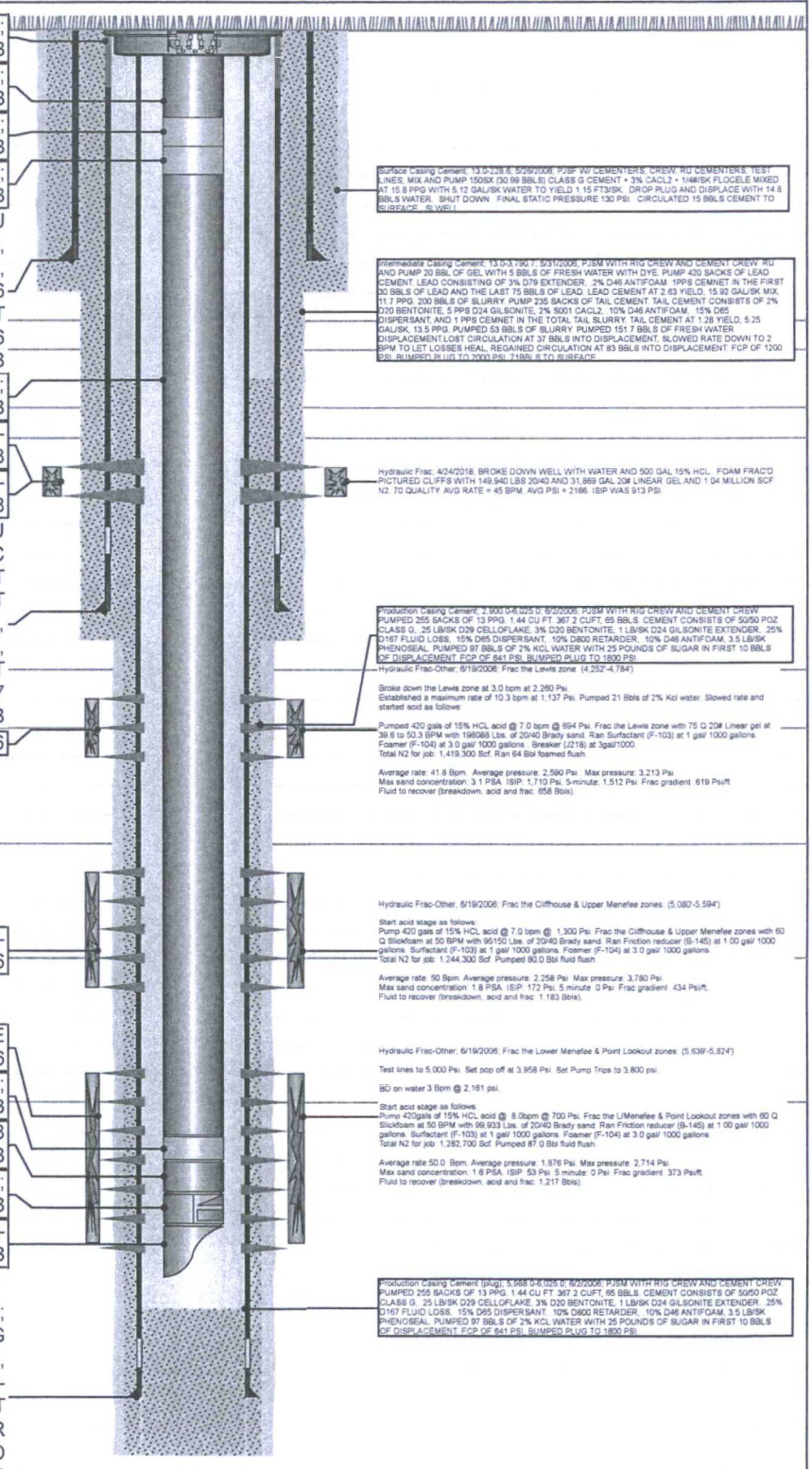
Hilcorp Energy Company

Current Schematic

Well Name: SAN JUAN 29-5 UNIT #20C

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3003929334	007-029N-005W-C	MV		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)
6,544.00	6,557.00	13.00		

