

Well Name: San Juan 28-7 #136F
 API #: 30-039-27045
 Location: 2230' FSL & 110' FWL
Sec. 14 - T28N - R7W
Rio Arriba County, NM
 Elevation: 6612' GL (above MSL)
 Dri Rig RKB: 13' above Ground Level
 Datum: Dri Rig RKB = 13' above GL

Patterson Rig: #749
 Spud: 30-Jan-06
 Spud Time: 2:00
 Date TD Reached: 3-Feb-06
 Release Dri Rig: 4-Feb-06
 Release Time: 20:00

11" 3M x 7 1/16" 5M Tubing Head
 11" 3M x 11" 3M Casing Spool
 9-5/8" 8 RD x 11" 3M Casing Head

Surface Casing Date set: 30-Jan-06
 Size 9 5/8 in
 Set at 235 ft # Jnts: 5
 Wt. 32.3 ppf Grade H-40
 Hole Size 13 1/2 in Conn STC
 Excess Cmt 125 %
 T.O.C. SURFACE Csg Shoe 235 ft
 TD of 12-1/4" hole 240 ft

Notified BLM @ 10:00 hrs on 28-Jan-06
 Notified NMOCD @ 10:00 hrs on 28-Jan-06

Intermediate Casing Date set: 1-Feb-06
 Size 7 in 88 jts
 Set at 3650 ft 0 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 150 % Top of Float Collar 3604 ft
 T.O.C. SURFACE Bottom of Casing Shoe 3650 ft
 Pup @ ft TD of 8-3/4" Hole 3660 ft
 Pup @ ft

Notified BLM @ 7:00 hrs on 31-Jan-06
 Notified NMOCD @ 7:00 hrs on 31-Jan-06

Production Casing: Date set: 4-Feb-06
 Size 4 1/2 in 144 jts
 Set at 7834 ft 1 pups
 Wt. 11.6 ppf Grade N-80
 Hole Size 6 1/4 in Conn LTC
 Excess Cmt 50 % Top of Float Collar 7831 ft
 T.O.C. (est) 3450 Bottom of Casing Shoe 7834 ft
 Marker Jt @ ft TD of 8-3/4" Hole 7835 ft
 Marker Jt @ 7505 ft
 Marker Jt @ 4909 ft
 Marker Jt @ ft

Notified BLM @ 06:00 hrs on 03-Feb-06
 Notified NMOCD @ 06:00 hrs on 03-Feb-06

Top of Float Collar 7831 ft
 Bottom of Casing Shoe 7834 ft

TD of 8-3/4" Hole: 7835 ft

Surface Cement
 Date cmt'd: 30-Jan-06
 Lead : 150 sx Class B Cement
 + 2% Calcium Chloride
 + 0.25 lb/sx D029 Flocele
1.21 cuft/sx, 181.50 cuft slurry at 15.6 ppg
 Displacement: 15.0 bbls fresh wtr
 Bumped Plug at: 11:00 hrs
 Final Circ Press:
 Returns during job: YES
 CMT Returns to surface: 5 bbls
 Floats Held: No floats used
 W.O.C. for 6.00 hrs (plug bump to start NU BOP)
 W.O.C. for 10.50 hrs (plug bump to test csg)

Intermediate Cement
 Date cmt'd: 1-Feb-06
 Lead : 360 sx Class G Cement
 + 3% Econolite
 + 10.00 lb/sx Gilsonite
 + 0.25 lb/sx D029 Flocele
2.91 cuft/sx, 1047.6 cuft slurry at 11.4 ppg
 Tail : 220 sx 50/50 POZ : Class G Cement
 + 2% Bentonite
 + 4 lb/sx Phenoseal
1.32 cuft/sx, 290.4 cuft slurry at 13.5 ppg
 Displacement: 145 bbls
 Bumped Plug at: 11:00 hrs w/ 1500 psi
 Final Circ Press: 820 psi @ 2.0 bpm
 Returns during job: No
 CMT Returns to surface: 0 bbls
 Floats Held: X Yes No
 W.O.C. for NA hrs (plug bump to start NU BOP)
 W.O.C. for 11.00 hrs (plug bump to test csg)

Production Cement
 Date cmt'd: 4-Feb-06
 Cement : 465 sx 50/50 POZ : Class G Cement
 + 3% Bentonite
 + 0.2% CFR-3
 + 0.8% Halad@-9
 + 0.1% HR-5
 + 3.5 lb/sx Phenoseal
1.45 cuft/sx, 674.25 cuft slurry at 13.0 ppg
 Displacement: 119 bbls
 Bumped Plug: 07:00 hrs w/ 1700 psi
 Final Circ Press:
 Returns during job: None Planned
 CMT Returns to surface: None Planned
 Floats Held: X Yes No

Schematic prepared by:
 Michael P. Neuschafer, Drilling Engineer
 6-February-2005

COMMENTS:

9-5/8" Surf:	No float equipment was run. Ran a guide shoe. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 225', 191', 105', 61'. Total: 4
7" Intermediate	DISPLACED W/ 139 BBLs. FRESH WATER. CENTRALIZERS @ 3640', 3563', 3480', 3394', 3312', 3229', 219', 95', 54'. TURBOLIZERS @ 2612', 2571', 2530', 2488', 2448'. Total: 9 Total: 5
7" Notes:	Did not circulate cement to surface. TOC at ~300-400' per temperature survey. Were allowed to procede to without remedial cementing per agencies.