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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-101
Revised 1-1-89

API NO. (assigned by OCD on New Wells) 30-025-32365

5. Indicate Type of Lease STATE [X] FEE [ ]

6. State Oil & Gas Lease No. B-1399-10

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:
DRILL [X] RE-ENTER [ ] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well:
OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. Lease Name or Unit Agreement Name (13123)
Vacuum Glorieta East Unit

2. Name of Operator
Phillips Petroleum Company (017643)

8. Well No. 6 Tract 5

3. Address of Operator
4001 Penbrook Street, Odessa, TX 79762

9. Pool name or Wildcat Vacuum Glorieta (62110)

4. Well Location
Unit Letter P : 1085 Feet From The South Line and 1210 Feet From The East Line

Section 29 Township 17-S Range 35-E NMPM Lea County

10. Proposed Depth	11. Formation	12. Rotary or C.T.
6300'	Paddock	Rotary

13. Elevations (Show whether DF, RT, GR, etc.)	14. Kind & Status Plug. Bond	15. Drilling Contractor	16. Approx. Date Work will start
3961.2' GL	Blanket	NA	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#	1600'	450 sx C tail	w/ Surf.
				200 sx C	1250'
7-7/8"	5-1/2"	15.5#	6300'	300 sx C 50/50 poz.	5200'

2nd Stg:1000 sx C 65/35 poz. Surf.
Tail w/ 300 sx C 50/50 poz. 4000'

NSL-3337

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 12-14-93

TYPE OR PRINT NAME L. M. Sanders TELEPHONE NO. (915) 368-1488

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE _____ DATE JAN 11 1994

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

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OIL CONSERVATION DIVISION

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator	Lease	Well No.
PHILLIPS PETROLEUM CO.	VACUUM GLORIETA EAST UNIT TRACT 5	6

Unit Letter	Section	Township	Range	County
P	29	17 SOUTH	35 EAST NMPM	LEA

Actual Footage Location of Well:
1085 feet from the SOUTH line and 1210 feet from the EAST line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3961.2'	Paddock	Vacuum Glorieta	40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

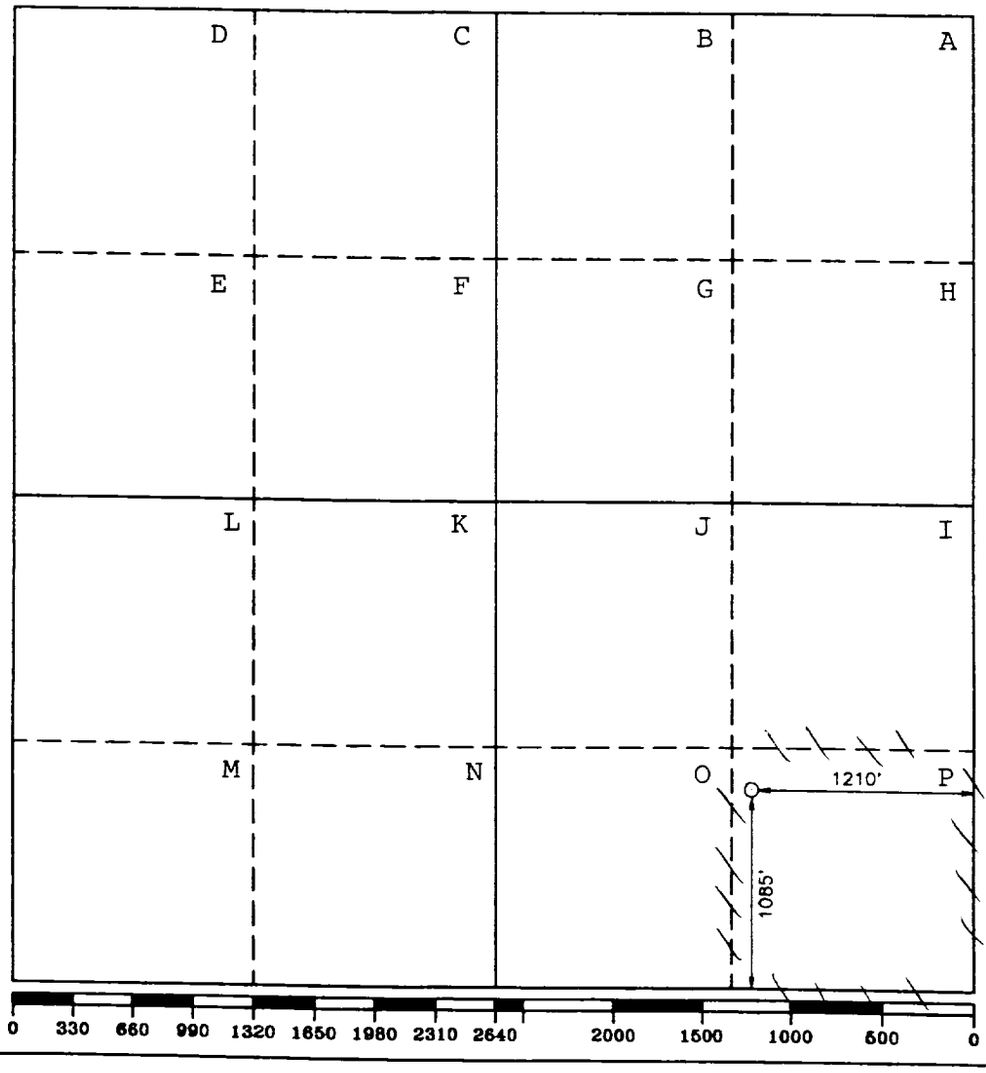
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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
L. M. Sanders

