Hilcorp Energy Company

Current Schematic - Version 3

Well Name: SAN JUAN 28-6 UNIT #209

API / UWI	Surface Legal Location	Field Name	Route	State/Province	Well Configuration Type
3003920845	015-027N-006W-H	BASIN DAKOTA (PRORATED GAS)	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)
6,505.00	6,515.50	10.50		

VERTICAL, Original Hole, 5/21/2019 1:51:41 PM

MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
10.5		Tubing Hanger; 7 in; 10.50 ftKB; 11.50 ftKB
11.5		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 11.50 ftKB; 42.57 ftKB
42.7		Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 42.57 ftKB; 48.63 ftKB
48.6		Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 48.63 ftKB; 58.65 ftKB
58.7		
215.9		Surface Casing Cement; 10.50-230.50; 5/24/1974; CEMENT W/ 190 SXS CLASS 'A' CMT W/ 1/4# CELL-FLAKE & 3% CACL2 (225 CUFT). CIRCULATED 5 BBLS CMT TO SURFACE
216.9		1; Surface; 9 5/8 in; 9.00 in; 10.50 ftKB; 216.80 ftKB
230.6		
1,024.9		Nacimiento (final)
2,500.0		Ojo Alamo (final)
2,649.9		Kirtland (final)
2,915.0		Fruitland (final)
3,211.9		Pictured Cliffs (final)
3,279.9		Lewis (final)
3,340.9		Intermediate Casing Cement; 2,500.00-3,405.30; 5/29/1974; TOC 2500' RAN BY TEMP SURVEY ON 5/29/1974. CEMENT W/ 50 SXS 65/35 CLASS 'B' POZ W/ 12% GEL FOLLOWED BY 70 SXS CLASS 'B' CMT W/ 2% CACL (214 CUFT)
3,341.9		
3,404.2		
3,405.2		2; Intermediate1; 7 in; 6.46 in; 10.51 ftKB; 3,405.31 ftKB
3,407.2		
3,733.9		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 58.65 ftKB; 7,592.31 ftKB
4,171.9		Chacra (final)
4,854.0		PERF - CLIFF HOUSE / MENEFEE UPPER; 4,854.00-5,137.00; 5/13/2019
4,889.1		Cliff House (final)
5,009.8		Menefee (final)
5,137.1		Production Casing Cement; 2,500.00-7,723.00; 6/4/1974; TOC @ ~2,500' by CBL (Run 4/6/2019). CEMENT W/ 251 SXS CLASS 'B' W/ 8% GEL, 1/4 CUFT FINE GILSONITE, 0.4% HR-4 FOLLOWED BY 100 SXS CLASS 'B' W/ 1/4#/SX FINE TUF-PLUG & 0.4% HR-4 (660 CUFT)
5,204.1		
5,391.1		Point Lookout (final)
5,564.0		PERF - POINT LOOKOUT / MENEFEE LOWER; 5,204.00-5,564.00; 5/13/2019
5,891.1		Mancos (final)
6,497.7		
6,509.8		Gallup (final)
7,454.1		D
7,592.2		Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 7,592.31 ftKB; 7,594.35 ftKB
7,594.5		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 7,594.35 ftKB; 7,626.95 ftKB
7,627.0		Pump Seating Nipple; 2 3/8 in; 7,626.95 ftKB; 7,628.05 ftKB
7,628.0		Saw Tooth; 2 3/8 in; J-55; 7,628.05 ftKB; 7,628.45 ftKB
7,628.6		PERF - DAKOTA; 7,454.00-7,664.00; 6/8/1974
7,664.0		
7,703.1		PBTD; 7,703.00
7,714.9		Production Casing Cement (plug); 7,703.00-7,723.00; 6/4/1974; TOC @ ~2,500' by CBL (Run 4/6/2019). CEMENT W/ 251 SXS CLASS 'B' W/ 8% GEL, 1/4 CUFT FINE GILSONITE, 0.4% HR-4 FOLLOWED BY 100 SXS CLASS 'B' W/ 1/4#/SX FINE TUF-PLUG & 0.4% HR-4 (660 CUFT)
7,715.9		
7,722.1		
7,723.1		3; Production1; 4 1/2 in; 4.00 in; 10.62 ftKB; 7,723.01 ftKB