

Current Schematic

ConocoPhillips

Well Name: SAN JUAN 28-6 UNIT #158N

API / UWI 3003930547	Surface Legal Location 011-027N-006W-D	Field Name MV/DK COM	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,526 00	Original KB Elevation (ft) 6,541 00	KB-Ground Distance (ft) 15.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Well Config: VERTICAL - Original Hole, 5/14/2009 9:10:01 AM

ftKB (MD)	Schematic	Actual	Frm:Final
14	PBTD, 197, DROP PLUG AND DISPLACE WITH 14.5 BBL H2O.		
15	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 7,569 ftKB		
16	Hydraulic Fracture, 5/1/2009, FRAC MENEFFEE/CLIFFHOUSE FORMATION. BROKE DOWN 4100 @ 3 BPM. PUMPED 46,872 GAL 60% SLICKWATER N2 FOAM W/ 108,327# 20/40 ARIZONA SAND & 997,800 SCF N2. MAX PSI 4100, MIN PSI 2507, AVG PSI 2622, MAX RATE 65 BPM, MIN RATE 50 BPM, AVG RATE 65 BPM. ISIP 1707.		
196	Hydraulic Fracture, 5/1/2009, FRAC PT LOOKOUT FORMATION. BROKE DOWN 1934 PSI @ 3 BPM. PUMPED 48,048 GAL 60% SLICKWATER N2 FOAM W/ 103,985# 20/40 ARIZONA SAND & 1,018,600 SCF N2. MAX PSI 2838, MIN PSI 2542, AVG PSI 2672, MAX RATE 65 BPM, MIN RATE 50 BPM, AVG RATE 65 BPM. ISIP 1707.		
197	VACUUM. NOTE: SPOTTED 20 BBLS 15% HCL ACROSS MENEFFEE/CLIFFHOUSE DURING FLUSH.		
226	Marker Pup Joint, 2 3/8in, 4.70lbs/ft, J-55, 7,571 ftKB		
227	Hyd Frac-Slickwater, 11/5/2008, DAKOTA STIMULATION: (7,484'-7,682') 50 TOTAL PERF HOLES START LOAD & BREAKDOWN W/ WATER @ 5.2 BPM BROKE @ 740 PSI/ PUMP 12 BBLS OF 15% HCL ACID @ 10.0 BPM @ 750 PSI. FRAC W/SLICK WATER/ 92,316 GALS. AT 53 BPM @ 2532 PSI WITH 40,020 LBS. OF 20/40 TLC SAND. RAN WNE-342 @ 1.0 GAL/1000 GALS: WFR-55 @ 1.5 GL/1000. PUMPED 115 BBL FLUID FLUSH. MIN. RATE: 5.2 BPM. MAX. RATE: 53 BPM. AVG. RATE: 52 BPM. MIN. PSI: 146 PSI. MAX. PSI: 3085 PSI. AVG. PSI: 2552 PSI. MAX. SAND CONC: 1.5 PSA. ISIP: 1542 PSI. FRAC GRADIENT: .64 PSI/FT. FLUID TO RECOVER (BREAKDOWN, AND FRAC: 2197 CLEAN BBLS). PUMPED 2261 SLURRY BBLS.		
1,015	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 7,602 ftKB		
3,467	1.78 'F' Profile Nipple, 2 3/8in, 4.70lbs/ft, J-55, 7,603 ftKB		
3,468	Mule Shoe/Expendable check, 2 3/8in, 4.70lbs/ft, J-55, 7,604 ftKB		
3,510	TD, 7,741		
3,510			
3,530			
3,743			
3,743			
3,753			
4,822			
4,900			
4,901			
5,168			
5,247			
5,400			
5,401			
5,840			
7,299			
7,308			
7,484			
7,569			
7,571			
7,602			
7,603			
7,604			
7,607			
7,682			
7,734			
7,735			
7,736			
7,741			

