

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.
SEE APPLICATION FOR PERMIT for such proposals.

SEP 9 10 47 AM '87

1. NAME OF OPERATOR
Texaco Inc.
2. ADDRESS OF OPERATOR
PO Box 728, Hobbs, New Mexico 88240
3. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below)
At surface
Unit Letter F, 1650' FNL & 2910' FWL
14. PERMIT NO. 15. ELEVATIONS (SHOW whether DF, RT, CR, etc.)
3755' DF

CARLSBAD LEASE
AREA INTERESTS

1. UNIT AGREEMENT NAME
2. FARM OR LEASE NAME
B. V. Lynch "A" Federal
3. WELL NO.
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10. FIELD AND POOL OR WILDCAT
Lynch-Yates-7 Rivers-Queen
11. SEC. T. R. MA OR BLK. AND SURVEY OR AREA
34-205-34E
12. COUNTY OR PARISH, 13. STATE
Lea NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:
WATER SHUT OFF, PUMP OR AIR LIFT, WATER SHUT IN, REPAIRING WELL
PLUG BACK TAG, NEW TUBE COMPLETION, TREATED TREATMENT, ALTERING CASING
COST OF ACIDIZING, ABANDONMENT, SUCCESSION OF OWNERSHIP, ABANDONMENT*
REPAIR WELL, RECOMPLETION
OTHER: _____

17. Describe in detail the operations conducted, including state of pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is functionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.*
1) MIRU. TOH w/pump and rods. NU EOP. TOH w/production tubing. Ran 4 3/4" bit, 5 1/2" scraper, on w/s to 3640'. TOH. TIH w/5 1/2" RBP and packer on 2 7/8" w/s. Set plug at 3625'. Pressure test casing, held OK.
2) TOH. Ran 4 3/4" bit tag at 3689'. TOH. TIH w/5 1/2" cement retainer on 2 7/8" w/s to 3630'. Set retainer. Pressure BS 500#, est. rate 3-5 BPM, 200#, pump 25 sxs. Class "H" neat, 5 BFW, 2000 gallons Aqua Fix, 2 1/2 BFW, 100 sxs Class "H" displace w/21 BFW, stage last 10 BW. Did not squeeze. Pump 20 sxs. Class "H", 3 BFW, 2000 gallons Aqua Fix, 3 BFW, 100 sxs. Class "H" w/2% CaCl. Flush w/10 BFW. Form squeeze at 2100#. Sting out retainer. Rev. 10 bbls. scurry to surface.
3) TOH. 4" casing gun perf Yates zone, 2 SPI at 3560', 63, 66, 69, 75, 78, 81, 84, 3587', 89, 96, 3602', 06, 09, 12, 15, 19 (17 Int, 34 holes). TIH packer on 2 7/8" w/s set at 3464'.
4) Acidize 5 1/2" perfs at 3560'-3619' w/2000 gallons 15% NEFE, 20 BS, flush w/24 BFW. Formation break 2200#-1900# w/1 bbl. acid., good ball action. 2000# AVG Press. 3.6 BPM AIR, 1400# ISIP. SI 2 hours. Tubing pressure 900#.
5) RU swab. Swab 3 BW. Release packer, TOH. Perf casing 2 JSPI, 3462', 55, 67, 70, 75, 79, 82, 86, 92, 95, 98, 3505', 07, 10, 13, 18, 20, 22, 26, 30, 33, 38, 43 (23 Int., 46 holes). TIH w/5 1/2" RBP and packer. Set plug at 3550', packer at 3368'. (OVER)

18. I hereby certify that the foregoing is true and correct
SIGNED Al Head TITLE Hobbs Area Superintendent DATE Sept. 3, 1987

(This space for Federal or State office use)
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____
ACCEPTED FOR RECORD
SEP 10 1987

*See Instructions on Reverse Side

CARLSBAD, NEW MEXICO

Instructions

General: This form is designed for submittals, proposals to be formed, certain well operations and reports of such operations when completed on Federal and Indian lands pursuant to applicable Federal law and regulations, and if approved by the BLM, set by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with respect to local, area, or regional procedures and practices, either are shown below or will be mailed to you by the BLM, or may be obtained from the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian lands shall be described in accordance with Federal requirements. (See applicable State or Federal office for specific instructions.)

Item 17: Proposals to abandon a well and subsequent reports of abandonment shall include as much detailed information as is required by local Federal and/or State laws. In addition, such proposals and reports shall include reasons for the abandonment, such as: (1) lack of present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; (2) depths (top and bottom) and location of the well; (3) cement plugs; and/or other material placed below, above, or around the well; (4) amount, size, method of placing of any casing, liner or tubing placed in the hole; (5) method of sealing top of well; and date well was abandoned. (See applicable State or Federal office for specific instructions.)

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- 6) Acidize casing perfs 3462'-3543' w/2500 gallons 15% NEFE, 30 BS, flush 24 BFW. Form break at 1900#. AVG. Press. 1800#, AIR 4.0 BPM, ISIP 1200#. SI 2 hours. TOH w/packer and plug. TIH w/packer on 2 7/8" w/s set packer at 3368'.
- 7) Frac casing perfs 3462'-3619' w/77,000 gallons 30% N-Linked gelled 2% KCL, 170,000# 20/40 sand, in 2 stages, 1-5 ppg 20/40 sand with 41 BS between stages. Max. press. 4050, AIR 27 BPM, ISIP 1700#, good ball action.
- 8) SI 20 hours tubing pressure 600#. Release packer, tag sand at 3600'. Clean out to 3630' PBTD. TIH w/production equipment.
- 9) ND BOP. TIH w/pump on. RDPU. Potential test

PERFORMANCE

The Payable Act of 1980 and regulations thereunder require that you file the following information in connection with an application for this application:

AUTHORITY: 30 U.S.C. 191 et. seq.; 30 CFR 120.101-120.106; 43 CFR 3160.1-3160.106. The information to be included, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures for the proposed or completed well operations; (2) Determine if the proposed or completed well operations covered by 43 CFR 3160.101-106 are in compliance with applicable laws or modify operations in light of data obtained and filed in 43 CFR 3160.101-106; (3) Determine if the record and/or the report will be transmitted to appropriate Federal, State, local or foreign agencies, when relevant to environmental, health, safety, or other requirements.

EFFECT: On FOT PRODUCTION, the BLM will review the report and report and determine if the information is satisfactory and if a well is to be drilled.

The Paycheck Reduction Act of 1980 (43 U.S.C. 1901-1906) requires you to inform you that:

This information is being collected in order to evaluate the proposed and/or completed secondary well operations and to determine if a well is to be drilled.

This information will be used to report to the appropriate agencies, when work is completed and when requested to obtain approval for the well operations and previously submitted.

Reference to this report is mandatory for the submission of activities specified in 43 CFR Part 3160.

Pump 10 BO, 18 BW, Gas ISM, 29.8 Gravity.
Production prior to W/O, TA.