Hilcorp Energy Company

Current Schematic - Version 3

NMOCD

MAY 2 1 2019

DISTRICT II

Well Name: SAN JUAN 30-5 UNIT #48M

API / UWI	Surface Legal Location	Field Name	Route	State/Province	Well Configuration Type
3003926367	020-030N-005W-I	MV/DK COM	1204	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)
6,452.00	6,465.00	13.00		

Vertical, Original Hole, 5/20/2019 7:23:56 AM

MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
13.1	13.3	Tubing Hanger W/Seal Sleeve & BPV Prep; 7 1/16 in; 13.04 ftKB; 13.99 ftKB
14.1	14.3	
333.0	333.1	Surface Casing Cement; 13.00-338.00; 5/26/2000; Cemented w/ 165 sx Type III. Circ 8 bbls to surface.
334.0	334.1	1; Surface; 9 5/8 in; 8.92 in; 13.00 ftKB; 334.00 ftKB
337.9	338.0	
399.9	400.0	
1,338.9	1,338.7	NACIMIENTO (final)
2,519.0	2,518.6	OJO ALAMO (final)
2,713.9	2,713.4	KIRTLAND (final)
3,084.0	3,083.4	FRUITLAND (final)
3,284.1	3,283.5	PICTURED CLIFFS (final)
3,394.0	3,393.4	
3,584.0	3,583.4	LEWIS (final)
3,732.9	3,732.3	
3,733.9	3,733.3	
3,775.9	3,775.3	
3,776.9	3,776.3	Intermediate Casing Cement; 400.00-3,777.00; 5/30/2000; Cemented w/ 455 sx Type III 35/65 pz, tailed w/ 50 sx Type III. TOC @ 400' w/ good cmt 800' to 3715' per TS 5/30/00.
3,779.9	3,779.2	2; Intermediate1; 7 in; 6.46 in; 13.00 ftKB; 3,777.00 ftKB
4,227.0	4,226.3	Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 13.99 ftKB; 7,834.86 ftKB
4,810.0	4,809.2	PERF - LEWIS; 4,227.03-4,810.00; 12/8/2000
5,260.8	5,259.9	
5,271.0	5,270.1	
5,314.0	5,313.1	CLIFF HOUSE (final)
5,332.0	5,331.1	
5,383.9	5,382.9	MENEFEE (final)
5,594.2	5,593.2	POINT LOOKOUT (final)
5,732.9	5,731.9	
5,899.0	5,897.9	MANCOS (final)
6,894.0	6,892.4	GALLUP (final)
7,589.2	7,587.2	
7,608.9	7,606.9	
7,619.1	7,617.1	GREENHORN (final)
7,669.0	7,666.9	GRANEROS (final)
7,804.1	7,802.0	DA
7,835.0	7,832.9	Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 7,834.86 ftKB; 7,836.96 ftKB
7,836.9	7,834.8	Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 7,836.96 ftKB; 7,868.61 ftKB
7,868.8	7,866.6	Profile Nipple (F-Nipple); 2 3/8 in; 7,868.61 ftKB; 7,869.48 ftKB
7,869.4	7,867.3	Mule Shoe Guide Expendable Check; 2 3/8 in; 7,869.48 ftKB; 7,870.40 ftKB
7,870.4	7,868.3	
7,918.0	7,915.8	
7,931.8	7,929.6	
7,932.7	7,930.6	PERF - MESAVERDE; 5,332.00-5,733.00; 12/1/2000
7,933.1	7,930.9	Production Casing Cement; 3,394.00-7,955.00; 6/4/2000; Cemented w/ 265 sx Type III 35/65 poz cmt, tailed w/ 50 sx Class H cmt. TOC @ 3394 per CBL 6/20/00.
7,954.1	7,951.9	PERF - DAKOTA; 7,804.13-7,917.98; 6/15/2000
7,955.1	7,952.9	Production Casing Cement (plug); 7,933.00-7,955.00; 6/4/2000; Cemented w/ 265 sx Type III 35/65 poz cmt, tailed w/ 50 sx Class H cmt. TOC @ 3394 per CBL 6/20/00.
		3; Production1; 4 1/2 in; 4.00 in; 13.00 ftKB; 7,955.00 ftKB