

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

API No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5A. Indicate Type of Lease
STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
B-2073

7. Unit Agreement Name

8. Farm or Lease Name
Cheryl-A

9. Well No.
2

10. Field and Pool, or Wildcat
Eumont-Oil

12. County
Lea

1a. Type of Work
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. Type of Well
OIL WELL ☒ GAS WELL ☐ OTHER ☐
SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator
Phillips Petroleum Company

3. Address of Operator
Room 401, 4001 Penbrook Street, Odessa, Texas 79762

4. Location of Well
UNIT LETTER 0 LOCATED 520 FEET FROM THE South LINE
AND 1870 FEET FROM THE East LINE OF SEC. 31 TWP. 18-S RGE. 37-E NMPM

19. Proposed Depth
4,100'

19A. Formation
Penrose (Queen)

20. Rotary or C.T.
Rotary

21. Elevator (Show whether DF, RT, etc.)
3728.7' Gr (Unprepared)

21A. Kind & Status Plug. Bond
Blanket

21B. Drilling Contractor
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, ST&C	300'	350 Sx Class "C" w/2% CaCl ₂ & 1/4#/sx Cellophane. Circulated to Surface.	
7-7/8"	4-1/2"	11.6#, N-80	4,100	Caliper Volume + 30% excess TLW w/10% Diacel D & 12#/sx salt & 1/4#/sx Cellophane & 3#/sx Gilsonite. Circulated to Surface.	

Use mud additives as required for control.

BOP Equipment: Series 900, 3000# WP, per PPCo Standards, Per Figure 7-9 or 7-10 Attached.

See Amended Location

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4/1/79
UNLESS DRILLING UNDERWAY

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 *[Signature]* W. J. Mueller Title Senior Engineering Specialist Date October 13, 1983

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY HENRY SEXTON
DISTRICT SUPERVISOR TITLE DATE OCT 17 1983

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
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

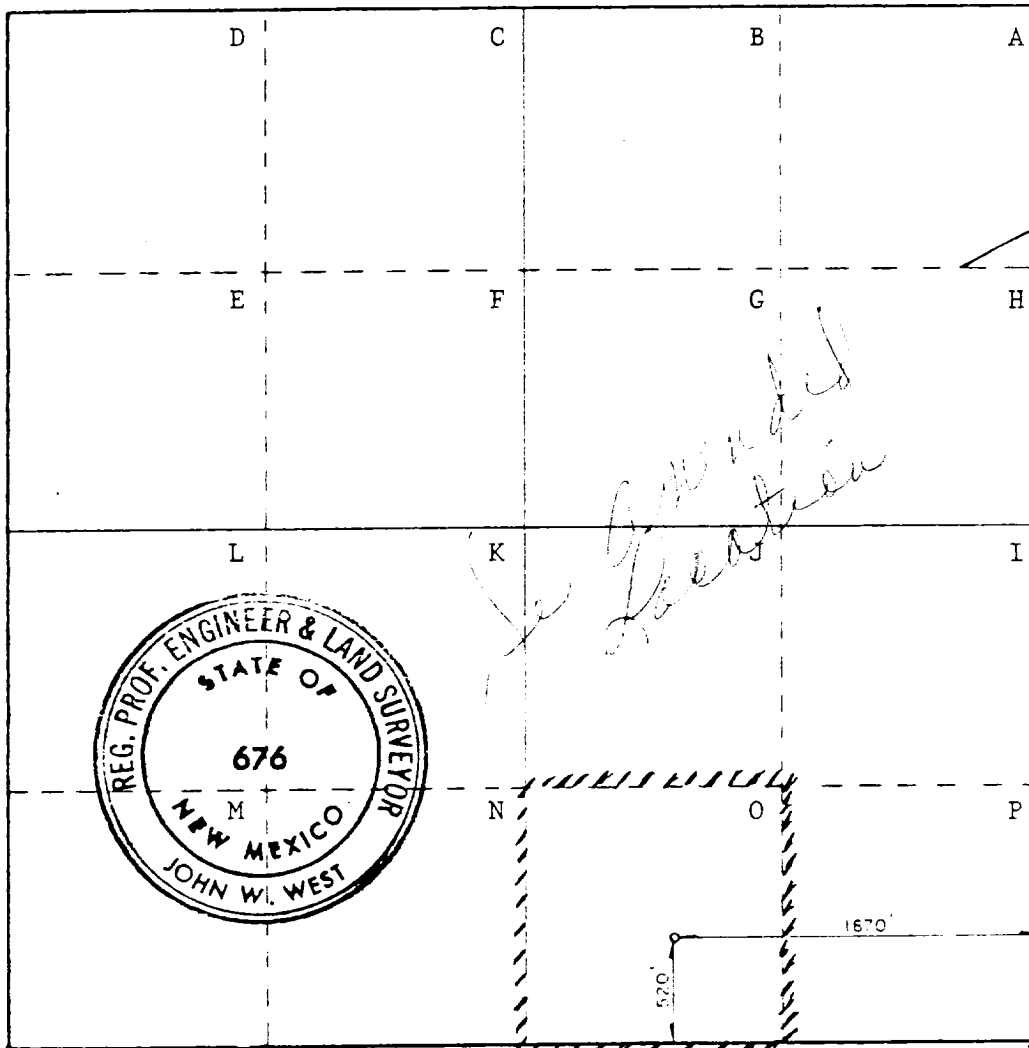
Operator PHILLIPS PETROLEUM COMPANY		Lease CHERYL-5A		Well No. 2
Section Letter 0	Section 31	Township 18 SOUTH	Range 37 EAST	County LEA
Well Location of Well: 520 feet from the SOUTH line and 1870 feet from the EAST line				
Ground Level Elev. 3728.7	Producing Formation Penrose (Queen)	Pool Eumont-Oil	Dedicated Acreage 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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

