

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

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

OIL CONSERVATION DIVISION

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

API NO. (assigned by OCD on New Wells)

30-025-30801

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

857948

7. Lease Name or Unit Agreement Name

VACUUM GRAYBURG SAN ANDRES
UNIT

8. Well No.

154

9. Pool name or Wildcat

VACUUM GRAYBURG SAN ANDRES

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 ☐

2. Name of Operator

TEXACO PRODUCING INC.

3. Address of Operator

P.O. BOX 3109 MIDLAND, TEXAS 79702

4. Well Location

Unit Letter

B

: 660

Feet From The

NORTH

Line and

1331

Feet From The

EAST

Line

Section

2

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-4011'

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 27% CaCl₂ (15.6 ppg, 1.19 cu ft/sx 5.2 gal wtr/sx)

PRODUCTION CASING - 550 SACKS 35/65 POZ CLASS "H" WITH 69% GEL, 59% 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 Y4 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

DATE

MAR 14 1990

CONDITIONS OF APPROVAL, IF ANY:

7782-2766

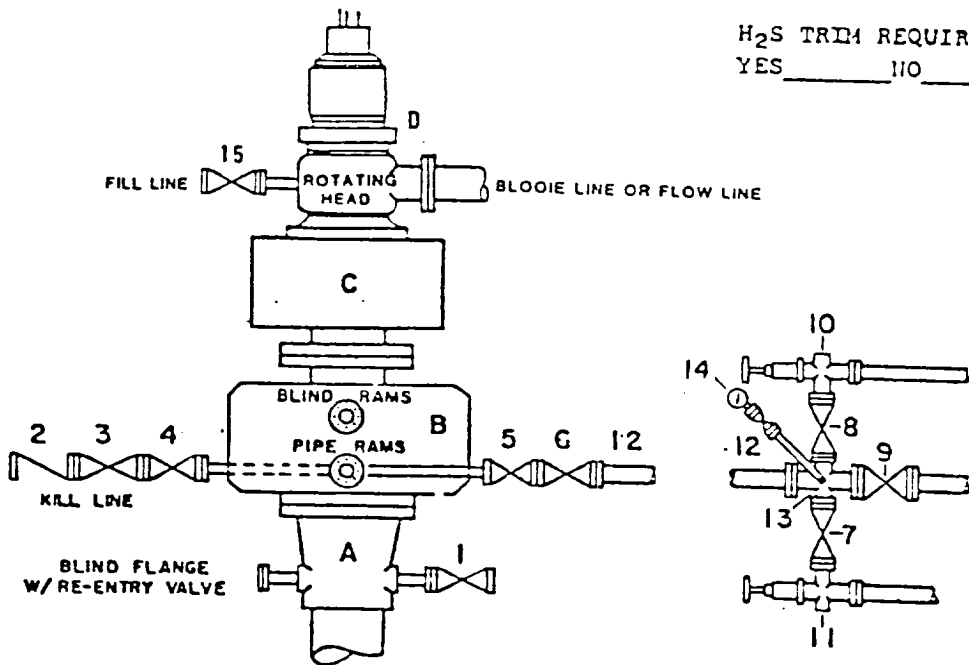
Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

RECEIVED

FEB 15 1990

CCD
MOSES 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 Blowie 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. |



TEXACO, INC.
 MIDLAND DIVISION
 MIDLAND, TEXAS



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

EXHIBIT E