

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101

Revised 10-1-78

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OPERATOR		

API No. 30-025-

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No. B-2148	

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐ b. Type of Well Oil Gas Single Multiple Well ☒ Well ☐ Zone ☒ Zone ☐						7. Unit Agreement Name						
2. Name of Operator Phillips Petroleum Company						8. Farm or Lease Name Leamex						
3. Address of Operator 4001 Penbrook Street, Odessa, Texas 79762						9. Well No. 42						
4. Location of Well Unit Letter <u>N</u> Located <u>660 feet</u> From the <u>South Line</u> And <u>1980 Feet From The West</u> Line of Sec. <u>15 TWP.</u> <u>17-S RGE 33-E NMPM</u>												
						12. County Lea						
						19. Proposed Depth 4900'		19A. Formation Grayburg/SA		20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, RT, etc.) 4171.1' 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
ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR
APPROVED BY _____ TITLE _____ DATE SEP 29 1987

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval Date Unless Drilling Underway.

C-101/C-101.17

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-101
Supersedes L-28
Effective 1-1-65

All distances must be from the outer boundaries of the Section

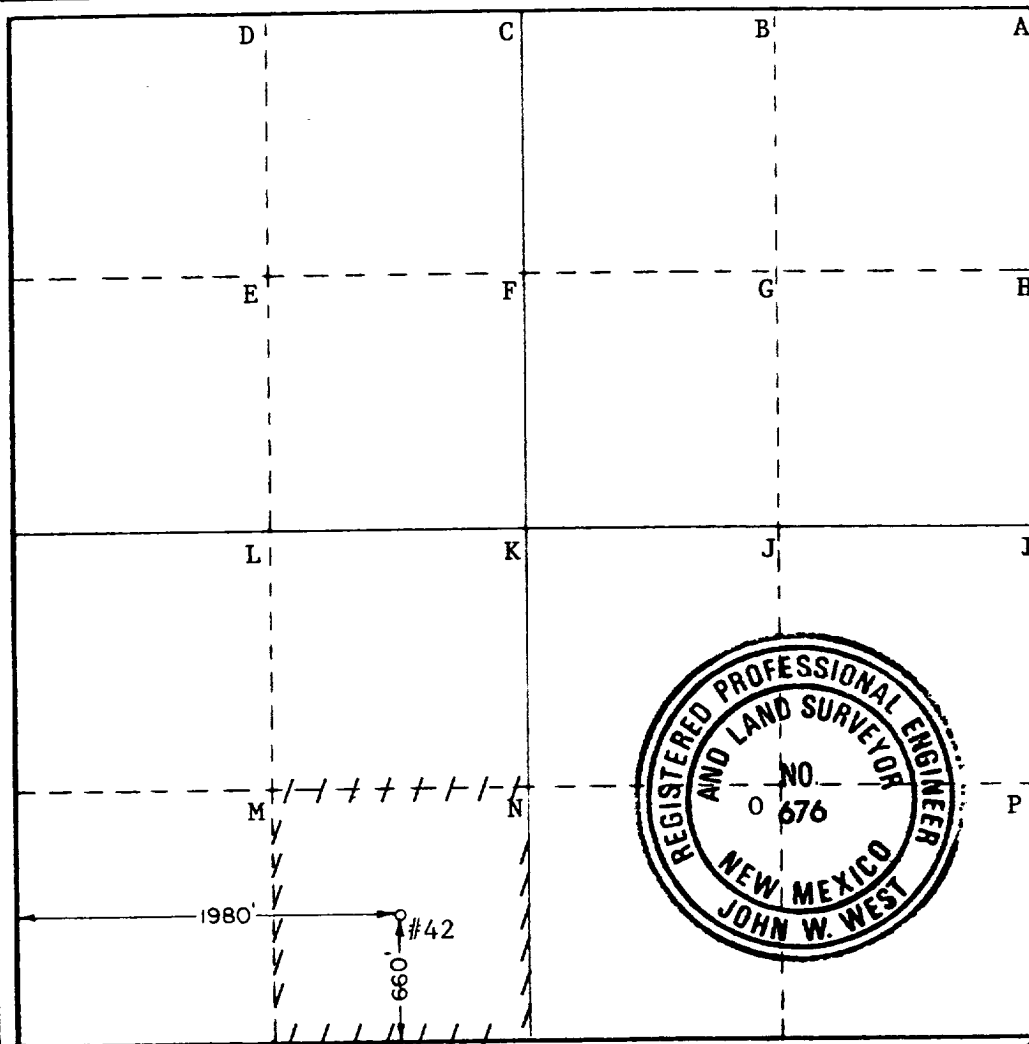
Operator Phillips Petroleum Co.			Lease Leamex		Well No. 42
Unit Letter N	Section 15	Township 17 South	Range 33 East	County Lea	
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the West line					
Ground Level Elev. 4171.1	Producing Formation Grayburg-San Andres		Pool Maljamar-Grayburg/San Andres	Dedicated Acreage 40	

