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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 <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator EXXON CORPORATION		8. Farm or Lease Name NEW MEXICO "S" STATE
3. Address of Operator P.O. BOX		9. Well No. 22
4. Location of Well UNIT LETTER M 800 FEET FROM THE NORTH LINE AND 660 FEET FROM THE EAST 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.) DF 3369		12. County LEA

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER PERFORATE AND FRAC <input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

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 ATTACHMENT FOR PROCEDURE

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

SIGNED AL Clemmer TITLE UNIT HEAD DATE 12-17-75

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

RECOMMENDED WORKOVER PROCEDURE

1. Kill the Drinkard and Blinebry 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 (Rock Tool Co. out of Odessa 915-366-7207).
4. Perforate the following intervals using a jet casing gun:

6258'	-	1 shot
6262'-6264'	1 spf	3 shots
6276'-6278'	1 spf	3 shots
6284'-6286'	1 spf	3 shots
6290'-6292'	1 spf	3 shots
6296'-6298'	1 spf	3 shots
6309'-6311'	1 spf	3 shots
6318'	-	1 shot
6370'-6372'	2 spf	5 shots
6380'-6383'	2 spf	7 shots
6428'-6430'	1 spf	3 shots
6434'-6437'	1 spf	4 shots
		<u>39 shots</u>

Use lubricator when perforating.

Collars are located at: 6254'  
6292'  
6328'  
6364'

Collars taken from Frontier Isotron Log 2/24/63.

5. Run a retrievable bridge plug and treating packer on 2-7/8" workstring. Pressure test workstring if necessary.
6. Set bridge plug at 6445'. Spot 20% HCl across perfs 6370'-6437'.
7. Set packer @ 6400'. Pressure test surface equipment to 5500 psi.
8. Acid frac perfs with 2,000 gals. 20% HCl containing 50# gum Karaya and 4 gals. Corexit 8504 per 1,000 gals. HCl. Pump acid at maximum rate not exceeding 5000 psi surface pressure. Hold pressure on tubing-casing annulus during frac if possible. If perfs communicate during frac, reduce pressure to 2000 psi and continue with job. Flush acid with clean brine.
9. Kill well with 10# brine if necessary.
10. Acid frac perfs 6258'-6383' in two stages with 12,500 gals. K-1 polymulsion pad and 13,000 gals. 20% HCl as follows:
  - a. Reset bridge plug 6415' and packer 6335'.
  - b. Pump 2,500 gals. K-1 pad.

- c. Pump 3,000 gals. HCl.
- d. Overflush acid with 500 gals. clean brine.
- e. Shut-in approximately 1 hour then flow well down if necessary.
- f. Reset bridge plug at 6355'. Spot acid across perfs 6258'-6318' and set packer @ 6200'±.
- g. Pump 10,000 gals. K-1 pad.
- h. Pump 10,000 gals. HCl.
- i. Pump 3,000 gals. brine containing 3 gals. Corexit 7652.
- j. Shut-in well approximately 1 hour.
- k. Flow well to tanks until all load is recovered or well dies.

Frac down 2-7/8" workstring 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 during frac if possible. If perfs communicate during frac, IMMEDIATELY shut down pumps and notify production engineer.

Mixing directions for 12,500 gals. brine-external K-1 Polymulsion:\*

- a. Add 42 gals. Exxon 8596 (emulsifier) to 4,200 gals. clean brine.
- b. Circulate brine while adding 200# gum karaya and 250# Adomite Aqua. Circulate until gel strength develops.
- c. Circulate gelled brine while adding 8,300 gals. lease crude.

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

- 11. Kill Drinkard if necessary.
- 12. Pull bridge plug and packer.
- 13. Rerun poroduction equipment as follows:

Long String

Production packer (resettable) @ 6150'±  
on/off tool (w/profile nipple)  
2-1/16" tubing  
parallel anchor @ 5700'±  
2-1/16" tubing

Short String

Latch in tool  
Profile nipple  
2-1/16" tubing

- 14. Swab in Drinkard and Blinebry and place well on production.

  
S. E. Barker

VRT/sg  
12-8-75