

Attachment  
Marathon Oil Company  
Indian Basin Gas Com Well #1

- 12-15-91 - LD 6 jts 2 7/8" tbg. FTIH w/new Baker Hughes mill tooth bit, 12- 4 3/4" DC's on 2 7/8" tbg. RU swivel & drlg head. Started drlg @ 8:15 a.m. Drilled from 10,049'-10,117' in 9 hrs. Returns were rubber, cast iron, brass & cmt. Circ hole 1 hr. LD swivel & remove drlg head. POOH w/6" bit & BHA. TIH w/new 6" Varel button bit & 12- 4 3/4" DC's on 2 7/8" tbg. RU swivel & drlg head. Circ hole. Start drlg open hole @ 3:00 a.m. Drld from 10,117'-10,142' in 3 1/2 hrs. Change out unit crews. SDFN.
- 12-16-91 - Drld from 10,142'-10,318'. 170' in 24 hrs. Avg 7' per hr. Sweep hole w/polymer. Clean hole. Resume drlg. Slight seepage started @ 10,300'. SDFN.
- 12-17-91 - drilled from 10,316'-10,438' in 7 hrs. Circ hole for 3 hrs. Lost 180 bbls fluid to formation while drlg & circ. POOH w/drlg assy. RIH w/7" Baker pkr on 2 7/8" tbg to 9498'. Set pkr. Psi up csg to 500#. OK. Est inj rate down tbg into OH section @ 2 BPM @ 1400#. Pumped total of 75 bbls 2% KCl wtr. ISIP 0#. Change out BOP rams. Psi test csg to 500#. Lost 100# in 35 mins. Now prep to acidize OH section w/4000 gals 15% NEFE. SDFN.
- 12-18-91 - RU Dowell to acidize. Test lines to 5000#. OK. Open bypass on pkr @ 9498'. Circ acid to spot. Close bypass. Acidize OH 10,100'-10438' w/ 4000 gals 15% NEFE acid. Flush w/2% KCl wtr. Max psig 3100#. AIR 4 BPM @ 650#. ISIP 0# vacuum. RD Dowell. Rel pkr. POOH laying down workstring & pkr. Change pipe rams to 2 3/8". RIH w/7" Baker Model R nickel coated pkr on 2 3/8" IPC tbg. Left pkr swinging. Closed rams. SDFN.
- 12-19-91 - LD 8 jts 2 3/8" IPC seal lock tbg. Remove BOP. Set Baker pkr @ 9965'. Install tbg hanger flange. Open bypass on pkr. RU pump truck. Circ annulus w/treated pkr fluid. Close bypass. PSI up annulus to 500#. Held OK for 15 mins. Witness by Mike Stubbelfield w/NMOCD in Artesia. Hook up wellhead. RD. Release WO unit.

FINAL REPORT.