

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

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. B-4118

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name	
b. Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone <input type="checkbox"/>		8. Farm or Lease Name Lea	
2. Name of Operator Phillips Petroleum Company		9. Well No. 42	
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 <u>N</u> Located <u>660</u> feet From the <u>South</u> Line And <u>1980</u> Feet From The <u>West</u> Line of Sec <u>29</u> TWP. <u>17-S RGE 34-E</u> NMPM		12. County Lea	
19. Proposed Depth <u>±4900'</u>		19A. Formation Grayburg/SA	20. Rotary or C T Rotary
21. Elevations (Show whether DF, RT, etc.) 4079.2' 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	±1515'	1000 sx Class "C"	Surface
7-7/8"	5-1/2"	15.5# K-55	±4800'	1400 sx	Surface

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

Use mud additives as required for control

BOP Equip: Series 900, 3000# WP (See attached schematic - Fig. 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 July 15, 1988

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

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

Form 0-211  
Supersedes 0-210  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

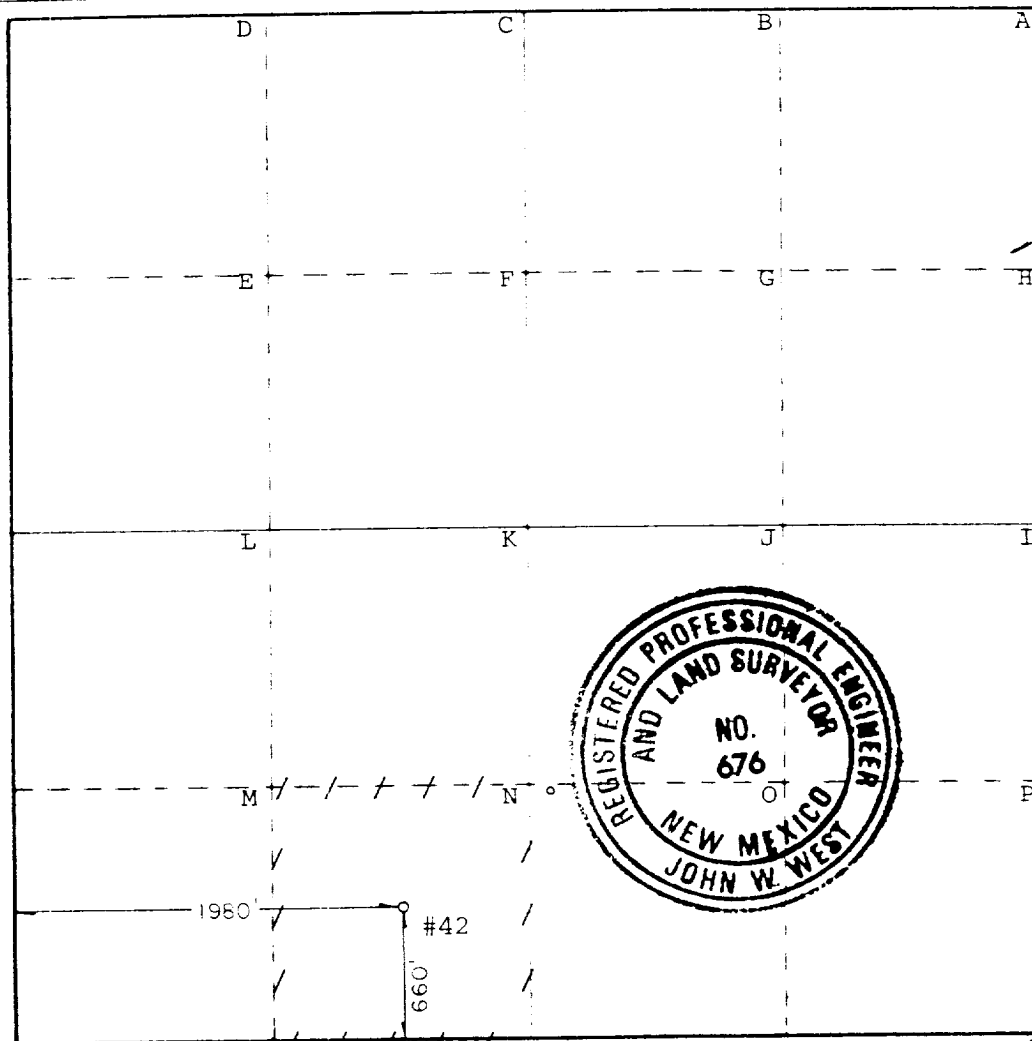
Owner <b>PHILLIPS PETROLEUM COMPANY</b>			Lease <b>LEA</b>		Acres <b>40</b>
Section <b>N</b>	Range <b>34</b>	Township <b>17 South</b>	Range <b>34 EAST</b>	County <b>LEA</b>	
Distance from the North and West 000 feet from the <b>SOUTH</b> line and <b>1980</b> feet from the <b>WEST</b> line					
Ground Level, Elev <b>4074.2</b>	Producing Formation <b>Grayburg-San Andres</b>	Flow <b>Vacuum Grayburg-San Andres</b>	Estimated Acreage <b>40</b>		

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.

