

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL:
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR: Texaco

3. ADDRESS OF OPERATOR: 3300 North Butler Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.):
At surface: 1140' FSL - 1060' FWL
At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE:
3 1/2 miles west of Bloomfield, NM

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drive, unit line, if any): 1060'

16. NO. OF ACRES IN LEASE: 628.71 640

17. NO. OF ACRES ASSIGNED TO THIS WELL: W/ 320.18

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 400'

19. PROPOSED DEPTH: 1610'

20. ROTARY OR CABLE TOOL: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5494' GL

22. APPROX. DATE WORK WILL BE COMPLETED: August 15, 1990

23. PROPOSED CASING AND CEMENTING PROGRAM: DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED GENERAL REQUIREMENTS

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	GENERAL REQUIREMENTS
11"	8 5/8"	24#, K-55	370'	302 cuft/circ to surface
7 7/8"	5 1/2"	15.5#, J-55	1610'	435 cuft/circ to surface

Propose to spud in the San Jose formation. Will drill an 11" hole to a TD of 370'. Run and cement surface casing with cement returns to surface. WOC 12 hours. Test to 1500 psi/30 min. Drill a 7 7/8" hole to a TD of 1610' using fresh water mud. No Poisonous gases are anticipated. Adequate weight material will be on location to control flows from the Farmington sands. Run logs at TD. Run and cement production casing with cement returns to surface. WOC 12 hours. Move out drilling rig and move in completion unit. Pressure test to 3000 psi/30 mins. prior to completion. Run cased hole correlation and cement bond logs. Perforate Fruitland coals and stimulate using a fresh water based gel or foam system

RECEIVED
AUG 28 1990

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new prod zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface location, magnetic log, and vertical depths. Give oil preventer program, if any.

SIGNED: Alan A. Klein TITLE: Area Manager DATE: 8-13-90

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE: AUG 24 1990

APPROVED BY: Ken Townsend TITLE: NMOCD FOR: AREA MANAGER

BLM original & 5 copies RSL - 1 copy AAK - 1 copy MLK - 1 copy CPB 1-copy MAG-1-copy

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer 00, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator TEXACO			Lease H.J. Loe Federal B		Well No. 5
Unit Letter M	Section 23	Township 29 North	Range 12 West	County NMNM	San Juan
Actual Footage Location of Well: 1140 feet from the South line and 1060 feet from the West line					
Ground level Elev. 5494'	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal		Dedicated Acreage: 320.18 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hectare marks on the plat below.

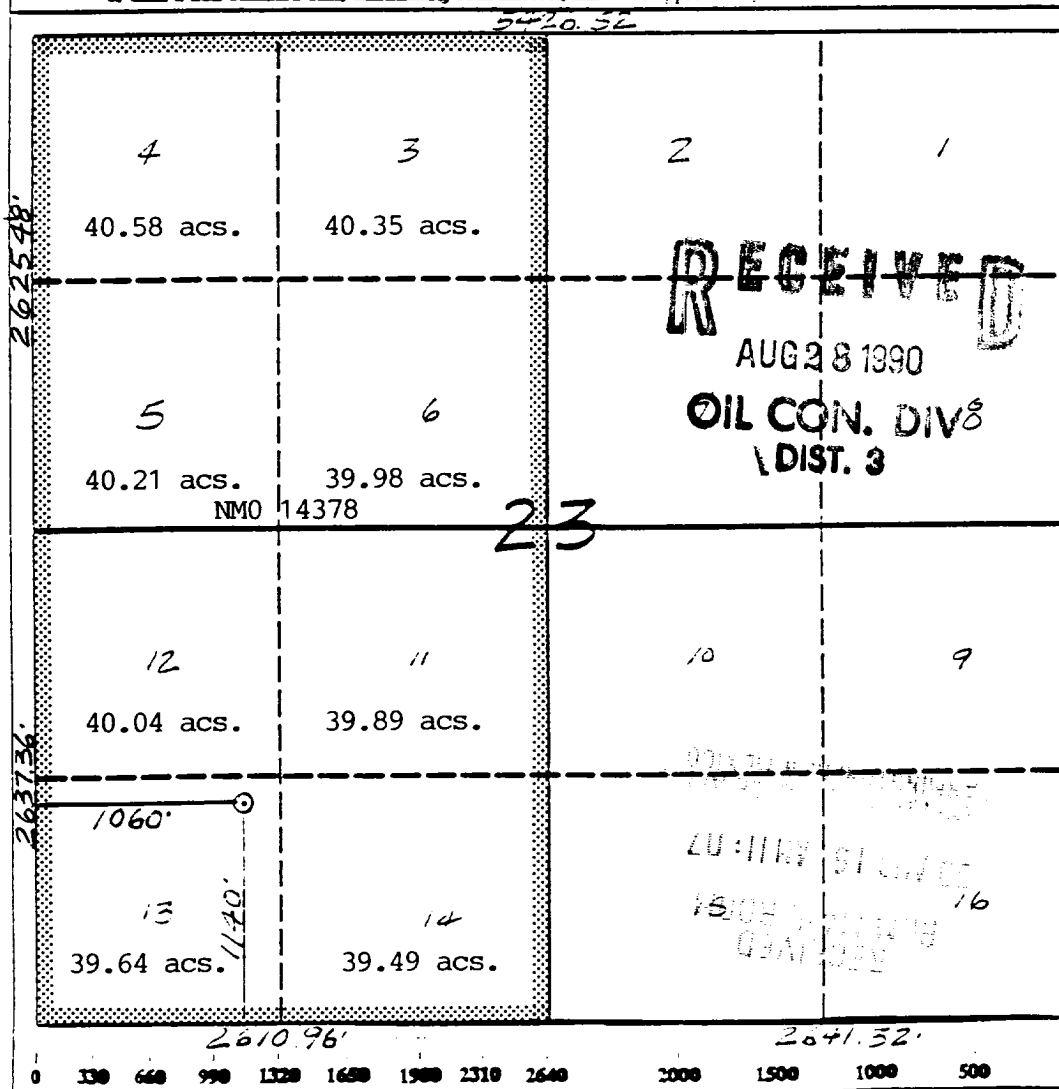
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☐ Yes ☐ No If answer is "yes" type of consolidation

