

ConocoPhillips

END OF WELL SCHEMATIC

Well Name: SAN JUAN 29-6 # 102M

API #: 30-039-27517

Spud: 11-Dec-2003

Release: 23-Dec-2003

RKB TO GROUND LEVEL: 13 FT

ALL DEPTHS ARE FROM RKB

Trash Cap

11" 3M x 11" 3M Casing Spool

9-5/8" 8 RD x 11" 3M Casing Head

Surface Casing Date set: 12-Dec-03

Size 9 5/8 in
Set at 233 ft # Jnts: 5
Wt. 32.3 ppf Grade H-40
Hole Size 12 1/4 in Conn STC
Wash Out 150 % Csg Shoe 232 ft
Est. T.O.C. 0 ft TD of surface 233 ft

☒ New
☐ Used

Notified BLM @ _____ hrs on _____
Notified NMOCD @ _____ hrs on _____

Intermediate Casing Date set: 17-Dec-03

Size 7 in
Set at 3712 ft # Jnts: 90
Wt. 20 ppf Grade J-55
Hole Size 8 3/4 in Conn STC
Wash Out 150 % Csg Shoe 3711 ft
Est. T.O.C. SURFACE TD of intermediate 3712 ft

☒ New
☐ Used

Notified BLM @ _____ hrs on _____
Notified NMOCD @ _____ hrs on _____

Production Casing Date set: 22-Dec-03

Size 4 1/2 in
Wt. 11.6 ppf Grade: I-80 from 13 to 7959 ft
Hole Size 6 1/4 in Conn LTC
Wash Out: 50 % # Jnts: 189
Est. T.O.C. _____
Marker Jt: 4997' - 5007'
Marker Jt: 7599' - 7619'
Marker Jt: _____

☒ New
☐ Used

Top of Float Collar 7956 ft
Csg Shoe 7957 ft

TD 7,959 ft

Surface Cmt Date cmt'd: 12-Dec-03

Lead : 150 sx 50/50 POZ:Standard
+ 2% Bentonite + 3% CaCl2
+ 5 lb/sx Gilsomite + 0.25 lb/sx Cello-Flake
+ 0.2 CFR-3, Yield = 1.34 cuft/sx
201 cuft slurry mixed at 13.5 ppg
Displacement: 15.0 bbls Fresh Wtr
Bump Plug at: 20:34 hrs w/ 188 psi
Final Circ Pressure : 77 psi @ 2 bpm
Returns during job: Yes
CMT Returns to surface: 15 bbls
Floats Held: No floats run
W.O.C. for 13.25 hrs (plug bump to test casing)

Int. Cement Date cmt'd: 17-Dec-03

Lead : 380 sx Standard Cement
+ 3% Econolite + 10 lb/sx PhenoSeal
2.88 cuft/sx, 1094.0 cuft slurry at 11.5 ppg
Tail: 220 sx 50/50 POZ:Standard Cement
+ 2% Bentonite
+ 6 lb/sx PhenoSeal
1.33 cuft/sx, 293.0 cuft slurry at 13.5 ppg
Displacement: 148 bbls Fresh Wtr
Bumped Plug at: 01:05 hrs w/ 1500 psi
Final Circ Pressure: 900 psi @ 2 bpm
Returns during job: Yes
CMT Returns to surface: 100 bbls
Floats Held: X Yes No
W.O.C. for 12.75 hrs (plug bump to test casing)

Prod. Cmt Date cmt'd: 22-Dec-03

470 sx 50/50 POZ:Standard Cement
+ 3% Bentonite + 0.2 % CFR-3
+ 0.1% HR-5 + 0.8% Halad-9
+ 5 lb/sx PhenoSeal
1.45 cuft/ sx, 681 cuft slurry at 13.1 ppg
Displacement: 123 bbls 2% KCL water
Bumped Plug at: 02:00 hrs w/ 1500 psi
Final Circ Pressure: 800 psi @ 2 bpm
Returns during job: No (None Planned)
CMT Returns to surface: _____
Floats Held: Yes
Mud Wt. @ TD AIR ppg

COMMENTS:

Surface: No float equipment run. Ran guide shoe and aluminum baffle plate 1 jt above guide shoe.

Intermediate:

Production: The 6-1/4" hole was air drilled and was filled with air when the prod csg was cmt'd. Therefore there were no returns during cmtng.

CENTRALIZERS:

Surface: Centralizers @ 203', 188', 149', & 100' Total: 4

Intermediate: Centralizers @ 3701', 3668', 3585', 3503', 3420', 3337', and 202' Total: 7
Turbolizers @ 2717', 2676', 2635', 2593' & 2552' Total: 5

Production: No centralizers run on production casing Total: none