

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2085
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

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 ☐ Well ☒ Single Zone ☒ Multiple Zone ☐ Other ☐

2. Name of Operator
Phillips Petroleum Company

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

4. Location of Well
Unit Letter **K** Located **1650 feet** From the **South Line**
And **1980 feet** From The **West** Line of Sec 21 TWP 17-S RGE 33-E NMPM

7. Unit Agreement Name

8. Farm or Lease Name
Leamex

9. Well No
50

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

12. County
Lea

19. Proposed Depth + 4900'	19A. Formation Grayburg/SA	20. Rotary or C.T. Rotary
21. Elevations (Show whether D.F.R.T., etc.) 4182.4' 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	+ 1415'	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 - 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 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 7-72
Superseded Edition
Date May 1975

All distances must be from the outer boundaries of the Section

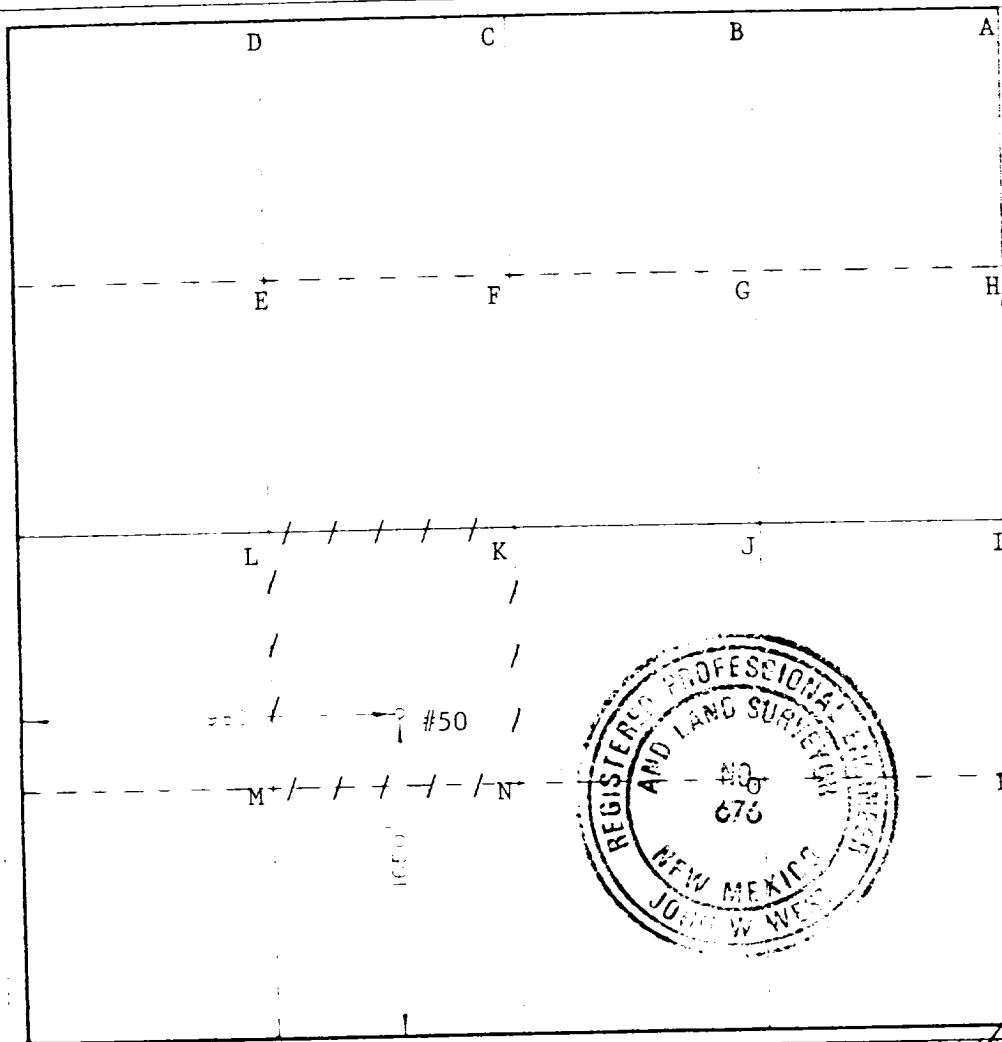
Section		Twp		Range	
17 South		10 East		10 East	
County		State		Section	
Grayburg-San Andres		New Mexico		17	
Acres		Tract Description		Section	
40		Vacuum-Grayburg/San Andres		17	

1. Outline the acreage dedicated to the subject well by colored pencil or rubber 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, force-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.

