

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

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)

30-025-31190

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

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

Kimbrough

2. Name of Operator

PHILLIPS PETROLEUM COMPANY

8. Well No.

3

3. Address of Operator

4001 Penbrook St., Odessa, Texas 79762

9. Pool name or Wildcat

Lovington (Paddock)

4. Well Location

Unit Letter E : 660 Feet From The West Line and 1830 Feet From The North Line

Section 7

Township 17-S

Range 37-E

NMPM

Lea

County

10. Proposed Depth

6250'

11. Formation

Paddock

12. Rotary or C.T.

Rotary

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

3806.3' GL (unprepared)

14. Kind & Status Plug. Bond

blanket

15. Drilling Contractor

advise later

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#	1500'	1000 sk C	surface
7-7/8"	5-1/2"	15.5#	6200'	600 sk C (lead)	surface
				300 sk C Neat (tail)	4500'

BOP equipment series 900, 3000# WP
(see attached schematic figure 7-9 or 7-10)

MUD PROGRAM ATTACHED

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.

Supervisor

SIGNATURE

Larry M. Sanders

TITLE

Regulation & Proration

DATE 3/1/91

TYPE OR PRINT NAME

Larry M. Sanders

(915) 368-1411
TELEPHONE NO.

(This space for State Use)

Only Signed by
Paul Kautz
Geologist

MAR 06 1991

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway

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

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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 Co.			Lease Kimbrough		Well No. 3
Unit Letter E	Section 7	Township 17-S	Range 37-E	County NMIM	Lea
Actual Footage Location of Well: 1830 feet from the North line and 660 feet from the West line					
Ground level Elev. 3806.3	Producing Formation Paddock		Pool Lovington (Paddock)		Dedicated Acreage: 40 Acres

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

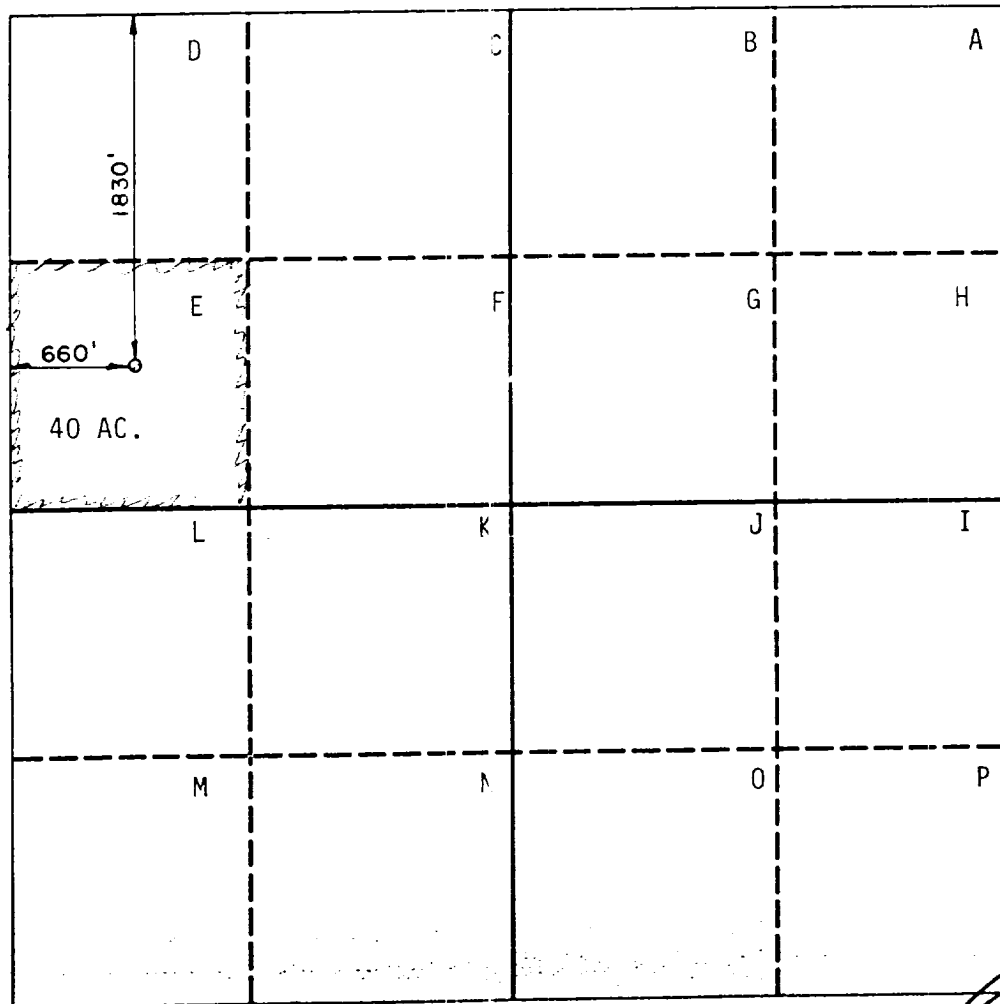
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary).

