STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

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

30-025-30096

Form C-101
Revised 10-1-78

API No. 30-025-

5a. Indicate Type of Lease: State [X] Fee [ ]

5. State Oil & Gas Lease No.: B-2148

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

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

b. Type of Well: Oil Well [X] Gas Well [ ] Other — Single Zone [X] Multiple Zone [ ]

7. Unit Agreement Name:

8. Farm or Lease Name: Leamex

2. Name of Operator: Phillips Petroleum Company

9. Well No.: 43

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

10. Field and Pool, or Wildcat: Maljamar Gb/SA

4. Location of Well: Unit Letter P Located 660 feet From the South Line And 660 Feet From The East Line of Sec. 25 TWP. 17-S RGE 33-E NMPM

12. County: Lea

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
4900'	Grayburg/SA	Rotary

21. Elevations (Show whether DF,RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work Will Start
4110.8' GR (Unprepared)	Blanket	Will advise later	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'	1000 Class C	Surface
7-7/8"	5-1/2"	17 # N-80	4800'	Caliper volume	Surface

(Plus 40% excess. Lead: 50-50 Pozmix ("H") w/5% salt & 6% bentonite. Tail w/500 sx Class "H" 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 17, 1987

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE DATE OCT 9 1987

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval Date Unless Drilling Underway.

C-101/C-101.2

NE MEXICO OIL CONSERVATION COMMISSI

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator	Lease	Well No.
Phillips Petroleum Co.	Leamex	43

Unit Letter	Section	Township	Range	County
P	25	17 South	33 East	Lea

Actual Footage Location of Well:
660 feet from the South line and 660 feet from the East line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
4100.8	Grayburg-San Andres	Maljamar-Grayburg/San Andres	40 Acres

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

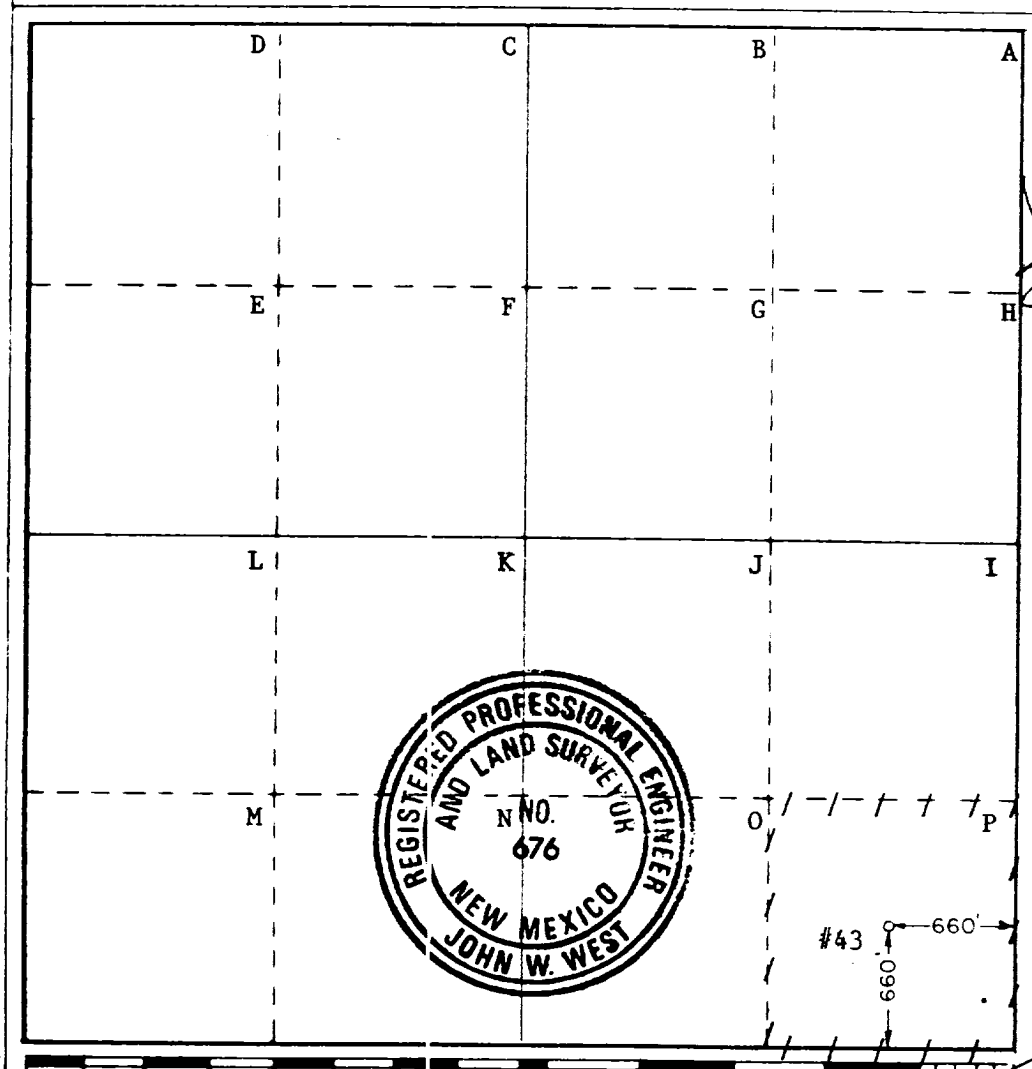
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the 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

