ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

5A. Indicate Type of Lease STATE [X] FEE [ ]

5. State Oil & Gas Lease No. OG-4067-1

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well: DRILL [ ] DEEPEN [ ] PLUG BACK [X]
OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

7. Unit Agreement Name

8. Farm or Lease Name: N. M. State "CV"

2. Name of Operator: Texaco Inc.

9. Well No.: 1

3. Address of Operator: P. O. Box 728, Hobbs, New Mexico 88240

10. Field and Pool, or Wildcat: Osudo, Bone Springs

4. Location of Well: UNIT LETTER I LOCATED 1980 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE OF SEC. 36 TWP. 20-S RGE. 35-E NMPM

12. County: Lea

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
7927'	Bone Springs	Pulling Unit

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3661' DF	Blanket		September 15, 1986

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	27#	364'	550	Circulated
12-1/2"	9-5/8"	36#	5500'	2500	Circulated
8-5/8"	4-1/2"	11.6#	11,620'	1200	9400'

This well is presently completed in the Atoka. This zone will be abandoned.

1. MIRU. Install BOP. Release packer. POH.
2. Go in hole w/4-1/2" CIBP, set @ 10,700'. Dump 35' cement on top.
3. Test CIBP to 500#.
4. GIH w/2-3/8" workstring to 10,622'. Pump mud (25 lbs. gel per Bbl. of 10# Brine). Spot from 10,662' to PBTD to 7960'. POH.
5. Go in hole with perforating gun. Perf @ 7960' w/two shots. GIH w/4-1/2" cmt retainer and set @ 7930'.

Continued on Page 2

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed L J Seeman Title L. J. Seeman Dist. Petr. Engr. Date 7/29/86

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE AUG 4 1986 DATE

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO STATE "CV" WELL NO. 1
LEA COUNTY, NEW MEXICO

6. GIH w/2-3/8" workstring to 7930'. Circulate hole full of water. Sting into retainer. Establish injection rate and squeeze perfs w/125 sacks Class "H" cement (1.18 Ft3/sx, 15.6 PPG). Flush w/45 Bbls water. (Maximum squeeze pressure 350 PSI).

7. Sting out of retainer, reverse circulate excess cement. POH.

8. GIH w/temperature tool. Locate TOC.

9. If TOC not higher than 7750', perf. @ 7680', set 4-1/2" cement retainer @ 7650', load hole w/water, squeeze w/125 sacks Class "H" cement (Maximum squeeze pressure 3500#) and proceed to Step #10. Otherwise go to Step #13.

10. Sting out of retainer. Reverse circulate. POH.

11. Rig up reverse unit. GIH w/3-3/4" bit, drill out cement and cement retainer. Clean out to PBTD 7927'. POH.

12. Test casing to 500 PSI. (Re-squeeze if necessary).

13. GIH w/2-3/8" tubing and 4-1/2" packer. Test tubing to 8000 PSI while going in hole.

14. Spot 80 gallons acetic acid 7857-7730'. Pull up to 7700' and set packer. Land tubing. Nipple down BOP's. Nipple up x-mas tree.

15. GIH w/CCL and 1-9/16" through-tubing guns. Perforate w/2 JSPI 7806', 11, 18, 22, 26, 32, 35, 38, 40, 43, 47, 50, 52, 54 and 7857'.

16. Swab test well to frac tank.

17. Acidize perfs 7806' - 7857' w/5000 gallons 15% NE-FE. Flush w/48 barrels water (Maximum rate and pressure: 5 BPM, 5000 PSI).

18. Swab/flow back load and evaluate.

19. If necessary, set up additional frac tank and fracture formation w/12,000 gallons gelled acid and 12,000 gallons pad. (Maximum rate and pressure: 20 BPM, 6500 PSI).

