

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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LAND OFFICE		
OPERATOR		

API No. 30-025-

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
B-4118

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

- 1a. Type of Work
DRILL ☒ DEEPEN ☐ PLUG BACK ☐
- b. Type of Well
Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone ☐

7. Unit Agreement Name

8. Farm or Lease Name
Lea

2. Name of Operator
Phillips Petroleum Company

9. Well No.
37

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

10. Field and Pool, or Wildcat
Vacuum Gb/SA

4. Location of Well
Unit Letter F Located 1980 feet From the North Line
And 1980 Feet From The West Line of Sec. 19 TWP. 17-S RGE 34-E NMPPM

12. County
Lea

19. Proposed Depth
4900'

19A. Formation
Grayburg/SA

20. Rotary or C.T.
Rotary

21. Elevations (Show whether DF, RT, etc.)
4093.4' GR (Unprepared)

21A. Kind & Status Plug. Bond
Blanket

21B. Drilling Contractor
Will advise later

22. Approx. Date Work Will Start
Upon approval

23. 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 # K-55	1500' RKB	1000 Sx Class "C"	Surface
7-7/8"	5-1/2"	15.5 # K-55	4800' RKB	1400 Sx	Surface

(Caliper volume plus 30% excess. Lead: Estimated 1000 sx Class "C" w/5% salt; tail with 400 sx Class "C" w/5% salt.)

Use mud additives as required for control.

BOP EQUIP: Series 900, 3000# WP (See attached schematic - Figure 7-9 or 7-10.

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.

SIGNED W. J. Mueller TITLE Engineering Supervisor, Resv. DATE September 23, 1987

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT 1 SUPERVISOR TITLE DATE SEP 29 1987

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

**MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-122
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

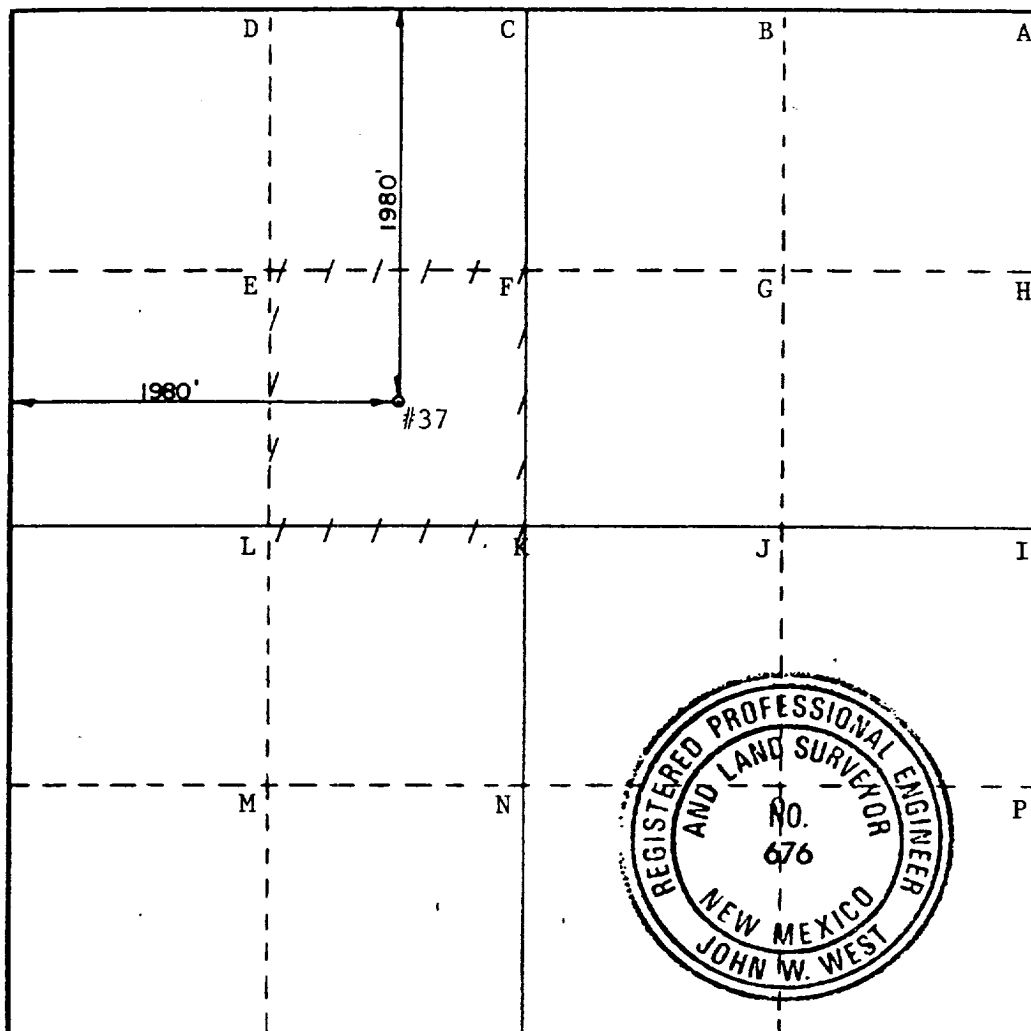
Operator Phillips Petroleum Co.			Lease Lea		Well No. 37
Unit Letter F	Section 19	Township 17 South	Range 34 East	County Lea	
Actual Footage Location of Well:					
1980 feet from the North line and		1980 feet from the West line			
Ground Level Elev. 4093.4	Producing Formation Grayburg-San Andres	Pool Vacuum-Grayburg/San Andres	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 interests 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 interests, has been approved by the Commission.



