

Submit to Appropriate
District Office
State Lease - 6 copies
Fed. Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

30-025-30799

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

857948

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

7. Lease Name or Unit Agreement Name

VACUUM GRAYBURG SAN ANDRES
UNIT

2. Name of Operator

TEXACO PRODUCING INC.

8. Well No.

148

3. Address of Operator

P.O. BOX 3109 MIDLAND, TEXAS 79702

9. Pool name or Wildcat

VACUUM GRAYBURG SAN ANDRES

4. Well Location

Unit Letter

D

: 1330

Feet From The

NORTH

Line and

660

Feet From The

WEST

Line

Section

1

Township

18-S

Range

34 E

NMPM

LEA

County

10. Proposed Depth

5000'

11. Formation

GRAYBURG-SAN ANDRES

12. Rotary or C.T.

R

13. Elevations (Show whether DF, RT, GR, etc.)

GR-3997'

14. Kind & Status Plug. Bond

BLANKET

15. Drilling Contractor

Basin

16. Approx. Date Work will start

3-15-90

17.

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"	48 #	40'	READY-MIX	SURFACE
12 1/4"	9 5/8"	32.3 #	1550'	800 SX	SURFACE
8 3/4"	7"	26 #	5000'	800 SX	SURFACE

CEMENTING PROGRAM

CONDUCTOR CASING - READY Mix

SURFACE CASING - 800 SACKS CLASS "H" WITH 2% CaCl₂ (15.6 ppg, 1.19 cu ft/sx 5.2 gal wtr/sx)

PRODUCTION CASING - 550 SACKS 35/65 POZ CLASS "H" WITH 6% GEL, 5% SALT, 1/4 # FLOCELE (12.8 ppg, 1.87 cu ft/sx, 9.9 gal wtr/sx) FOLLOWED BY 250 SACKS CLASS "H" (15.6 ppg, 1.18 cu ft/sx, 5.2 gal wtr/sx).

NO OTHER OPERATOR IN THIS 1/4 1/4 SECTION.

UNORTHODOX LOCATION - 20 ACRE SPACING

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.

SIGNATURE

C. Wade Howard

TITLE ENGINEERING ASSISTANT

DATE 2-14-90

TYPE OR PRINT NAME

C. WADE HOWARD

TELEPHONE NO 688-4606

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

DISTRICT I SUPERVISOR

APPROVED BY

TITLE

MAR 14 1990

DATE

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

7757-2763

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Fee Lease - 3 copies

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Energy, Minerals and Natural Resources Department

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Revised 1-1-89

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

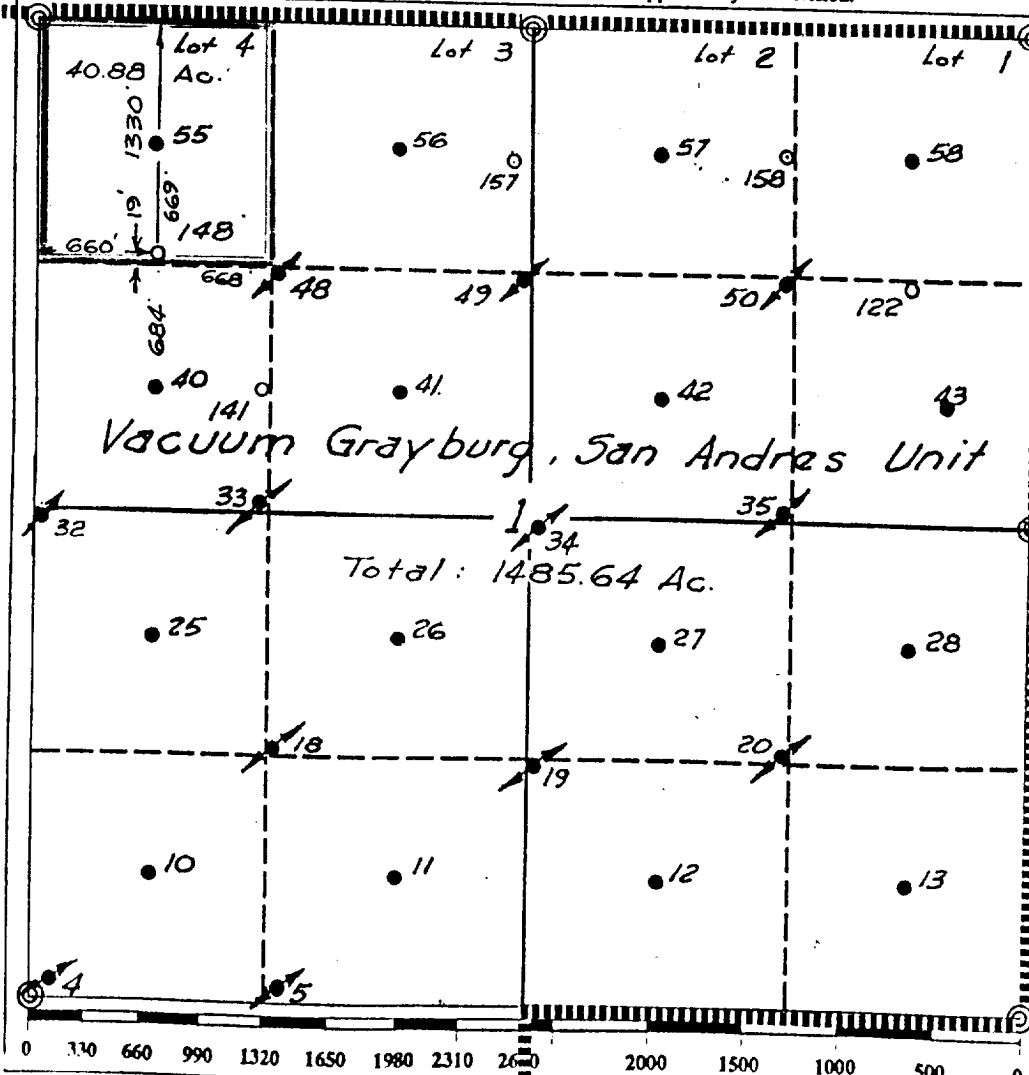
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT
All Distances must be from the outer boundaries of the section

