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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"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-3936-1	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		8. Farm or Lease Name NCT-4	
c. Name of Operator Texaco Inc.		9. Well No. 4	
3. Address of Operator P. O. Box 3109, Midland, Texas 79701		10. Field and Pool, or Wildcat Vacuum Abo Reef	
4. Location of Well UNIT LETTER A LOCATED 919 FEET FROM THE North LINE AND 401 FEET FROM THE East LINE OF SEC. 10 TWP. 18-S RSE. 34-E NMPM		12. County Lea	
19. Proposed Depth 9050		15A. Formation Abo Reef	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DE, RT, etc.) 4015 GL	
21A. Kind & Status Plug. Bond \$10,000 Blanket		21B. Drilling Contractor Unknown	
22. Approx. Date Work will start At Once			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
16"	13 3/8"	48#	40'	*25	200% to Circulate
11"	8 5/8"	24#	1830'	**800	250% to Circulate
7 7/8"	5 1/2"	17#, 15.5#, 17#	9050'	***1400	150% to Tieback to 1800'-Not Required

*25 sx. Class "C" + 2% CaCl₂ or Redi-Mix Cement (200% to Circulate)

**600 sx. TLW, 12 PPG. Followed by 200 sx. Class "C" + 2% CaCl₂, 14.8 PPG (250% to Circulate - Must Circulate)

***1200 sx. TLW, 12 PPG. Followed by 200 sx. Class "C" + 10# Salt/sx., 14.8 PPG (150% to Tieback to 1800'-Not Required)

NOTE: Well No. 2 will be sealed upon completion of this well.

Blowout Preventer (See Exhibit "B"). Will be installed after surface pipe set at 1830'.

Formation Tops Expected

Anhydrite	1800'
San Andres	4870'
Abo Reef	8752'
Total Depth	9050'

APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED

Dec. 15, 1975 EXPIRES

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 C. H. Moore Title Asst. Div. Petr. Engr. Date September 10, 1975

(This space for State Use)

APPROVED BY John W. Runyan TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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.

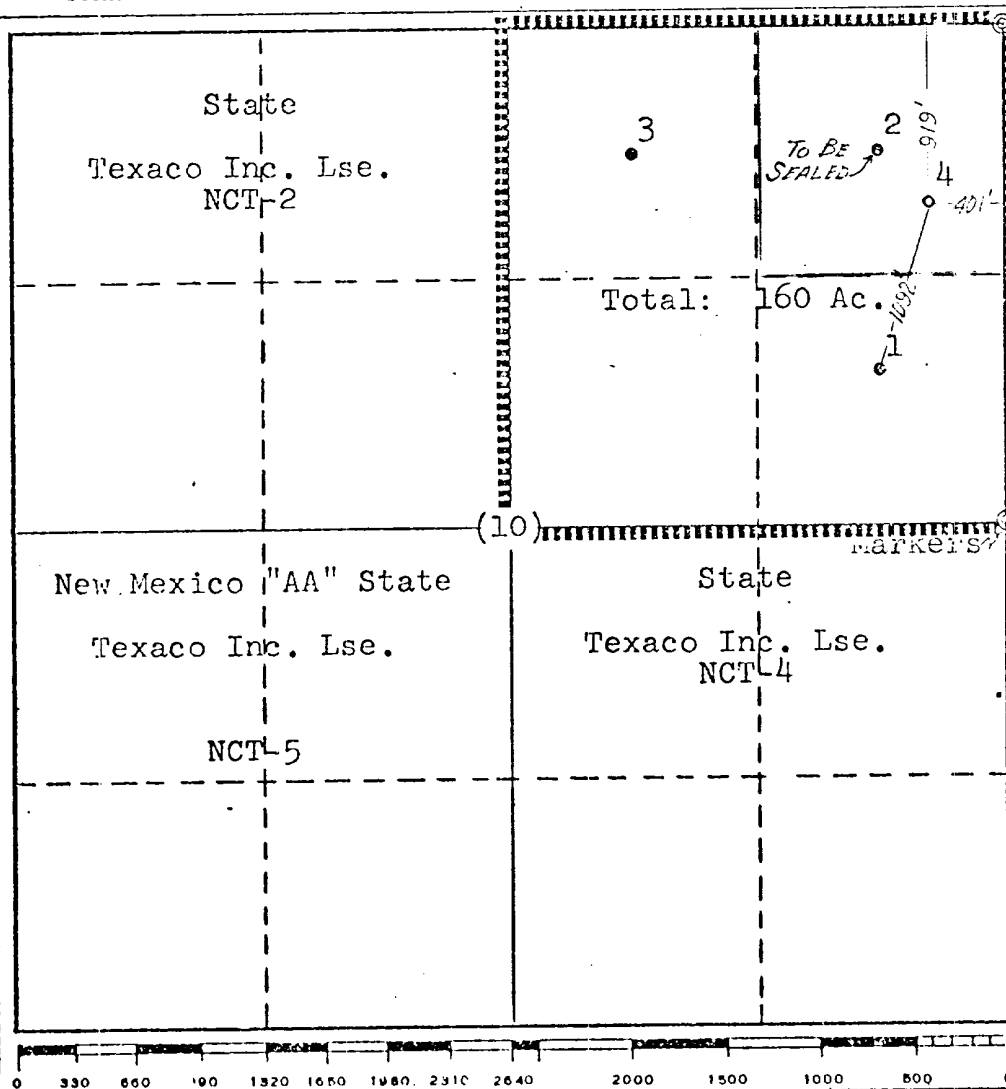
Operator Texaco Inc.		Lease New Mexico "AA" State NCT-4		Well No. 4	
Unit Letter A	Section 10	Township 18-S	Range 34-E	County Lea	
Actual Footage Location of Well: 919 feet from the North line and 401 feet from the East line Sec. 10					
Ground Level Elev. 4015'	Producing Formation Abo Reef		Pool Vacuum Abo Reef		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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
B. L. Eiland

