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NEW MEXICO OIL CONSERVATION COMMISSION

FEB 12 1980

O. C. D.  
ARTESIA, OFFICE

30-015-23179

Form C-101  
Revised 1-1-65

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

a. Type of Work		5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		5. State Oil & Gas Lease No. OG 783	
c. Name of Operator Yates Petroleum Corporation		7. Unit Agreement Name	
d. Address of Operator 207 South 4th Street, Artesia, New Mexico 88210		8. Farm or Lease Name Greasewood BD State	
e. Location of Well UNIT LETTER C LOCATED 990 FEET FROM THE North LINE ND 2310 FEET FROM THE West LINE OF SEC. 6 TWP. 19S RGE. 25E NMPM		9. Well No. 4	
		10. Field and Pool, or Wildcat Penasco Draw (Yeso, S.A.)	
		12. County Eddy	
f. Elevations (Show whether DF, RT, etc.) 3634 GL		19. Proposed Depth 3150	19A. Formation Yeso
21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Cactus Drilling Co.	20. Rotary or C.T. Rotary	
		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
15"	10 3/4"	32.75	approx. 320'	275	circulated
9 5/8"	7"	20#	approx. 1000'	500	Circulated
6 1/4"	4 1/2"	9.5	approx. 3150'	200	Circulated

Propose to drill a Yeso test well. Approximately 320' of surface casing will be set to shut off gravel and caving, and intermediate casing will be set 100' below the Artesian Water Zone. A 4 1/2" production string will be run to TD and all strings circulated. Well will be perforated and stimulated for production.

MUD PROGRAM: F.W. gel and LCM to 1000', fresh water to TD.

BOP PROGRAM: BOP's will be installed on the 7" casing and tested, pipe rams daily blind rams on trips.

APPROVAL VALID  
FOR 90 DAYS  
DATE 5-12-80

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.

By Glenn R. Ferguson Title Geographer Date 2/11/80  
(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE FEB 12 1980

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to  
surface behind all casing

Notify N.M.O.C.C. in sufficient  
time to witness cementing  
the 7"

## WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes C-128  
Effective 1-1-65

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

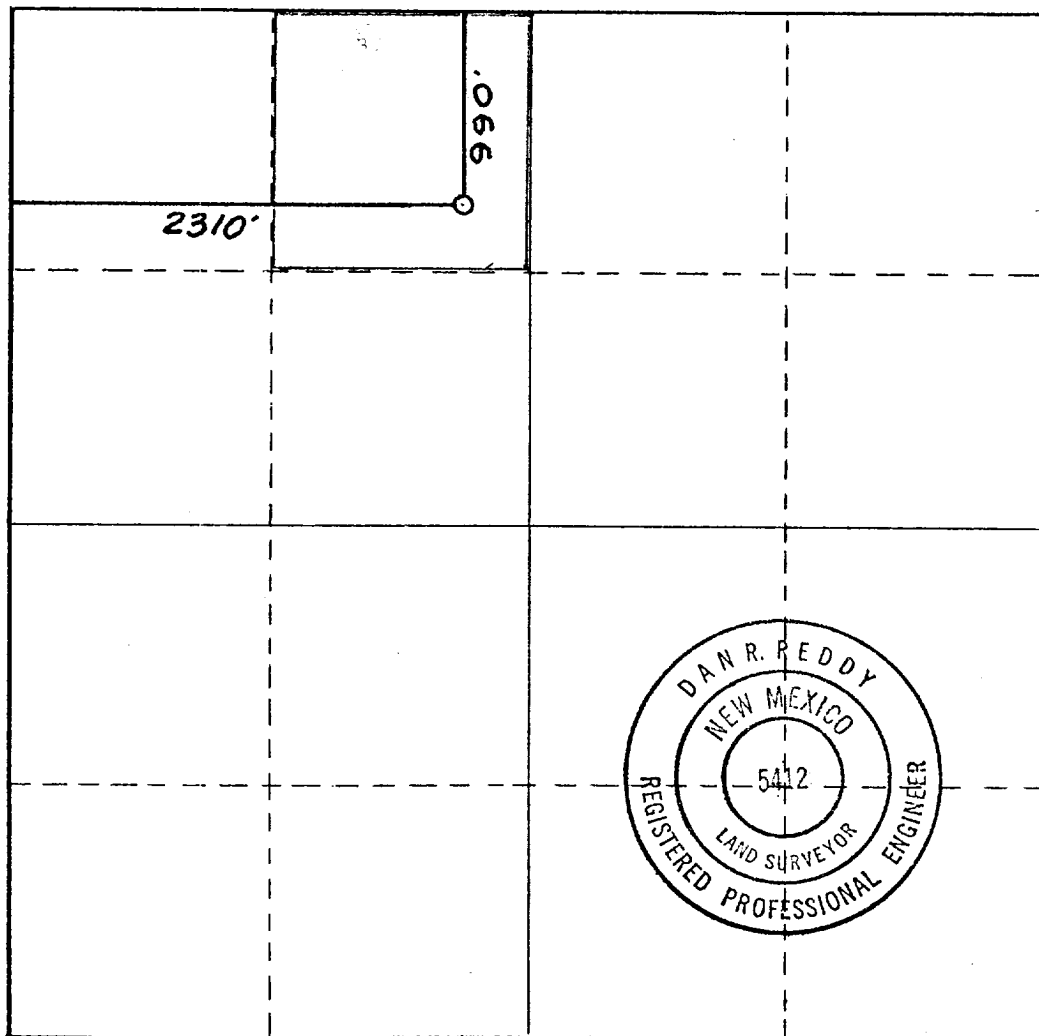
Operator <b>YATES PETROLEUM CORPORATION</b>			Lease <b>Greasewood BD State</b>		Well No. <b>4</b>
Unit Letter <b>C</b>	Section <b>6</b>	Township <b>19 South</b>	Range <b>25 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>990</b> feet from the <b>North</b> line and <b>2310</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3634</b>	Producing Formation <b>Yeso</b>		Pool <b>Penasco Draw (Yeso, S.A.)</b>	Dedicated Acreage: <b>40</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.