[Signature]
W. J. Mueller

Engineering Supervisor, Resy.

Phillips Petroleum Company

July 15, 1988

I hereby certify that the well location shown on this plat was plotted from field notes or 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

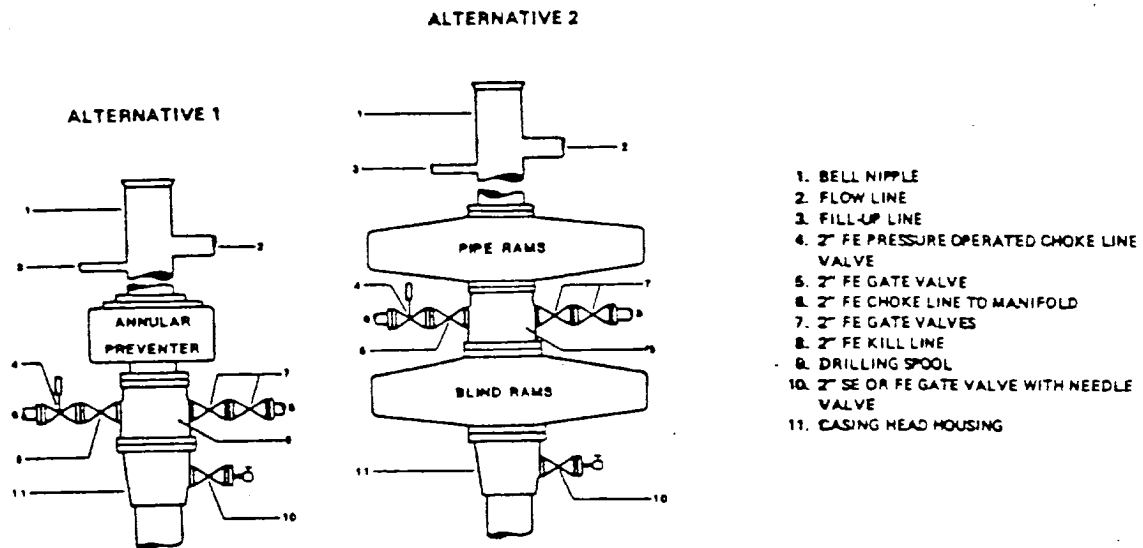
July 15, 1988

Registered Professional Engineer

[Signature]

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

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

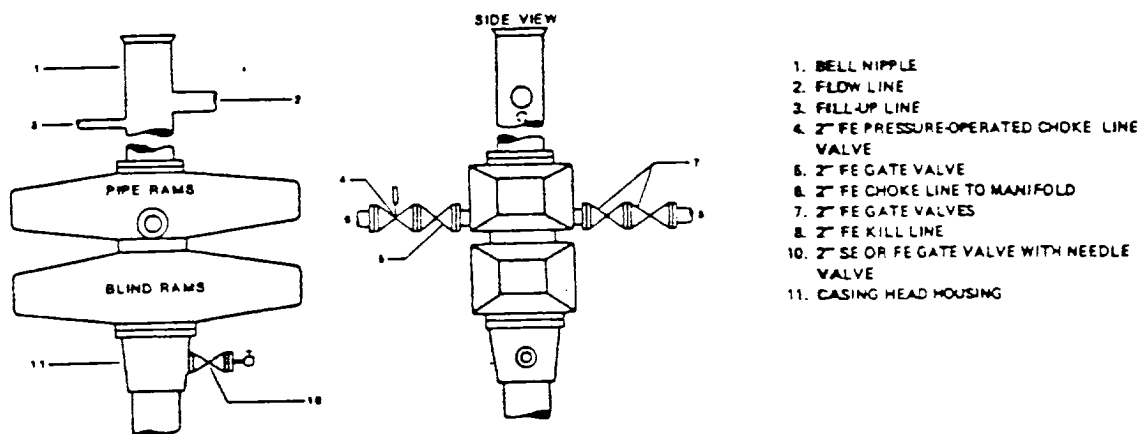


Figure 7-10. Standard Hydraulic Blowout Preventer Assembly (2 M or 3 M Working Pressure) Alternative 3 (without Drilling Spool)