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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)</p>		<p>5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/></p> <p>5. State Oil & Gas Lease No.</p>
<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <u>Dry Hole</u></p> <p>2. Name of Operator <u>Mesa Petroleum Co.</u></p> <p>3. Address of Operator <u>904 Gihls Tower West, Midland, TX 79701</u></p> <p>4. Location of Well UNIT LETTER <u>C</u> <u>510</u> FEET FROM THE <u>North</u> LINE AND <u>1880</u> FEET FROM THE <u>West</u> LINE, SECTION <u>3</u> TOWNSHIP <u>17S</u> RANGE <u>37E</u> NMPM.</p>		<p>7. Unit Agreement Name</p> <p>8. Farm or Lease Name <u>Meyers</u></p> <p>9. Well No. <u>2</u></p> <p>10. Field and Pool, or Wildcat <u>Undesignated</u></p>
<p>15. Elevation (Show whether DF, RT, GR, etc.) <u>3769' GR</u> <u>3782' RKB</u></p>		<p>12. County <u>Lea</u></p>

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER Status Report ☒

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

On January 16, 1976, an injection survey was attempted but was unsuccessful because of the packer leaking. The hole was loaded with 47 bbls of wtr which was more than normal tubing volume. This indicated that the fluid level could have been as low as 3364' inside and outside the tubing. Wireline total depth was 6420' which did not permit logging over all the perforated interval 6408'---6438'. The amount of fluid used in the survey was 127 bbls which also included that volume that was used to load the hole.

The tubing and packer were pulled on February 13, 1976 and the fill cleaned from the hole. The tubing and packer were re-run and the packer set at 5840'. Attached is a copy of the pump-in tracer survey which was run on February 14, 1976. The tracer survey (burst #2) indicated that most of the fluid was being pumped out the lower set of perfs from 6426'-38. There is very little decrease in amount of radioactivity until the slug approaches the lower set of perforations. The majority of fluid then exits the well bore near the lower 2 feet of perforations. There is a slight indication of some downward channeling behind the casing. Each of the velocity surveys (burst #5 & #13) indicated that quite a bit of fluid was going by the detector at 6436½' but hardly any was passing the detector at 6441½', even outside the casing. (The velocity surveys are run with the wireline tools stationary and the 2 detectors some 5' apart. The radioactive slug is ejected above both detectors and timed as (and if) it passes the detectors.) There was no upward channeling, packer leakage, or channeling downward inside the pipe below the perfs and past the bridge plug. A total of 140 BW was pumped down the tubing during the survey. The well has been shut in since that time.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Michael P. Houston TITLE Division Engineer DATE June 3, 1976

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

MEYERS NO. 2
 510' FNL & 1980' FWL
 Sec 3, T17S, R37E
 Lea County, New Mexico

DST #2 6403'-6451' (Paddock)

Tool opened on 30" PF with weak blow, increased to strong in 3". SI 60". Reopened tool for 90" with weak blow, increased to strong. GTS in 85" TSTM. SI 180". Rec 95' GC oil + 250" SM & GC0 + 20' black SO & HGC water. Sampler had 1.5 CFG + 3000 cc oil w/trace water at 150 psi. IHH 2996, 30" PF 98-138, 60" ISI 1027, 90" FF 158-197, 180" FSI 1125, FHH 2956, BHT 125°.

DST #3 6442'-6509' (Paddock)

Tool opened on 30" PF with weak blow. SI 60". Reopened tool on 90" FF with weak blow and died. SI 180". Recovered 275' drilling fluid - no show. Sampler had 3000 cc slightly WC mud with no show of oil or gas. Pit chlorides 5500 ppm. Top and middle of sample recovery 8000 ppm. IHH 3055, 30" PF 79-98, 60" ISI 2264, 90" FF 138-217, 180" FSI 2403, FHH 2956.

Pkr set at 6388'

Perf'd 6408'-6422' and 6426'-6438', A/3000 gals swabbed load wtr and trace of oil - tight. F/10,000 gal 15% gelled acid & 10,000# sn (20-40 & 10-20). Swabbed wtr and trace of oil after recovering load.

CIBP at 6450'.

Perf'd 6456'-76', A/2000 gals 15% + 30 ball sealers. Swabbed to seat nipple - tight - recovered nothing but water.

4½" 11.6# K-55 LT at 6632 with 500 sx.

35 sx 7000'-7100'

70 sx 8100'-8300'