Hilcorp Energy Company

Current Schematic

Well Name: SAN JUAN 28-5 UNIT #68

,

Ground Elevation (ft) 6,668.00	Original KB/RT Elevation (ft)	IVD Owned Distance			W MEXICO	VERTICAL
	6,678.00	KB-Ground Distance 10.00	e (ft) K	B-Casing Flange Dis	tance (ft) Ki	B-Tubing Hanger Distance (ft)
	VERTICA	, Original Hole	8/7/2018 2	2:45:01 PM		
MD (ftKB) TVD (ftKB)	Vertical schematic (actual)					
	Tubing Hanger; 7 1/16 in; 50.00 lb/f	· 1-55				
- 10.5	10.0 ftKB; 11 Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 11.	.0 ftKB				
- 41.7	41 Tubing Pup Joint; 2 3/8 in; 4.70 lb/f	.7 ftKB				ng Cement; 10.0-342.0; 8/20/1967; / 300 SXS CLASS 'A' CMT, 1# MED
- 328.7	41.8 ftKB; 62 1; Surface; 9 5/8 in; 9.00 in; 10.0 ftK	.1 ftKB			CIRCULATE	, 1/4# CELLOFLAKE & 3% CACL2.
- 341.9	DEPTH ADJUSTED FOR KB; 329	.6 ftKB			Sqz hole @ 2	eeze; 2,431.0-2,462.0; 8/11/2001; 2431' with 375 sx cement from 2431-
- 2,461.9					Production C	bbls cement. Pressure up to 600#.
	ICTURED CLIFFS (final) ———— EWIS (final) —————				ON 9/12/196	OC 3150' RAN BY TEMP SURVEY 7. CEMENT 3RD STAGE W/ 130 'C' 8% GEL, 50 SXS NEAT
3,672.9	Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 62.				Company of the Owner	eeze; 4,088.0-4,127.0; 7/27/2018
4,087.9		.4 ftKB			Cement Squ SPOT BALA	eeze; 4,482.0-4,700.0; 7/21/2018; NCED PLUG FROM 4685' TO 4295'.
- 4,100.1	SQUEEZE PERFS; 4,100.0-4 7/2	,101.0; 5/2018			AWAY. SIW	DF CEMENT. SQUEEZE 5.5BBLS / WOC.
- 4,127.0			Ĩ		USING 1.22	OC @ 4,700' by CBL Run 7/6/2018 CUFT/SX & 75% EFFICIENCY.
- 4,200.1	PERF - MESAVERDE; 4,200.0-4 7/2	,201.0; 5/2018			8% 50 SXS	ID STAGE W/ 165 SXS CLASS 'C' CLASS 'C' NEAT. ac; 7/12/2018; BROKE DOWN WELL
- 4,208.0 C	HACRA (final)		Ĩ		WITH WATE	ER AND 1000 GAL 15% HCL. FOAM SAVERDE WITH 256,260 LBS 20/40
- 4,482.0	PERF - MESAVERDE; 4,652.0-4				MILLION SC	GAL SLICKWATER AND 2.67 F N2. 70 QUALITY. AVG RATE = 50 PSI = 4467. ISIP WAS 1550 PSI
- 4,681.1	LIFF HOUSE (final)	20/2018		0.000	(FOAM FLU WITH 1/3 AM	SH). DROPPED 23 BIO-BALLS ND 2/3 OF SAND PUMPED (46
					LIGHTNING	AD TO CUT STAGE EARLY DUE TO IN THE VICINITY. neeze; 6,057.0-6,250.0; 8/10/2001;
	ME PERF - MESAVERDE; 5,243.0-5 20 7	/7/2018	(2000) (2000)	1 25 25 25 1 2	Sqz hole @ 6250'. Displa	6230' with 14 sx cement from 6057- ace 1/2 bbl cement. Pressure up to
- 5,869.1						leeze; 6,220.0-6,241.0; 8/16/2001;
- 6,057.1	-				SET PACKE	W/ HOLES BETWEEN 6220 -6241, R ABOVE HOLES AND ESTABLISH ON RATE OF 1/3 BPM AT 600 PSI,
- 6,220.1 - N	/ANCOS (final)				BALANCE F	CKER TO 6251 FT, SPOT A PUG OF 15 SACKS (3,1 BBLS) OLES, REVERSE TBG. 2- TIMES,
- 6,250.0						1/4 BBL. PRESSURE UP TO 500
6,770.0	Tubing Pup Joint; 2 3/8 in; 4.70 lb/ 7,783.4 ftKB; 7,78	5.5 ftKB			9/12/1967; 7	Casing Cement; 6,770.0-7,935.0;
		13/1967			CEMENT 1	CUFT/SX & 75% EFFICIENCY.
- 7,783.5	Tubing; 2 3/8 in; 4.70 lb/ft; J-55; ftKB; 7,816	5.5 ftKB		1959951 950950		racture; 9/13/1967; FRAC W/ 80,000# -
7,785.4	Pump Seating Nipple; 2 3/8 in; 4.70 55; 7,816.5 ftKB; 7,81 EXPENDABLE CHECK; 2 3/8 in; 4.	7.6 ftKB		155555	40/60 SANE	0 & 86,750 GALS WTR. DROPPED 6 6 BALLS EACH, FLUSHED W/ 5250
- 7,817.6	J-55; 7,817.6 ftKB; 7,818	3.5 ftKB		100000	GALS WTR	
~ 7,884.8 ~ ~ ~ ~ ~	FISH - TWISTED TUBING LEFT IN 8/24/01; 7,885.0-7,922.0; DRILI	N HOLE		1 SESSE 1	Production (Casing Cement (plug); 7,922.0-
- 7,920.9 I	FISH LEFT IN WELL TO 7885' FRO DURING CLEA	M 7870'	9		7,935.0; 9/1 CALCULAT	2/1967; TOC 6770' BY ION USING 1.18 CUFT/SX & 75%
- 7,930.1	2; Production1; 4 1/2 in; 4.00 in; 10	0.0 ftKB;				Y. CEMENT 1ST STAGE W/ 300 SXS CLASS 'A', 2% GEL, 1/4# FINE TUFF
- 7,935.0	1,00			1999-1997 1997-1997		