Position
Registered Land Surveyor

Company
Texaco Inc.

Date
September 10, 1975

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
August 29, 1975

Registered Professional Engineer and/or Land Surveyor
B. L. Eiland

Certificate No.
4386

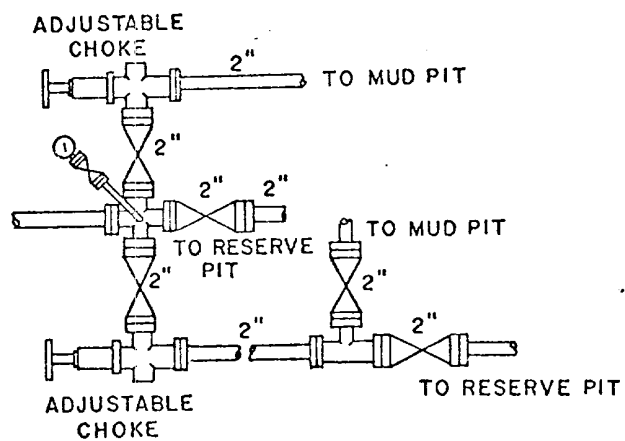
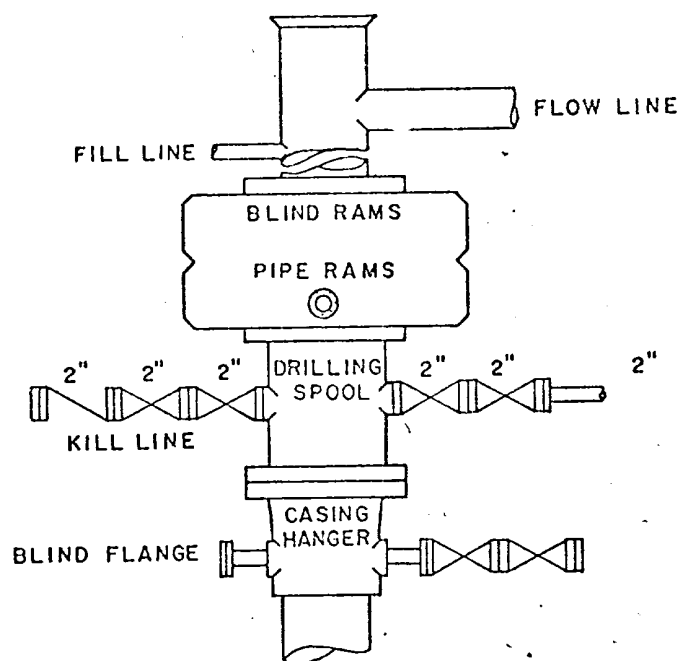
SCALE: NONE
DATE
EST. NO.
DRG. NO.



TEXACO, INC.
PRODUCING DEPARTMENT-U.S. (EAST)
MIDLAND, TEXAS



EXHIBIT "B"
New Mexico "AA" State



SCALE: NONE	DATE	EST. NO.	DRG. NO.
DRAWN BY JWD			
CHECKED BY RDW			
APPROVED BY			



TEXACO, INC.
PRODUCING DEPARTMENT-U.S. (EAST)
MIDLAND, TEXAS



EXHIBIT "B"
New Mexico "AA" State