Hilcorp Energy Company

Current Schematic - Version 3

Well Name: SAN JUAN 28-6 UNIT #181

API / UWI	Surface Legal Location	Field Name	Route	State/Province	Well Configuration Type
3003920668	014-027N-006W-H	BASIN DAKOTA (PRORATED G #0068	1300	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)
6,485.00	6,495.50	10.50		

VERTICAL, Original Hole, 6/24/2019 8:28:24 AM

MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
10.5		Tubing Hanger; 7 1/16 in; 50.00 lb/ft; J-55; 10.50 ftKB; 11.50 ftKB
11.5		Tubing Joint; 2 3/8 in; 4.70 lb/ft; J-55; 11.50 ftKB; 44.38 ftKB
44.3		Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 44.38 ftKB; 52.46 ftKB
52.5		Surface Casing Cement; 10.50-235.50; 8/8/1973; 190 sacks Class A; circulated to surface.
229.7		1; Surface; 9 5/8 in; 9.00 in; 10.50 ftKB; Adjusted from 15' to 10.5' KB, completion rig 10/19/1973.; 230.75 ftKB
230.6		
235.6		
1,069.9		Nacimiento (final)
2,454.1		Ojo Alamo (final)
2,500.0		
2,665.0		Kirtland (final)
2,879.9		Fruitland (final)
3,000.0		Intermediate Casing Cement; 3,000.00-3,530.10; 8/13/1973; Lead 70 sacks Class C 65/35 POZ, Tail 50 sacks Class C; partial returns to surface. (TOC at 3000' TS 8/13/1973)
3,223.1		Pictured Cliffs (final)
3,301.8		Lewis (final)
3,500.3		
3,529.2		2; Intermediate1; 7 in; 6.46 in; 10.50 ftKB; Adjusted from 13' to 10.5' KB, completion rig 10/19/1973.; 3,530.09 ftKB
3,530.2		
3,530.5		
3,746.1		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 52.46 ftKB; 7,564.21 ftKB
4,175.9		Chacra (final)
4,868.1		Cliff House (final)
4,874.0		PERF - CLIFF HOUSE UPPER; 4,874.00-5,215.00; 6/11/2019
5,016.1		Menefee (final)
5,214.9		Production Casing Cement; 2,500.00-7,706.50; 8/20/1973; Lead 249 sacks Class A, Tail 100 sacks Class A; did not circulate to surface. (TOC at 2500' CBL 5/30/2019)
5,259.8		
5,356.0		Point Lookout (final)
5,648.0		PERF - POINT LOOKOUT / MENEFEE LOWER; 5,260.00-5,648.00; 6/11/2019
5,856.0		Mancos (final)
6,468.8		
6,569.9		Gallup (final)
7,328.1		Green Horn (final)
7,392.1		Graneros (final)
7,450.1		Dakota (final)
7,564.3		Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 7,564.21 ftKB; 7,566.31 ftKB
7,566.3		Tubing Joints; 2 3/8 in; 4.70 lb/ft; J-55; 7,566.31 ftKB; 7,598.71 ftKB
7,598.8		SEATING NIPPLE; 2 3/8 in; 4.70 lb/ft; J-55; 7,598.71 ftKB; 7,599.81 ftKB
7,599.7		Saw Tooth Collar; 2 3/8 in; 4.70 lb/ft; J-55; 7,599.81 ftKB; 7,600.41 ftKB
7,600.4		Dakota; 7,450.00-7,658.00; 10/20/1973
7,658.1		
7,698.2		Production Casing Cement (plug); 7,700.00-7,706.50; 8/20/1973; Lead 249 sacks Class A, Tail 100 sacks Class A; did not circulate to surface. (TOC at 2500' CBL 5/30/2019)
7,699.1		
7,700.1		PBTD; 7,700.00
7,705.1		Cement Fill Tag; 7,706.20-7,706.50; 8/20/1973
7,706.0		3; Production1; 4 1/2 in; 4.00 in; 10.50 ftKB; Adjusted from 11' to 10.5' KB, completion rig 10/19/1973.; 7,706.21 ftKB
7,706.4		