

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
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

API NO. (assigned by OCD on New Wells)

30-025-32256

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B-1497

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

East Vacuum Gb/SA Unit

2. Name of Operator

Phillips Petroleum Company

8. Well No.

Tract 2648

004

3. Address of Operator

4001 Penbrook Street, Odessa, Texas 79762

9. Pool name or Wildcat

Vacuum Gb/SA

4. Well Location

Unit Letter M : 535 Feet From The South Line and 100 Feet From The West Line

Section 26 Township 17-S Range 35-E NMPM Lea County

10. Proposed Depth

4900'

11. Formation

San Andres

12. Rotary or C.T.

Rotary

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

3917' GL

14. Kind & Status Plug, Bond

Blanket

15. Drilling Contractor

NA

16. Approx. Date Work will start

Upon Approval

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24#	1675'	1000sx 'C'	Surface
7-7/8"	5-1/2"	15.5#	4900'	400 sx 'C'	Surface
				Tail w/300sx	"C" 4000'

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

TITLE Supv. Regulatory Affairs DATE 06-23-93

TYPE OR PRINT NAME L. M. Sanders

(915)
TELEPHONE NO. 368-1488

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JUL 20 1993

RECEIVED

JUN 28 1993

ODD HOBBS
OFFICE

OIL CONSERVATION DIVISION

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WELL LOCATION AND ACREAGE DEDICATION PLAT

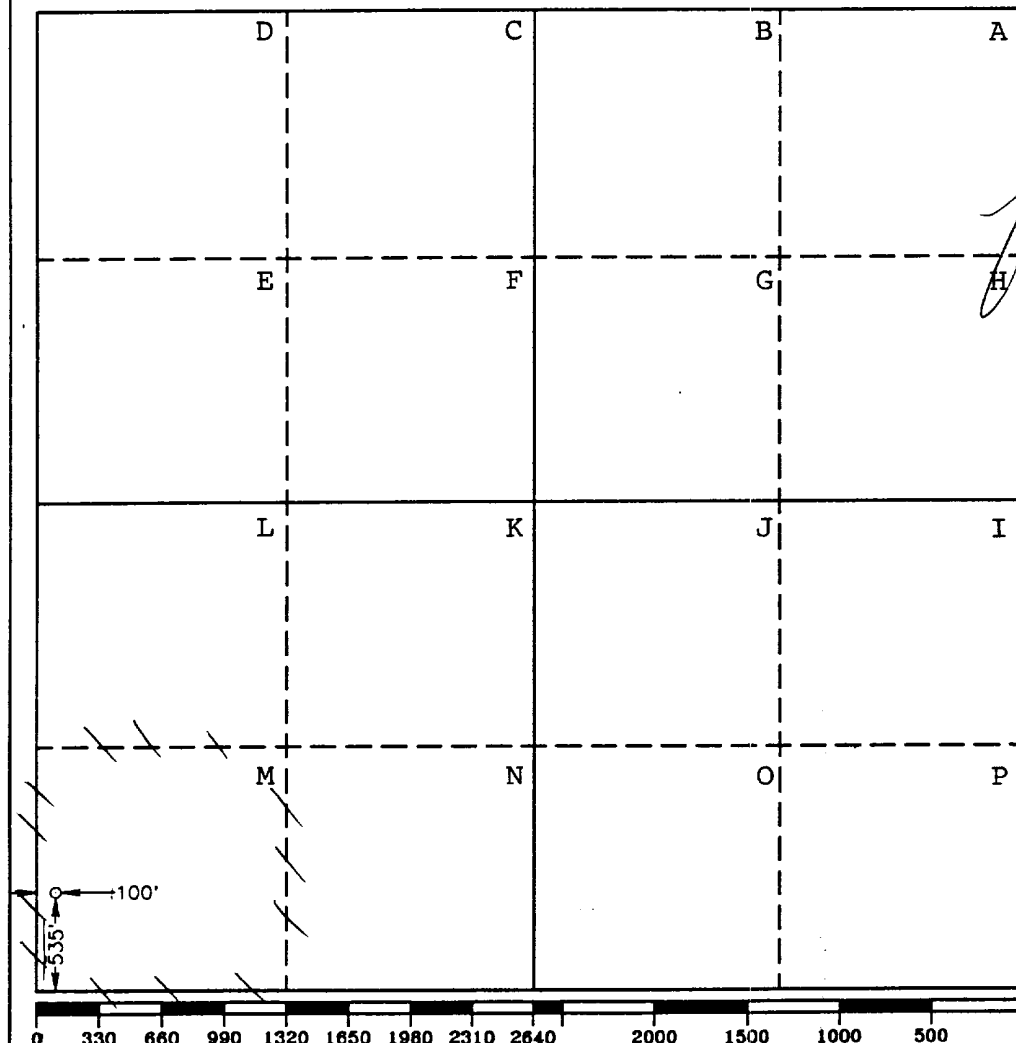
All Distances must be from the outer boundaries of the section

