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NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

JAN 26 1983

O. C. D.

ARTESIA OFFICE

Form C-101  
Revised 1-1-83

5A. Indicate Type of Lease

STATE ☐ FEE ☒

5. State of New Mexico

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. Date of Permit Issue	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Term of Lease (Time)	
c. Name of Operator Yates Petroleum Corporation		9. Well No. 1	
d. Address of Operator 207 S. 4th, Artesia, New Mexico 88210		10. Field and Pool, or District Penasco Draw/Morrow	
4. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE OF SEC. 15 TWP. 18S RGE. 25E NMPM		11. Locality Eddy	
12. Proposed Depth 8800'		19A. Formation Morrow	
12A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor McVay	
21. 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	360'	300 sx	circulated
12 1/4"	8 5/8"	24# J-55	1200'	500 sx	circulated
7 7/8"	4 1/2" or 5 1/2"	9.5# 15.5#	TD	400 sx	

We propose to drill and test the Morrow and intermediate formations. Approximately 360' of surface casing will be set and cement circulated to shut off gravel and caving. Intermediate casing will be set at 100' below the Artesian Water Zone. If commercial, production casing will be run and cemented with adequate cover, perforated, and stimulated for production.

MUD PROGRAM: FW gel and LCM to 1200', FW to 4100', 2% KCL water to 6300' starch/driskap/KCL to 8200', starch/driskap/KCL to TD.

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

GAS NOT DEDICATED.

APPROVAL VALID FOR 180 DAYS  
PERMIT NUMBER 1-25-83  
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 Glenn R. Kelly Title Agent Date 1-26-83  
(This space for State Use)

APPROVED BY Mike Wilman TITLE OIL AND GAS INSPECTOR DATE JAN 25 1983  
CONDITIONS OF APPROVAL, IF ANY:

Not to be used in efficient  
the casing

Partial A.P.P.  
88-19-1-25-83  
1-28-83

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>Whirlwind WL</b>		Well No. <b>1</b>
Tract Letter <b>M</b>	Section <b>15</b>	Township <b>18 South</b>	Range <b>25 East</b>	County <b>Eddy</b>	
Actual Surface Location of Well:					
<b>660</b> feet from the <b>South</b> line and		<b>660</b> feet from the <b>West</b> line			
Ground Level Elev. <b>3533.</b>	Producing Formation <b>MORROW</b>	Pool <b>PENASCO DRAW-MORROW</b>	Dedicated Acreage <b>320</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.

*Glen Rodriguez*  
Name

**AGENT**

Position:

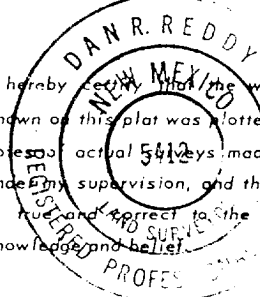
**YATES PETROLEUM CORP**

Company

**1-24-83**

Date

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

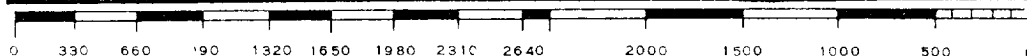
**January 16, 1983**

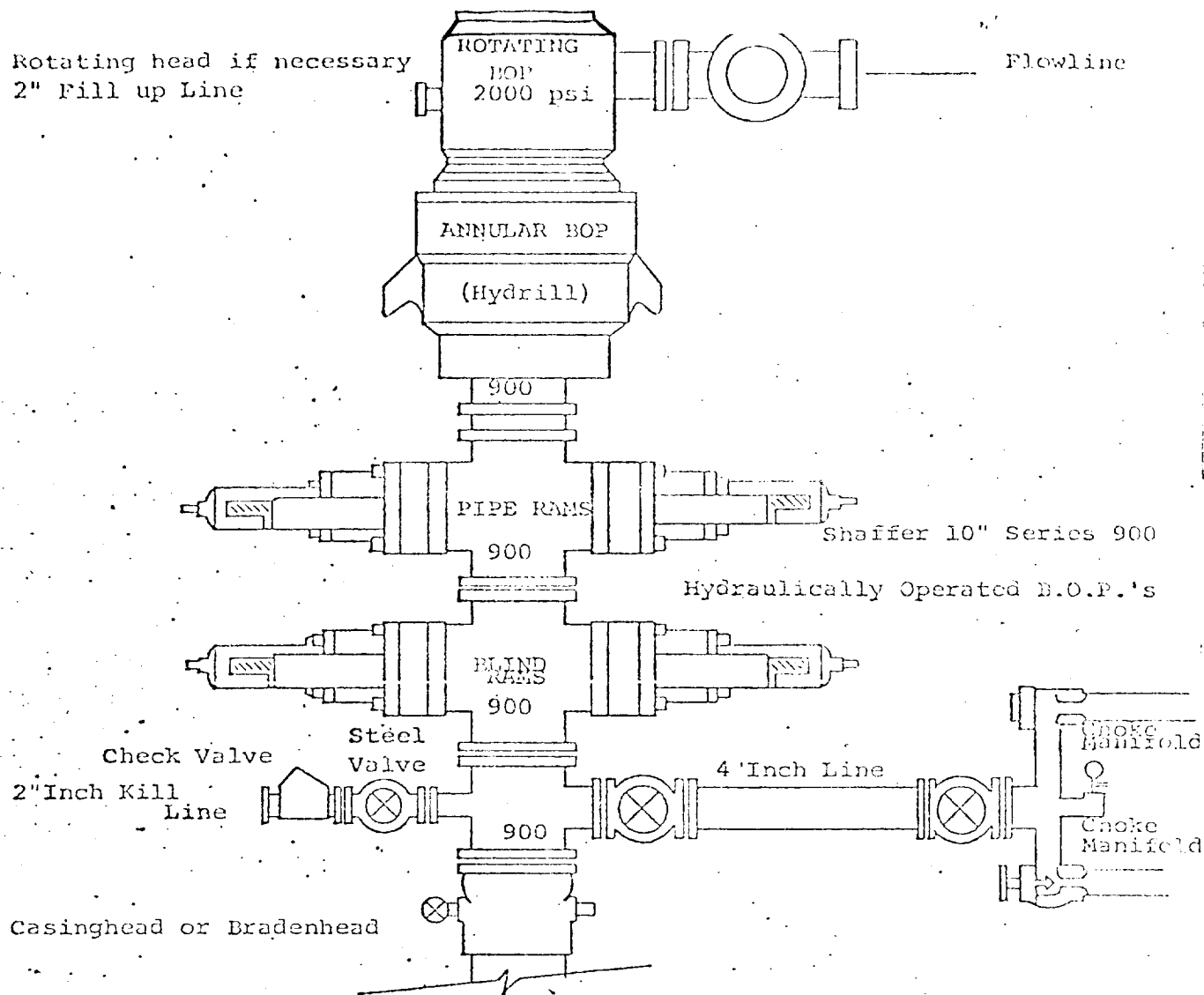
Registered Professional Engineer and/or Land Surveyor

*Dan R. Reddy*

Certificate No.

**NM PE&LS #5412**





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. Operator not responsible for blowouts resulting from not keeping hole full.
10. D. P. float must be installed and used below zone of first gas intrusion.