Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

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

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.)

5. LEASE DESIGNATION AND SERIAL NO: LC-032233(A)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Exxon Corporation Attn: David A. Murray

8. FARM OR LEASE NAME: Bowers "A" Federal

3. ADDRESS OF OPERATOR: P. O. Box 1600, Midland, TX 79702

9. WELL NO.: 31

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1980' FNL and 660' FWL of Sec. 29 (SW NW)

10. FIELD AND POOL, OR WILDCAT: Hobbs Blinebry

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 29, T18S, R38E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3642 GR

12. COUNTY OR PARISH: Lea

13. STATE: NM

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREAT		MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CASING	
SHOOT OR ACIDIZE		ABANDON*		SHOOTING OR ACIDIZING		ABANDONMENT*	
REPAIR WELL	X	CHANGE PLANS		(Other)			
(Other)				(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.)*

Repair and test casing leak.

See attached procedure.

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

SIGNED David A. Murray TITLE Permits Supervisor DATE 3-20-87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE 3-25-87

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PROCEDURE:

1. MIRU WSU. Load hole with brine to kill well. Install a class III BOP and pressure test to Exxon specifications. Pick up work string and retrievable packer and TIH to just above CIBP. Set packer and test bridge plug to 500 psi down tubing. If the CIBP leaks, test the backside to insure tubing/packer integrity and then TOH to re-run second CIBP.

If CIBP tests OK, test casing-tubing annulus to 500 psi. If annulus does not hold pressure, TOH with packer and tubing, re-setting packer as necessary and pressure testing backside in order to isolate casing leak.

2. If leak is isolated below 3500', RIH with cement retainer on work string and set 50' above leak. Test backside to insure retainer is set properly. Establish injection into leak with brine water. Once injection is established with brine, rig up cementers. Batch mix and pump 20 sxs of class "C" cement containing 2% $CaCl_2$ (weight: 14.8 ppg, yield: 1.32 cfps, water ratio: 6.0 gps). Precede cement with 5 bbls fresh water and displace with 2 bbls fresh water followed by sufficient brine to displace cement slurry to retainer. Try to obtain 500 psi squeeze pressure. DO NOT OVERDISPLACE cement past retainer. Sting out of retainer, dumping any remaining cement in tubing on top of retainer. Pick up above retainer and reverse out. Pressure up on casing to insure it holds pressure. Pressure test 5-1/2" casing to 500 psi. Record pressure for 30 minutes using a pressure chart.

3. If casing leak is isolated above 3500', re-set retrievable packer 250' above suspected leak. Test backside to 500 psi above packer to insure packer is set properly. Establish injection into leak with brine water. Once injection is established with brine, rig up cementers. Batch mix and pump 20 sxs of class "C" cement containing 2% $CaCl_2$ (weight: 14.8 ppg, yield: 1.32 cfps, water ratio: 6.0 gps). Precede cement with 5 bbls fresh water and displace with 2 bbls fresh water followed by brine. Inject cement at 1-2 rate. Try to obtain 500 psi squeeze pressure. If unable to obtain running squeeze, begin hesitating cement with half of slurry already through perfs. If squeeze is still not obtained, overdisplace cement through perfs and try again. After obtaining squeeze, unset packer and begin reverse circulating. TIH while reversing out excess cement inside casing across perforations. TOH with tubing and packer. Pull above squeeze interval and leave packer swinging. WOC 2-4 hours. Re-set packer and pressure test casing to 500 psi as required by BLM.

4. TOH, laying down work string. Nipple down BOP. Cap well and leave shut-in. Rig down, move out WSU.