

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

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

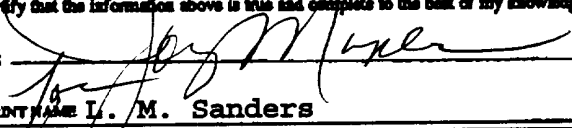
API NO. (assigned by OCD on New Wells) 3D-025-32063
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-1400-3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐		7. Lease Name or Unit Agreement Name 502291			
b. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		East Vacuum Gb/SA Unit			
2. Name of Operator Phillips Petroleum Company 017643		8. Well No. Tract 3366 001			
3. Address of Operator 4001 Penbrook Street, Odessa, Texas 79762		9. Pool name or Wildcat Vacuum Gb/SA 62185			
4. Well Location Unit Letter E : 1560 Feet From The North Line and 1080 Feet From The West Line Section 33 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.) 3945.9' 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#	1575'	1000 sx "C"	Surface
7-7/8"	5-1/2"	15.5#	4900'	400 sx "C"	Surface
			Tail w/	300 sx "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

JUL 20 1993

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

JUN 28 1993

A. HOBBS
OFFICE

OIL CONSERVATION DIVISION

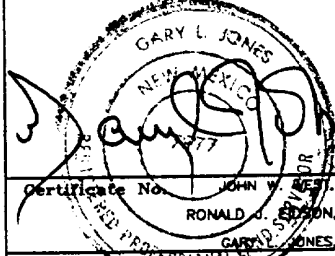
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1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator PHILLIPS PETROLEUM COMPANY			Lease EAST VACUUM Gb/SA UNIT, TRACT 3366		Well No. 001	
Unit Letter E	Section 33	Township 17 SOUTH	Range 35 EAST		County LEA	
Actual Footage Location of Well:						
1560 feet from the NORTH line and		1080 feet from the WEST line				
Ground Level Elev. 3945.9'	Producing Formation San Andres		Pool Vacuum Gb/SA		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 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 _____ 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 1, 1993 Signature & Seal of Professional Surveyor _____  Certificate No. _____ JOHN W. WEST 677 RONALD J. STADON 3231 GARY L. JONES 6777 93-11-0511		

NSL-3283

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PROPOSED CASING & CEMENTING PROGRAM

EVGSAU 3366-001

8 5/8" 24 lb/ft J-55 Surface Casing Set at 1575' - 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% Diace1 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 3366-001

DEPTH	MUD WEIGHT	VISCOSITY	FLUID LOSS	CL PPM	% SOLIDS	ADDITIVES
Surf - 1575'	8.3-9.0 ppg	28-36 sec/1000 cc	-	-	-	Native Solids
1575' - 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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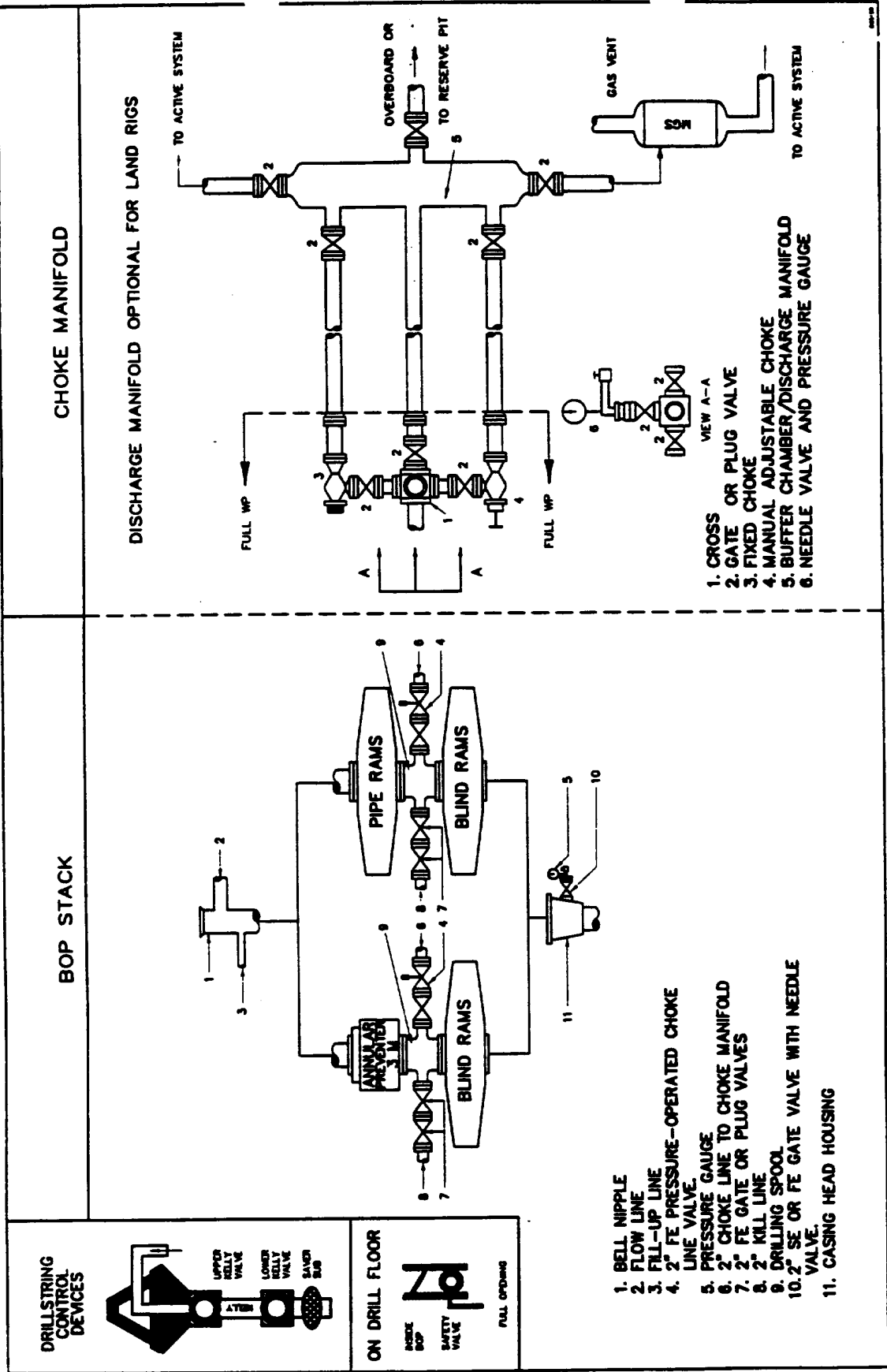


Fig. 2.4. Class 2 BOP and Choke Manifold.

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R - 34 - E

W - 35 - R

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

EAST VACUUM GRAYBURG - SAN ANDRES UNIT

GF 22731 7,0253 Ac EF 12-1-78

GF 22731	7,025 3 Ac
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Grayburg - San Andres 4050 - 5050'

Composite participation 29.60824%

E11 12-1-78

3-2-7

4-5-93-01

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