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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

| | |
|---|------------------------------|
| 5A. Indicate Type of Lease | |
| STATE <input checked="" type="checkbox"/> B-959-1 | FEE <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. | |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | |
|--|--|---|
| 1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | 7. Unit Agreement Name |
| b. Type of Well <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 8. Name of Lease <input checked="" type="checkbox"/> State <input checked="" type="checkbox"/> New Mexico |
| 2. Name of Operator TEXACO INC. % MR. DARRELL SMITH | | 9. Well No. 4 |
| 3. Address of Operator P. O. Box 3109, Midland, Texas 79701 | | 10. Field and Pool, or Wildcat |
| 4. Location of Well 660' UNIT LETTER East LOCATED 13 FEET FROM THE 17-5 34-E LINE | | 11. Field and Pool, or Wildcat |
| AND 660' FEET FROM THE LINE OF SEC. 13 TWP. 17-5 RGE. 34-E NMPM | | 12. Lease |
| 19. Proposed Depth 8800 | | 19A. Location Abbo |
| 20. Proposed Rotary | | 20. Proposed Rotary |
| 21. Elevation (Show whether DE, RT, etc.) 4071.5 ft | | 21B. Drilling Contractor Unknown |
| 22. Approx. Date Work will start At once | | |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|---------------------------------|
| 11 | 8 5/8 | 24 | 1800' | ** 750 | 250% to Circulate |
| 7 7/8 | 5 1/2 | 14, 15.5, 17 | 8800' | *** 900 | 150% to bring Cmt. top to 3500' |

* 20 sx Redimix Cement (250% to circulate)

** 500 sx TLW + 4% Gel mixed at 11.9 ppg followed by 250 sx class C + 1% CaCl 14.8 ppg. (250% to circulate)

*** 600 sx TLW 12 ppg followed by 300 sx Class C + 10#/sk salt 16.8 ppg (150% to bring cement top to 3500')

FORMATION TOPS EXPECTED

| | | | |
|-----------------|-------|-------------|-------|
| San Andres | 4615' | Abbo Pay | 8525' |
| Glorieta | 6025' | Total Depth | 8800' |
| Abbo Pay Market | 8495' | | |

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 J. J. Velten Title Division Civil Engineer Date September 2, 1971

APPROVED BY [Signature] TITLE DISTRICT I DATE SEP 7 1971

CONDITIONS OF APPROVAL, IF ANY:

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SEP 3 1971

OIL CONSERVATION COMM.
HOUSTON, TEXAS

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PL

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

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

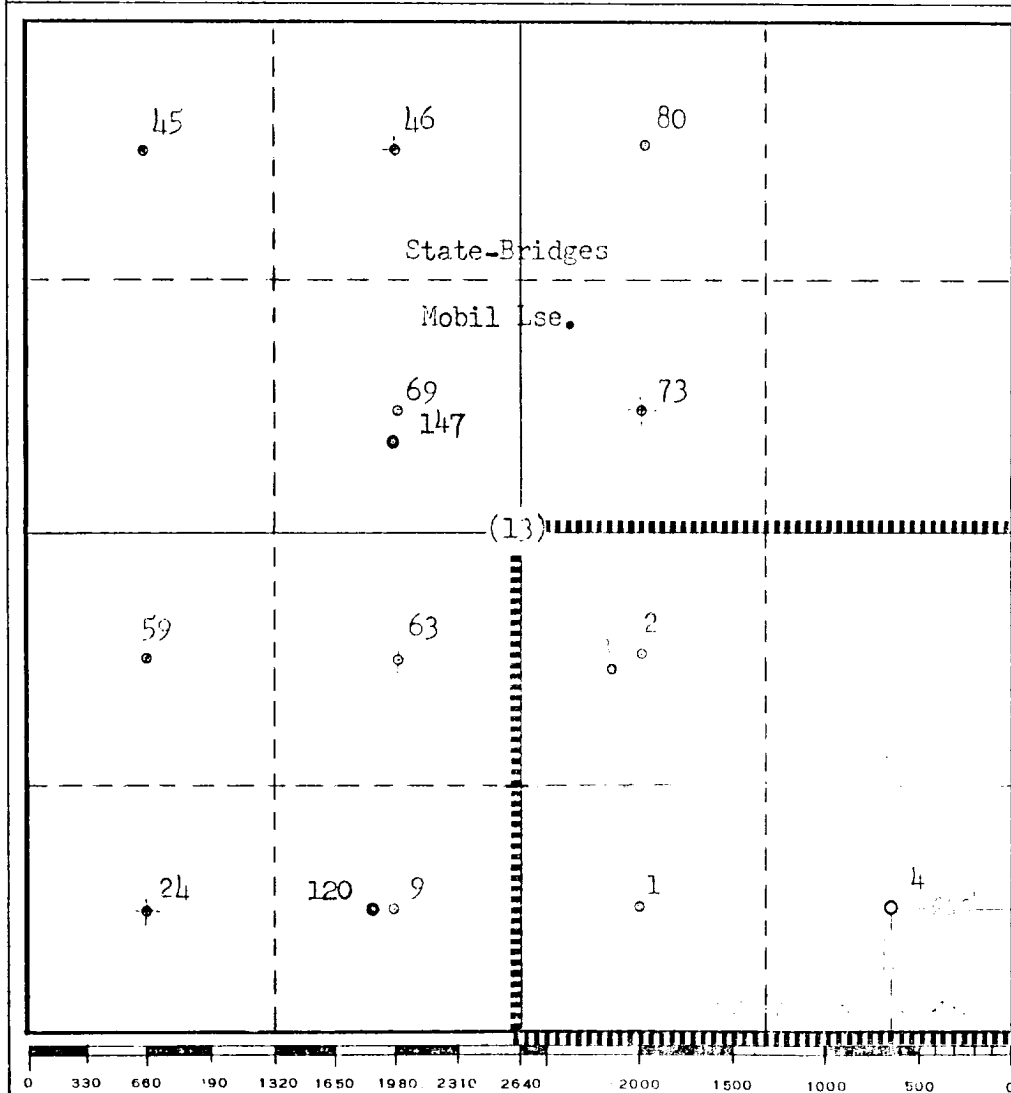
| | | | | | |
|-----------------------------------|----------------------------|------------------------------|---------------------------------------|---------------|---------------|
| Operator TEXACO Inc. | | | Lease New Mexico "Oil" State NCT-1 | | Well No. 4 |
| Unit Letter P | Section 13 | Township 17 South | Range 31 East | County Lea | |
| Actual Footage Location of Well: | | | | | |
| 660' feet from the South line and | | 660' feet from the East line | | Sec. 13 | |
| Ground Level Elev. 4021.5 | Producing Formation Abo | Pool Vacuum Abo North | Dedicated Acreage: 80 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 | J. J. Velten |
| Position | Division Civil Engineer |
| Company | TEXACO Inc. |
| Date | 9/2/71 |
| 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 | 8/24/71 |
| Registered Professional Engineer and/or Land Surveyor | J. J. Velten |
| Certificate No. | 8174 |

Handwritten:
1971/18
Friedrich
Klein

Handwritten:
11/1

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SEP 2 1971

OIL CONSERVATION COM. AL
WASHINGTON, D. C.