Operator PHILLIPS PETROLEUM CO.			Lease EAST VACUUM Gb/SA, TRACT 2648		Well No. 004
Unit Letter M	Section 26	Township 17 SOUTH	Range 35 EAST	NMPM	County LEA
Actual Footage Location of Well: 535 feet from the SOUTH line and 100 feet from the WEST line					
Ground Level Elev. 3917.0'	Producing Formation San Andres	Pool Vacuum Gb/SA		Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 _____

If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)

No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Printed Name

L. M. Sanders

Position

Supv., Reg. Affairs

Company

Phillips Petroleum Co.

Date

June 23, 1993

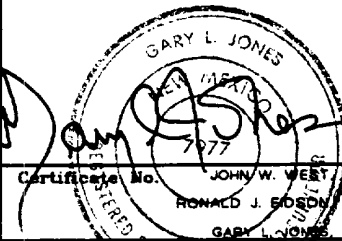
SURVEYOR CERTIFICATION

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

APRIL 05, 1993

Signature & Seal of
Professional Surveyor



NSL-3283

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PROPOSED CASING & CEMENTING PROGRAM

EVGSAU 2648-004

8 5/8" 24 lb/ft J-55 Surface Casing Set at 1675' - 12 1/4" Hole:

Circulate to surface with 1000 sx of Class "C" + 2% CaCl_2 .

Slurry Weight:	14.8 ppg
Slurry Yield:	1.32 ft ³ /sx
Water Requirement:	6.3 gals/sx

5 1/2" 15.5 lb/ft J-55 Production Casing Set at 4900' - 7 7/8" Hole:

Lead: 400 sx Class "C" + 20% Diacel D + 3% Salt. Desired TOC = Surface.

Slurry Weight:	12.0 ppg
Slurry Yield:	2.79 ft ³ /sx
Water Requirement:	16.1 gals/sx

Tail: 300 sx Class "C" Neat. Desired TOC = 4000'.

Slurry Weight:	14.8 ppg
Slurry Yield:	1.32 ft ³ /sx
Water Requirement:	6.3 gals/sx

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PROPOSED MUD PROGRAM

EVGSAU 2648-004

DEPTH	MUD WEIGHT	VISCOSITY	FLUID LOSS	CL PPM	% SOLIDS	ADDITIVES
Surf - 1675'	8.3-9.0 ppg	28-36 sec/1000 cc	-	-	-	Native Solids
1675' - 4000'	10.0 ppg	28-32 sec/1000 cc	-	Saturated	-	Native Solids
4000' - 4900'	10.0-10.2 ppg	32-38 sec/1000 cc	20 cc or less	Saturated	-	Starch/Drispac+