Operator TEXACO PRODUCING INC.			Lease Vacuum Grayburg, San Andres Unit		Well No. 148
Unit Letter D	Section 1	Township 18 South	Range 34 East	County Lea	
Actual Footage Location of Well: 1330 feet from the North line and 660 feet from the West line					
Ground level Elev. 3997	Producing Formation Grayburg - San Andres		Pool Vacuum Grayburg - San Andres	Dedicated Acreage: 40.88 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☒ Yes ☐ No If answer is "yes" type of consolidation Unitization
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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature Royce Mariott
Printed Name Royce Mariott
Position Division Surveyor
Company Texaco Producing Inc.
Date February 2, 1990

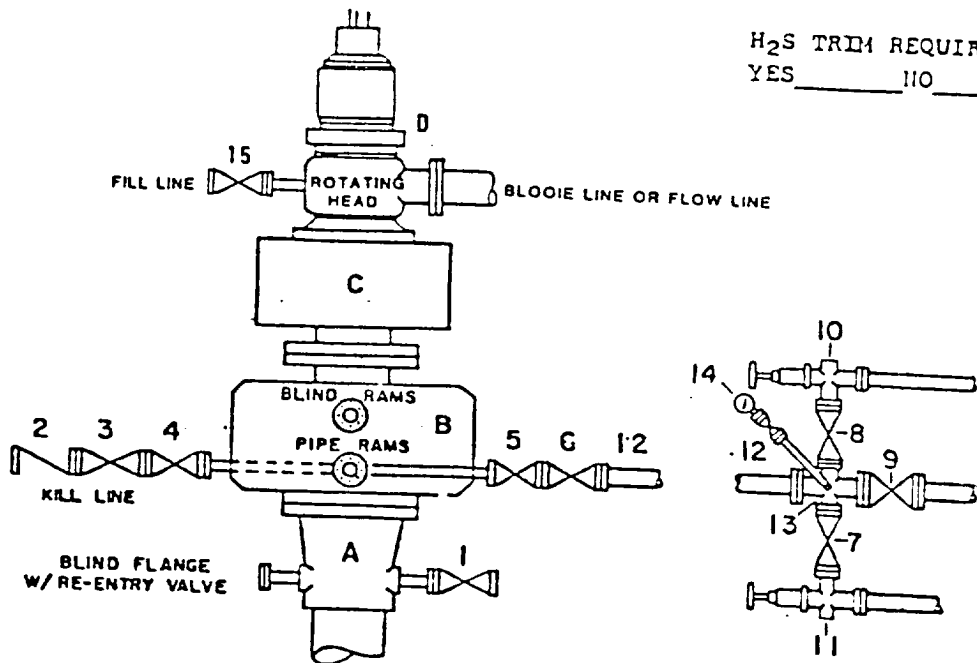
SURVEYOR CERTIFICATION

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 January 31, 1990
Signature & Seal of Professional Surveyor John S. Piper
Certificate No. 7254
John S. Piper

RECEIVED
FEB 15 1990
OCD
HOBBS OFFICE

DRILLING CONTROL CONDITION III-B 3000 PSI WP



H₂S TRIM REQUIRED
YES _____ NO _____

DRILLING CONTROL

MATERIAL LIST - CONDITION III - B

- A Texaco Wellhead
- B 3000# W.P. Dual ram type preventer, hydraulic operated with 1" steel, 3000# W.P. control lines (where sub-structure height is adequate, 2 - 3000# W.P. single ram preventers may be utilized with 3000# W.P. drilling spool with 2" minimum flanged outlet for kill line and 3" minimum flanged outlet for choke line. The drilling spool is to be installed below the single ram type preventers).
- C 3000# W.P. Annular Preventer with 1" steel, 3000# W.P. control lines.
- D Rotating Head with fill up outlet and extended Bloop line.
- 1,3,4, 7,8, 2" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
- 2 2" minimum 3000# W.P. back pressure valve.
- 5,6,9 3" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
- 12 3" minimum Schedule 80, Grade B, seamless line pipe.
- 13 2" minimum x 3" minimum 3000# W.P. flanged cross.
- 10,11 2" minimum 3000# W.P. adjustable choke bodies.
- 14 Cameron Mud Gauge or equivalent (location optional in Choke line).
- 15 2" minimum 3000# W.P. flanged or threaded full opening steel gate valve, or Halliburton Lo Torc Plug valve.

SCALE	DATE	EST NO	DRG NO
DRAWN BY			
CHECKED BY			
APPROVED BY			



TEXACO, INC.
MIDLAND DIVISION
MIDLAND, TEXAS



EXHIBIT E

WU 9-14-74

173

FEB 15