*W. J. Mueller*  
**W. J. Mueller**

Engineering Supervisor, Resv.

Phillips Petroleum Company

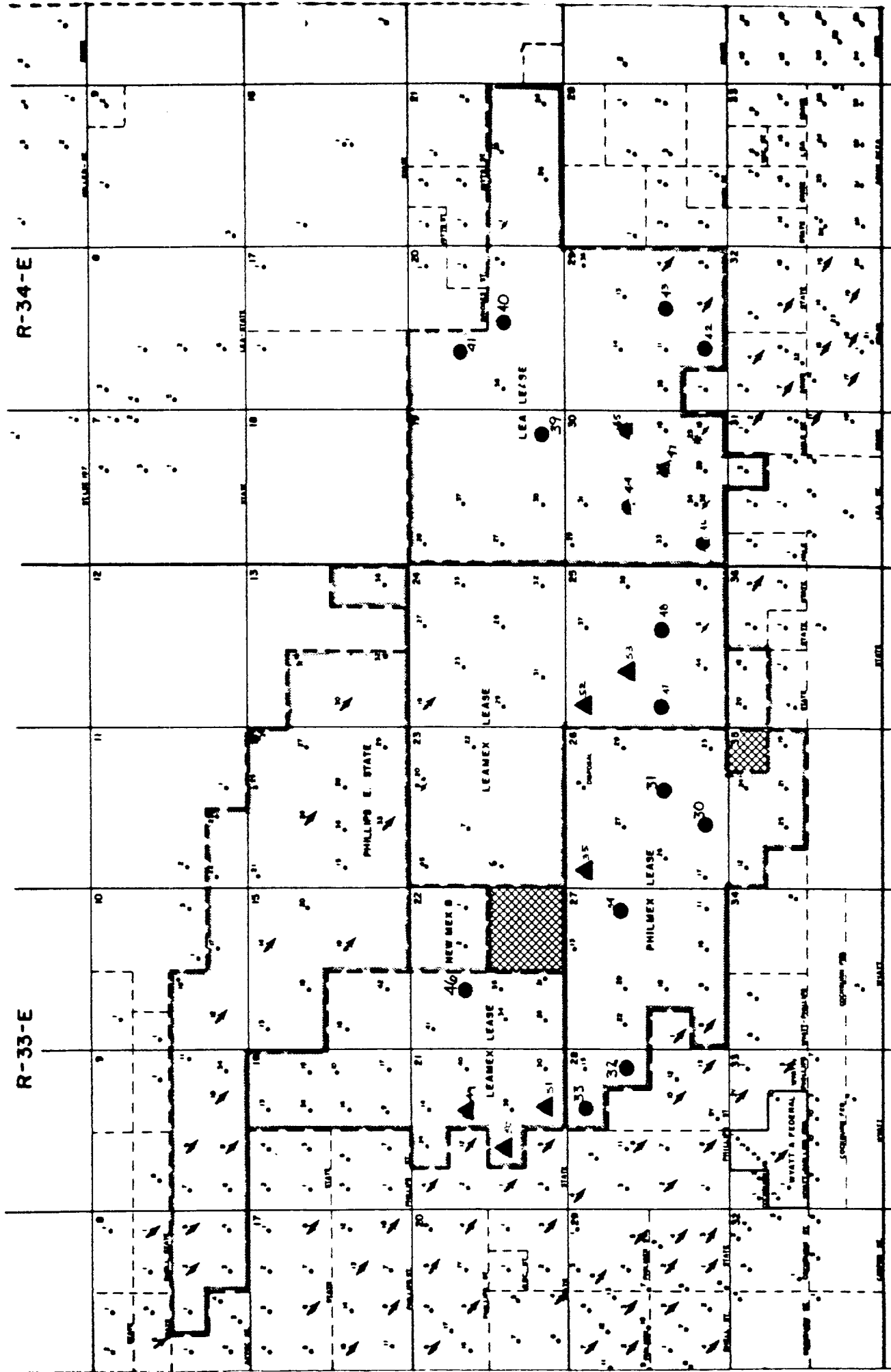
Date  
**July 15, 1988**

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  
**MAY 7, 1988**

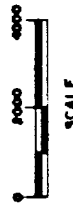
Registered Professional Engineer and Land Surveyor

