

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

Fed. Le. NM-053646-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

C. Elliott Federal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Jal-Strawn Gas

West

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 8, T258-R36E

12. COUNTY OR PARISH 13. STATE

Lea

New Mexico

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 Inc.

3. ADDRESS OF OPERATOR

P. O. Box 3100, Midland, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

At proposed prod. zone
1980' FSL & 1980' FEL, Section 8

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

2 miles Southwest of Cooper, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1980'

16. NO. OF ACRES IN LEASE

2402.46

17. NO. OF ACRES ASSIGNED
TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1st well

19. PROPOSED DEPTH

12,200'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

22. APPROX. DATE WORK WILL START*

23. Not available

At once

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#, 27.1#	350'	350* 300% vol. to circulate
12 1/4"	9 5/8"	32#, 36#	5,100'	1800** 250% vol. to circulate
8 3/4"	7"	17#	11,350'	1800*** 150% vol. to tie into 9 5/8" casing
6 1/4"	4 1/2"	11.60#	11,250-12,200'	200*** 150% circulate

*Cement with 350 sx Incor neat containing 2% calcium chloride.

**Cement with 1600 sx Trinity lite wate plus 200 sx Incor neat.

***Cement with 1000 sx Trinity lite wate plus 800 sx Incor 4% gel.

***Cement with 200 sx Incor 4% gel containing friction reducer and retarder.

FORMATION TOPS EXPECTED

Anhydrite	1350'	Bone Spring	7780'
Top of Salt	1475'	Wolfcamp	10,830'
Base of Salt	3569'	Strawn	11,350'
Yates	3649'	Atoka	12,100'
Delaware Mtn. gp.	5100'	Total Depth	12,200'

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

24.
SIGNED W. M. Bumpass TITLE Senior Civil Engineer DATE 7/21/65
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws 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 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

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 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

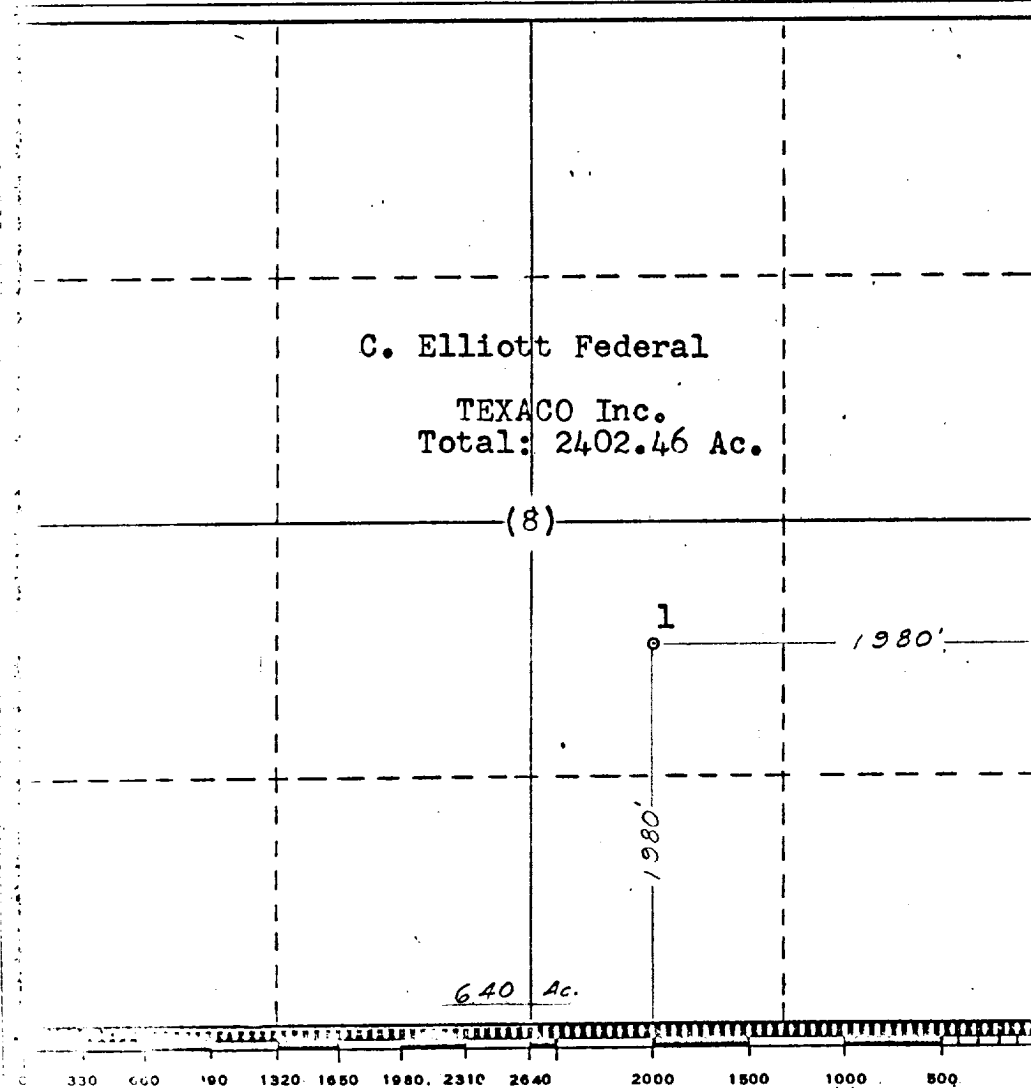
Operator TEXACO Inc.			Lease C. Elliott Federal		Well No. 1
Section Letter J	Section 8	Township 25 South	Range 36 East	County Lea	
Location of Well: 1980 feet from the South line and 1980 feet from the East line Sec. 8					
Sound Level Elev: Not Available	Producing Formation Strawn	Pool West Jal-Strawn Gas	Dedicated Acreage: 640 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests 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, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name
W. M. Bumpass
Position
Senior Civil Engineer
Company
TEXACO Inc.