Mandrel, 4 1/2in, 11 60lbs/ft, L-80, 16 ftKB
Casing Hanger, 9 5/8in, 18 ftKB
Pup Joint, 4 1/2in, 11 60lbs/ft, L-80, 40 ftKB
Insert Float, 9 5/8in, 196 ftKB
Casing Joints, 9 5/8in, 32 30lbs/ft, H-40, 196 ftKB
Casing Joints, 9 5/8in, 32 30lbs/ft, H-40, 226 ftKB
Surface Casing Cement, 15-227, 10/7/2008, PUMP 10 BBL H2O, DUMP 76 SXS, (21 6 BBL SLURRY) TYPE I-II CEMENT WITH 20% FLYASH @ 14.5 PPG INTO CASING DROP PLUG AND DISPLACE WITH 14.5 BBL H2O CIRCULATED 4 BBL CEMENT TO SURFACE
SAW TOOTH COLLAR, 9 5/8in, 227 ftKB
Casing Joints, 4 1/2in, 11 60lbs/ft, J-55, 1,015 ftKB
Casing Joints, 7in, 20.00lbs/ft, J-55, 3,467 ftKB
Float Collar, 7in, 20 00lbs/ft, J-55, 3,467 ftKB
Casing Joints, 7in, 20 00lbs/ft, J-55, 3,510 ftKB
Intermediate Casing Cement, 1,200-3,511, 10/17/2008, TEST LINES TO 3500 PSI, PUMP 10 BBL F.W. 10 BBL MUD CLEAN, 10 BBL F.W. 20 SX (10 BBL) SCAVENGER @ 11 PPG, 410 SX (155 82 BBL) PREM LITE LEAD @ 12.1 PPG, 90 SX (22 13 BBL) TYPE 3 TAIL @ 14 6 PPG, DROP PLUG AND DISPLACE WITH 140 BBL F.W. , BUMP PLUG TO 1370 PSI, CHECK FLOATS O K , LOST RETURNS DURING DISPLACEMENT 32 BBLS GONE, SLIGHT RETURNS @ 97 BBLS GONE
Float Shoe, 7in, 3,511 ftKB

Casing Joints, 4 1/2in, 10 50lbs/ft, J-55, 3,743 ftKB
Marker Joint, 4 1/2in, 10 50lbs/ft, J-55, 3,753 ftKB
Perforated/Squeezed, 4,900-4,901, 4/27/2009
Cement Squeeze, 3,960-4,930, 4/28/2009, MIX & PUMP 100 SX TYPE III NEAT (23 7 BBL) THROUGH CMT RETAINER & OUT 2 SQZ PERFS @ 4900 PUMPED 20 BBL KCL WATER - BLOWING BUT NO NO RETURNS PUMPED CMT JOB - NO RETURNS, FINISHED WITH 610 PSI ON DISPLACEMENT. STING OUT/REVERSE OUT, SHUT IN FOR THE NIGHT W O C
Perforated, 4,822-5,168, 5/1/2009

Perforated/Squeezed, 5,400-5,401, 4/24/2009
Perforated, 5,247-5,840, 5/1/2009
SQZ JOB, 4,930-5,750, 4/24/2009, MIX & PUMP 300 SX TYPE III NEAT (71 BBL) THROUGH CMT RETAINER & OUT 2 SQZ PERFS @ 5400 PUMPED 180 BBL WATER - NO RETURNS. PUMPED CMT JOB - NO RETURNS, ONLY 50 PSI ON DISPLACEMENT. STING OUT/REVERSE OUT, SHUT IN FOR THE WEEKEND RAN CBL MONDAY, 4/27/09 - SHOWED GOOD CMT TOP @ 4930

Casing Joints, 4 1/2in, 10 50lbs/ft, J-55, 7,299 ftKB
Marker Joint, 4 1/2in, 10 50lbs/ft, J-55, 7,309 ftKB

PERFORATED, 7,484-7,682, 11/5/2008

Casing Joints, 4 1/2in, 10 50lbs/ft, J-55, 7,607 ftKB
Casing Joints, 4 1/2in, 11 60lbs/ft, J-55, 7,734 ftKB
Float Collar, 4 1/2in, 7,735 ftKB
Production Casing Cement, 5,565-7,736, 10/21/2008, TEST LINS TO 3500 PSI, PUMP 10 BBL GEL WATER 2 BBL F.W. , 10 SX (5 52 BBL) SCAVENGER @ 11 PPG, 155 SX (48 BBL) PREMLITE TAIL @ 12.5 PPG, PUMP TRUCKS BROKE DOWN HALFWAY THROUGH TAIL CMT, DROP OMEGA PLUG, DISPLACE 123 BBL F.W. , WITH RIG PUMP, BUMP PLUG TO 1300 PSI, CHECK FLOATS F/ 10 MIN HOLD
Cement Plug, 7,732-7,736, 10/21/2008, RIG 30 TAG 7728' W/ 4 JOINTS - STILL SHORT. 4/22/09 WILL TALLY OUT TO CHECK
Float Shoe, 4 1/2in, 7,736 ftKB

Cement plug, 7,736-7,741, 10/21/2008

RCVD MAY 29 '09
OIL CONS. DIV.
DIST. 3