by CBL (Run 1/22/2019) 1.22 CUFT/SX & 75% EFFICIENCY. CEMENT 3RD STAGE W/ 230 SXS 50/50 POZMIX & CLASS 'C' CMT & 4% GEL
319.9		
2,854.0		KIRTLAND (final)
3,200.1		FRUITLAND (final)
3,445.9		PICTURED CLIFFS (final)
3,540.0		LEWIS (final)
3,599.1		
3,600.1		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 46.37 ftKB; 7,811.17 ftKB
4,396.0		PERF - CLIFF HOUSE / MENEFEE UPPER; 5,122.00-5,443.00; 4/9/2019
4,898.0		Production Casing Cement; 4,898.00-5,874.00; 10/12/1963; TOC @ 4,898' by CBL (Run 1/25/2019). 1.22 CUFT/SX & 75% EFFICIENCY. CEMENT 2ND STAGE W/ 160 SXS 50/50 POZMIX & CLASS 'C' CMT & 8% GEL
5,111.9		CLIFF HOUSE (final)
5,122.0		
5,271.0		MENEFEE (final)
5,442.9		PERF - POINT LOOKOUT / MENEFEE LOWER; 5,474.00-5,932.00; 4/9/2019
5,474.1		
5,632.9		POINT LOOKOUT (final)
5,871.1		Cement Squeeze; 5,874.00-6,258.00; 1/23/2019; TOC @ 5,874' by CBL (Run 1/25/2019). BOC @ 6,258' by CBL (Run 4/8/2019). MIX / PUMP 165SX CLASS G NEAT @ 15.8PPG W/ 2% CACL2. (191.4 CF / 1.16 YIELD). DISPLACE W/ 23BBLS. (CICR SET @ 6200', SQUEEZE HOLES SHOT @ 6250').
5,872.0		
5,874.0		
5,932.1		
6,131.9		MANCOS (final)
6,250.0		SQUEEZE PERFS; 6,250.00-6,250.25; 1/22/2019
6,250.3		
6,257.9		
6,644.0		GALLUP (final)
7,379.9		Production Casing Cement; 7,380.00-7,985.00; 10/12/1963; TOC @ 7,380' by CBL (Run 1/25/2019) 1.06 CUFT/SX & 75% EFFICIENCY. CEMENT 1ST STAGE W/ 150 SXS REGULAR CMT, 2% GEL & 1% HALAD-9.
7,573.2		GREENHORN (final)
7,636.2		GRANEROS (final)
7,693.9		DAKOTA (final)
7,710.0		PERF - DAKOTA; 7,694.00-7,710.00; 10/23/1963
7,790.0		PERF - DAKOTA; 7,790.00-7,804.00; 10/23/1963
7,804.1		
7,811.0		Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 7,811.17 ftKB; 7,813.25 ftKB
7,813.3		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 7,813.25 ftKB; 7,845.10 ftKB
7,827.1		DA
7,845.1		Seal Nipple; 2 3/8 in; 7,845.10 ftKB; 7,846.20 ftKB
7,846.1		PERF - DAKOTA; 7,860.00-7,868.00; 10/23/1968
7,846.5		Notched collar; 2 3/8 in; 7,846.20 ftKB; 7,846.60 ftKB
7,859.9		Production Casing Cement (plug); 7,958.00-7,985.00; 10/12/1963; TOC @ 7,380' by CBL (Run 1/25/2019) 1.06 CUFT/SX & 75% EFFICIENCY. CEMENT 1ST STAGE W/ 150 SXS REGULAR CMT, 2% GEL & 1% HALAD-9.
7,868.1		
7,957.0		
7,958.0		PBTD; 7,958.00
7,983.9		
7,984.9		2; Production1; 4 1/2 in; 4.00 in; 7.00 ftKB; 7,985.00 ftKB