Hilcorp Energy Company

Current Schematic - Version 3

Well Name: SAN JUAN 31-6 UNIT #301 SWD

API / UWI	Surface Legal Location	Field Name	Route	State/Province	Well Configuration Type
3003924549	006-030N-006W-B	SWD; MORR. BLUFF ENTRA	1104	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)
6,322.00	6,334.00	12.00		

Vertical, Original Hole, 9/19/2019 1:27:52 PM

MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
7.5		Tubing Joints (internally plastic coated - TK-99); 3 1/2 in; 9.30 lb/ft; J-55; 7.39 ftKB; 39.90 ftKB
12.1		Surface Casing Cement; 12.00-495.65; 9/17/1989; Cemented with 666 sxs Class 'B' Cement (786 cuft), circulated 30 bbls to surface.
40.0		
50.2		Tubing Pup Jt (internally plastic coated - TK-99); 3 1/2 in; 9.30 lb/ft; J-55; 39.90 ftKB; 50.10 ftKB
241.5		1; Surface Casing; 20 in; 18.73 in; 12.00 ftKB; Adjusted K.B. from 11.6' to 12' to match K.B. of Production Casing.; 495.65 ftKB
493.4		
495.7		
500.3		Intermediate Casing Cement; 12.00-3,599.61; 9/29/1989; Cemented with 2535 sxs 65/35 Class 'B' Poz (4766 cuft), followed by 200 sxs Class 'B' (236 cuft). Circulated 319 bbls to surface.
2,265.1		OJO ALAMO (final)
2,393.0		KIRTLAND (final)
2,478.0		
2,912.1		FRUITLAND (final)
3,144.0		PICTURED CLIFFS (final)
3,440.3		Hyflo Hanger Packer @ 3440.22'
3,453.7		
3,515.7		
3,518.0		
3,596.8		2; Intermediate1; 13 3/8 in; 12.42 in; 12.00 ftKB; 3,599.61 ftKB
3,599.7		
3,600.1		Tubing Joints (internally plastic coated - TK-99); 3 1/2 in; 9.30 lb/ft; J-55; 50.10 ftKB; 7,978.76 ftKB
4,232.9		Intermediate2 Cement; 3,440.22-6,092.76; 10/4/1989; Cemented with 922 sxs 50/50 Class 'B' Poz (1189 cuft), followed by 100 sxs Class 'B' Cement (118 cuft). Reversed 30 bbls to surface.
4,873.0		MESAVERDE (final)
5,228.0		POINT LOOKOUT (final)
5,804.1		MANCOS (final)
5,895.0		
6,068.9		
6,069.9		3; Intermediate2; 9 5/8 in; 8.84 in; 3,440.22 ftKB; 6,092.76 ftKB
6,090.9		
6,092.8		Production Casing Cement; 5,895.00-9,039.00; 10/20/1989; Cemented with 810 sxs 50/50 Class 'G' Poz (1417 cuft), followed by 200 sxs Class 'G' (295 cuft). TOC @ 5895' CBL - 10/23/89.
6,299.9		3.50" X-Prolfil Nipple, 2.813" ID; 3 1/2 in; 9.30 lb/ft; L-80; 7,978.76 ftKB; 7,979.82 ftKB
7,528.9		
7,580.1		Tubing Joint (internally plastic coated) - TK-99; 3 1/2 in; 9.30 lb/ft; L-80; 7,979.82 ftKB; 8,012.36 ftKB
7,696.9		
7,944.9		Baker "Hornet" Retrievable Packer; 6.28 in; 9.30 lb/ft; L-80; 8,012.36 ftKB; 8,020.33 ftKB
7,978.7		
7,979.7		3.50"-9.3#-J-55-8rd EUE Pup Jt; 3 1/2 in; 9.30 lb/ft; J-55; 8,020.33 ftKB; 8,026.51 ftKB
8,012.5		
8,020.3		3.50" R-Profile Nipple 2.56" ID; 3 1/2 in; 9.30 lb/ft; L-80; 8,026.51 ftKB; 8,027.99 ftKB
8,026.6		
8,027.9		Wireline re-entry guide; 3 1/2 in; 9.30 lb/ft; L-80; 8,027.99 ftKB; 8,028.50 ftKB
8,028.5		
8,058.1		Morrison; 8,056.00-8,318.00; 10/28/1989
8,317.9		
8,453.1		BLUFF (final)
8,461.0		
8,486.2		Bluff; 8,461.00-8,608.00; 10/25/1989
8,607.9		
8,701.1		TODILTO (final)
8,753.9		ENTRADA (final)
8,768.0		
8,918.0		Entrada; 8,768.00-8,986.00; 10/23/1989
8,985.9		
8,986.9		CHINLE (final) — PBTD; 9,008.00
9,007.9		Fill; 9,008.00-9,020.00; Ruptured inflatable bridge plug chased down to 9008'.
9,020.0		Plugback; 9,020.00-9,039.00; 10/21/1989
9,021.0		
9,023.0		
9,036.4		4; Production; 7 in; 6.37 in; 12.00 ftKB; 9,039.00 ftKB
9,039.0		