

## **Current Schematic**

OCD Received 8/12/2020

## Well Name: SAN JUAN 32-8 UNIT #34

api/uwi 3004533150		Surface Legal Location Field Name 022-031N-008W-B MV/DK COM		Route 0406	State/Province NEW MEXICO	Well Configuration Type Vertical	
Ground Elevatior 6,526.00	n (ft)	Original KB/RT Elevation (ft) KB-Gro 6,539.00 13.00	ound Distance (ft) )	KB-Casing Flange D	listance (ft) KB-Tubi	ng Hanger Distance (ft)	
		Vertical, Original	Hole, 8/12/202	0 2:31:27 PM			
MD (ftKB)	TVD (ftKB)						
13.1		**SJ 32-8 UNIT 34 AND 34M DAILY				1. J. R. J. R. R. L. R	
16.1		REPORTS HAVE BEEN MIXED UP DURING DRILLING					
28.9		Tubing Sub; 2 3/8 in; 4.70 lb/ft; J-55; 12.99			Surface Casing Cement; 13.00-261. BBLS ) TYPE 1-11 PORTLAND CEI	00; 9/14/2006; CEMENTED W/ 76 SKS ( 121.5 CUFT, 21.6 MENT W/ 20% FLYASH @ 14.5 PPG. DROP PLUG AND	
249.7		ftKB; 28.99 ftKB			DISPLACE W/ 14 BBLS FW USING	RIG PUMP. CIRCULATED 2.4 BBLS CEMENT TO SURFACE.	
250.7		1; Surface; 9 5/8 in; 9.00 in; 13.00 ftKB;					
261.2		250.70 ftKB			BBLS) TAIL IN W/50 SK 50/50 POZ	5.00, 9122/2006, FJSM CEMENT 2ND STAGE OF 7 CASING. 5 CEMENT. 2.88 VIELD, 14.6 GAL/SK MIX WATER (173.65 5.76 GAL/SK (11.58 BBLS), DISPLACED WITH 115.9 BBLS	
2,321.9		—Kirtland (final) ————————————————————————————————————			CEMENT TO SURFACE. PLUG DO	G AND CLOSED DV AT 2080 PSI. 55 BBLS OF GOOD WN 1430. RD CEMENTERS, CLEAN CEMENT OUT OF BOP	
2,669.9 2,857.9							
2,858.9							
2,861.2							
3,076.1	_	— Fruitland (final) ——————			Intermediate Casing Cement; 2,858.0 PUMPED 30 BBLS OF GELLED WA	00-3,724.70; 9/22/2006; CEMENT 1ST STAGE OF 7" CASING. ITER FOLLOWED BY 5 BBLS OF FRESH WATER. CEMENT	
3,421.9		— Pictured Cliffs (final) —			WITH 265 SACKS OF 13.5 PPG CE	MENT, 1.33 YIELD, 5.52 GAL/SX. PUMP 62 BBLS OF LS OF FRESH WATER FOLOWED BY 99 BBLS OF MUD. STAGE TOOL AND CIRCULATED 21 BBLS OF GOOD CEMENT	
3,608.9		— Lewis (final)			TO SURFACE.		
3,679.8							
3,680.4							
3,724.1		2; Intermediate1; 7 in; 6.46 in; 13.02 ftKB;					
3,724.7		3,724.70 ftKB			Hydraulic Fracture; 11/3/2006; Frac 7	THE CLIFFHOUSE/ MENEFEE ZONES: (5,177'-5,473')	
3,733.9		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 28.99 ftKB; 7,887.63 ftKB			STARTED WATER B/D @ 5.0 TO 10 FLUID.	0.0 B/M @ 1,080 PSI. BD @ 1,196 PSI PUMPED 60 BBLS	
4,559.1		7,007.05 IIKD			START ACID STAGE AS FOLLOWS PUMP 420 GALS OF 15% HCL ACIE	: 0 @ 10.5 B/M @ 1,800 PSI. FRAC THE CH/MN ZONES WITH NITH 98,737 LBS. OF 20/40 BRADY SAND, AND 5,000 # TLC.	
5,165.7					RAN FRICTION REDUCER (B-145)	AT 1.0 GAL/ 1000 GALLONS. SURFACTANT (F-103) AT 1 GAL/	
5,176.8		NA			1	AT 3.0 GAL/ 1000 GALLONS. PUMPED 77 BBL N2 SLICK FOAM FLUSH. GE PRESSURE: 2.095 Psi. MAX PRESSURE: 2.452 PSI.	
5,179.1		—Mesaverde (final) ——————————			MAX SAND CONCENTRATION: 1.7. GRADIENT: 470 PSI/FT.	2 PSA. ISIP: 1,368 Psi. 5 MINUTE: 1,244 PSI. FRAC	
5,187.3		PERF - CLIFF HOUSE / MENEFEE			FRESH WATER, FOLLOWED BY 48	0-8,070.00; 9/26/2006; PUMP 20 BBLS CHEM WASH, 5 BBLS 30 SX SLURRY, 124 BBLS, (1,45 FT3/sk, 13,1 ppg, 6,55 gal/sx)	