Position
Supervisor, Reg. Affairs

Company
Phillips Petroleum Co.

Date
December 14, 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 supervison, 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
7977
REGISTERED PROFESSIONAL LAND SURVEYOR

Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239
GARY L. JONES, 7977

93-1-2315

PROPOSED CASING & CEMENTING PROGRAM

Vacuum Glorieta East Unit 5-06

8 5/8" 24 lb/ft J-55 Surface Casing Set at 1600' - 12 1/4" Hole:

Lead: 450 Class "C" + 4% Gel + 2% $CaCl_2$. Desired TOC = Surface.

Slurry Weight:	13.5 ppg
Slurry Yield:	1.72 ft^3/sx
Water Requirement:	9.06 gals/sx

Tail: 200 sx Class "C" + 2% $CaCl_2$. Desired TOC = 1250'.

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 6300' - 7 7/8" Hole:

Set stage tool at 5200'.

1st Stage:

300 sx Class "C" 50/50 Poz. Desired TOC = 5200'.

Slurry Weight:	14.6 ppg
Slurry Yield:	1.15 ft^3/sx
Water Required:	5.0 gal/sx

2nd Stage:

Lead: 1000 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: 300 sx Class "C" 50/50 Poz. Desired TOC = 4000'.

Slurry Weight:	14.6 ppg
Slurry Yield:	1.15 ft^3/sx
Water Required:	5.0 gal/sx

PROPOSED MUD PROGRAM

Vacuum Glorieta East Unit 5-06

DEPTH	MUD WEIGHT	VISCOSITY	FLUID LOSS	CL PPM	% SOLIDS	ADDITIVES
Surf - 1600'	8.3-9.0 ppg	28-36 sec/1000 cc	-	-	-	Native Solids
1600' - 5800'	10.0 ppg	28-32 sec/1000 cc	-	Saturated	-	Native Solids
5800' - 6300'	10.0-10.2 ppg	32-36 sec/1000 cc	20 cc	Saturated	-	Starch

