Hilcorp Energy Company

Current Schematic

Well Name: SAN JUAN 32-9 UNIT #21

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3004510859	011-031N-010W-M	BLANCO MV (PRO #0078		NEW MEXICO	

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,231.00	6,241.00	10.00		

OH ST1, 4/23/2018 9:02:30 AM

MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
-0.7		
9.8		Tubing Hanger; 7 7/16 in; 4.70 lb/ft; J-55; 10.0 ftKB; 11.0 ftKB
11.2		Polished Rod w/Liner; 22.00 ft
21.7		Pony Rod; 4.00 ft
25.6		Pony Rod; 8.00 ft
33.5		Pony Rod; 8.00 ft
41.3		Surface Casing Cement; 10.0-169.0; 1/26/1955; CEMENT WITH 125 SX CIRCULATED TO SURFACE
168.0		
169.0		1; Surface; 9 5/8 in; 8.92 in; 10.0 ftKB; 169.0 ftKB
643.0		Cement Squeeze; 643.0-2,410.0; 2/27/1994
2,359.9		OJO ALAMO (final)
		Guided Rod; 3,300.00 ft
2,405.8		KIRTLAND (final)
2,410.1		SQUEEZE PERFS; 2,410.0; 2/26/1994
2,613.8		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 11.0 ftKB; 5,589.8 ftKB
3,038.1		
		Intermediate Casing Cement; 3,130.0-4,745.0; 2/14/1955; CEMENT WITH 500 SACKS TOC DETERMINED BY 1994 CBL
3,128.0		LEWIS (final)
3,129.9		Sucker Rod; 1,200.00 ft
3,341.5		Production Casing Cement; 3,792.0-5,695.0; 3/4/1994; CEMENT WITH 209 SX TOC BY CBL ON 3-5-1994
3,741.1		
3,792.0		Hyd Frac-Oil Base; 2/18/1955; SAND-OIL FRAC CLIFFHOUSE WITH 14950 GALLONS OIL AND 12000# SAND
4,541.3		
4,565.0		Hyd Frac-Slickwater; 3/7/1994; SPOT 1000 GAL 15% HCL AND FRAC CLIFFHOUSE WITH 110,000 # 20/40 ARIZONA SAND IN 197,930 GALLONS OF 2% KCL SLICKWATER.
4,687.0		
4,734.9		
4,744.1		2; Intermediate1; 7 in; 6.37 in; 10.0 ftKB; 4,745.0 ftKB
4,745.1		Guided Rod; 1,025.00 ft
4,754.9		PERF - CLIFF HOUSE MASSIVE; 4,565.0-4,938.0; 3/6/1994
		Hyd Frac-Slickwater; 3/6/1994; SPOT 1000 GAL ACID15 % HCL. FRAC LOWER POINTLOOKOUT WITH 130,000 # OF 20/40 AZ IN 188,328 GALLONS OF 2% KCL SLICKWATER.
4,938.0		
4,950.1		
4,977.0		PERF MENEFEE/POINT LOOKOUT; 4,977.0-5,364.0; 3/6/1994
5,363.8		
		Hyd Frac-Slickwater; 3/6/1994; SPOT 1000 GAL 15% HCL AND FRAC POINTLOOKOUT/MENEFEE WITH 172,000 # 20/40 ARIZONA SAND IN 242,580 GALLONS OF 2% KCL SLICKWATER.
5,392.1		
5,424.9		PERF LOWER POINT LOOKOUT; 5,392.0-5,679.0; 3/6/1994
5,566.6		
5,589.9		Sinker Bar; 25.00 ft
5,590.9		SEAT NIPPLE; 2 3/8 in; 4.70 lb/ft; J-55; 5,589.8 ftKB; 5,590.9 ftKB
5,591.5		
5,592.5		Shear Coupling; 1.00 ft
5,600.4		Guided Pony Rod; 8.00 ft
5,601.4		Pony Rod; 1.00 ft
5,614.5		SLOTED GAS ANCHOR; 2 3/8 in; 4.70 lb/ft; J-55; 5,590.9 ftKB; 5,622.5 ftKB
		Rod Insert Pump; 13.00 ft
5,622.4		Gas Anchor/Dip Tube; 8.00 ft
5,679.1		
5,683.1		Production Casing Cement (plug); 5,683.0-5,695.0; 3/4/1994; CEMENT WITH 209 SX TOC BY CBL ON 3-5-1994
5,685.0		PBTD OH ST1; 5,685.0
5,693.9		
5,694.9		3; Production1; 4 1/2 in; 4.05 in; 10.0 ftKB; 5,695.0 ftKB