Date
7/21/65

I hereby certify that the well location shown on this plat was plotted from field notes of 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
7/21/65
Registered Professional Engineer and/or Land Surveyor

W. M. Bumpass
Certificate No.

4882

COUNTY	LEA	FIELD	Jal, West-Strawn	STATE	NM
OPR	TEXACO INC.				MAP
1 Elliott-Federal "C"					
Sec. 8, T-25-S, R-36-E					CO-ORD
1980' fr S & E Lines of Sec.					
Spd 8-13-65		CLASS		B [REDACTED]	
Cmp 11-18-65		FORMATION	DATUM	FORMATION	DATUM
CSG & SX - TUBING					
11 3/4"	370'	500			
8 5/8"	5100'	1600			
5 1/2"	11396'	1100			
2 7/8"	12272'	200			
LOGS EL GR RA IND HC A					
TD 12276', PBD 12264'					

IP Strawn Perfs 11949-12072' Flwd 72 BOPD. Pot. Based on 24 hr test thru 18/64" chk., TP 150#, Gravity 41.3, GOR 764.

Distribution limited and publication prohibited by subscribers' agreement.
Reproduction rights reserved by Williams & Lee Scouting Service, Inc.

CONT. PROP DEPTH 12,200' TYPE
DATE

F.R. 7-29-65
PD 12,200' - Strawn
Contractor - Sharp Drlg. Co.
8-16-65 TD 370', WOC.
8-23-65 Drlg. 3890'.
8-30-65 Drlg. 5102'.
9-7-65 Drlg. 8226'.
9-13-65 Drlg. 9869'.
9-20-65 TD 11093', on DST #1.
9-27-65 TD 11400', prep to drill.
DST 10984-11093', open 1 hr,
GTS 8 mins,
rec 380' GCM, w/sli show oil,
1 hr 1SIP 1079#, FP 164-141#,
1 hr FSIP 610#.
10-4-65 TD 11528', on DST.

10-11-65 TD 11660', mixing mud.
 DST 11396-528', open 2 hrs,
 Rec 2000' WB + 6000' Drig Mud,
 1 hr TSIP 7483#, FP 2505-3245#,
 1 hr PSIP 7462#.
10-18-65 Drig. 11806'.
10-25-65 Drig. 11968' lm & sh.
11-1-65 Drig. 12170' lm & sh.
11-8-65 TD 12285', PSD 12260', MC Rotary.
11-15-65 TD 12276' (Corr.), PSD 12264' (Corr.),
 Testing.
 Perf @ 11949', 11972', 11990', 12001',
 12032', 12040', 12046', 12082', 12088',
 12072' W/D SPI
 Ac. 500 gals.

 Sybd 28 BWC + 41 BW in 11 hrs.
 Re-Ac. 5000 gals. 11949-12072'
 Sybd 8 BW + 21 BWC + 19 BW in 41 hrs.
11-22-65 TD 12276', PSD 12264', COMPLETED.
 LOG COPY: Yates 800', Delaware Mountain
 3-88', Stone Spring 8040', Whitcamp 11086',
 Savannah 11880'.