

ConocoPhillips

END OF WELL SCHEMATIC



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Well Name: SAN JUAN 32-7 # 224AAPI #: 30-045-31201Spud: 7-May-038-3/4" Hole: 9-May-03Release Dril Rig: 10-May-03Move in Cav. Rig: 30-May-03TD 6-1/4" Hole: 4-Jun-03Release Cav. Rig: 22-Jun-03

7 1/16" 3M x 2 9/16" 5M Tree Adapter

11" 3M x 7 1/16" 3M Tubing Head

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

Surface CasingDate set: 8-May-03
☒ New
☐ Used
Size 9 5/8 inSet at 232 ft # Jnts: 5Wt. 32.3 ppf Grade H-40Hole Size 12 1/4 inWash Out 150 %Est. T.O.C. SURFACECsg Shoe 232 ftTD of 12-1/4" hole 242 ft

Notified BLM @ _____ hrs

on _____

Notified NMOCD @ 01:00 hrson 07-May-03**Intermediate Casing**Date set: 10-May-03
☒ New
☐ Used
Size 7 in 70 jtsSet at 2894 ft pupsWt. 20 ppf Grade J-55Hole Size 8 3/4 inWash Out 150 %Est. T.O.C. SURFACECsg Shoe 2894 ftTD of 8-3/4" Hole 2900 ft

Notified BLM @ _____ hrs on _____

Notified NMOCD @ 15:10 hrs on 9-May-03**Production Liner**Date set: 19-Jun-03
☒ New
☐ Used
Size 5 1/2 in Connections: LTCBlank Wt. 15.5 ppfGrade J-55# Jnts: 10Hole Size 6 1/4 inBtm of Liner 3277 ftTop of Liner 2830 ftPBTD / Top of Bit Sub 3275Bottom of Liner / Bottom of 6-1/4" Bit: 3277**Surface Cement**Date cmt'd: 8-May-03Lead : 160 sx Class G Cement

+ 2% S001 Calcium Chloride

+ 0.25 lb/sx D029 Cellophane Flakes

1.16 cuft/sx, 185.6 cuft slurry at 15.8 ppg

Displacement: 15.5 bbls fresh wtrBumped Plug at: 06:00 hrs w/ 323psiFinal Pump Press: 40 PSI @ 0.5 bpmReturns during job: YESCMT Returns to surface: 15 bblsFloats Held: No floats usedW.O.C. for 6.75 hrs (plug bump to drlg out of shoe)**Intermediate Cement**Date cmt'd: 10-May-03Lead : 360 sx Class G Cement

+ 3% D079 Extender

+ 0.25 lb/sx D029 Cellophane Flakes

+ 0.2% D046 Antifoam

2.61 cuft/sx, 939.6 cuft slurry at 11.7 ppg

Tail : 100 sx 50/50 POZ : Class G cement

+ 2% D020 Bentonite

+ 2% S001 Calcium Chloride

+ 5 lb/sx Gilsonite

+ 0.25 lb/sx Cellophane Flakes

+ 0.2% D06 Antifoam

1.27 cuft/sx, 127 cuft slurry at 13.5 ppg

Displacement: 115.5 bbls Fresh WtrBumped Plug at: 13:00 hrs w/ 1075 psiFinal Circ Press: 550 psi @ 2 bpmReturns during job: YESCMT Returns to surface: 20 bblsFloats Held: ☒ Yes ☐ No**Liner Cement****UNCEMENTED LINER**TD 3,277 ft**COMMENTS:**

Surface: NO FLOAT EQUIPMENT RAN. GUIDE SHOE AT 232', ALUMINUM BAFFLE PLATE @ 188'.
Displaced top wiper plug with water. Shut in casing head with 150 psi and WOC 2.5 hrs before backing out landing jt.

Intermediate:

Production: 6 1/4" BIT, BIT SUB & FLOAT RUN ON BOTTOM JOINT OF LINER**CENTRALIZERS:**Surface: CENTRALIZERS @ 222', 144', 101' & 58'.Total: 4

Intermediate: CENTRALIZERS @ 2884', 2809', 2726', 2644', 2561', 2478', & 202'.
TURBOLIZERS @ 2097', 2056', 2015'

Total: 7Total: 3