Hilcorp Energy Company

Current Schematic

Well Name: MOORE C 1

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3004511797	027-032N-012W-P	DK		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)
6,246.00	6,258.00	12.00	6,246.00	6,248.00

Vertical, Original Hole, 8/28/2018 2:23:59 PM

MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
9.8		Tubing Hanger; 7 in; 10.0 ftKB; 10.7 ftKB
10.8		
12.1		Tubing; 2 3/8 in; 4.70 lb/ft; N-8; 10.7 ftKB; 41.8 ftKB
41.7		Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; N-80; 41.8 ftKB; 66.1 ftKB
66.3		Surface Casing Cement; 12.0-325.0; 7/25/1966; Cmt'd w/200 sx cement. Cement circulated to surface.
320.9		
321.9		1; Surface; 10 3/4 in; 10.19 in; 12.0 ftKB; 322.0 ftKB
325.1		
1,058.1		OJO ALAMO (final)
2,020.0		FRUITLAND (final)
2,579.1		
2,730.0		PICTURED CLIFFS (final)
3,099.1		Intermediate Casing Cement; 2,579.0-3,100.0; 7/26/1966; Cmt'd w/295 sx of cement. TOC @ 2579' per 75% efficiency calc.
3,100.1		2; Intermediate1; 7 5/8 in; 6.97 in; 12.0 ftKB; 3,100.0 ftKB
3,408.1		Tubing; 2 3/8 in; 4.70 lb/ft; N-80; 66.1 ftKB; 7,262.5 ftKB
3,878.0		Production Casing Cement; 4,158.0-5,445.0; 8/3/1966; Stage tool at 5445'. Cmt'd with 50 sx Class C, 2:1 Poz (11.9#). TOC @ 4158' measured via CBL (8/1/18)
4,158.1		
4,357.0		CLIFF HOUSE (final)
4,584.0		MENEFEE (final)
4,774.9		Hydraulic Frac; 8/9/2018; BROKE DOWN WELL WITH WATER AND 1000 GAL 15% HCL. FOAM FRAC'D MESAVERDE WITH 300,700 LBS 20/40 AND 69,547 GAL SLICKWATER AND 2.35 MILLION SCF N2. 70 QUALITY. AVG RATE = 55 BPM, AVG PSI = 4050. ISIP WAS 1400 PSI (FOAM FLUSH). DROPPED 15 BIO-BALLS WITH 1/2 OF SAND PUMPED. RA TRACED BY PRO-TECHNICS.
5,029.9		POINT — PERF - CLIFF HOUSE / MENEFEE UPPER; 4,775.0-5,224.0; 8/3/2018
5,224.1		
5,443.9		
5,444.9		
5,445.9		MANCOS (final)
6,419.9		GALLUP (final)
6,549.9		Production Casing Cement; 6,550.0-7,464.0; 8/3/1966; Cmt'd w/ 100 sx Class C (14.9#). TOC @ 6550' measured via CBL (8/1/18)
7,140.1		GREENHORN (final)
7,192.9		GRANEROS (final)
7,241.1		
7,247.0		TWO WELLS (final)
7,262.5		PERF - DAKOTA; 7,241.0-7,271.0; 9/9/1966 — Hydraulic Fracture; 9/9/1966; 50,000 G w/40,000# 40/60 sd & 10,000# 20/40 sd.
7,264.4		Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; N-80; 7,262.5 ftKB; 7,264.6 ftKB
7,271.0		Tubing; 2 3/8 in; 4.70 lb/ft; N-80; 7,264.6 ftKB; 7,296.1 ftKB
7,275.9		
7,295.9		Seating Nipple; 2 3/8 in; 7,296.1 ftKB; 7,297.2 ftKB
7,297.2		Expendable Check (MS Cut); 2 3/8 in; 7,297.2 ftKB; 7,298.0 ftKB
7,297.9		
7,330.1		Hydraulic Fracture; 9/9/1966; 55,000 G w/45,000# 40/60 sd & 10,000# 20/40 sd. ATP=3700# @ 49 bpm
7,357.9		PERF - DAKOTA; 7,330.0-7,358.0; 9/9/1966 — Hydraulic Fracture; 9/9/1966; 30,000 G w/25,000# 40/60 sd. ATP=4100# @ 46 bpm.
7,399.9		
7,439.0		PERF - DAKOTA; 7,400.0-7,445.0; 9/8/1966
7,444.9		Production Casing Cement (plug); 7,460.0-7,464.0; 8/3/1966; Cmt'd w/ 100 sx Class C (14.9#). TOC @ 6550' measured via CBL (8/1/18)
7,445.9		
7,460.0		CEMENT PLUG; 7,460.0-7,464.0; 8/4/1966
7,462.9		
7,463.9		3; Production1; 4 1/2 in; 4.00 in; 12.0 ftKB; 7,464.0 ftKB