

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other SWD

2. Name of Operator

YATES PETROLEUM CORPORATION (505) 748-1471 ✓

3. Address and Telephone No.

105 South 4th St., Artesia, NM 88210

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FNL & 660' FWL of Section 10-T20S-R24E (Unit E, SWNW)

NM OIL CONS COMMISSION
Drawer DD

Artesia, NM 88210
FORM APPROVED

Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-81893

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Donahue Federal #1

9. API Well No.

30-015-00087

10. Field and Pool, or Exploratory Area

SWD - Abo

11. County or Parish, State

Eddy Co., NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Repair tubing/packer leak

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please see attached procedure for repairing tubing or packer leak.

RECEIVED

SEP 25 1995

OIL CON. DIV.
DIST. 2

Aug 24 11 47 AM '95

RECEIVED

14. I hereby certify that the foregoing is true and correct

Signed

Rusty Klein

Title Production Clerk

Date Aug. 22, 1995

(This space for Production State office use)

Approved by

JOE G. LARA

Title

PETROLEUM ENGINEER

Date

9/21/95

Conditions of approval, if any:

DONAHUE WIW
10-20S-24E
WIW WORKOVER
8-17-95

OBJECTIVE: Repair suspected tubing or packer leak.

PROCEDURE:

1. MIRU WSU. RU slickline lubricator and tag TD with sinker bar to see if well has any fill. Set blanking plug in profile nipple above crossover. KENCO sketch doesn't say what kind of nipple is in hole. If Baker, will probably be 2.75" id. If Otis, will probably be 2.813" id. Test tubing to 2000 psi with plug in place to see if leak is in tubing. Bleed tubing down, ND tree, NU BOP, RU lubricator, equalize and pull plug.
2. Kill well with 10 ppg BW if possible (well has been back flowing 1000 bwpd for couple of months...Norbert is going to check on flowback pressure and shutin pressure to give us an idea whether or not we can kill well, work it over flowing, or get snubbing unit for workover).
3. Unseat packer at 4220' and TOOH with 3-1/2" injection string. If leak is in tubing, recommend laying down tubing and running new injection tubing.
 - a) If can't kill well, but backflow not too bad, pull tubing with well flowing into a pit. Run stripper head if necessary or helpful.
 - b) If can't kill well, and backflow is too strong to pull tubing, RU lubricator, set blanking plug in nipple above crossover, bleed tubing down to insure plug is holding, RU snubbing unit with 10-12' riser for packer, unseat packer and snub tubing and packer OOH. Have well backflowing out casing while TOOH and be prepared for bath when leak is pulled to surface.
4. If well has fill, and conditions allow, RIH with bit and scraper and clean well out to 4600'.
5. TIH with following injection equipment and tubing. Notify NMOCD 24 hrs. in advance to witness casing integrity test.
 - a) 5-1/2" x 2-3/8" nickel plated UNI-6 packer, nickel plated 2-3/8" x 3-1/2" crossover and nickel plated seating nipple.
 - b) 3-1/2"/9.3ppf/J55/EUE internally plastic coated injection tubing to surface.
6. With packer at 4200', reverse circulate down the annulus approx. 55 bbls. clean fresh water containing corrosion inhibitor, biocide and oxygen scavenger (packer fluid). Set packer at approx. 4200' with tubing landed in neutral position or compression, and test annulus to 500 psi for 30 minutes. If everything tests, ND BOP and NU full opening injection wellhead equipment having stainless steel or ceramic trim for corrosion and H2S resistance.
6. Install pressure gauge on tubing x casing annulus and 9-5/8" x 7" annulus and plumb well up for WIW service (if not done already).