

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRI. DATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

dst

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—" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR  
OXY USA Inc. ✓

3. ADDRESS OF OPERATOR  
P. O. Box 50250, Midland, TX 79710

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
  
1800' FNL & 1980' FWI.

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
3255' GR

5. LEASE DESIGNATION AND SERIAL NO.  
NM 050797

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NM OIL CONS COMMISSION  
Drawer DD

7. UNIT DESIGNATION, NAME AND SERIAL NO.  
Academy, NM 88210

8. FARM OR LEASE NAME  
Government AC

9. WELL NO.  
2

10. FIELD AND POOL, OR WILDCAT  
North Burton Flat Morrow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 13, T-20-S, R-28-E

12. COUNTY OR PARISH  
Eddy

13. STATE  
NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) <input type="checkbox"/>	

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

17. 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.)\*

The Government AC #2 is currently completed as a Morrow gas well. Attempts to obtain commercial production from the Morrow have been unsuccessful. It is proposed to attempt a Bone Springs recompletion in this well. The proposed workover procedures are attached along with a wellbore schematic.

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

SIGNED

*Joe G. Lara*

TITLE

Operations Engineer

DATE

3/25/94

(This space for Federal or State office use)

APPROVED BY

(ORIG. SGD.) JOE G. LARA

TITLE

PETROLEUM ENGINEER

DATE

4/12/94

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

**WORKOVER PROCEDURES**  
**Government AC #2**

- 1) MIRU rig. Kill well w/2% KCl water. ND tree and NU BOP's. Bleed pressure (if any) off casing. Atoka perfs in 2-7/8" X 5-1/2" annulus are open. If necessary pump down casing to kill Atoka.
- 2) Release Baker A-2 Lok-Set and POOH. Send pkr and on/off tool in for redress. Keep hole full while POOH.
- 3) RU WL. Set a CIBP at 10,900' (above Morrow perfs). Dump bail  $\pm 50'$  of cement on top of CIBP. Set another CIBP at 10,450' (above Atoka perfs). Dump bail  $\pm 50'$  cement on top of CIBP.
- 4) PU a 4-3/4" bit and 5-1/2" csg scraper and TIH to PBTD at 10,400'. POOH. RU WL. Run an Atlas Vertilog from PBTD at  $\pm 10,400'$  to surface casing shoe at 900'.
- 5) PU 4" csg gun w/3' loaded 4spf and TIH. Perforate casing at  $\pm 7100'$ . POOH and PU 5-1/2" cement retainer and TIH. Set cement retainer at  $\pm 7050'$ . POOH and RD WL.
- 6) PU stinger for retainer and TIH. RU Halliburton. Sting into retainer and test tbg to 5000 psi. Test annulus to 3000 psi (Only if Vertilog indicates casing is in good shape!)
- 7) Shift retainer to pump in. Open intermediate casing valve and attempt to break circulation. If circulation is obtained C&CM until good returns are established.
  - a) If unable to obtain circulation, POOH and perf casing at  $\pm 6,500'$ . Close intermediate valve and open 5-1/2" casing valve and attempt to break circulation. A "suicide" sqz will be performed if circulation is obtained. In either case, use the same cement recommendation from Halliburton.
- 8) Circulate cement behind 5-1/2" casing as per the attached recommendation from Halliburton. Sting out of retainer and POOH w/tbg. WOC.
- 9) TIH w/4-3/4" bit and 5-1/2" csg scraper. C/O and drill cmt to PBTD at 7050' (top of retainer). RU service company. Test csg to 3000 psi (if holes were punched in casing to circulate cement). Pump a Mr. Clean job consisting of 750 gals of Xylene followed by 5 bbls FW followed by 750 gals inhibited 15% HCL. Mr. Clean job should be pumped down casing and returns taken on tbg.