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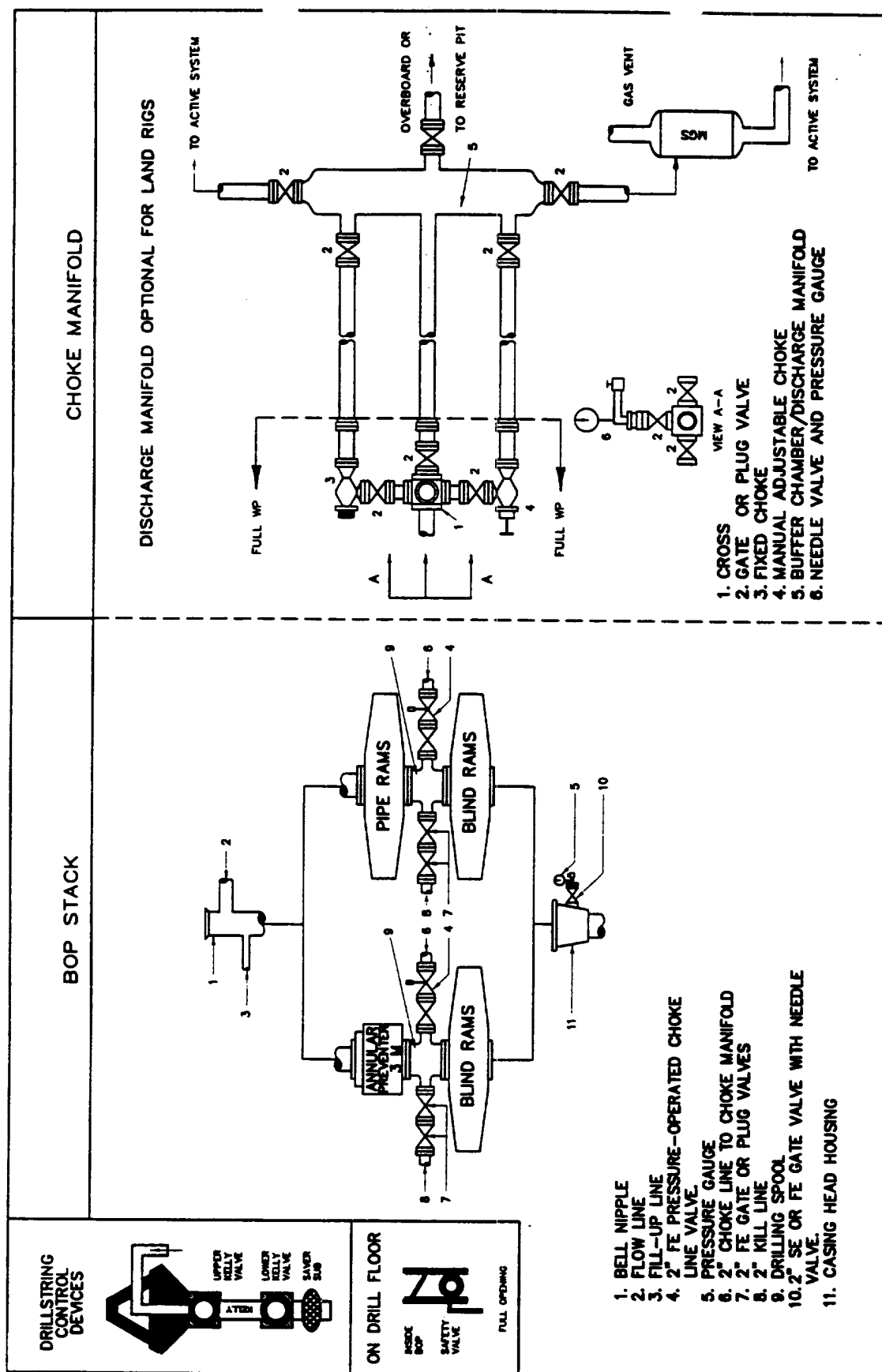


Fig. 2.4. Class 2 BOP and Choke Manifold.

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R - 34 - E

R - 35 - E

**NOTE 4-Digit Tract No
(Tract No preceded by Sec No.)**

EAST VACUUM GRAYBURG - SAN ANDRES UNIT

G F 22731 7,025 3 Ac
Grayburg - San Andres 4050-5050'
PPCo 30.9935% Ph 1 - 29.29786% Ph 2
Composite participation 29.60824%

NY 100-104118

3-2-7

ED-41-01
10-14-93

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