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 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

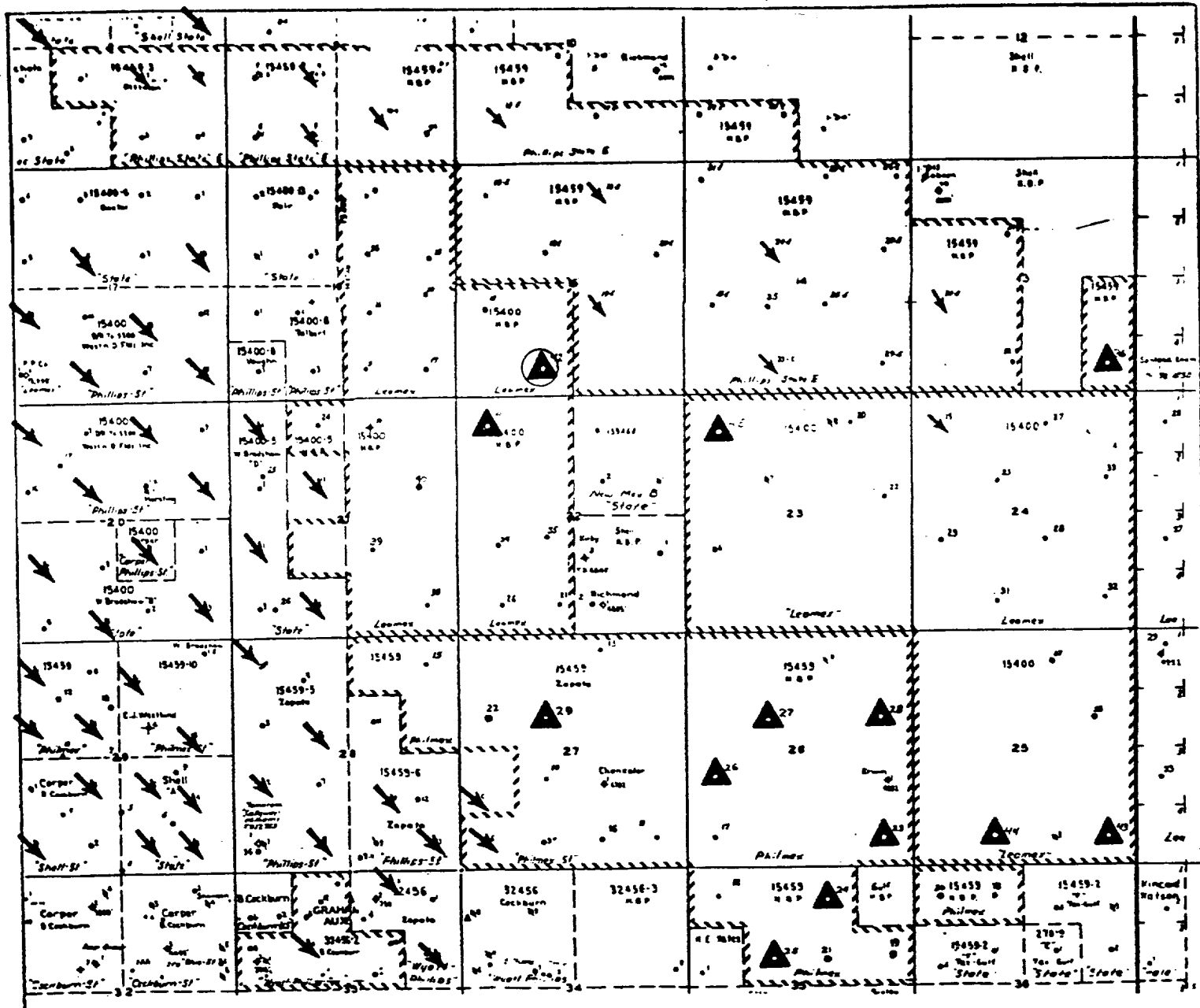
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
August 28, 1987