5,299.9					50:50 TYPE V / POZ (250SX) W/2% FRICTION REDUCER, 0.1% HR-5 F	BENTONITE, 3.5LB/SX PHÈNO SEAL FINE, 0.20% CFR-3 RETARDER, 0.8 HALAD-9 FLUID LOSS ADDITIVE. DISPLACE TAINING 25# OF SUGAR IN FIRST 10 BBLS BEHIND PLUG.	
5,473.1	_				CAUGHT CEMENT AT 115 BBLS IN OF 1350 PSI. TOC @ 2670' PER CE	TO DISPLACEMENT. BUMPED PLUG WITH 2000 PSI. FCP	
5,518.0			<u>981</u>		, , , , , , ,	IL SET POP OFF AT 4,300 PSI. SET PUMP TRIPS to 4,300 PSI.	
5,694.9		Point PERF - POINT LOOKOUT; 5,518.00-	M M	N N N	START ACID STAGE AS FOLLOWS PUMP 420 GALS of 15% HCL ACID	@ 5.2 TO 8.0 B/M @ 1.800 PSI, BD @ 1.196 PSI, FRAC THE	
5,850.1		6,069.00; 11/2/2006			20/40 BRADY SAND, AND 5,000 # T 1000 GALLONS. SURFACTANT (F- 1000 GALLONS.	2 SLICKFOAM @ 44.0 to 54.8 BPM WITH 107,254 LBS.OF I.C. RAN FRICTION REDUCER (B-145) AT 1.5 TO 1.0 GAL/ 103) AT 1 GAL/ 1000 GALLON. FOAMER (F-104) AT 3.0 GAL/	
6,068.9			N 808		TOTAL N2 FOR JOB: 1,277,400 SCI	F. PUMPED 86.0 BBL FLUID FLUSH.	
6,087.9		Mancos (final)			MAX SAND CONCENTRATION:1.72	GE PRESSURE:2,331 PSI. MAX PRESSURE: 3,760 PSI. 2 PSA. ISIP: 0 PSI. 5 MIN: 0 PSI. FRAC GRADIENT: . PSI/FT. N, ACID, AND FRAC:1,214 BBLS).	
7,003.0		— Gallup (final) ————					
7,734.9		Green Horn (final)					
7,756.2							
7,777.6							
7,793.0 7,799.9	_	— Graneros (final) Tubing Sub; 2 3/8 in; 4.70 lb/ft; J-55;					
7,887.1		7,887.63 ftKB; 7,889.63 ftKB					
7,887.5		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 7,889.63					
7,888.1		ftKB; 7,919.85 ftKB					
7,889.8		F- Nipple; 2 3/8 in; 7,919.85 ftKB; 7,920.70 ftKB					
7,919.9		Mule Shoe Guide; 2 3/8 in; 7,920.70 ftKB;			Hudraulia Frantzia 44 202020, 57 1	THE DAKOTA ZONE- / 7 007 0 0250	
7,920.6		7,921.61 ftKB			Hydraulic Fracture; 11/2/2006; FRAC TEST LINES TO 5,300 PSI. SET PO		
7,921.6		PERF - DAKOTA; 7,887.00-8,035.00;			PUMPED 420 GAL OF 15% HCL AC	D @ 5.0 TO 8.0 BM @ 2,661 PSI. B/D @ 2,661 PSI. FRAC @ 31.9 TO 52.4 B/M WITH 20,916 LB. 2040 TLC. RAN LONS. FRICTION REDUCER AT 1.5 GAL/ 1000 GALLONS.	
8,029.9		10/31/2006			RAN 119 BBL FLUID FLUSH.		
8,035.1		Bridge Plug - Permanent; 8,042.00-			AVERAGE RATE: 46.5 B/M, AVERAG BBL. MAX SAND CONC5 PPG	GE PRESSURE 3,239 PSI. PUMPED 2,012 CLEAN FLUID	
8,042.0		8,044.00; SET BOTTOM 2' ABOVE FLOAT			Production Casing Cement (plug); 8, BBLS FRESH WATER, FOLLOWED gal/sx) 50:50 TYPE V / POZ (250SX	044.00-8,070.00; 9/26/2006; PUMP 20 BBLS CHEM WASH, 5 ) BY 480 SX SLURRY, 124 BBLS. (1.45 FT3/sk , 13.1 ppg, 6.55 ;) W/2% BENTONITE, 3.5LB/SX PHENO SEAL FINE, 0.20%	
8,044.0		COLLAR PER WLM			CFR-3 FRICTION REDUCER, 0.1% DISPLACE W/ 125 BBLS FRESH W	HR-5 RETARDER, 0.8 HALAD-9 FLUID LOSS ADDITIVE. ATER CONTAINING 25# OF SUGAR IN FIRST 10 BBLS	
8,066.6	_				2000 PSI. FCP OF 1350 PSI. TOC 6	AT 115 BBLS INTO DISPLACEMENT. BUMPED PLUG WITH 2670' PER CBL 9/28/2006.	
8,067.9 8,069.9		3; Production1; 4 1/2 in; 4.00 in; 13.00 ftKB;					
8,069.9	_	3, Production 1, 4 1/2 in, 4.00 in, 13.00 itkB,		88999 W			
8,070.2							
3,100.1							
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