CERTIFICATION

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

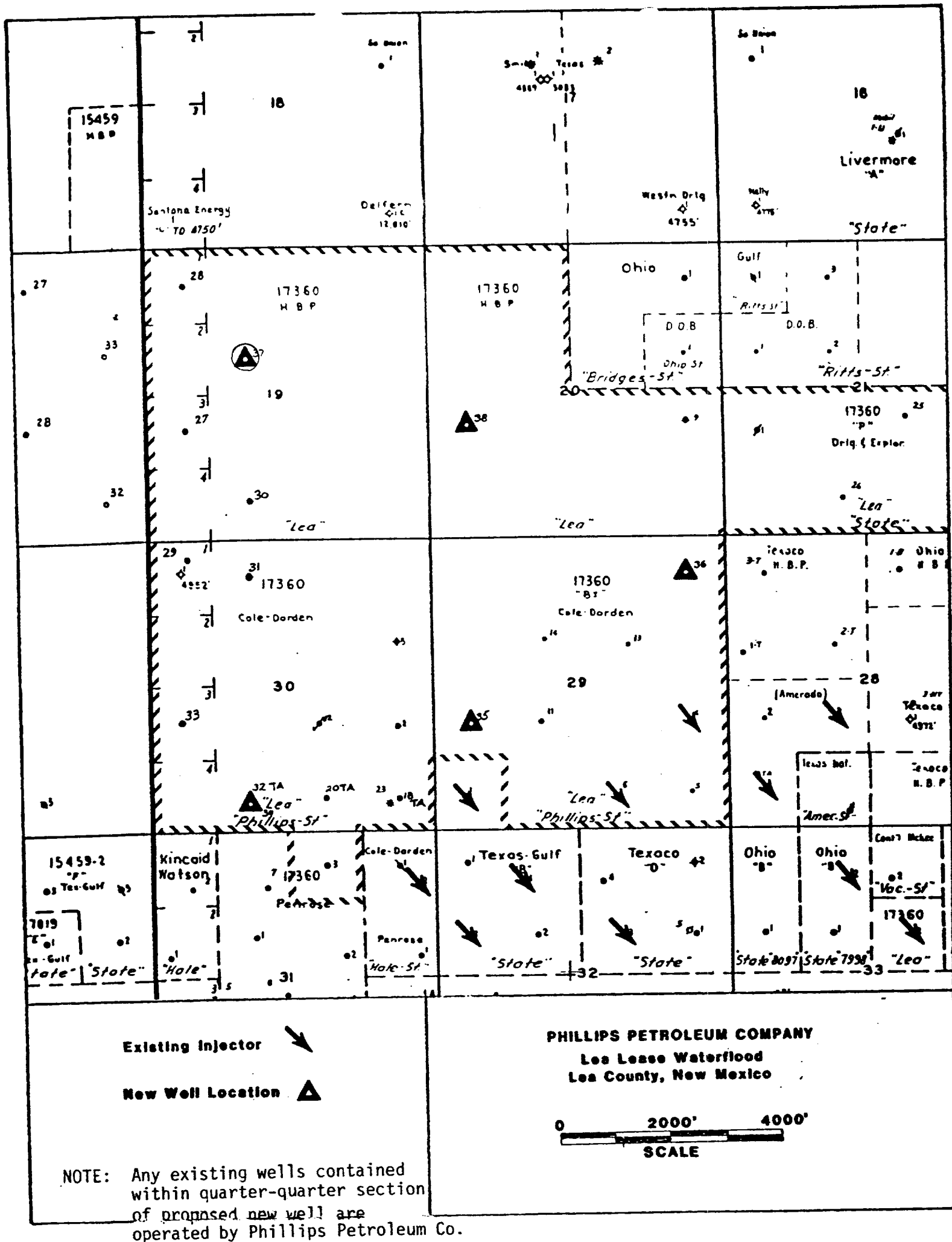
Name **W. J. Mueller**
 Position **Engineering Supervisor, Resv.**
 Company **Phillips Petroleum Company**
 Date **September 23, 1987**