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, encompassing such interest, has been approved by the Division.



OPERATOR CERTIFICATION

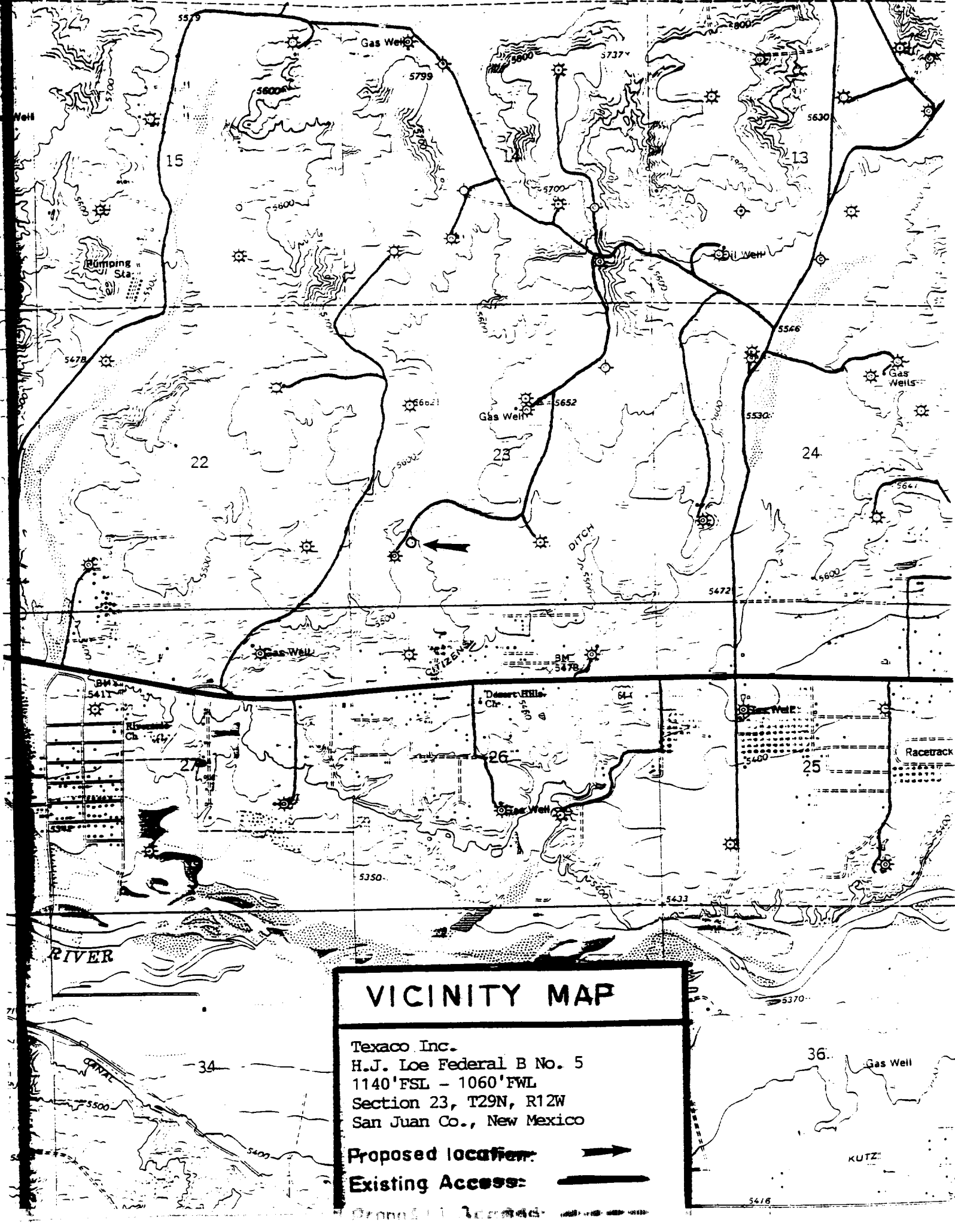
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
Alan A. Kleier
Printed Name
Alan A. Kleier
Position
Area Manager
Company
Texaco
Date
8-13-90

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
7-9-90
Signature of Surveyor
Professional Surveyor
NEW MEXICO
6857
6857
Certification Number
Neale J. Edwards



VICINITY MAP

Texaco Inc.
H.J. Loe Federal B No. 5
1140'FSL - 1060'FWL
Section 23, T29N, R12W
San Juan Co., New Mexico

Proposed location: 
Existing Access: 