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



OPERATOR CERTIFICATION

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

Signature

L. M. Sanders

Printed Name

L. M. Sanders

Position
Supervisor, Regulation &

Company

PHILLIPS PETROLEUM COMPANY

Date

3/1/91

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

December 10, 1990

Signature & Seal of
Professional Surveyor



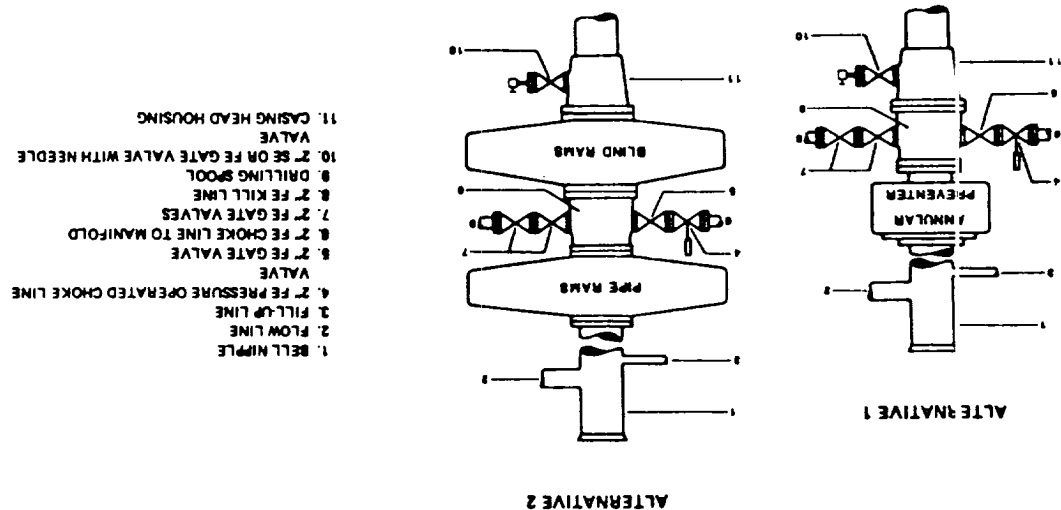


Figure 7-9. Standard Hydraulic Blowout Preventer Assembly (2 M or 3 M Working Pressure) Alternative 1

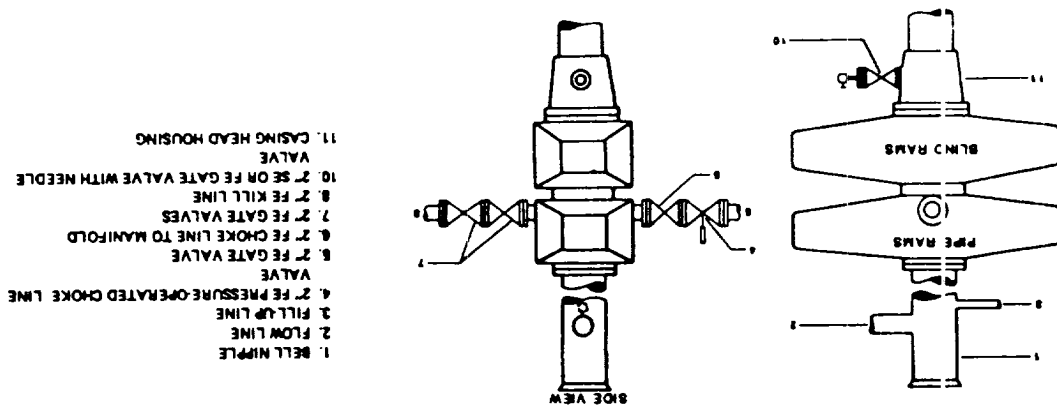


Figure 7-10. Standard Hydraulic Blowout Preventer Assembly (2 M or 3 M Working Pressure) Alternative 3 (without Drilling Spool)

PROPOSED CASING & CEMENTING PROGRAM

KIMBROUGH WELL NO. 3

8 5/8" 24 lb/ft K-55 Surface Casing Set at 1500':

Circulate to surface with 1000 sacks 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 K-55 Production Casing Set at 6200':

Lead: 600 sx Class "C" 65/35 Poz + 6% Bentonite + 5% Salt. TOC = Surface.

Slurry Weight:	13.2 ppg
Slurry Yield:	1.70 ft ³ /sx
Water Requirement:	8.8 gals/sx

Tail: 300 sx Class "C" Neat. TOC = 4500

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

PROPOSED MUD PROGRAM
KIMBROUGH WELL NO. 3

DEPTH	MUD WEIGHT	VISCOSITY	FLUID LOSS	CL PPM	% SOLIDS	ADDITIVES
Surf - 1500'	8.3-9.5 ppq	30-36 sec/1000 cc	-	-	-	Native Solids, Paper
1500' - 5500'	10.0-10.4 ppq	29-32 sec/1000 cc	-	Saturated	-	Native Solids, Magma Fiber
5500' - 6200'	10.2 ppq or less	31-34 sec/1000 cc	20 cc or less	Saturated	<5%	Starch/Drispac+

Remarks: Use DBX dripped into flowline 10-15' upstream from lower end if extra settling of solids is desired while circulating the reserve.

The Mud Engineer shall include on each test report the materials used for the previous 24 hr. period. Twice weekly mail copies of the test reports to:

A. C. Sewell
4001 Penbrook
Odessa, Texas 79762

Send two copies of the Well Recap (Final Cost & Engineering Summaries) to A. C. Sewell at the above address.

16 22-6 2074

RECEIVED

MAR 5 1991

DOBBIE OFFICE