

## Completion Report Supplement

N.M. "A" Com # 1-E

### Item # 28 - Cementing Record

1. Cemented 12-1/4 with 300 sks (354 cuft) Class B, 2% CaCl<sub>2</sub>, 1/4# flocele/sk; circulated 10 BBLS of cement to surface. W.O.C. Pressure test casing to 1000 psi. Held 30 min., okay.
2. Cemented 4-1/2" first stage with 1050 sks (1323 cuft) 50/50 poz, 2% Gel, 10# salt/sk, 0.6% FLA., 1/4# flocele/sk; circulated 10 BBL cement to surface.  
  
Cemented 4-1/2" second stage with 420 sks (1205 cuft) 65/35 poz, 12% Gel, 12-1/4# Gilsonite/sk, 1/4# flocele/s; followed by 100 sks (118 cuft) Class B, 2% CaCl<sub>2</sub>, 1/4# flocele/sk; circulated 5 BBLS cement to surface.

### Item 31 - Perforations

Perforate Dakota formation at 6266', 68', 70', 6322', 42', 44', 46', 48', 50', 52', 54', 56', 58', 60', 62', and 6364', total 16 shots.

### Item 32 - Treatment

Circulate hole with 2% Gel water and spot 200 gal. 15% HCL to break down perfs via tubing, than breakdown perfs via annules with 800 gal. 15% HCL. Stimulate Dakota Formation with 80,000# 20/40 mesh sand and 75,000 gal 70% quality foam.