Hilcorp Energy Company

Current Schematic

Well Name: DAVIS #11

API / UWI	Surface Legal Location	Field Name	Route	State/Province	Well Configuration Type
3004510998	003-031N-012W-O	BASIN DAKOTA (PRORATED GAS)	0108	NEW MEXICO	

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,270.00	6,280.00	10.00		

Original Hole, 6/3/2019 2:20:30 PM

MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
9.8		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 10.00 ftKB; 41.00 ftKB
41.0		Tubing Pup Joint; 2 3/8 in; 41.00 ftKB; 57.40 ftKB
57.4		
337.9		Surface Casing Cement; 10.00-339.00; 5/17/1964; CEMENT W/ 250 SXS. CIRCULATED TO SURFACE
338.9		1; Surface; 8 5/8 in; 8.10 in; 10.00 ftKB; 339.00 ftKB
349.1		
2,136.2		Production Casing Cement; 2,136.00-2,890.00; 6/5/1964; DV TOOL AT 2890'. CEMENT 3RD STAGE W/ 225 SXS 50/50 DIAMIX, 6% GEL CLASS 'C' W/ 0.5#/SX D-30. TOC VERIFIED VIA CBL (4/24/19)
2,690.9		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 57.40 ftKB; 4,924.65 ftKB
2,890.1		
2,892.1		
3,162.1		MESA VERDE LEGAL TOP (final)
3,461.9		BENTONITE (final)
4,290.0		CLIFFHOUSE (final)
4,606.0		ME
4,669.9		PERF - MENEFEE; 4,832.00-5,017.00; 5/1/2019
4,832.0		Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 4,924.65 ftKB; 4,926.75 ftKB
4,924.5		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 4,926.75 ftKB; 4,958.38 ftKB
4,926.8		Hydraulic Frac; 5/24/2019; BROKE DOWN WELL WITH WATER AND 1000 GAL 15% HCL. FOAM FRAC'D MESAVERDE WITH 306,320 LBS 40/70 AND 70,814 GAL SLICKWATER AND 2.48 MILLION SCF N2. 70 QUALITY. AVG RATE = 55 BPM, AVG PSI = 4553. ISIP WAS 613 PSI. 15 MINUTE SIP WAS 84 PSI. DROPPED 20 BIO-BALLS WITH 1/2 OF SAND PUMPED.
4,958.3		Pump Seating Nipple; 2 3/8 in; 4,958.38 ftKB; 4,959.48 ftKB
4,959.3		Expendable Check w/ Mule Shoe; 2 3/8 in; 4,959.48 ftKB; 4,960.28 ftKB
4,960.3		
5,017.1		Production Casing Cement; 4,670.00-5,400.00; 6/5/1964; DV TOOL AT 5400'. CEMENT 2ND STAGE W/ 150 SXS CLASS 'C', 6% GEL, 50/50 DIAMIX, 0.75#/SX D-30. TOC VERIFIED VIA CBL (4/24/19)
5,044.9		POINT LOOKOUT (final)
5,054.1		PERF - POINT LOOKOUT; 5,054.00-5,224.00; 5/1/2019
5,224.1		
5,399.9		
5,401.9		
5,731.0		MANCOS (final)
5,786.1		Cement Plug; 5,786.00-7,275.00; 4/30/2019; SQZ CSG W/412 SX TYPE G CMT (MIXED @ 15.8 PPG, 1.18 CU FT/SX, 486.16 CU FT).
5,831.0		Cement Retainer; 5,831.00-5,833.00; CICR
5,833.0		
6,425.9		GALLUP (final)
6,585.0		Production Casing Cement; 6,585.00-7,505.00; 6/5/1964; CEMENT PRIMARY W/ 250 SXS CLASS 'C' 50/50 DIAMIX W/ 0.25#/SX D-30. TOC VERIFIED VIA CBL (4/24/19)
7,120.1		GREENHORN (final)
7,184.1		GRANEROS (final)
7,250.0		
7,274.0		Remainder of CICR; 7,274.00-7,275.00
7,274.9		Bridge Plug - Permanent; 7,275.00-7,317.00; CIBP
7,316.9		DAKOT
7,360.9		Hydraulic Fracture; 6/8/1964; FRAC W/ 78,220 GALS WATER, 1% KET. COL. WATER & 3# PER 1000 GALS SLICKING AGENT, 500 GALS REGULAR ACID & AND 56,000# 20/40 SAND
7,434.1		PERF - DAKOTA; 7,361.00-7,434.00; 6/8/1964
7,441.9		PBTD; 7,442.00
7,471.1		Production Casing Cement (plug); 7,442.00-7,505.00; 6/5/1964; CEMENT PRIMARY W/ 250 SXS CLASS 'C' 50/50 DIAMIX W/ 0.25#/SX D-30. TOC VERIFIED VIA CBL (4/24/19)
7,472.1		
7,503.9		
7,504.9		2; Production1; 4 1/2 in; 4.05 in; 10.00 ftKB; 7,505.00 ftKB