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

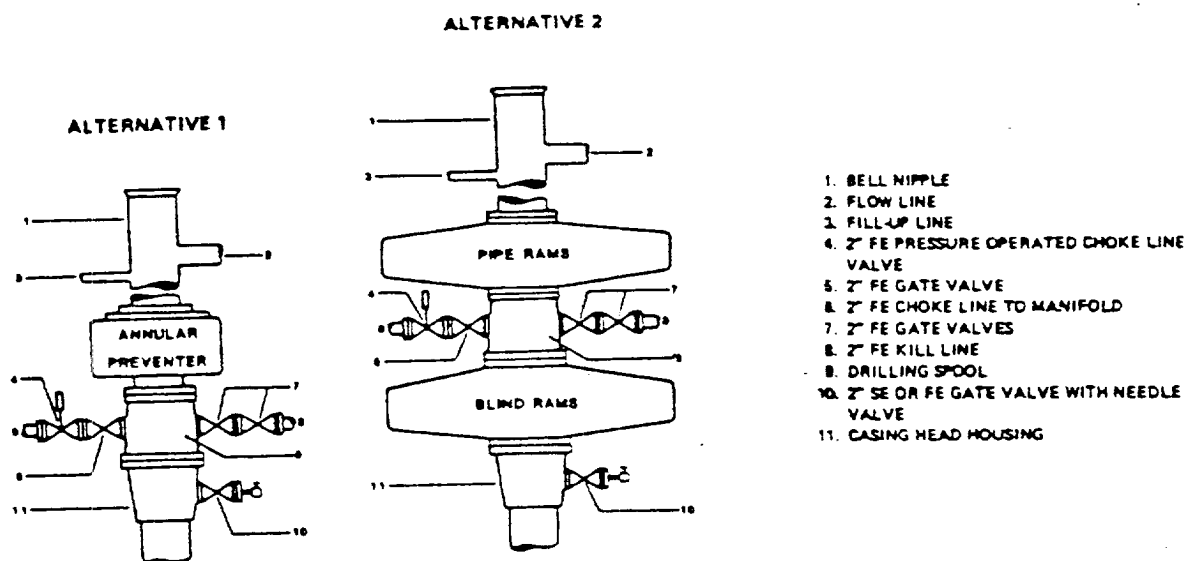


**MALJAMAR - VACUUM**  
**Leo Co., New Mexico**

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



# 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

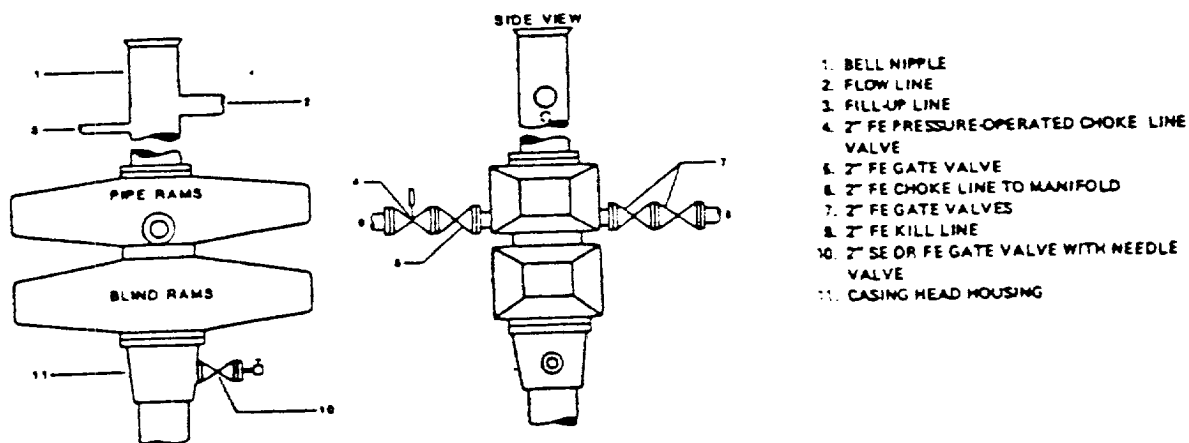


Figure 7-10. Standard Hydraulic Blowout Preventer Assembly (2 M or 3 M Working Pressure) Alternative 3 (without Drilling Spool)

9-12-88  
780

ELF  
173