Registered Professional Engineer and/or Land Surveyor

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

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Existing Injector



PHILLIPS PETROLEUM COMPANY

Leamex Lease

Phillips E State Lease

Philmex Lease

Wyatt A Federal Lease

Maljamar Waterfloods
Lea County, New Mexico



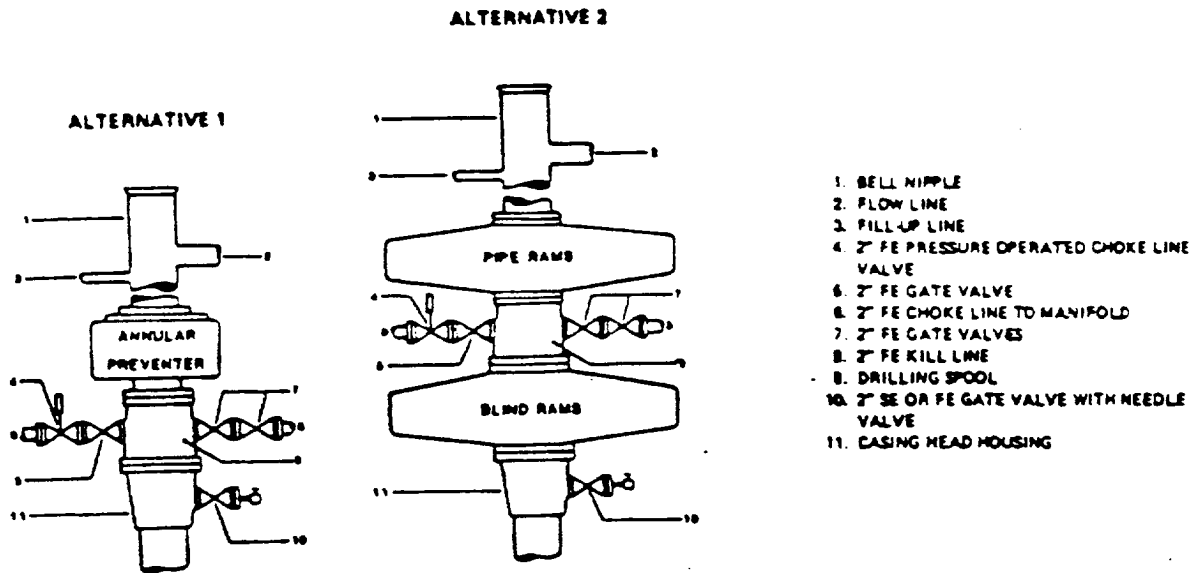
New Well Location



NOTE: Any existing wells contained within quarter-quarter section of proposed new well are operated by Phillips Petroleum Company.

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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

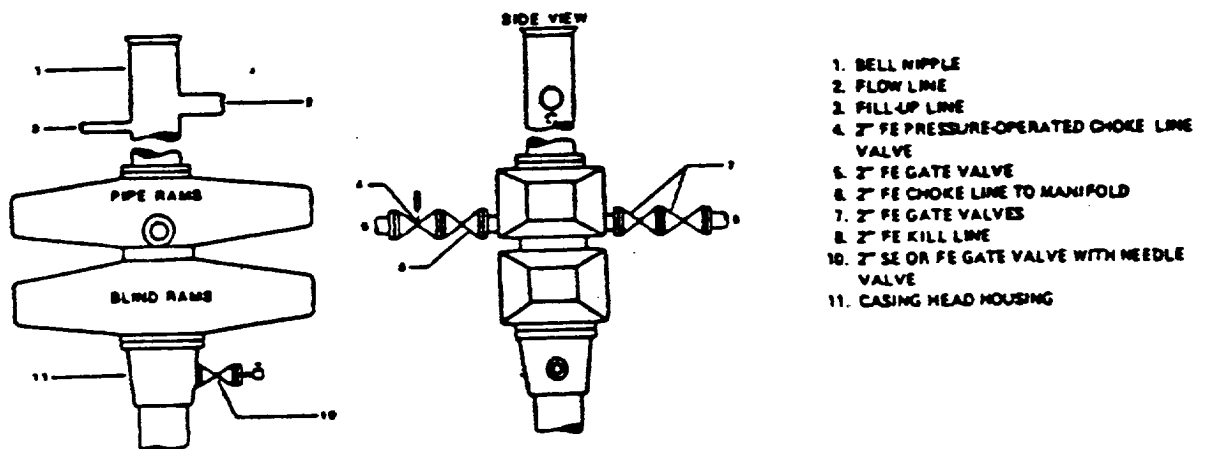


Figure 7-10. Standard Hydraulic Blowout Preventer Assembly (2 M or 3 M Working Pressure) Alternative 3 (without Drilling Spool)

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