

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.

30-015-23890

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

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 ☒

GAS
WELL ☐

OTHER

AUG 25 1993

2. Name of Operator

YATES PETROLEUM CORPORATION

3. Address of Operator

105 South 4th St., Artesia, NM 88210

4. Well Location

Unit Letter I : 1980 Feet From The South Line and 660 Feet From The East Line

Section 11

Township 20S

Range 24E

NMPM

Eddy

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3608' GR

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: Fish tubing, squeeze bad casing,
acidize Canyon and put back on production ☒

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.

Please see attached procedure for fishing tubing, running casing inspection logs, squeeze bad casing and acidize Canyon. Will put well back on production.

NOTE: Suspect bad casing to be from 3300-3400'.

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

SIGNATURE

Rusty Klein

TITLE

Production Clerk

DATE Aug. 24, 1993

TYPE OR PRINT NAME

Rusty Klein

TELEPHONE NO. 505/748-1471

(This space for State Use)

ORIGINAL SIGNED BY

MIKE WILLIAMS

APPROVED BY

SUPERVISOR, DISTRICT II

TITLE

DATE

SEP 7 1993

CONDITIONS OF APPROVAL, IF ANY:

Nasty

Remedial Work

Handy

YATES WORKING INTEREST = 73.05%

SARA AHA 1
11-20S-24E
WORKOVER PROCEDURE 1
8-20-93

OBJECTIVE: Fish tubing, run casing inspection logs, squeeze bad casing, acidize Canyon and PWOP. Suspected bad casing 3300-3400'.

PROCEDURE:

1. MIRU WSU. RU rod stripper and TOOHS with pump and rods. Kill well if necessary and NU BOP. Attempt to unseat TAC. If unsuccessful, RU lubricator on tubing and run freepoint. Chemical cut or jet cut tubing 15-20' above freepoint and TOOHS with tubing. Lay down and replace tubing as/if necessary.
2. If cut is within 30' or so of TAC, consider using overshot, bumper sub and jars to knock TAC loose. Otherwise use washpipe to wash fill outside of tubing and cut slips off TAC. TOOHS with fish.
 - a) Might be good idea to run mill down to 3500' or so to insure passage of overshot/washpipe through bad casing. Had problems hanging up washpipe/overshot on workover in 3/93.
3. RIH with bit and scraper to 7810' PBD to knock scale off casing. Bail out fill if necessary.
4. RIH with RBP and packer, isolate casing leaks, set RBP at 7000', test to 2000 psi, spot 2 sx. sand on top and TOOHS with packer. Make sure casing is full of water.
5. RU Schlumberger, install lubricator and run USIT/CBT/GR from 3900' to 2900' to determine condition of casing and cement placement on previous squeeze job. If casing leaks are not in the 3300-3450' range, run logs 500' below to 500' above leaky casing.
 - a) Give Schlumberger 1-2 days notice to get logging tools.
 - b) Need to evaluate logs before doing squeeze job.
6. RIH with retainer on tubing, set retainer 100' above leak, establish injection rate with fresh water, pump cement as described below, flush cement to retainer, sting out, reverse cement out of tubing and TOOHS. Wait on cement for 24 hrs., TIH with 4.75" bit, drill out cement and retainer, test casing to 1000 psi and TOOHS. Resqueeze if necessary.

a) Pump 500 gal. 2% CaCl₂ water
5 bbl. fresh water
500 gal. Superflush (flocheck)
5 bbl. fresh water
500 gal. 2% CaCl₂ water
5 bbl. fresh water
500 gal. Superflush
5 bbl. fresh water
100 sx. "C" neat cement (14.8 ppg, 1.32 cfps, 6.3 gwps)

7. TIH to wash sand off RBP and straddle acidize 7801-7805' with 1500 gal. fresh water containing scale inhibitor followed by 1000 gals. 20% NE Fe HCl acid with scale and paraffin inhibitors inhibited for 6 hrs. at 150 deg. (do not use NTA in acid).

8. Straddle acidize 7754-7766' with 1500 gal. fresh water containing scale inhibitor followed by 1000 gals. 20% NE Fe HCl acid with scale and paraffin inhibitors inhibited for 6 hrs. at 150 deg. (do not use NTA in acid).

9. Straddle acidize 7654-7720' with 1500 gal. fresh water containing scale inhibitor followed by 2000 gals. 20% NE Fe HCl acid with scale and paraffin inhibitors inhibited for 6 hrs. at 150 deg. (do not use NTA in acid).

10. PWOP with NO anchor catcher. Will be easier to pull tubing out of scale buildup without TAC in hole.

***** ADDITIONAL PROCEDURES WILL BE ISSUED IF/AS NECESSARY *****

kbcollins/sara11.doc