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NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease: State [X] Fee [ ]

5. State Oil & Gas Lease No. B-934

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.)

1. OIL WELL [X] GAS WELL [ ] OTHER-

7. Unit Agreement Name

2. Name of Operator: EXXON CORPORATION

8. Farm or Lease Name: N. M. "S" STATE

3. Address of Operator: P.O. BOX 1600, MIDLAND, TEXAS 79701

9. Well No. 20

4. Location of Well: UNIT LETTER E, 2100 FEET FROM THE NORTH LINE AND 500 FEET FROM THE WEST LINE, SECTION 2 TOWNSHIP 22-S RANGE 37-E NMPM.

10. Field and Pool, or Wildcat: DRINKARD

15. Elevation (*Show whether DF, RT, GR, etc.*): RDB 3381

12. County: LEA

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:		
PERFORM REMEDIAL WORK	[ ]	PLUG AND ABANDON [ ]	REMEDIAL WORK	[ ]	ALTERING CASING [ ]
TEMPORARILY ABANDON	[ ]		COMMENCE DRILLING OPNS.	[ ]	PLUG AND ABANDONMENT [ ]
PULL OR ALTER CASING	[ ]	CHANGE PLANS [ ]	CASING TEST AND CEMENT JOB	[ ]	
OTHER PERF. AND FRAC ALL OF DRINKARD	[X]		OTHER		[ ]

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.

SEE ATTACHED SHEETS FOR RECOMMENDED WORKOVER PROCEDURE.

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

SIGNED Mazon Ogden TITLE UNIT HEAD DATE 12-2-75

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECOMMENDED WORKOVER PROCEDURE

1. Kill the Tubb with brine.

2. Pull the production equipment.

3. Run a Rock Tool Co. drill bailer on sand line and knock Baker Model "D" packer to bottom. Give Rock Tool Co. (915-366-7207 - Odessa) at least one day notice so then can line up equipment.

4. Run a retrievable bridge plug and packer on 2-7/8" workstring. Pressure test workstring to 5500 psi if necessary.

5. Set plug on bottom and packer @ 6200'±.

6. Perforate the following intervals through tubing using McCullough's 1-9/16" Omega Jet tubing gun, or equivalent:

6260'-6262'	1 spf	3 shots
6280'	-	1 shot
6282'	-	1 shot
6286'	-	1 shot
6291'-6293'	1 spf	3 shots
6403'-6405'	1 spf	3 shots
6412'-6416'	1 s/2'	3 shots
6426'-6428'	1 spf	3 shots
6433'-6437'	1 s/2'	3 shots
		21 shots

Decentralize gun and shoot with 0° phasing. Use lubricator when perforating.

7. Reset packer at 6310'.

8. Pressure test surface equipment to 5500 psi.

9. Acid frac the interval 6342'-6490' with 15,000 gals. Polymulsion pad, 17,000 gals. 20% HCl and 3,000 gals. flush as follows:

   a. Pump 1,000 gals. acid.
   b. Pump 5,000 gals. K-1 pad.
   c. Pump 5,000 gals. HCl.
   d. Pump a 1000# slug of a 50-50 mixture of benzoic acid flakes and rock salt in 50 bbls gelled water.
   e. Pump 1,000 gals. acid.
   f. Pump 10,000 gals. K-1 pad.
   g. Pump 10,000 gals. HCl.
   h. Pump 3,000 gals brine containing 3 gals. Corexit 7652.
   i. Shut-in well approximately 1 hour.
   j. Flow well to tanks until all load is recovered or well dies.

Frac down 2-7/8" tubing at maximum rate not exceeding 5000 psi surface pressure. The 20% HCl should contain 50# gum Karaya and 4 gals. Corexit 8504 per 1,000 gals. HCl. Hold pressure on tubing-casing annulus if possible. If perfs communicate during frac, IMMEDIATELY shut down pumps and notify production engineer.

Mixing directions for 15,000 gals. brine-external K-1 Polymulsion:*

a. Add 50 gals. Exxon 8596 (emulsifier) to 5,000 gals. clean brine.

b. Circulate brine while adding 240# gum karaya and 300# Adomite Aqua. Circulate until gel strength develops.

c. Circulate gelled brine while adding 10,000 gals. lease crude.

*Insure that no alkaline contaminants, such as cement or lime residue are present in the storage, mixing, or pumping equipment.

10. Kill Drinkard if necessary.

11. Reset bridge plug at 6330'.

12. Spot acid across perfs 6260'-6293'.

13. Set packer at 6180'.

14. Acid frac the interval 6260'-6293' with 7,500 gals. K-1 pad, 9,000 gals. 20% HCl, and 3,000 gals. flush volume as follows:

    a. Pump 1,500 gals. acid.
    b. Pump 7,500 gals. K-1 pad.
    c. Pump 7,500 gals. HCl.
    d. Pump 3,000 gals. flush containing 3 gals Corexit 7652.
    e. Shut-in well approximately 1 hour.
    f. Flow well to tanks until all load is recovered or well dies.

    Frac down 2-7/8" tubing at maximum rate not exceeding 5000 psi surface pressure. The 20% HCl should contain 50# gum Karaya and 4 gals. Corexit 8504 per 1,000 gals. acid. Hold pressure on tubing-casing annulus if possible. If perfs communicate during frac, IMMEDIATELY shut down pumps and notify production engineer.

Mixing directions for 7,500 gals. brine-external K-1 Polymulsion:*

a. Add 25 gals. Exxon 8596 (emulsifier) to 2,500 gals clean brine.

b. Circulate brine while adding 120# gum karaya and 150# Adomite Aqua. Circulate until gel strength develops.

c. Circulate gelled brine while adding 5,000 gals. lease crude.

*Insure that no alkaline contaminants, such as cement or lime residue are present in the storage, mixing, or pumping equipment.

15. Kill Drinkard if necessary.

16. Pull bridge plug and packer.

17. Run 2-3/8" production tubing with production packer, profile nipple, and on/off tool on bottom (Engr. recommends using Guiberson or Baker production equipment).

18. Set packer at 6200'±.

19. Set plug in profile nipple and release on/off tool. Swab in Tubb.

20. Close tubing valve and produce Tubb on tubing-casing annulus.

21. Latch onto on/off tool and retrieve plug.

22. Swab in Drinkard and place well on production.

S. E. Barker
11-26-75

VRT/sg
11-26-75