Vertical, Original Hole, 5/7/2018 2:08:44 PM

MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
13.1	13.1	Tubing Hanger; 7 1/16 in; 50.00 lb/ft; J-55; 13.0 ftKB; 14.0 ftKB
14.1	14.1	
16.1	16.1	Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 14.0 ftKB; 46.5 ftKB
46.6	46.6	
54.5	54.5	Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 46.5 ftKB; 54.5 ftKB
64.6	64.6	Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 54.6 ftKB; 64.7 ftKB
184.4	184.4	
227.7	227.7	1; Surface; 9 5/8 in; 9.00 in; 13.0 ftKB; PU AND RUN 5 JOINTS OF 9 5/8, 32.3, H-40, ST&C CASING. GUIDE SHOE AT 228', CENTRALIZERS AT 227, 141, 98, AND 56 FT. CASING WENT TO BOTTOM. TEST CASING TO 1000 PSI ON 5/27/06.; 228.6 ftKB
228.7	228.7	
231.0	231.0	
2,625.0	2,624.6	
2,839.9	2,839.5	
2,899.9	2,899.5	Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 64.7 ftKB; 5,789.9 ftKB
3,246.1	3,245.6	
3,482.0	3,481.4	PICT PERF - PICTURED CLIFFS; 3,494.0-3,529.0; 4/18/2018
3,494.1	3,493.6	
3,528.9	3,528.4	PERF - PICTURED CLIFFS; 3,494.0-3,529.0; 4/8/2018
3,744.1	3,743.5	2; Intermediate; 7 in; 6.46 in; 13.0 ftKB; PU AND RUN 87 JOINTS OF 20#, J-55, ST&C 7" CASING. FLOAT SHOE AT 3790, FLOAT COLLAR AT 3745. CENTRALIZERS AT 3770, 3744, 3656, 3569, 3482, 3395, 232, 103, AND 59. TURBOLIZERS AT 2785, 2741, 2698, 2655, AND 2612. TEST CASING TO 1800 PSI ON 6/1/06.; 3,790.7 ftKB
3,745.7	3,745.2	
3,789.4	3,788.8	
3,790.7	3,790.1	
3,799.9	3,799.3	
4,231.0	4,230.3	
4,252.0	4,251.3	
4,499.0	4,498.4	PERF - LEWIS; 4,252.0-4,784.0; 6/19/2006
4,784.1	4,783.4	
4,950.1	4,949.4	
4,952.1	4,951.4	
5,032.2	5,031.4	MESA VERDE GROUP (final)
5,080.1	5,079.3	
5,200.5	5,199.7	
5,210.0	5,209.2	PERF - CLIFF HOUSE MASSIVE; 5,080.0-5,594.0; 6/19/2006
5,383.9	5,383.1	
5,594.2	5,593.3	
5,609.9	5,609.1	
5,611.9	5,611.0	PERF - POINT LOOKOUT / MENEFEE LOWER; 5,639.0-5,824.0; 6/17/2006
5,639.1	5,638.3	
5,674.9	5,674.0	Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 5,789.9 ftKB; 5,791.8 ftKB
5,789.7	5,788.8	Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 5,791.8 ftKB; 5,822.5 ftKB
5,791.7	5,790.8	
5,822.5	5,821.6	Profile Nipple; 2 3/8 in; 4.70 lb/ft; J-55; 5,822.5 ftKB; 5,823.6 ftKB
5,823.5	5,822.6	
5,824.1	5,823.3	EXP CK MULE SHOE; 2 3/8 in; 4.70 lb/ft; J-55; 5,823.6 ftKB; 5,824.5 ftKB
5,824.5	5,823.6	
5,987.9	5,987.0	3; Production; 4 1/2 in; 4.05 in; 13.0 ftKB; PJSM WITH CASING CREW AND RIG CREW. PU AND RUN 141 JOINTS AND 1, 10 FT MARKER JOINT OF 4 1/2, 10.5, J-55, ST&C CASING. MAKER JOINT AT 5200FT. SHOE AT 6018, FLOAT COLLAR AT 6016. CASING RAN RIGHT TO BOTTOM.; 6,018.7 ftKB
6,015.4	6,014.5	
6,016.7	6,015.8	
6,018.7	6,017.8	
6,022.0	6,021.1	
6,024.9	6,024.0	
6,544.0	6,543.0