

Creek "AL" Federal #15  
Section 24-18S-30E  
Eddy Co., NM

12/22/01-Drilled 5609' lime, sand and dolomite. Made 534' in 21-1/4 hours, 25.13'/hr. 12/23/01 TD 5780' sand and shale. Tested BOP. Maded 171' in 18 hours, 9.50'/hr. 12/24/01-drilled 5945' lime and shale. Maded 165' in 17 hours, 9.71'/hr. Tested BOP to 3000#. Witnessed by Gene Hunt with Carlsbad BLM. 12/25/01-TD 6000' lime and shale. Maded 55' in 3 1/4 hours, 16.92'/hr. Drilled 6388' on 12-27-01 limestone. Maded 388' in 20-3/4 hours, 18.70'/hr. Filled up hole and TIH. 12/28/01-drilled 7010' lime, shale and chert. Maded 622' in 22-1/4 hours, 27.96'/hr. 12/29/01-drilled 7370' lime, shale and chert. Maded 360' in 14 hours, 25.71'/hr. Dropped totco and TOH. 12/30/01 drilled 7870' lime, sand and shale. Maded 500' in 22-1/2 hours, 22.22'/hr. 12-31-01 drilled 8095' lime, shale and chert. Maded 225' in 23-3/4 hours, 9.47'/hr. 1/1-01 drilled 8252' lime, shale and dolomite. Maded 157' in 17-1/2 hours, 8.97'/hr. Drilled to 8205'. Lost rull returns at 8205'. Pumped LCM sweeps. Pumped 2 LCM sweeps and got returns back. 1/2/02-TD 8400' lime, shale and dolomite. Circulated for logs. Maded 148' in 19-1/4 hours, 7.69'/hr. Reached TD at 1:30 AM 1-02-02. 1/3/02 TD 8405' lime, shale and dolomite. Made 0. TOH for logs. Logger's TD 8411' at 11:00 am 1-02-02. 1-4-02 TD 8405' lime, shale and dolomite. Cementing 1st. Stage. Made 0'. TIH with bit #8. Circulate. Rigged up and ran 200 joints 5 1/2" 15.5# and 17# J-55 casing. Rigged up and circulate. Cemented 1st stage with 200 sacks Super C Modified with .5% FL-25 + .5% FL-52 + 8#/sx Gilsonite + 3% KCL + .2% SMS. PD at 5:45 am 1-4-02. Notified Kathy Queen with BLM in Carlsbad of casing and cement job. 1/5/02-TD 8405'. Rigging down rotary tools. Circulate and cement 2nd stage cement. PD. Brought cement top to approx 2300'. Set slips and cut off casing.

#### DETAILED CASING REPORT:

Ran 200 joints casing, set at 8405' as follows:

25 joints 5-1/2" 17# J-55 SB (1045.53')

15 joints 5-1/2" 17# J-55 Varn (629.04')

157 joints 5-1/2" 15.5# J-55 varn (6616.32')

3 joints 5-1/2" 17# J-55 varn (124.65')

Cemented with 200 sacks Super "C" Modified with .5% FL-52 + .5% FL-25 + 8#/sx Gilsonite + 3% KCL. PD at 5.45 am 1-4-02. Stage 2: Pumped 600 sacks of BJ Lite C with .5% FL-52 + 5#/sx Gilsonite + 1/4#/sx celloflake. (Tailed in with 100 sacks Class "C" Neat (yld. 1.3, wt 14.8. PD at 11:00 am 1-4-02. Did not circulate cement on either stage. Brought cement top to approx 2300'. Rig released at 3:00 pm 1-4-02.

1-8-02 Waiting on completion unit.