

Marathon Oil Company
HISTORY OF OIL OR GAS WELL

6-18-93 RU pulling unit. POH w/rods & pump. NU BOP w/2 3/8" J-55 tbg. SDFN. DC \$880.

6-19-93 RIH w/4 1/2" full bore pkr on 2 3/8" tbg. Set pkr below perfs @ 3611'. Loaded tbg w/10 bbls 2% KCl water & tested csg below perfs to 1000 psi. Held OK. Pull pkr above perfs to 3423'. Loaded csg w/13 bbls, pressure csg to 1000 psi. OK. Pull pkr to 3359'. SDFN. DC \$2,275. CC: \$67,588.

6-20-93 Shut down for weekend.

6-21-93 Shut down for weekend.

6-22-93 Shut down - waiting on log.

6-23-93 RU Holmes Wireline. Ran pump in tracer & temp survey to determine channel. No channel indicated. RD Holmes. POH w/tbg & pkr. RIH w/115 jts 2 3/8" tbg, SN & MJ. ND BOP. RIH w/rods (no pump). Pump corrosion inhibitor down tbg & csg. RD pulling unit. Left well shut-in. DC = \$4,685. CC = \$72,273. DROP FROM REPORT.

7-09-93 RU pulling unit. POH w/rods. NU BOP. POH w/tubing. RU HLS. Ran 3.75 gauge ring and junk basket to PBTD 4018. Ran Halliburton cement retainer and set at 3560. RD HLS. RIH w/retainer stinger on 2 3/8" J-55 tubing. Hydrotested tubing to 5000# below slips. Spaced out and stung into retainer. SDFN. DC = \$3,250. CC = \$72,523.

7-10-93 SITP - Slight blow. RIH w/swab & tagged fluid 300' above SN (fluid @ 3090'). 300' fluid entry overnight. Made 1 swab run & well swabbed dry. Waited 1 hour. Made swab run and no fluid entry. POH w/tbg. & pkr. RIH w/3 7/8" bit and 4 - 3 1/16" drill collars on 2 3/8" tbg. Drilled out retainer @ 3560'. Drilled cmt. to 3629'. POH w/DC's & bit. RIH w/Model R pkr. & set @ 3363'. Established rate onto perfs 3348-3589' of .8 bpm @ 2000#. SDFN. DC: \$1790. CC: \$82,433. Pres. Oper: Acidize w/2000 gals. 15%. DC = \$4,190. CC = \$86,623.

7-11-93 RIH w/tbg. & tagged cmt. @ 3390'. POH w/tbg. & stinger. RIH w/3 7/8" bit and 4 - 3 1/16" DC's. DO sort cmt. to retainer @ 3560'. POH w/tbg., collars & bit. RIH w/Baker Model R on 2 3/8" tbg. & set @ 3363'. Made 3 swab runs & well swabbed dry. SDFN.

7-12-93 Shutdown for Sunday.

7-13-93 POH w/tubing and Model R packer. RIH w/Halliburton PIP packer on 2 3/8" tubing. Spot acid across perfs 3448-3557'. Breakdown perfs and wash w/2000 gallons 15% NEFE. Avg. breakdown - 1900#. Avg. treating psi - 1300# @ 2 bpm. Pulled packer to 3368'. Fished fluid control valve & standing valve. Reverse well bore clean. Fluid level 800' from surface. Swabbed 3 1/2 hours and recovered 68 bbls. acid water. Ending fluid level 2200' from surface. SDFN. DC = \$6,028. CC = \$92,651.

7-14-93 SITP - 150#. Blew to 0# - no flow. RIH w/swab. FL - 1600' from surface. Swabbed 81 BW in 5 hours. EFL - 2800' from surface. POH w/tubing and packer. RIH w/2 3/8" J-55 production tubing. ND BOP. SIH w/pump and rods. SDFN. DC = \$1,395. CC = \$94,010.77

7-15-93 FIH w/ pump & rods. Load & test. Well pumping to test separator @ battery.

7-16-93 Well pumped 0 BO, 6 MCF and 112 BWPD.

7-17-93 Well pumped 6 BO, 9 MCFD & 112 BW.

7-18-93 Well pumped 6 BO, 12 MCFD & 108 BW.

7-19-93 Well pumped 6 BO, 11 MCFD & 113 BW. Echometer indicated 1230' FAP (net).

7-20-93 Well pumped 12 BO, 8 MCFD & 108 BW.

RECEIVED

AUG 30 1993

OFFICE