

# DAILY DRILLING REPORT

E. O. CARSON #4

E. O. CARSON #4, Eumont-Yates-7 Rivers (Queen) Field, Lea County, New Mexico. OBJECTIVE: Abandon the Penrose-Skelly (Grayburg) and recomplate as a gas well. AFE #2072 - MOBIL INT. 100% - EST. COST \$6,000.

- 11/8/72 3773 TD  
MIRU Eunice Well Ser Unit, POH w/ rods & pump, instl BOP, POH w/ 2-3/8 tbg, Dresser-Atlas ran GR-N-Collar log from 2100-3600, then set Guib 7" CIBP @ 3625, capped w/ 20' of cmt 3605 PBTB, ran 2-3/8" tbg OE to 3500, SD for nite.
- 11/9 E. O. CARSON #4, 3773 TD.  
Ran end of tbg to 3600, Cardinal Chem Co spotted 500 gals 15% NE acid, POH, Dresser-Atlas perf 7" csg in the Queen @ 3352-82; 3518-42; & 3578-3589 w/ 1 JSPPF, total of 67 holes, ran Baker Model R pkr on 2-3/8 tbg to 2300, displ acid into perfs, TTP 1000, AIR 2.0 BPM, ran pkr to 3308, dropped SV, test tbg to 3000#/ok, ret valve, then Cardinal acidized w/ 5000 gals 15% NE acid, used 100 RCNBS, TTP 2500, AIR 5.5 BPM, ISIP 1750, 10 min 1750, F 36 BLW/1 hr on 20/64 ck, TP 125, SD for nite.  
- 140 BLW.
- 11/10 E. O. CARSON #4, 3773 TD.  
SI 13 hrs, TP 1600, F 4 BLW/30 min & died, attempted to run sw, had paraffin in tbg, pumped 15 bbls hot oil down tbg, TP 2000, F 15 BLO + 4 BNO/2 hrs, died, then S 23 BLW/3 hrs, sw dry, SD for nite.  
- 113 BLW.
- 11/11 E. O. CARSON #4, 3773 TD.  
SI 13 hrs, TP 80, 600' FIH, S 2 BLW/2 hrs, sw dry, POH w/ tbg & pkr, ran 2-3/8 tbg, OP to 3599, T. Perfs 3565-69, SN @ 3564, ran 2" x 1-1/16" x 12' pump on 141 - 5/8 rods, RD Rel unit and Rel well to Prod @ 2:30 p.m. 11/10/72. - 182 BLW.
- 11/14 E. O. CARSON #4, 3773 TD.  
Prep to MI unit.
- 11/15 E. O. CARSON #4, 3773 TD.  
MIRU DA&S Well Serv unit, POH w/ rods & pump, inst'l BOP, POH w/ 2-3/8 tbg, change rams in BOP, ran 7" Guib pkr & holddown on 71 jts 4 1/2 tbg, SD for nite.
- 11/16 E. O. CARSON #4, 3773 TD.  
FIH w/ tbg & pkr, set pkr @ 3298, BJ frac Queen perfs 3352-3589 (OA) w/ 25,000 gals 9.0#/gal gelled br containing 20# guar gum, 25# Adomite Aqua & 2 gals Surftron 61/1000 gals and 62,500# 20/40 sd, 50 RCNB, avg TTP 2400, Max 5000, AIR 50 BPM, on last 10% of frac reduced rate to 3 1/2 BPM & increased sd from 2 1/2 to 8#/gal, press increased from 0 to 5000#, ISIP 4500, 10 min 1500, job compl @ 12:00 noon 11/15/72, SD for nite.
- 11/17 E. O. CARSON #4, 3773 TD  
SI 18 hrs, TP 0, P & LD 4 1/2" tbg & pkr, ran 4 1/2" SP, tag fill up @ 3397, CO frac sd to 3411 3 1/2 hrs, SD for nite.