

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. <u>30-025-28428</u>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <u>B-1520</u>
7. Lease Name or Unit Agreement Name <u>Bridges State Lease</u>
8. Well No. <u>187</u>
9. Pool name or Wildcat <u>Vacuum Grayburg San Andres</u>

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. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Injection Well</u>
2. Name of Operator <u>Mobil Producing TX & NM Inc.</u>
3. Address of Operator <u>901 East Bender - Hobbs, NM 88240</u>
4. Well Location Unit Letter <u>0</u> : <u>5</u> Feet From The <u>south</u> Line and <u>2550</u> Feet From The <u>east</u> Line Section <u>26</u> Township <u>17S</u> Range <u>34E</u> NMPM <u>Lea</u> County
10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: Clean Out & Acidize ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. 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.

Mobil is Operator of this well and Conoco will be doing the work.

- Backflow well to frac tank until well is dead.
- MIRU.
 - ND wellhead. NU BOP.
 - Release Baker 5-1/2" ADI packer @ 4397' and POOH w/2-3/8" flourline injection tubing and packer.
- RIH w/4-3/4" bit, 5-1/2" casing scraper, drill collars, and 2-3/8" workstring.
 - CO to PBTD @ 4764'.
 - Circulate hole clean w/fresh water.
 - POOH.

- Mix 4 drums of bleach (X-CIDE 209 Sodium Hypochlorite - Petrolite) in 84 bbl fresh water.

Note: Extreme caution should be exercised in handling the bleach. Severe burns will result if skin contact occurs. Please refer to attached Material Safety Data Sheet. All personnel exposed or with the potential of being exposed to this chemical must wear proper safety equipment. This equipment includes: rubber slick suit, rubber gloves, and face shield. WELD PEEJOB
SAFETY DTC PRIOR TO MIXING BLEACH.

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

SIGNATURE Timothy R. Foster TITLE Sr. Administrative Analyst DATE 5-30-89

TYPE OR PRINT NAME Timothy R. Foster/Conoco As Agent For Mobil Producing TELEPHONE NO.

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NMOCD -Hobbs(3) FILE

MAY 31 1989

5. RIH w/5-1/2" RBP, on-off tool, 5-1/2" packer, and workstring.
Pressure test tubing to 5500 psi.
 - a. Tag PBTD @ 4764' and set RBP @ 4759'.
 - b. Spot 2 bbl of bleach solution across perfs @ 4688-4748'.
 - c. PU and set packer @ 4588'.
 6. Squeeze 50 bbl of bleach solution into perfs (Refer to Maximum Surface Treating Pressure Plot) to remove polymer plugging.
 - a. Flush to bottom perf w/22 bbl fresh water.
 7. Allow pressure to bleed off.
 - a. Release packer @ 4588' and retrieve RBP @ 4759'.
 - b. PU and set RBP @ 4588'.
 - c. Spot 2 bbl bleach solution across perfs @ 4453-4485'.
 - d. PU and set packer @ 4353'.
 8. Squeeze 30 bbl bleach solution into perfs (Refer to Maximum Surface Treating Pressure Plot).
 - a. Flush to bottom perf w/20 bbl fresh water.
 - b. Shut-in overnight.
 - c. Backflow and swab till load recovered.
- Note: All personnel exposed or with the potential of being exposed to this chemical must wear proper safety equipment. This equipment includes: rubber slick suit, rubber gloves, and face shield.
9. Release packer @ 4353' and retrieve RBP @ 4588'.
 - a. Set RBP @ 4759' and packer @ 4588'.
 10. Acidize lower Grayburg perfs from 4688-4748' w/100 bbls 15% HCL NE-FE acid inhibited for 24 hrs @ 110°F and 1500 lb graded rock salt. Pump as follows @ 3-5 BPM (Refer to Maximum Surface Treating Pressure Plot):
 - a. Pump 20 bbl fresh water.
 - b. Pump 20 bbl acid mixture.
 - c. Pump 750 lb graded rock salt in 12 bbl gelled 10 lb brine.
 - d. Pump 40 bbl acid mixture.
 - e. Pump 750 lb graded rock salt in 12 bbl gelled 10 lb brine.
 - f. Pump 40 bbl acid mixture.
 - g. Flush to bottom perf w/22 bbls fresh water.
 - h. Shut-in 1 hr.
 - i. Release packer and run through perfs.

Note: Fresh water in (a) is to isolate bleach and acid. When bleach and acid come in contact, toxic chlorine gas may form.

11. Allow pressure to bleed off.
 - a. Retrieve RBP @ 4759'.
 - b. PU and set RBP @ 4588' and packer @ 4353'.
 - c. Pressure up on backside to 1000 psi.
12. Acidize upper Grayburg perfs from 4453-4485' w/60 bbls 15% HCL NE-FE acid inhibited for 24 hrs @ 110°F and 1000 lb graded rock salt. Pump as follows @ 3-5 BPM (Refer to Maximum Surface Treating Pressure Plot):
 - a. Pump 20 bbl acid mixture.
 - b. Pump 500 lb graded rock salt in 8 bbl gelled 10 lb brine.
 - c. Pump 20 bbl acid mixture.
 - d. Pump 500 lb graded rock salt in 8 bbl gelled 10 lb brine.
 - e. Pump 20 bbl acid mixture.
 - f. Flush to bottom perf w/20 bbls fresh water.
 - g. Shut-in 1 hr.
 - h. Release packer and run through perfs.
13. Prepare well for injection.
 - a. Allow pressure to bleed off.
 - b. Retrieve RBP @ 4588'.
 - c. POOH w/workstring, packer, and RBP.
 - d. RIH w/injection packer and 2-3/8" fluorlined injection tbg.
 - e. Set injection packer @ 4397'.
14. Rig down and turn well over to Mobil.

Please submit approval copy of these procedures to Conoco Inc, P. O. Box 460, Hobbs, New Mexico to attention of Rosa E. Jones.

Bridges State #187

Wellbore Diagram

5 FSL, 2550 FEL
Sec. 26, T17S, R-34E

Lea Cty, NM

