

Submit 3 Copies  
to Appropriate  
District Office

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

Form C-103  
Revised 1-1-89

CISF  
OP

WELL API NO. 30 - 015 - 24151

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 A WELL IN A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"  
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:  
OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. Name of Operator OXY USA INC. (16696) - J. D. ARTESIA, OFFICE

3. Address of Operator P.O. Box 50250 Midland, TX 79710

4. Well Location  
Unit Letter J : 2,310 Feet From The SOUTH Line and 1,506 Feet From The EAST Line  
Section 15 Township 23 S Range 28 E NMPM EDDY County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
3,000

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: SQUEEZE ATOKA & TEST MORROW ☒

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.

TD - 12875' PBTD - 12833'

IT IS PROPOSED TO SQUEEZE THE ATOKA PERFS 11593' - 11825' AND TEST THE MORROW AS FOLLOWS:

SEE OTHER SIDE

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

SIGNATURE David Stewart TITLE REGULATORY ANALYST DATE 10/19/94

TYPE OR PRINT NAME DAVID STEWART TELEPHONE NO. 915 685-5717

(This space for State Use) SUPERVISOR, DISTRICT II

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE OCT 25 1994

CONDITIONS OF APPROVAL, IF ANY:

- 1) MIRU rig. Kill well w/2% KCl water. ND tree and NU BOP's.
- 2) Sting out of Baker Model DB @ 11,480' and POOH w/tbg.
- 3) PU 4-1/8" burning shoe w/packer picker assy and 6 to 8 3-1/2" DC's and TIH. RU power swivel. Burn over Baker Model DB pkr @ 10,480'. RD power swivel. POOH and LD BHA and pkr/tailpipe.
- 4) RU WL. PU 5" cmt retainer and TIH. Set retainer at  $\pm 11,500'$ . RD WL. PU stinger assy and TIH on 2-7/8" tbg. Test annulus to 1000 psi. Sting into retainer and sqz Atoka perms using 150 sx of low fluid loss class "H" cmt. Sting out of retainer and POOH w/tbg. WOC.
- 5) PU 4-1/8" bit and 3-1/2" DC's and TIH. RU power swivel. Drill out cmt retainer and sqz. Test sqz to 1000 psi. RD power swivel. TIH to new PBTD at 12,833'. CHC. POOH and LD BHA.
- 6) PU 5" Perma-Latch w/On/Off tool w/blanking plug in place and TIH on 2-7/8" tbg. Space out and set pkr at  $\pm 12,700'$  in 8 pts tension. Test pkr to 1000 psi. ND BOP's and NU tree.
  - a) Internally test tbg to 8000 psi while TIH.
  - b) Load tbg w/2500' of clean 2% KCl water while TIH if necessary to reduce "floating" effects.
- 7) RU WL and pull equalizing prong and pull blanking plug. RU 5000 psi lubricator and perforate Morrow from 12,809-17' using a 1-11/16" strip gun loaded 4 spf.
  - a) If not already done, load tbg w/2500' (approx. 10 bbls) of clean 2% KCl water for cushion prior to perforating.
  - b) Depth reference: Schlumberger Neutron/Density log dated 8/22/82.
- 8) Test Morrow. If necessary, acidize w/1500 gals of 7.5% NEFE HCl mixed w/50% methanol in dilution water. Energize acid and flush w/30% CO<sub>2</sub>. Flow and swab back load. RD and release rig. Obtain State 4 point test. PWOL.
  - a) After evaluating, and the decision has been made to produce from this zone, a blanking plug can be set in on/off tool and pkr fluid circulated.
- 9) If Morrow zone from 12,809-17' produces excessive water continue with the following steps:
- 10) Kill well w/2% KCL water. ND tree and NU BOP's. Release Perma-Latch pkr and POOH.
- 11) RU WL. RIH w/5" CIBP and set at 12,750'. Dump 35' of cmt on top of CIBP.
- 12) TIH w/pkr and on/off tool. Space out and set pkr at  $\pm 12,050'$  in 8 pts tension. Test annulus to 1000 psi. ND BOP's and NU tree.
  - a) Run blanking plug in pkr and load tbg w/water cushion as in steps 6 and 7.
- 13) RU SL and pull blanking plug. RD SL & RU WL. NU 5000 psi lubricator. Using a 1-11/16" semi-expendable strip gun loaded w/4 spf, perforate the following Morrow zones: 12,484-94', 12,396-408', 12,240-44', 12,143-48'. RD WL.
  - a) Depth reference: Schlumberger Neutron/Density log dated 8/22/82.
- 14) Test Morrow. If necessary, acidize w/3000 gals of acid system outlined in step number 8. Flow and swab back load. RD & release rig. Obtain 4-point test. PWOL.

YARBRO A #1  
EDDY COUNTY, NEW MEXICO

ELEVATION: KB: 3020'  
GL: 3000'

REMEDIAL WORK:

9/82 - Completion, spot 200 gals 10% acetic az. Perf Atoka thru tbgs @ 11,592-98', 11,654', 56', 57', 59-61', 66-68', and 11,819-11,825'. Az w/ 7500 gals 7-1/2% HCl & 1000 SCF N2/bbl dropping 120 RCNBS. CAOF - 3814 MCFD.

20" CONDUCTOR SET @ 40', 16" CS6 @ 381' W/ 600 SX (CIRC)

10-3/4" CS6 @ 2455' W/ 1650 SX

\*\*\*\*\* TUBING DESCRIPTION \*\*\*\*\*

1 - 2 3/8" MULE SHOED TBG SUB	5.05
BAKER 1.87" ID MOD F PROFILE NPLE	.93
1 - 2 3/8" TBG SUB	10.20
BAKER 1.87" IC MOD F PROFILE NPLE	.94
1 - 2 3/8" TBG SUB	6.38
1 - 3 1/2" X 2 3/8" X-OVER	.58
1 - 3 1/2" WILLOUT EXTENSION	5.67
1 - 5" BAKER MODEL DB PKR	3.05
BAKER LOCATER SEAL ASSEMBLY	.80
1 - 2 3/8" X 2 7/8" X-OVER	.43
367 JTS 2 7/8" 6.5# N-80 TBG	11460.77

TOTAL	11494.80
KB	18.00

SET AT	11512.80
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SURFACE INTERMED PRODUCTION

SIZE	16"	10-3/4"	7-5/8"
WEIGHT	65#	40.5#	29.7#
GRADE	H-40	K-55	S-95
THREAD	ST&C	ST&C	LT&C
DEPTH	381'	2455'	10,640'

LINER

SIZE	5"
WEIGHT	18#
GRADE	P-110 N-80
THREAD	SFJ FL4S
DEPTH	10,155'

TOP OF 5" LINER @ 10,155'. LINER CMTD W/ 325 SX.

7-5/8" CS6 SHOE @ 10,640' W/ 2445 SX DV TOOL @ 5694'

BAKER MODEL DB PKR @ 11,480'

ATOKA PERFORATIONS (11,592'-98', 11,654', 56', 57', 59'-61', 66'-68', & 11,819'-25')

PBTD = 12,833'

TD = 12,875', 5" LINER SHOE @ 12,875'

PREP'D BY: V. A. DERNBACH  
DATE : MAR 31, 1994