

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)

3D-025-32337

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

A-1320

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.

18

Tract 2801

3. Address of Operator

4001 Penbrook Street, Odessa, TX 79762

9. Pool name or Wildcat

Vacuum Gb/SA

4. Well Location

Unit Letter L : 1750 Feet From The South Line and 300 Feet From The West Line

Section 28

Township 17-S

Range 35-E

NMPM Lea

County

10. Proposed Depth

4800'

11. Formation

Grayburg/San Andres

12. Rotary or C.T.

Rotary

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

3953.4' GR

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#	1625'	800 Sx. "C"	Surface
7-7/8"	5-1/2"	15.5#	4800'	600 Sx. "C"	Surface
			Tail w/	350 Sx. "C"	4000'

NSL-3335

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 L. M. Sanders TITLE Supv. Regulatory Affairs DATE 12-03-93

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 DEC 15 1993

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
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

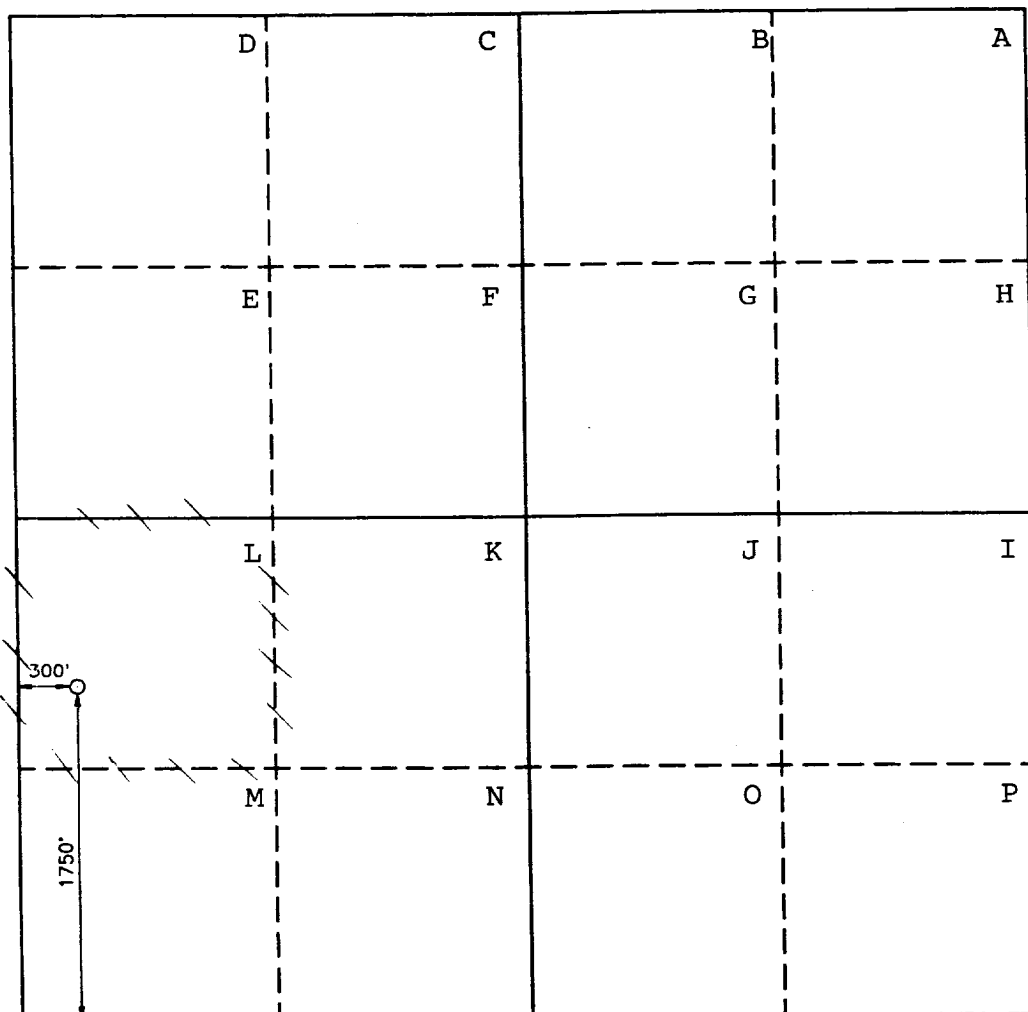
1000 Rio Brazos Rd., Artec, NM 87410

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 2801		Well No. 18	
Unit Letter L	Section 28	Township 17 SOUTH	Range 35 EAST	County LEA	
Actual Footage Location of Well: 1750 feet from the SOUTH line and 300 feet from the WEST line					
Ground Level Elev. 3953.4'	Producing Formation San Andres		Pool Vacuum Gb/SA	Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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

December 3, 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

NOVEMBER 30, 1993

Signature & Seal of
Professional Surveyor

GARY L. JONES
NEW MEXICO
1927
Certificate No. JOSEPH W. WILSON 676
RONALD J. BROWN 8298
GARY L. JONES 7877
REGISTERED PROFESSIONAL SURVEYOR

CASING & CEMENTING PROGRAM

EVGSAU 2801-018

8 5/8" 24 lb/ft J-55 Surface Casing Set at 1625' - 12 1/4" Hole:

Circulate to surface with 800 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 4800' - 7 7/8" Hole:

Lead: 600 sx Class "C" 65/35 Poz + 6% Gel + 3% Salt. Desired TOC = Surface.

