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Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
LC-067229-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
M.T. KEOHANE FEDERAL #3

9. API Well No.
30-025-29982

10. Field and Pool, or Exploratory Area
MESCALERO ESCARPE BONE SP

11. County or Parish, State
LEA COUNTY, NEW MEXICO

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Texaco Exploration and Production Inc.

3. Address and Telephone No.
P.O. Box 730, Hobbs, NM 88240 505-393-7191

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
UNIT LETTER D, 330' FNL & 990' FWL
SEC. 14, T-18-S, R-33-E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other METHOD OF WATER DISPOSAL	☐ Dispose Water

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

13. 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.)

IN REPLY TO NOTICE OF INCIDENTS OF NONCOMPLIANCE NUMBER ASC-72-93, INSPECTOR ANDY CORTEZ
DETAILS OF WATER DISPOSAL:

- (A) PRODUCING FORMATION: Mescalero Escarpe Bone
- (B) AMOUNT OF WATER PRODUCED PER DAY: App 125 barrels per day
- (C) CURRENT WATER ANALYSIS ATTACHED
- (D) WATER STORAGE: 500 barrel metal tank
- (E) WATER MOVED BY: Water transfer pump which pumps water down a 3 1/2" buried salt water disposal line to tie into Santa Fe Exploration Company's injection station located in Unit Ltr P, Sec 13, T-18-S, R-33-E, Lea County, N.M.
- (F) PITS: No pits involved in this method of water disposal

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

Signed [Signature] Title ENGINEER'S ASSISTANT Date 7-21-93

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted 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 regard to local, area, or regional procedures and practices, either are shown below or will be issued by, 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 land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is to be used to evaluate, 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 used during the proposed or completed subsequent well operations. (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2). (3) Analyze future applications to drill or modify operations in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

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Unichem International

707 North Leech

P.O.Box 1499

Hobbs, New Mexico 88240

Company : TEXACO INC.

Date : 07-20-1993

Location: Mt. Keohane - Well #1 (on 7-16-1993)

Specific Gravity:	Sample 1
Total Dissolved Solids:	1.146
pH:	204564
IONIC STRENGTH:	6.20
	3.703

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CATIONS:		me/liter	mg/liter
Calcium	(Ca+2)	284	5680
Magnesium	(Mg+2)	36.0	437
Sodium	(Na+1)	3190	73300

ANIONS:			
Bicarbonate	(HCO3-1)	4.80	293
Carbonate	(CO3-2)	0	0
Hydroxide	(OH-1)	0	0
Sulfate	(SO4-2)	60.4	2900
Chloride	(Cl-1)	3440	122000

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SCALING INDEX (positive value indicates scale)

Temperature		Calcium Carbonate	Calcium Sulfate
86[F	30[C	0.37	16
110[F	43[C	1.1	16
130[F	54[C	1.4	16
140[F	60[C	1.6	16
160[F	71[C	2.0	15

Comments:

cc: Jay Brown

Joe Hay

Analysis done by Bob Wallace