- 10) POOH w/bit and scraper. RU WL. Run a bond log across zone of interest. RIH w/4" select fire casing gun. Perforate the 1st Bone Springs Sand using a limited entry program of 1 spf in the following intervals:  
6672', 77, 85, 89, 96, 6715, 20, 29, 38, 46, 59, 67, 76, 83, 92, 98, 6818, 25, 32, 42, 68, 74, 88, 94.  
Total of 24 holes.
- 11) PU 5-1/2" PPI packer and TIH. RU service company. Break down perforations using 2000 gals of 7-1/2% NEFE acid. PU above perfs and set pkr. Fish RFC valve and standing valve. RU swab and swab back load. Report swab results including any oil or gas show to Midland. At this point the decision will be made whether or not to frac the well.
- 12) POOH w/PPI. If Vertilog showed good casing RU to frac down casing. ND BOP's and NU frac valve. RU service company and frac well as per the attached recommendation. Wait on gel to break overnight.
  - a) If Vertilog indicates poor casing, frac job will be pumped through 3-1/2" tbq.
- 13) Bleed well down gradually. ND frac valve and NU BOP's. TIH w/blade bit and C/O sand to PBTD. CHC. POOH.
- 14) PU 5-1/2" Baker A-2 Lok-Set w/2-7/8" SN and 2-3/8" tail pipe and TIH to  $\pm 6600'$ . Circ packer fluid and set packer in 10-12 pts tension. ND BOP's and NU tree. Test annulus to 500 psi.
- 15) RU swab and swab well in. Allow to clean up. RD rig. SI for 72 hrs and obtain a BHP w/gradient stops. Obtain a gas sample for analysis. Obtain oil samples for PVT analysis as per Reservoir's recommendation.



June 24, 1993

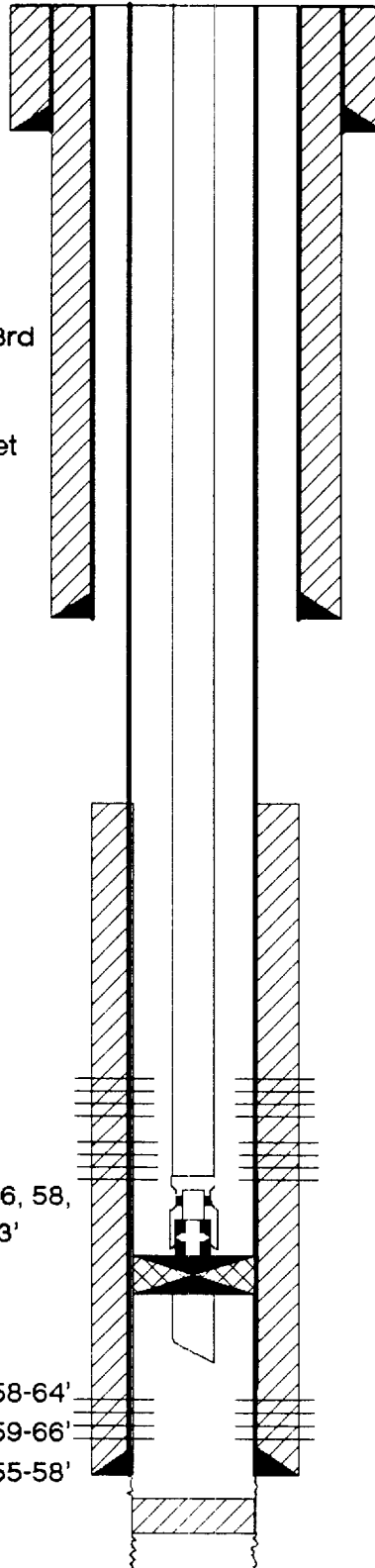
# GOVERNMENT AC #2

Current Configuration  
Elevation: 13.5' KB-GL

1800' FNL & 1980' FWL  
Sec 13 T20S R28E  
Eddy Co., New Mexico

## Tubing: (Top to Bottom)

354 jts 2-7/8", 6.5#, N-80 EUE 8rd  
2-7/8" X 2-3/8" XO  
Baker On/Off Tool (1.87" Profile)  
5-1/2" X 2-3/8" Baker A-2 Lok-Set  
Mule Shoe



13-3/8", 48#, H-40 STC @ 900'  
Cmt'd w/775 sx-circ'd to surface

9-5/8", 36#, K-55 ST&C @ 3000'  
Cmt'd w/1100 sx - circ'd to surface

TOC @ 7420' (Temp Svy)

## Atoka Perfs 2 spf (1989):

10,493-99', 10,523-27'

## Atoka Perfs 1 spf (original):

10,643', 45, 47, 49, 52, 54, 56, 58,  
63, 65, 67, 71, 73, 76, 10,683'

## Morrow Perfs 2 spf (1990):

10,940-45', 11,002-06', 11,058-64'  
11,134-36', 11,153-56', 11,159-66'  
11,201-03', 11,245-49', 11,255-58'  
11,278-82'

Prepared By: Robert Elliott

Baker On/Off Tool @ 10,848'

Baker A-2 Lok-Set @ 10,850'

EOT @ 10,857'

5-1/2", 17 & 20#, N-80 LTC

Set @ 11,380'

Cmt'd w/1000 sx

PBTD: 11,319'

TD: 11,610'