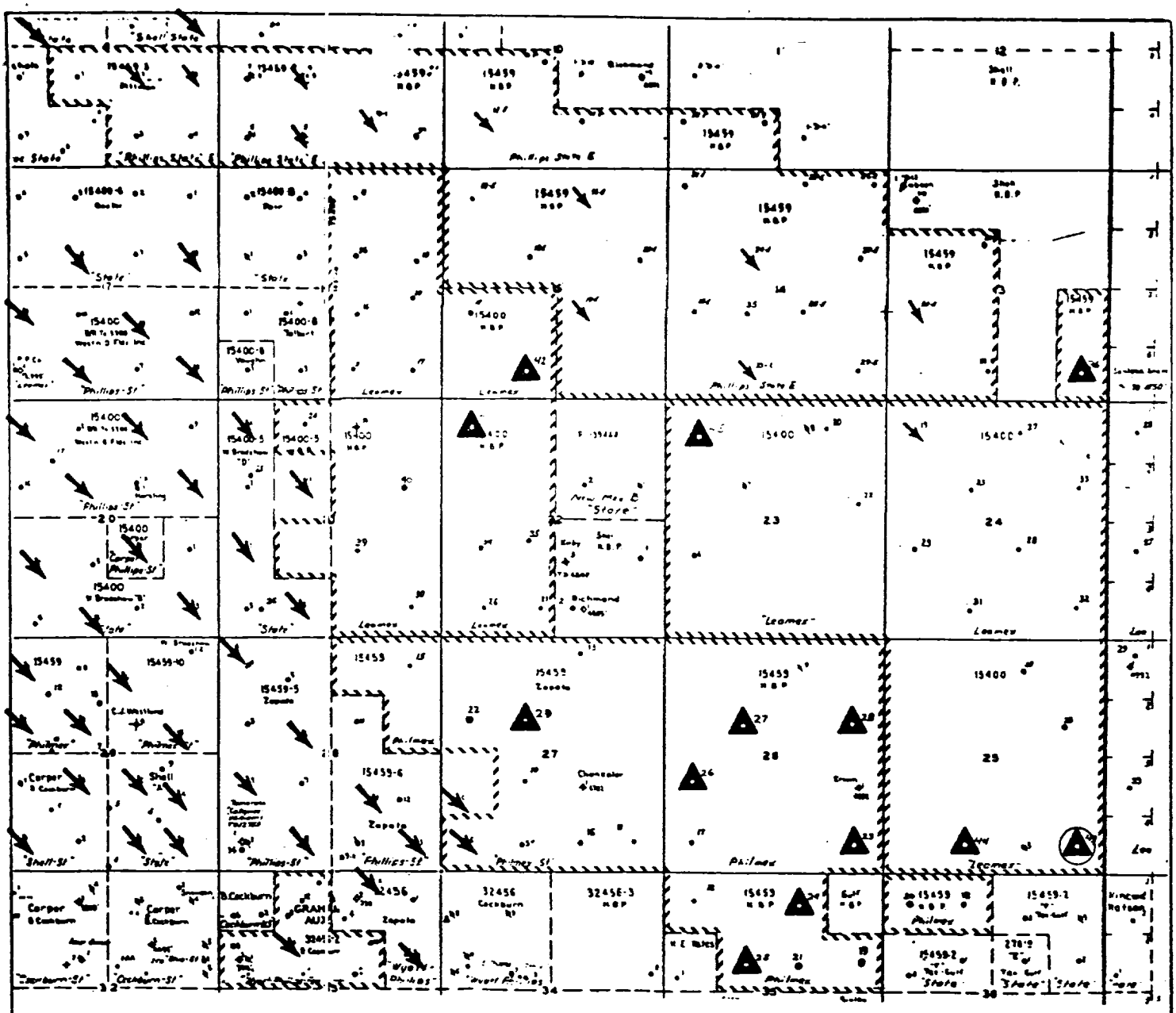
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: August 28, 1987

