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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. LG-8294
7. Unit Agreement Name
8. Farm or Lease Name Heyco "YL" State
9. Well No. 1
10. Field and Pool, or Wildcat Tulk Penn, Undes.
11. County Lea

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
c. Name of Operator Yates Petroleum Corporation
d. Address of Operator 207 S. 4th, Artesia, New Mexico 88210
e. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE OF SEC. 22 TWP. 14S RGE. 32E

12. Proposed Depth 10,150'	13A. Formation Permo-Penn	13B. Rotary or C.T. Rotary
14. Elevation (show whether DR, HI, etc.) 4315.1' GL	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Landis #3
22. Approx. Date work will start ASAP		

13. 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	450'	400 sx	circ
12 1/4"	8 5/8"	24# J-55	4200'	1300 sx	400'
7 7/8"	5 1/2"	17# N-80-L	TD	450 sx	9200'
		17# K-55-L			
		17# K-55-S			
		17# N-80-L			

We propose to drill a 10,150' well and test the Permo-Penn and intermediate formations. Approximately 450' of surface casing will be set and cement circulated and approximately 4200' of intermediate casing 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 450', native mud 4200', water/paper to 7500', starch/drispak/KCL to TD.

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

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 Gustavo Rodriguez Title Regulatory Agent Date 11/16/83

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
APPROVED BY DISTRICT SUPERVISOR TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

NOV 28 1983

APPROVED FOR 180 DAYS
PERMIT EXPIRES 5/28/84
UNLESS DRILLING UNDERWAY

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

Form C-192
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

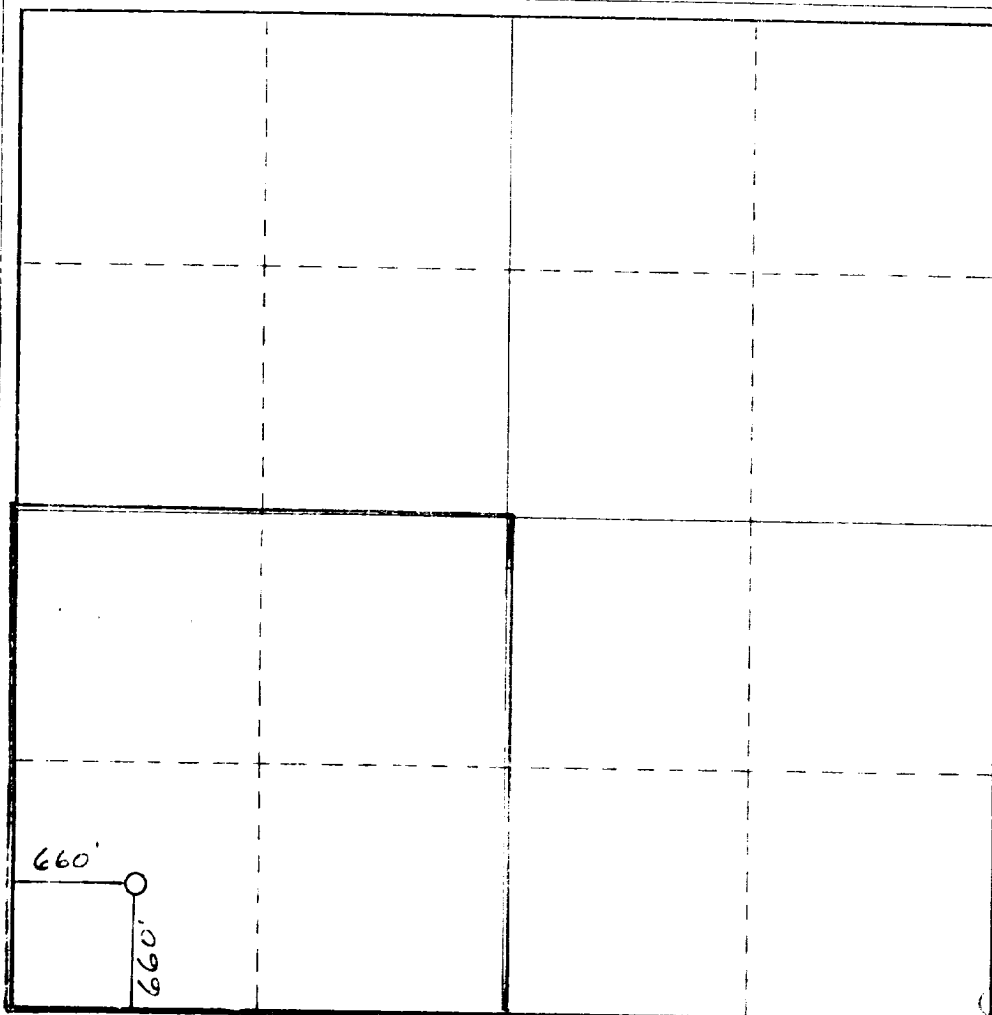
Operator YATES PETROLEUM CORPORATION			Lease Heyco "YL" State		Well No. 1
Unit Letter M	Section 22	Township 14 South	Range 32 East	County Lea	
Actual Location Location of Well:					
660 feet from the South line and		660 feet from the West line			
Ground Level Elev. 4315.1' GL	Producing Formation 111	Per 1 111	Dedicated Acreage: 1/6		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 _____
 Position _____
 Company _____
 Date _____

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
November 18, 1983
 Registered Professional Engineer
 and/or Land Surveyor

 Certificate No.
3640

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 controls 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. B. P. float must be installed and used below zone of first gas intrusion.

Handwritten scribbles and marks in the bottom left corner.

10-20-83
10-20-83