20. Shut well in for 2 hours.

21. Bleed pressure off slowly. Swab/flow back load.

22. Test well

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

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

Operator	Lease	Well No.
Texaco Inc.	New Mexico State "CV"	1

Unit Letter	Section	Township	Range	County
I	36	20-S	35-E	Lea

Actual Footage Location of Well:
1980 feet from the South line and 660 feet from the East line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3661 (DF)	Bone Springs	Osudo, Bone Springs	40 Acres

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

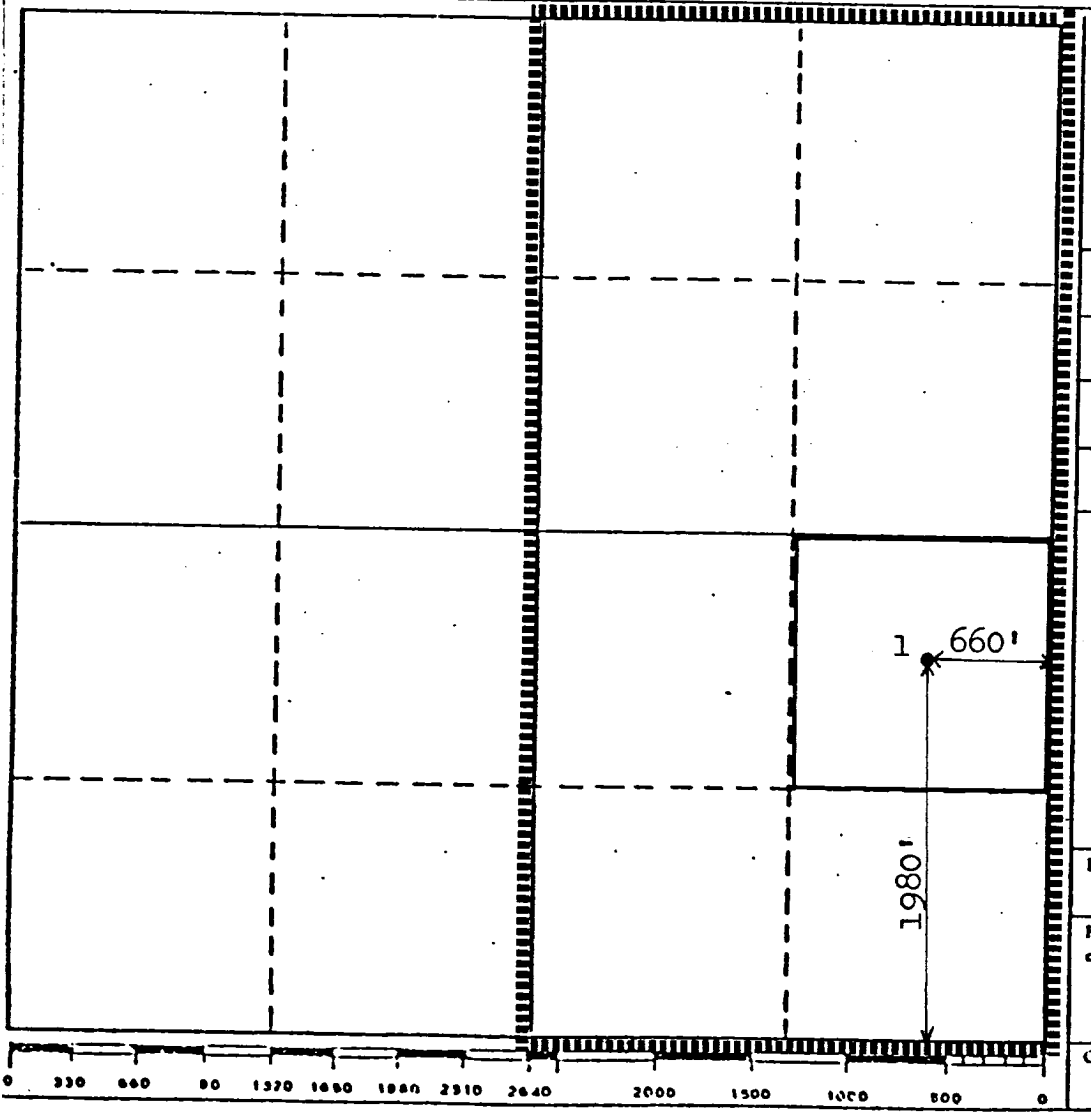
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 Division.



CERTIFICATION

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

L. J. Seeman

Name: L. J. Seeman

Position: Dist. Petr. Engr.

Company: Texaco Inc.

Date: July 29, 1986

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

Registered Professional Engineer and/or Land Surveyor

Certificate No.