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 **September 14, 1987**
 Registered Professional Engineer and/or Land Surveyor

Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239

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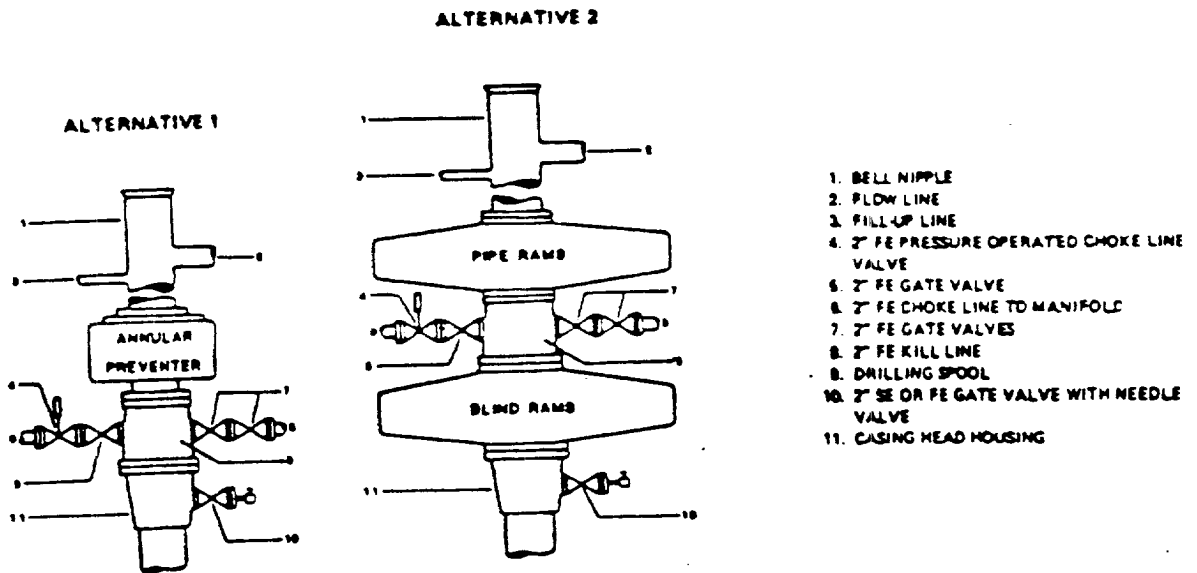


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FIELD PRACTICES AND STANDARDS



NOTE: THE DRILLING SPOOL MAY BE LOCATED BELOW BOTH SETS OF RAMS IF A DOUBLE PREVENTER IS USED AND IT DOES NOT HAVE SUITABLE OUTLETS BETWEEN RAMS

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

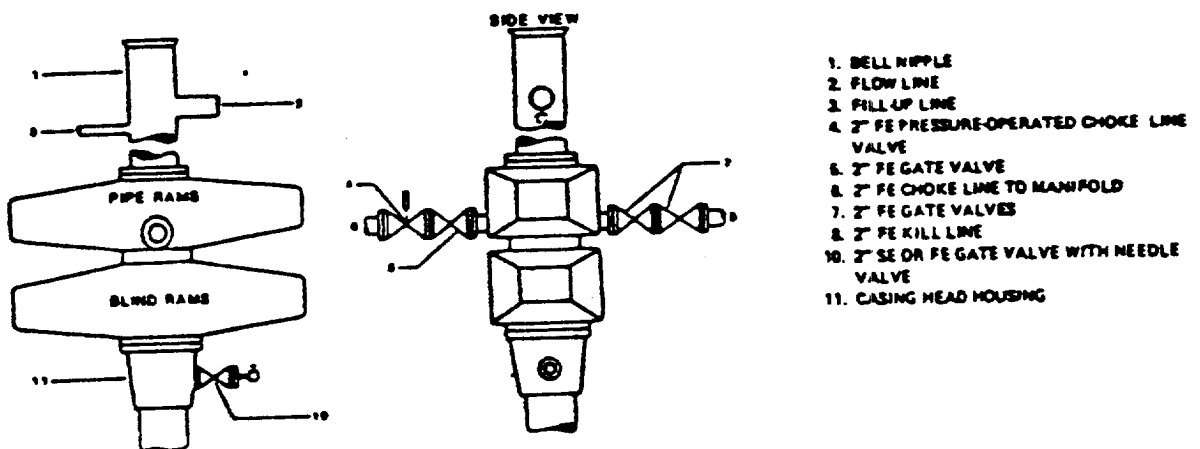


Figure 7-10. Standard Hydraulic Blowout Preventer Assembly (2 M or 3 M Working Pressure) Alternative 3 (without Drilling Spool)

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