

E. K. QUEEN UNIT E. K. Yates Seven Rivers Qu 1, Lea Co, N.M. OBJECTICE:
Perforate add'l pay & stimulate. AFE 6314 - Mobil Intr Gross 0.7712570% -
Est Cost \$4500.

11/4/68 4356 TD, 4324 PBTB, Queen (4300-4309).

MIRU X-Pert Well Serv SD unit, bled off press, POH w/ CL tbg & Guib pkr & fiber glass tail pipe, ran 4½ csg scraper on 2-3/8 tbg, work string tbg to 2500, SD for nite, then finish running scraper to 4294, POH, ran 2-7/8 SP, CO sd 4294-4308 in 5 hrs. SD for nite.

11/5 E. K. QUEEN UNIT #5-2, 4356 TD, 4324 PBTB.

Ran 2-7/8 SP, CO sd 4308-4318/ 1½ hrs, ran 4½ Guib pkr on 2-3/8 tbg to 4240, Western Co treated Queen perfs 4300-09 w/ 1600 gals Xylene + 400 gals 15% iron stabilized acid containing 6 gals parosol D + 2 gals foamex per 1000 gals displ 1900 gals into formation, left 100 gals in bore hole, TTP 2000 to 3050, rate 2.8 BPM, ISIP 2600, 5 min SIP 2500, job compl 1:45 p.m. 11/4/68. SI & SD for nite & today.

11/6 E. K. QUEEN UNIT #5-2, 4356 TD, 4324 PBTB, Queen (4300-09).
SI past 24 hrs.

11/7 E. K. QUEEN UNIT #5-2, 4356 TD, 4324 PBTB, Queen (4300-09).

SI total 41 hrs, TP 700, bled off pressure, S 62 BLW/10 hrs, L hr sw 4 bbls fluid, S/O 100%wtr, 300' FIH, prep to do additional perforating.

11/8 E. K. QUEEN UNIT #5-2, 4356 TD, 4224 PBTB.

Pull tbg & pkr, Dresser-Atlas Co perf 4½ csg in the Queen sd @ 4264-67; 4277-80; 4288-90; & 4293-98, 13' w/ 2 JSPF, total 26 holes, ran Guib pkr on 2-3/8 tbg to 4220, Western Co acidized perfs w/ 2000 gals 15% iron stabilized acid using 80 RCN ball sealers followed by 6000 gals fresh wtr, treated w/ 2 gals Adomal/ 1000 gals, TTP 400 to 3000, rate 4.2 BPM, ISIP 2400, 5 min SIP 2350, job compl @ 3:00 p.m. 11/7/68. SI & SD for nite.

11/11 E. K. QUEEN UNIT #5-2, 4356 TD, 4224 PBTB, Queen (4264-4309).

S 74 BLW/8½ hrs, L hr sw 5 bbls, S/O 100% wtr, 400' FIH, no gas. Lack 118 BLW to rec. SD for nite, then sw 16 BLW/2 hrs, POH, LD 2-3/8 tbg, left Guib pkr in hole, unscrewed from safety jt, picked up tbg, screwed into safety jt 4010, POH, left slip head, 2 slips & pkr rubber in hole, ran new Gub tension pkr on 31 jts 2-3/8 CL tbg, pkr hung up, POH, ran csg scraper on tbg, POH, rerun Guib pkr on 2-3/8 CL tbg, set pkr @ 4215 w/ 11,000 tension, fiber glasstail pipe @ 4244, instl inj head, RD & Rel X-Pert Well Serv SD unit @ 6:30 p.m. 11/10/68. Rel to Prod ready for injection.

11/12 E. K. QUEEN UNIT #5-2, 4356 TD, 4224 PBTB.

Inj 150 BSW/15 hrs @ 1360 psi, prep to open up choke and increase injection rate and retest.

11/13 E. K. QUEEN UNIT #5-2, 4356 TD, 4224 PBTB.
Inj 525 BSW/24 hrs @ 1850 psi.

11/14 E. K. QUEEN UNIT #5-2, 4356 TD, 4224 PBTB.
Inj 250 BSW/24 hrs @ 1890 psi.

11/15/68 E. K. QUEEN UNIT #5-2, 4356 TD, 4224 PBTB.

Inj 260 BSW/24 hrs @ 1975 psi into perfs 4264-4298 OA and 4300-4309. Compl 11/10/68.

Before W/O: Inj 213 BSWPD into perfs 4300-4309.

FINAL REPORT.

- Complete.