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SANTA FE, NEW MEXICO 87501

SA. Indicate Type of Lease

STATE ☒FEE ☐

5. State Oil & Gas Lease No.

B-1113-1

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Texaco Producing Inc.		8. Farm or Lease Name Central Vacuum Unit
3. Address of Operator P. O. Box 728, Hobbs, New Mexico 88240		9. Well No. 166
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>709</u> FEET FROM THE <u>N</u> LINE AND <u>1147</u> FEET FROM THE <u>W</u> LINE OF SEC. <u>6</u> TWP. <u>18-S</u> RGE. <u>35-E</u> NMPM		10. Field and Pool, or Wildcat Vacuum Grayburg-SA
		12. County Lea
		19. Proposed Depth 4720'
		19A. Formation Grayburg-SA
		20. Rotary or C.T. Rotary
1. Elevations (show whether DF, KI, etc.) 3980' GR		21A. Kind & Status Plug. Bond Blanket
		21B. Drilling Contractor
		22. Approx. Date Work will start January, 1986

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
24"	20"	94#	350'	700	Circulate
17-1/2"	13-3/8"	48#	1550'	1150	Circulate
12-1/4"	9-5/8"	1800'-32.3# 1000'-36.0#	2800'	1600	Circulate

8-1/2" 7" 23# 4300' 750 Circulate
Below 7" casing to TD will be drilled with 6-1/8" bit and completed open hole.

CEMENTING PROGRAM

SURFACE CASING: 700 sxs Class "H" with 2% CaCl and 1/4# flocele (15.6 ppg, 1.18 cu.ft./sx.).

1ST INTEREMEDIATE CASING: 900 sxs 50/50 Pozmix Class "H" with 2% CaCl, 1/4# flocele (14.15 ppg, 1.26 cu.ft./sx.) followed by 250 sxs Class "H" with 2% CaCl, 1/4# flocele (15.6 ppg, 1.18 cu.ft./sx.).

2ND INTERMEDIATE CASING: 1ST STAGE: 750 sxs 50/50 Pozmix Class "H" with 10# salt (14.15 ppg, 1.28 cu.ft./sx.) followed by 250 sxs Class "H" with 2% CaCl (15.8 ppg, 1.18 cu.ft./sx.). 2ND STAGE: 600 sxs Class "H" with 2% CaCl (15.8 ppg, 1.18 cu.ft./sx.). (ECP @ 1560'. DV Tool above ECP.)

PRODUCTION CASING: 500 sxs 50/50 Pozmix Class "H" with 1/4# flocele (14.15 ppg, 1.28 cu.ft./sx.) followed by 250 sxs Class "H" with 1/4# flocele (15.8 ppg, 1.18 cu.ft./sx.).

ON 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 W. A. Baker, II Title District Drilling Manager Date October 23, 1985

(This space for State Use)

Eddie W. Seay

APPROVED BY Oil & Gas Inspector

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway

DEC 9 - 1985

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

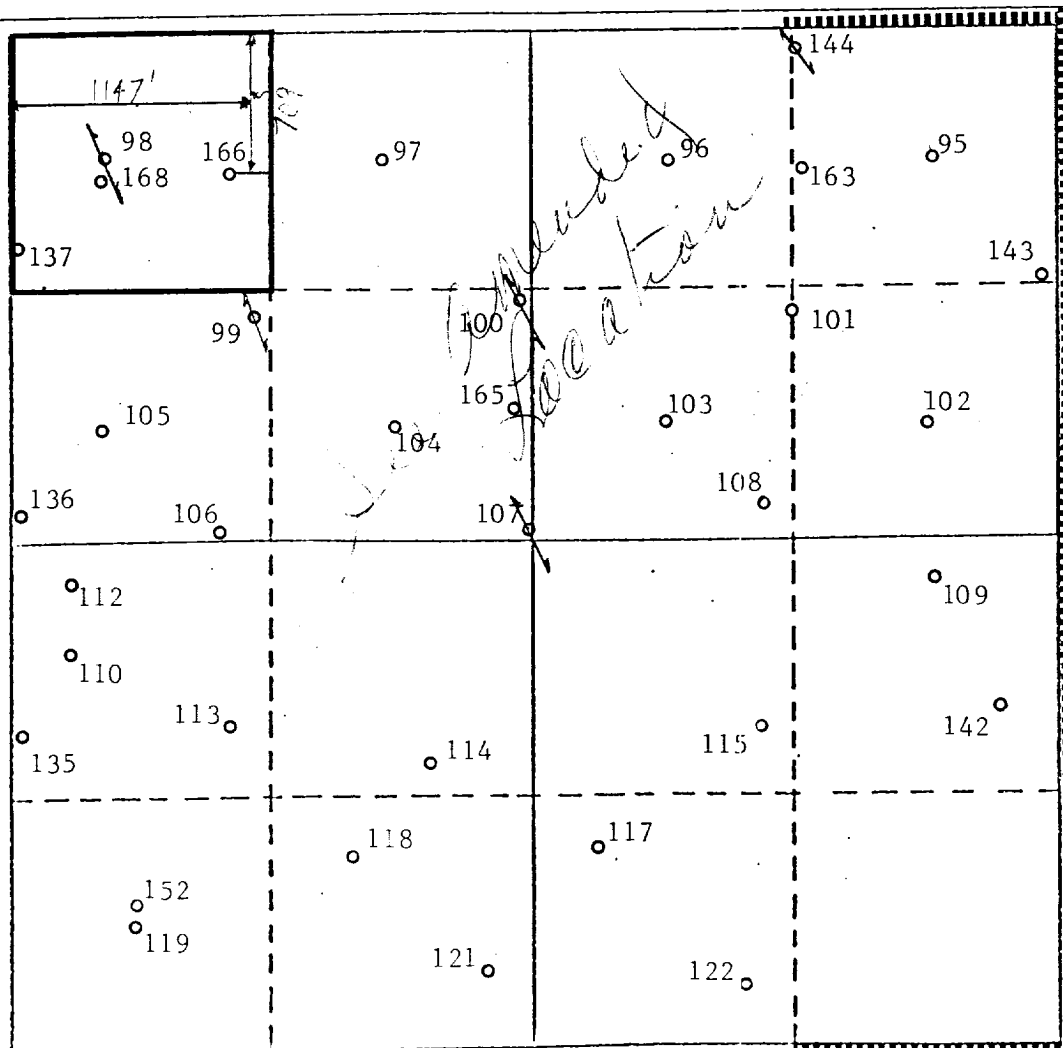
Operator Texaco Producing Inc.			Lease Central Vacuum Unit		Well No. 166
Unit Letter D	Section 6	Township 18-S	Range 35-E	County Lea	
Actual Footage Location of Well: 709 feet from the North line and 1147 feet from the West line					
Ground Level Elev. 3980'	Producing Formation Vacuum San Andres		Pool Vacuum (Grayburg - San Andres)		Dedicated Acreage: 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.

B. L. Eiland

Name
B. L. Eiland
Position
Division Surveyor
Company
Texaco Producing Inc.
Date
September 20, 1985

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
September 10, 1985
Registered Professional Engineer
and a Land Surveyor
B. L. Eiland
B. L. Eiland
Certificate No. 4386

