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OPERATOR	

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/>
5. State Oil & Gas Lease No. LG-1539
7. Unit Agreement Name
8. Farm or Lease Name Phillips "E" St.
9. Well No. 1
10. Field and Pool, or Wildcat Dean Permo-Penn
17. County Lea

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		2. Name of Operator Yates Petroleum Corporation		7. Unit Agreement Name	
3. Address of Operator 207 S. 4th, Artesia, New Mexico 88210		8. Farm or Lease Name Phillips "E" St.		9. Well No. 1	
4. Location of Well UNIT LETTER M LOCATED 990 FEET FROM THE South LINE AND 330 FEET FROM THE West LINE OF SEC. 36 TWP. 15S RGE. 36E NMPM		10. Field and Pool, or Wildcat Dean Permo-Penn		17. County Lea	
13. Proposed Depth 11,700'		19A. Formation Strawn		20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, KI, etc.) 3842.5'		21A. Kind & Status Plug. Bond Blanket		22. Approx. Date Work will start ASAP	

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48# J-55	375'	400 sx	circ
12 1/4"	8 5/8"	24# J-55	4925'	1300 sx	400'
7 7/8"	5 1/2"	17# N-80-L	TD	450 sx	9200'
		17# N-55-L			
		17# N-55-S			
		17# N-80-L			

We propose to drill a 11,700' well and test the Strawn and intermediate formations. Approximately 325' of surface casing will be set and cement circulated and approximately 4925' of intermediate will be set and cement circulated back to about 400'. Production casing will be set to TD and cemented back to approximately 9200'.

MUD PROGRAM: FW gel to 375', Native mud 4200', Water/paper to 7500'.

BOP PROGRAM: BOP's will be installed at the offset and tested daily.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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: Missina Rodriguez Title: Regulatory Agent Date: 1/16/84

(This space for State Use)

ORIGINAL SIGNED BY EDDIE SEAY

APPROVED BY: OIL & GAS INSPECTOR TITLE: \_\_\_\_\_ DATE: JAN 18 1984

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 7/19/84  
UNLESS DRILLING UNDERWAY.

2000-0000  
JAN 18 1984  
C.G.B.  
HOLDS OFFICE

**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.

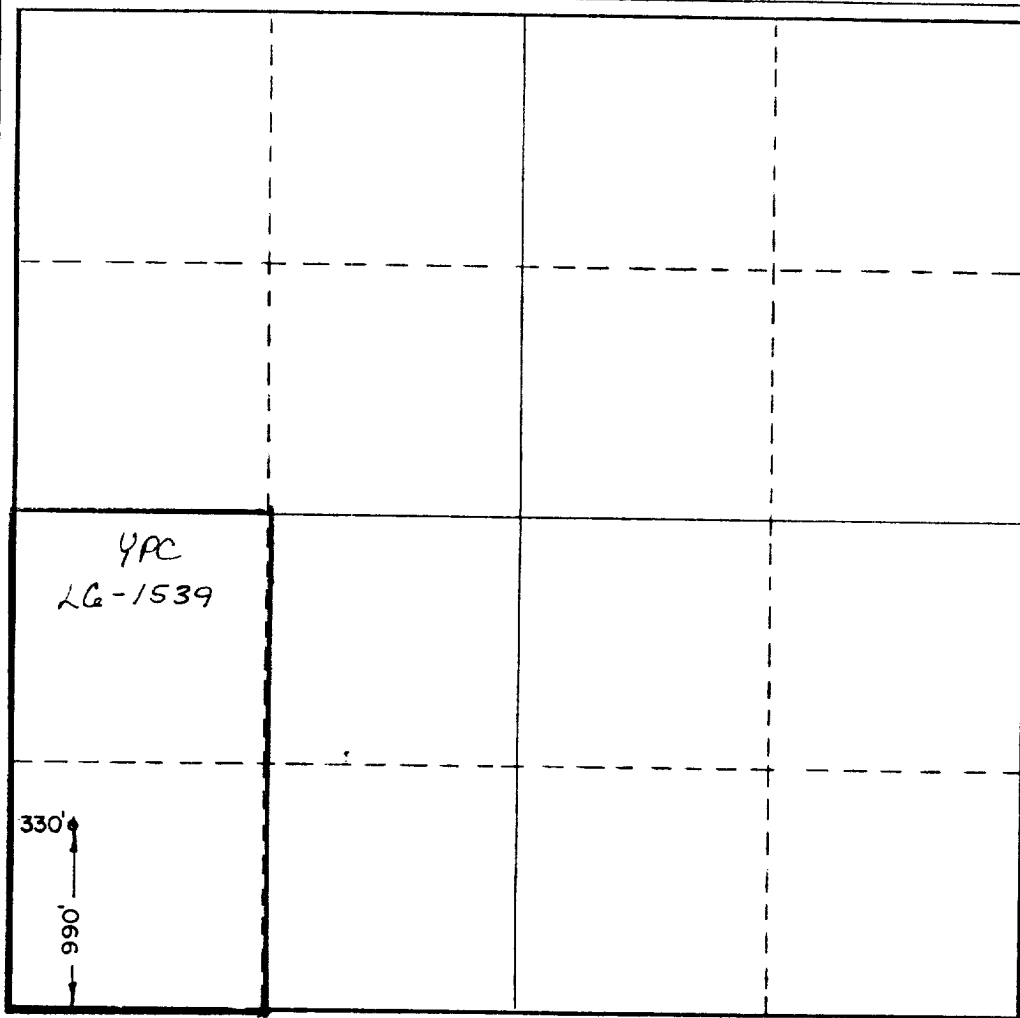
Operator <b>YATES PETROLEUM CORPORATION</b>			Lease <b>PHILLIPS "YX" STATE</b>		Well No. <b>1</b>
Unit Letter <b>M</b>	Section <b>36</b>	Township <b>15 South</b>	Range <b>36 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>990</b> feet from the <b>South</b> line and <b>330</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3842.5</b>	Producing Formation <b>Strawn</b>	Pool <b>Dean Permo-Penn</b>		Dedicated Acreage: <b>80</b> 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.

*Gliserio Rodriguez*  
Name

**Gliserio Rodriguez**  
Position

**Regulatory Agent**  
Company

**Yates Petroleum Corp.**  
Date

**1/16/84**

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 Signed

Registered Professional Engineer  
and/or Land Surveyor

Certificate No.

**3640**

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Rotating head if necessary  
2" Fill up Line

ROTATING  
BOP  
2000 psi

Flowline

ANNULAR BOP

(Hydrill)

900

PIPE RAMS

900

Shaffer 10" Series 900

Hydraulically Operated B.O.P.'s

BLIND  
RAMS

900

Check Valve

Steel  
Valve

2" Inch Kill  
Line

4" Inch Line

900

Choke  
Manifold

Choke  
Manifold

Casinghead or Bradenhead

#### THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

1. All preventers to be hydraulically operated with secondary manual control installed prior to drilling out from under casing.
2. Choke outlet to be a minimum of 4" diameter.
3. Kill line to be of all steel construction of 2" minimum diameter.
4. All connections from operating manifolds to preventers to be all steel. hole or tube a minimum of one inch in diameter.
5. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.
6. All connections to and from preventer to have a pressure rating equivalent to that of the B.O.P.'s.
7. Inside blowout preventer to be available on rig floor.
8. Operating controls located a safe distance from the rig floor.
9. Hole must be kept filled on trips below intermediate casing.
10. D. P. float must be installed and used below zone of first gas intrusion

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7/8/84  
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