Hilcorp Energy Company

Current Schematic

Well Name: HUERFANITO UNIT #86

API / UWI	Surface Legal Location	Field Name	Route	State/Province	Well Configuration Type
3004506129	036-027N-009W-L	BASIN DAKOTA (PRORATED GAS)	0904	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)
6,213.00	6,225.00	12.00		

VERTICAL, Original Hole, 3/4/2020 3:59:13 PM

MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
12.1		Tubing Hanger; 7 in; 12.00 ftKB; 13.00 ftKB
13.1		
13.5		
13.8		Surface Casing Cement; 12.00-304.50; 6/3/1965; Cemented with 250 sxs Regular Cement, circulated to surface.
303.1		1; Surface; 9 5/8 in; 9.00 in; 12.00 ftKB; 304.50 ftKB
304.5		
312.0		Casing Crossover at 312'. Production casing changes from 7" to 5 1/2" casing.
312.7		
1,230.0		OJO ALAMO (final)
1,328.1		KIRTLAND (final)
1,569.9		Stage 3; 1,570.00-2,156.00; 6/12/1965; Cemented Stage 3 with 100 sxs 2:1 Class 'C' Pozmix Cement. TOC @ 1570' - Temperature Survey 6/13/65
1,896.0		FRUITLAND (final)
2,036.1		PICTURED CLIFFS (final)
2,127.0		LEWIS (final)
2,153.9		
2,155.8		
3,470.1		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 13.00 ftKB; 6,542.49 ftKB
3,590.9		CLIFF HOUSE (final)
3,671.9		MENEFEE (final)
4,347.1		POINT LOOKOUT (final)
4,354.0		Stage 2; 3,470.00-4,494.00; 6/12/1965; Cemented Stage 2 with 350 sxs 1:1 Class 'C' Pozmix Cement, TOC from 4520'- 3470' - CBL 2/26/95.
4,423.9		Point Lookout; 4,354.00-4,424.00; 6/29/1965
4,444.6		Hydraulic Fracture; 6/29/1965; Frac'd Point Lookout with 40,000 lbs 10/20 Sand and 51,954 gal water.
4,455.1		
4,463.3		Hydraulic Fracture; 2/28/1995; Frac'd Point Lookout with 49,220 lbs 20/40 AZ Sand and 1220 bbls 20# linear gel.
4,492.1		
4,493.1		MANCOS (final)
4,494.1		Cement Squeeze; 4,444.66-4,700.00; Perforated 2 squeeze holes @ 4700' and cemented w/ 50 sx Class B cement. TOC @ 4445????
4,668.0		Point Lookout; 4,455.00-4,668.00; 2/28/1995
4,700.1		Squeeze Hole; 4,700.00; 2/26/1995
5,502.0		GALLUP (final)
6,324.1		GREENHORN (final)
6,376.0		GRANEROS (final)
6,422.9		Stage 1; 4,494.00-6,699.50; 6/12/1965; Cemented Stage 1 with 450 sxs 1:1 Class 'A' Pozmix Cement, TOC at Stage Tool @ 4494' - 75% Efficiency Calculation.
6,485.9		DAK
6,542.7		Dakota; 6,423.00-6,577.00; 6/29/1965
6,544.6		Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 6,542.49 ftKB; 6,544.51 ftKB
6,576.4		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 6,544.51 ftKB; 6,576.41 ftKB
6,577.1		Pump Seating Nipple; 2 3/8 in; 6,576.41 ftKB; 6,577.51 ftKB
6,577.4		Mule Shoe; 2 3/8 in; 6,577.51 ftKB; 6,578.16 ftKB
6,578.1		
6,617.1		PBTD; 6,617.00
6,667.3		Hydraulic Fracture; 6/29/1965; Frac'd Dakota with 40,000 lbs 10/20 sand and 60,000 gal water.
6,669.0		
6,698.5		Stage 1 (plug); 6,617.00-6,699.50; 6/12/1965; Cemented Stage 1 with 450 sxs 1:1 Class 'A' Pozmix Cement, TOC at Stage Tool @ 4494' - 75% Efficiency Calculation.
6,699.5		2; Production; 5 1/2 in; 4.89 in; 12.00 ftKB; 6,699.54 ftKB