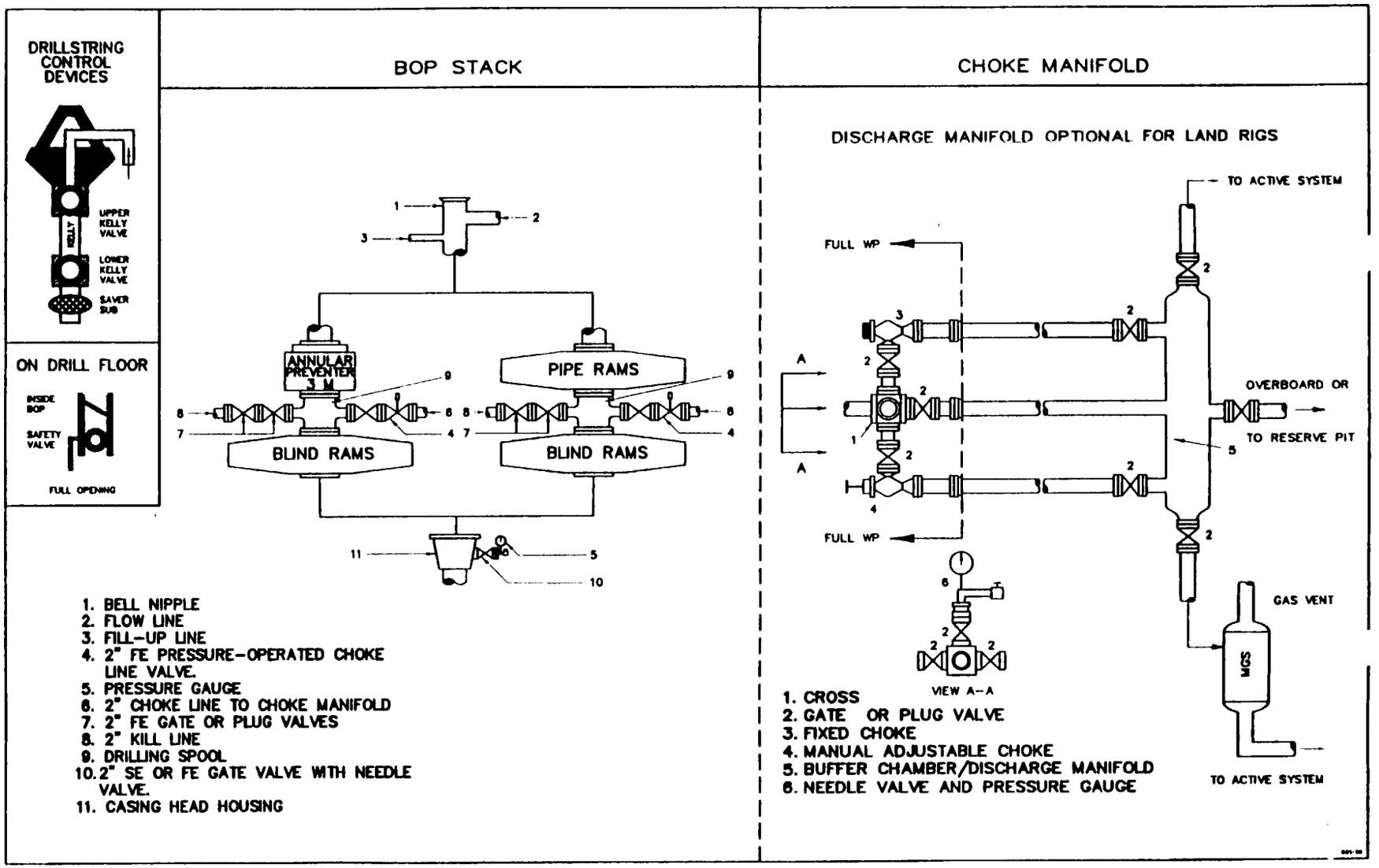


Fig. 2.4. Class 2 BOP and Choke Manifold.