

Well Name: San Juan 32-7 #250  
 API #: 30-045-32721  
 Location: 1020' FSL & 1633' FWL  
Sec. 16 - T32N - R7W  
San Juan County, NM  
 Elevation: 6357' GL (above MSL)  
 Drl Rig RKB: 13' above Ground Level  
 Datum: Drl Rig RKB = 13' above GL

Note - this well is equipped with rods & pump  
 7-<sup>1</sup>/<sub>16</sub>" 3M x 2-<sup>3</sup>/<sub>8</sub>" EUE 8rd Bonnet  
 11" 3M x 7-1/16" 3M Tubing Head  
 9-5/8" 8 RD x 11" 3M Casing Head

Patterson Rig: #747  
 Spud: 29-Apr-05  
 Spud Time: 3:00  
 Release Drl Rig: 2-May-05  
 Time Release Rig: 16:00  
 Move In Cav Rig: 14-May-05  
 Release Cav Rig: 12-Jun-05

**Surface Casing** Date set: 29-Apr-05  
 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  
 Excess Cmt 125 %  
 T.O.C. SURFACE  
 Csg Shoe 233 ft  
 TD of 12-1/4" hole 240 ft

Notified BLM @ NA hrs on NA  
 Notified NMOCD @ NA hrs on NA

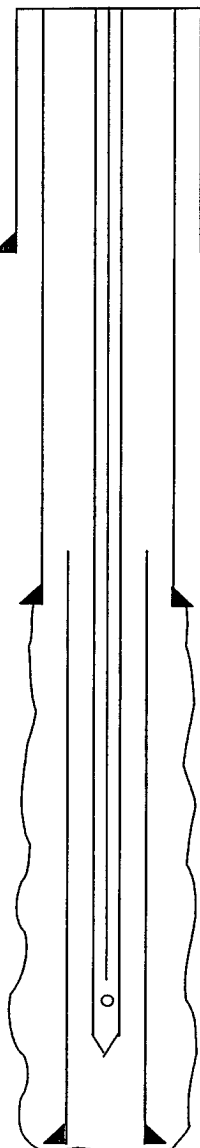
**Intermediate Casing** Date set: 2-May-05  
 Size 7 in 67 jts  
 Set at 2894 ft 0 pups  
 Wt. 20 ppf Grade J-55  
 Hole Size 8 3/4 in Conn STC  
 Excess Cmt 160 % Top of Float Collar 2848 ft  
 T.O.C. SURFACE Bottom of Casing Shoe 2894 ft  
 Pup @ 0 ft TD of 8-3/4" Hole 2900 ft  
 Pup @ 0 ft  
 Notified BLM @ NA hrs on NA  
 Notified NMOCD @ 07:00 hrs on 01-May-05

**Production Liner** Date set: 10-Jun-05  
 Size 5 1/2 in  
 Nominal Wt. 15.5 ppf  
 Grade J-55 Connections: \_\_\_\_\_  
 # Jnts: 11  
 Hole Size 6.25 / 9.5 inches  
 Underreamed 6-1/4" hole to 9.5" from 2894' to 3340'  
 Top of Liner 2868 ft  
 PBDT 3339 ft  
 Bottom of Liner 3340 ft set in 4 ft of fill on bottom

☒ New  
☐ Used

☒ New  
☐ Used

☒ New  
☐ Used



TD 3,340 ft

**Surface Cement**

Date cmt'd: 29-Apr-05  
 Lead : 150 sx Class G Cement  
 + 3% BWOC S001 Calcium Chloride  
 + 0.25 lb/sx D029 Cellophane Flakes  
 1.16 cuft/sx, 174.0 cuft slurry at 15.8 ppg  
 Displacement: 15.0 bbls fresh wtr  
 Bumped Plug at: 08:20 hrs w/ 300 psi  
 Final Circ Press: 110 psi @ 2 bpm  
 Returns during job: YES  
 CMT Returns to surface: 13  
 Floats Held: No floats used  
 W.O.C. for 6.00 hrs (plug bump to start NU BOP)  
 W.O.C. for 8.00 hrs (plug bump to test csg)

**Intermediate Cement**

Date cmt'd: 2-May-05  
 Lead : 370 sx Class G Cement  
 + 3% D079 Extender  
 + 0.25 lb/sx D029 Cellophane Flakes  
 + 0.2% D046 Antifoam  
 + 0.05 gal/sx D047 Antifoam  
 2.61cuft/sx, 965.7 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 D024 Gilsonite  
 + 0.25 lb/sx D029 Cellophane Flakes  
 + 0.1% D046 Antifoam  
 1.27 cuft/sx, 127 cuft slurry at 13.5 ppg  
 Displacement: 115.4  
 Bumped Plug at: 08:06 hrs w/ 1270 psi  
 Final Circ Press: 940 psi at 0.7 bpm  
 Returns during job: YES  
 CMT Returns to surface: Yes  
 Floats Held: X Yes \_\_\_ No

**UNCEMENTED LINER**

Schematic prepared by:  
 Michael P. Neuschafer, Drilling Engineer  
 29-June-2005

**COMMENTS:**

|                 |                                                                                                                                                                                                                                                                                               |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9-5/8" Surf:    | No float equipment was run. Ran a guide shoe and an aluminum baffle plate 1 jt above the guide shoe @ 188'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 223', 144', 101' & 57'.<br>Total: 4                                |
| 7" Intermediate | DISPLACED W/115.4 BBLs. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER<br>CENTRALIZERS @ 2884', 2803', 2717', 2631', 2544', 2458', 216', 86' & 43'.<br>TURBOLIZERS @ 2029', 1988' & 1942'<br>Total: 9<br>Total: 3                                                                                   |
| 5.5" Liner      | Ran bladed shoe with float valve on bottom of liner. Ran and set the liner w/ TIW H-Latch Drop Off Tool (no liner hanger).                                                                                                                                                                    |
| Perforations    | Perforated 5-1/2" liner with guns on E-line at 4 spf, 0.75" diameter, 120 degree phased holes<br>Perf. Intervals: 2902'-2904', 2910'-2911', 2936'-2940', 2944'-2951', 2953'-2955', 2957'-2963', 2965'-2967', 3027'-3029', 3086'-3090', 3116'-3119', 3223'-3225', 3249'-3254'. Total 160 holes |
| Tubing          | 2-3/8" Mud Anchor 32.9' long with eight each 0.25" x 8" slots just below the upset, 2-1/16" x 2-3/8" EUE 8rd XO collar, 2-3/8" OD (1.78" ID) F-Nipple, 1 ea 4' & 10' pup jt, and 102 jts 2-3/8" 4.7# J-55 EUE 8rd tubing. Bottom of Mud Anchor at 3293'. Top of F-Nipple at 3260' MD RKB.     |
| Pump & Rods     | 12" long strainer attached below 2" x 1-1/4" x 12' RWAC-Z insert pump<br>126 each 3/4" rods, spaced out with 1 ea 8', 4', & 2' x 3/4" OD pony rods & 1 ea 1-1/4" OD x 22' polished rod<br>Set pump in F-Nipple at 3260' MD RKB                                                                |