Slurry Weight:	12.8 ppg
Slurry Yield:	1.85 ft^3/sx
Water Requirement:	9.9 gals/sx

Tail: 350 sx Class "C" 50/50 Poz + 0.5% Halad-9 + 1.5% CaCl_2 . Desired TOC = 4000'.

Slurry Weight:	14.6 ppg
Slurry Yield:	1.15 ft^3/sx
Water Requirement:	5.0 gals/sx

MUD PROGRAM

EVGSAU 2801-018

DEPTH	MUD WEIGHT	VISCOSITY	FLUID LOSS	CL PPM	% SOLIDS	ADDITIVES
Surf - 1625'	8.3-9.0 ppg	28-36 sec/1000 cc	-	-	-	Native Solids
1625' - 4000'	10.0 ppg	28-32 sec/1000 cc	-	Saturated	-	Native Solids
4000' - 4800'	10.0-10.2 ppg	32-36 sec/1000 cc	20 cc	Saturated	-	Starch/Drispac+

The Mud Engineer shall include on each test report the materials used for the previous 24 hr. period. Daily fax the test reports to (915) 368-1507 Attn: A. C. Sewell.

Send two copies of the Well Recap (Final Cost & Engineering Summaries) to Phillips Petroleum Company, A. C. Sewell, 4001 Penbrook, Odessa, Texas, 79762.

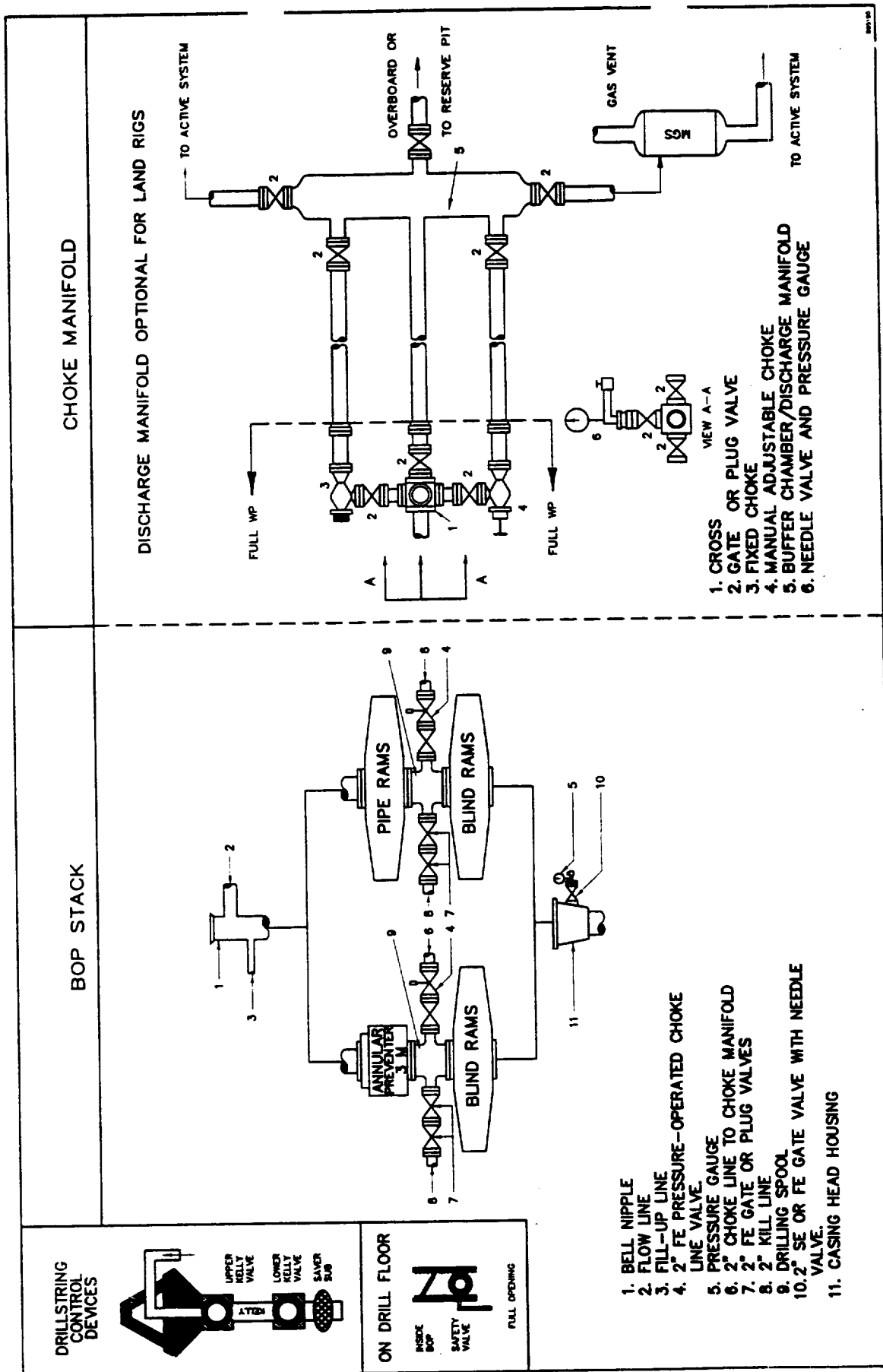


Fig. 2.4. Class 2 BOP and Choke Manifold.