

OPERATED

WORK 8

DIAMOND MOUND FIELD  
DERRICK FEDERAL #1  
SE/4 NW/4 SEC 5-T16S-428E  
EDDY COUNTY, NEW MEXICO  
FUND PLAN YEAR: 1987  
OPERATOR: GARI  
GARI ET AL: 91.51%  
GARI ONLY: 27.52%

PBTD: 9242'  
FM: MORROW

7/26/91

Rigged up Pedco Swabbing unit. 24 hr. shut in tbg pressure was 3903. Open up and blow dwn to 20# in 45 min. go in hole with swab. Tag fluid level scattered from 1200' from surface with solid fluid from 7000'. Swab back total of 2 bbls wtr. Catch sample of wtr. Gas would increase after swab runs. Swab from seating nipple on swab runs. Rig up dowell-Schlumberger and treat perms with 48 bbls 50-50 methanol & CO2 at 2 bbl/min. flush with 10 tons CO2 neat. Rig dwn Dowell and start flowing back well. Maximum pressure-660# at beginning of treatment. Average injection rate 2 BPM with treating pressure decreasing dwn to 200#. ISIP-150#. Pressure started climbing and at 15 min when opened ot pit was at 340#. Monitored casing with 500#. Started flowing back well to pit on 3/4 choke with 340# and increased to 425#. Pressure declined dwn to 80# in 2 hrs. Declined dwn to 70# and was holding steady at 70# FTP on 3/4 choke. Bringing back heavy mist and continuous steam water. Leave flowing overnight. Catch sample of lfuid at 5:30 pm and was 25% condensate. Sample caught prior to treatment was 100% wtr. Left flowing to pit.

7/27/91

tbg press 60# flowing through 3/4 choke. Making very light mist of fluid. Unable to get in hole with swab. Turn into pipeline at 2:00 PM. Rig dwn swab unit.