Hilcorp Energy Company

Current Schematic - Version 3

Well Name: SAN JUAN 29-5 UNIT #55F

API / UWI	Surface Legal Location	Field Name	Route	State/Province	Well Configuration Type
3003929335	018-029N-005W-L	MV/DK COM	1205	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)
6,598.00	6,611.00	13.00		

Vertical, Original Hole, 9/9/2019 8:28:15 AM

MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
14.1		Tubing Hanger; 7 1/16 in; 50.00 lb/ft; J-55; 13.00 ftKB; 14.00 ftKB
185.0		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 14.00 ftKB; 46.30 ftKB
240.2		Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 46.30 ftKB; 62.52 ftKB
		OJO ALAMO (final)
2,990.2		KIRTLAND (final)
3,029.9		
3,120.1		
3,140.1		
3,204.1		
3,234.9		FRUITLAND (final)
3,370.1		
3,379.9		
3,463.9		
3,537.1		PICTURED CLIFFS (final)
3,542.0		
3,711.0		LEWIS (final)
3,770.0		
3,814.0		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 62.52 ftKB; 7,812.16 ftKB
5,335.0		CLIFF HOUSE (final)
5,541.0		MENEFEE (final)
5,711.0		POINT LOOKOUT (final)
5,850.1		
5,890.1		
6,011.2		MANCOS (final)
6,996.1		GALLUP (final)
7,810.0		
7,830.1		
7,847.8		
7,872.0		GREENHORN (final)
7,912.1		
7,958.0		
		DAKOTA (final)

Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 7,812.16 ftKB; 7,814.26 ftKB

Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 7,814.26 ftKB; 7,846.56 ftKB

Seating Nipple; 2 3/8 in; 4.70 lb/ft; J-55; 7,846.56 ftKB; 7,847.66 ftKB

Saw Tooth Collar; 2 3/8 in; 4.70 lb/ft; J-55; 7,847.66 ftKB; 7,848.26 ftKB

PBTD; 7,941.00

Cement Squeeze (plug); 0.00-3,500.00; 6/28/2019

Surface Casing Cement; 13.00-229.00; 3/9/2006; 150 sx Class G, Circ. to Surf.

1; Surface; 9 5/8 in; 8.92 in; 13.00 ftKB; 229.00 ftKB

Intermediate Casing Cement; 13.00-3,808.00; 3/12/2006; Lead: 425 sx Class G, Tail: 235 sx 50/50 POZ: Class G, Circ. to Surf.

Cement Squeeze; 3,088.00-3,130.00; 6/28/2019; Hesitation Squeeze

SQUEEZE PERFS; 3,138.00-3,140.00; 6/28/2019

CEMENT SQUEEZE (plug); 3,230.00-3,376.00; 7/8/2019

SQUEEZE PERFS; 3,250.00-3,251.00; 7/8/2019

CEMENT SQUEEZE; 3,204.00-3,376.00; 7/8/2019

SQUEEZE PERFS; 3,370.00-3,371.00; 7/8/2019

Cement Squeeze; 3,400.00-3,500.00; 6/28/2019

SQUEEZE PERFS; 3,538.00-3,540.00; 6/27/2019

PERF - PICTURED CLIFFS; 3,537.00-3,594.00; 7/15/2019

2; Intermediate; 7 in; 6.46 in; 13.00 ftKB; 3,808.00 ftKB

Cement Squeeze; 3,500.00-5,850.00; 5/15/2006

Perforated; 5,335.00-5,653.00; 5/23/2006

Squeeze Holes; 5,540.00-5,541.00; 5/12/2006

Squeeze Holes; 5,540.00-5,541.00; 5/12/2006

Perforated; 5,712.00-5,810.00; 5/22/2006

Cement Squeeze; 5,710.00-5,890.00; 5/8/2006

Squeeze Holes; 5,870.00-5,871.00; 4/5/2006

Cement Squeeze; 5,890.00-6,050.00; 5/2/2006

Squeeze Holes; 5,975.00-5,976.00; 4/29/2006

Production Casing Cement; 7,400.00-7,958.00; 3/19/2006; Lead: 205 sx LiteCRETE, Tail: 205 sx 50/50 POZ: Class G, TOC @ 7400 by CBL (3/28/06)

Cement Squeeze; 7,810.00-7,831.00; 3/29/2006

Squeeze Holes; 7,830.00-7,831.00; 3/29/2006

Perforated; 7,872.00-7,888.00; 4/15/2006

PLUGBACK; 7,941.00-7,958.00; 3/20/2006

3; Production; 4 1/2 in; 4.00 in; 13.00 ftKB; 7,958.00 ftKB

Cement; 7,958.00-8,001.00; 3/20/2006