Registered Professional Engineer and/or Land Surveyor

Certificate No. JOHN W. WEST 676

5560



Existing Injector

Leamex Lease

Phillips E State Lease

Phillmex Lease

Wyatt A Federal Lease

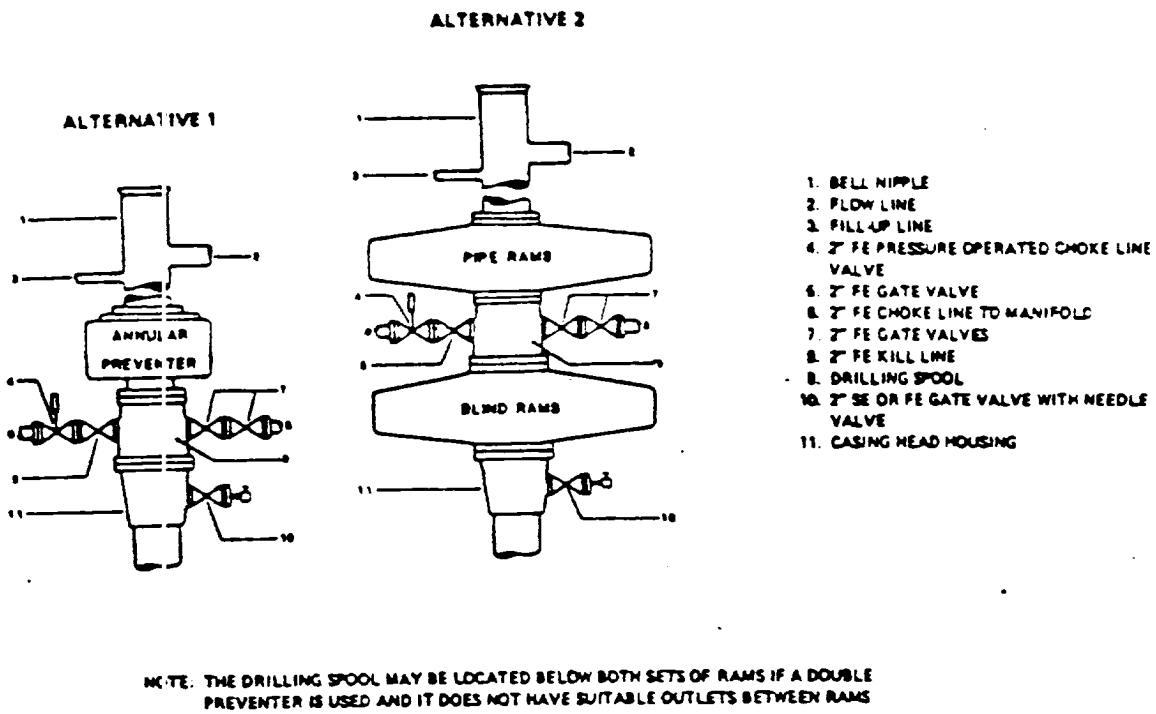
New Well Location

PHILLIPS PETROLEUM COMPANY

Maljamar Waterfloods
Lea County, New Mexico

0 2000' 4000'
SCALE

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



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

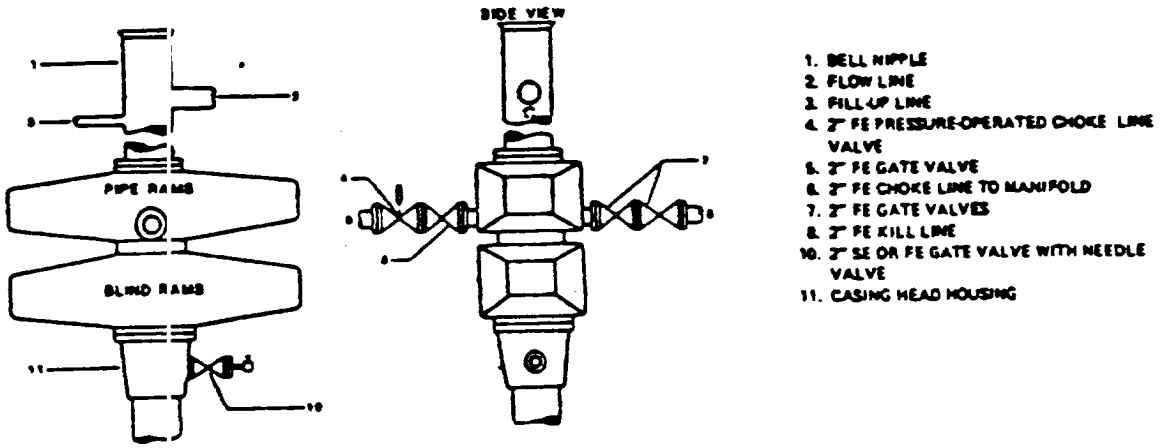


Figure 7-10. Standard Hydraulic Blowout Preventer Assembly (2 M or 3 M Working Pressure) Alternative 3 (without Drilling Spool)