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

5. LEASE DESIGNATION AND SERIAL NO.: LC-029519 (a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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 X GAS WELL OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Texaco Inc.

8. FARM OR LEASE NAME: B. V. Lynch "A" Federal

3. ADDRESS OF OPERATOR: PO Box 728, Hobbs, New Mexico 88240

9. WELL NO.: 9

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: Unit Letter E, 1650' FNL & 2310' FWL

10. FIELD AND POOL, OR WILDCAT: Lynch Yates-7 Rivers-Queen

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 34, T20S, R34E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3715' DF

12. COUNTY OR PARISH: Lea

13. STATE: NM

RECEIVED
JUL 8 11 00 AM '87
CARLSBAD, RESOURCE AREA HEADQUARTERS

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	CHANGE PLANS	(Other)	
(Other) Recompletion X		(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.)*

1) MIRUPU. TOH with rods and pump. Install BOP. TOH with 2 7/8" tubing.
2) TIH with 4 3/4" bit and casing scraper on workstring. Clean 5 1/2" casing to casing shoe at 3640'. TOH.
3) TIH with 5 1/2" RBP and packer. Set RBP at ± 3630' and pressure test. Raise packer and pressure test 5 1/2" casing to surface to 500#. If leaks occur, continue with step 4, otherwise go to step 5.
4) Locate leaks with packer and RBP. TOH with RBP. Set CIBP below leaks and set cement retainer above leaks. Sting into retainer and establish injection rate. Squeeze leaks with ± 100 sxs. Class "H" cement with 2% $CaCl_2$. Pull out, reverse tubing clean, and TOH. WOC. TIH with 4 3/4" bit and drill cment retainer and cement to CIBP. Pressure test squeezed leaks. If pressure does not hold, repeat step 4. Drill up CIBP.
5) Pull all tools out ot hole! Set 5 1/2" cement retainer at 3625', or 15' above casing shoe. Establish injection rate into open hole at 3640'-90'. Pump 8000 gallons Injectrol into open hole at 2 BPM, 2500#. Follow with 100 sxs. Class "H" cement containing 0.2% Halad-4 and 2% $CaCl_2$. If necessary, stage the cement to obtain a squeeze. Sting out of retainer, circulate tubing clean, then TOH. New PBTD: 3625'.
6) With 4" casing gun, perforate the Yates with 2 spf at 3560', 63, 66, 69, 72, 75, 78, 81, 84, 87, 89, 96, 3602', 06, 09, 12, 15, and 3619' (18 intervals, 36 holes).
7) TIH with packer and 2 7/8" workstring. Set packer at ± 3460'. Load backside. Establish injection rate into perfs at 3560'-3619', then acidize with 2000 gallons (OVER)

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

SIGNED J A Hea TITLE Hobbs Area Superintendent DATE July 2, 1987

397-3571

(This space for Federal or State office use)

APPROVED BY Richard L. Manus TITLE _____ DATE 7-10-87

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.

15% NEFE acid. Pump at 4 BPM, 1500#. Drop 20 ball sealers. SI 1 hour. Swab well and observe shows. If shows are favorable, continue to step 8, or otherwise consider abandonment of perfs. Go to step 9.

8) Frac the perfs at 3560'-3619' with a total of 35,000 gallons 30# gel and 75,000# 20/40 sand. Pump at 12 BPM, 1300#, with 20# Adomite Aqua, as follows:
   a) Pump 3000 gallons 30# gel as pad. Follow with 3000 gallons 30# X-linked gel.
   b) Pump 1500 gallons X-link with 1 ppg sand.
   c) Pump 2000 gallons X-link with 2 ppg sand.
   d) Pump 2500 gallons X-link with 3 ppg sand.
   e) Pump 3000 gallons X-link with 4 ppg sand, then pump 2500 gallons X-link with 5 ppg sand.
   f) Drop 20 ball sealers. Repeat steps 8a) through 8e). SI 2 hours. Swab well and test.
9) TOH with tubing and packer. With 4" casing gun, perforate the Yates with 2 spf at 3462', 65, 67, 70, 75, 79, 82, 86, 92, 95, 98, 3505', 07, 10, 13, 18, 20, 23, 26, 30, 33, 38, and 3543' (23 intervals, 46 holes).
10) TIH with RBP, packer, and 2 7/8" workstring. Set RBP at 3550'. Dump sand on RBP. Raise packer and set at ± 3360'. Load backside. Establish injection rate into perfs at 3462'-3543'.
11) Acidize perfs with 2500 gallons 15% NEFE acid. Pump at 6 BPM, 1600#. Drop 30 ball sealers throughout job. SI 1 hour.
12) Frac perfs with 44,000 gallons 30# gel and 95,000# 20-40 sand. Pump at 18 BPM, 1300# with 20# Adomite Aqua, as follows:
   a) Pump 3750 gallons 30# as a pad. Pump 3750 gallons 30# X-link gel.
   b) Pump 2000 gallons X-link with 1 ppg sand.
   c) Pump 2500 gallons X-link with 2 ppg sand.
   d) Pump 3000 gallons X-link with 3 ppg sand.
   e) Pump 3500 gallons X-link with 4 ppg sand, then pump 3500 gallons X-link with 5 ppg sand.
   f) Drop 34 ball sealers. Repeat steps 12a) through 12e). SI 2 hours.
13) Release packer and RBP, then TOH. TIH with bit and workstring and circulate hole clean to PBTD 3625'. TOH.
14) TIH with production tubing to ± 3615'. ND BOP. TIH with pump and rods. POB.
15) RDPU. Test production.