*Eddie M. Mahfood*

Name

**EDDIE M. MAHFOOD**

Position

**Engineer**

Company

**Yates Petroleum Corp**

Date

**2-12-80**

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

**Feb. 12, 1980**

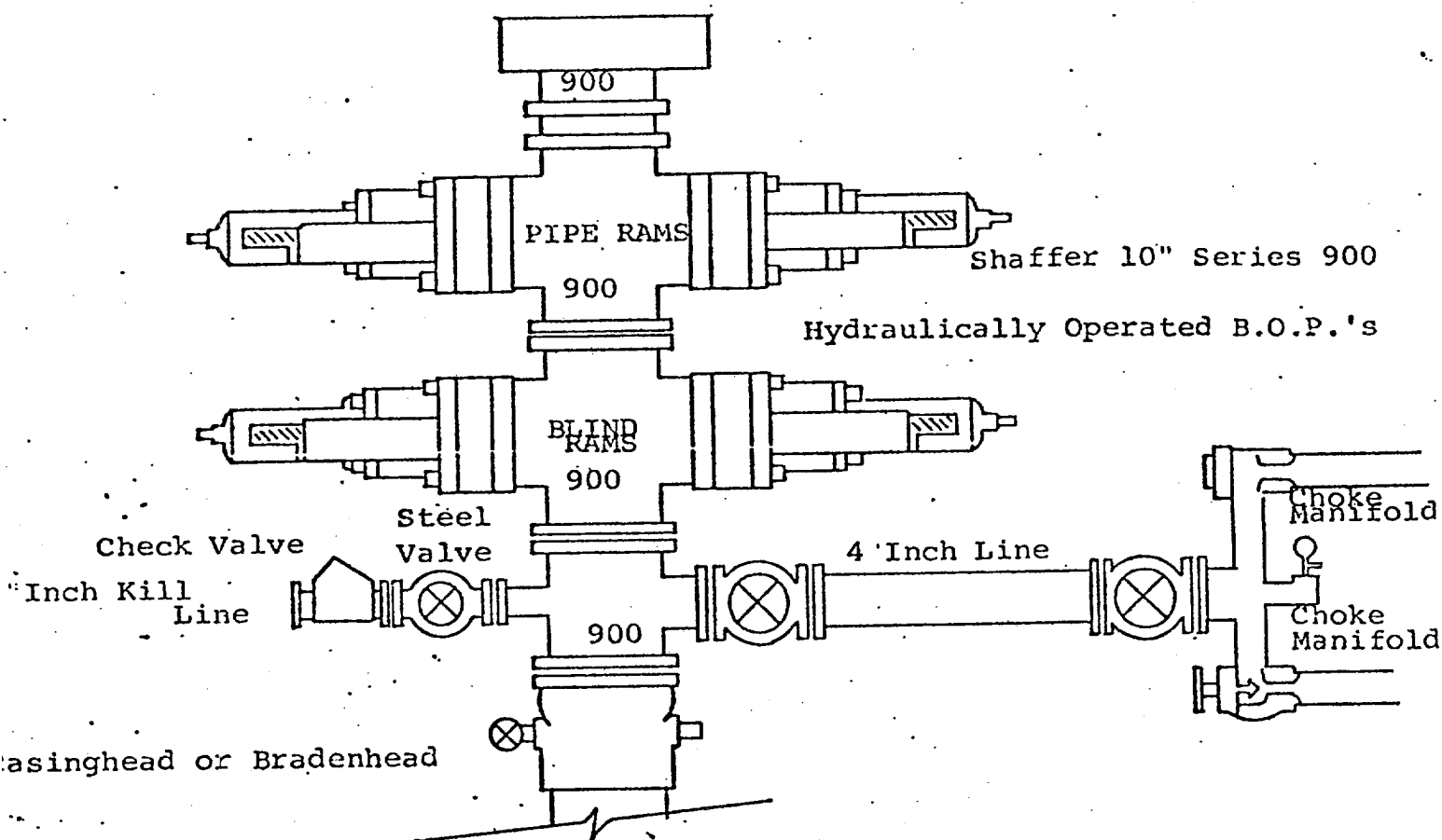
Registered Professional Engineer  
and/or Land Surveyor

*Dan R. Reddy*

Certificate No.

**NM PE&LS #5412**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



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.