[Signature]
W. J. Mueller

Position
Senior Engineering Specialist

Company
Phillips Petroleum Company

Date
October 13, 1983

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

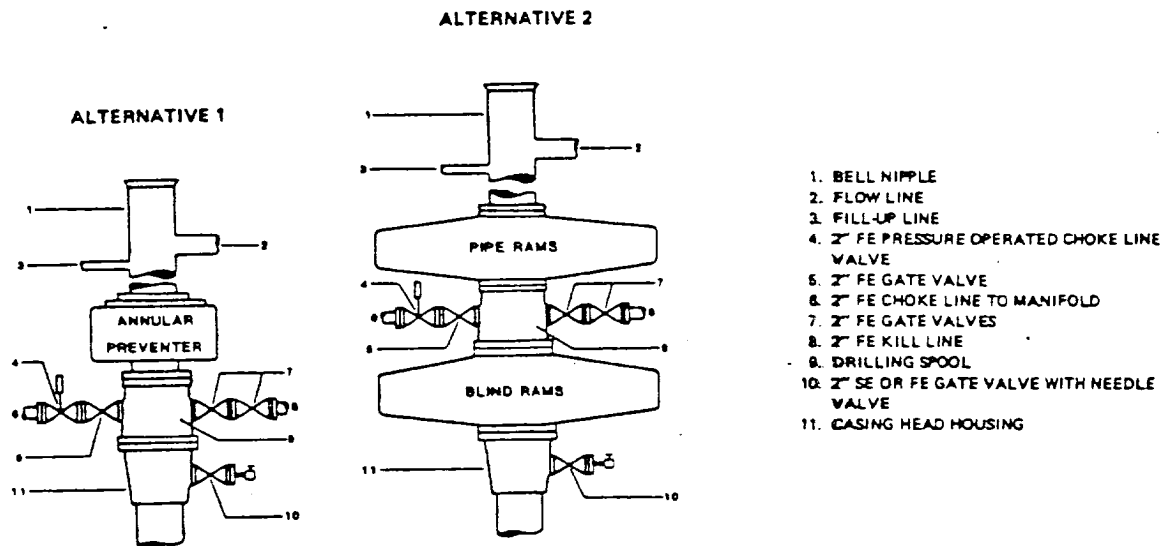
Date Surveyed
10/10/83

Registered Professional Engineer and or Land Surveyor

[Signature]

Certificate No. **JOHN W. WEST 676**
RONALD E. JOHNSON 3729

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

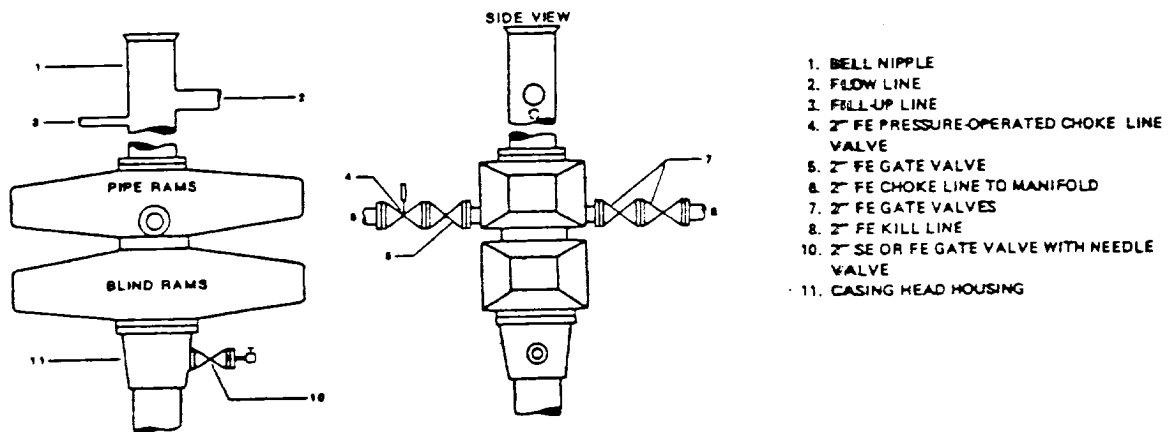


Figure 7-10. Standard Hydraulic Blowout Preventer Assembly
(2 M or 3 M Working Pressure) Alternative 3 (without Drilling Spool)