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NEW MEXICO OIL & GAS COMMISSION

FEB 10 1977

O.C.C.
ARTESIA, OFFICE

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> RE-Entry <input checked="" 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 checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Firm or Lease Name Mallard "HM"	
2. Name of Operator Yates Petroleum Corporation		9. Well No. 1	
3. Address of Operator 207 South 4th Street - Artesia, NM 88210		10. Field and Pool, or Wildcat Und. Yates	
4. Location of Well UNIT LETTER <u>L</u> LOCATED <u>1650</u> FEET FROM THE <u>South</u> LINE AND <u>990</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>28</u> TWP. <u>18S</u> RGE. <u>26E</u> NMPM		12. County Eddy	
21. Elevations (Show whether D.P., R.T., etc.) 3413' GR		19. Proposed Depth Approx. 3000'	19A. Formation Yeso-S.A
21A. Kind & Status Plug. Bond Blanket		20. Rotary or C.T. Reverse Unit	22. Approx. Date Work will start 2-14-77

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
	8-5/8"	24#	1271'	400	Circulated
7-7/8"	5 1/2"	15.5#	TD	250	

Yates Petroleum has acquired this lease and plan to re-enter the old Mallard-Mayer Holt No. 1 well to test the Yeso and San Andres formation. Will set 5 1/2" casing at/3000' and cement to the surface, perforate and stimulate as needed for production.

Mud Program: Drill out with water.

BOP Program: BOP's will be installed on 8-5/8" casing prior to drilling plugs.

Formerly Mallard Exploration Inc. Mayer Holt #1
TD 9315 F&A 4-4-72

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 5-11-77

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 Eddie M. Mahford Title Engineer Date 2-10-77
(This space for State Use)

APPROVED BY W. A. Besset TITLE SUPERVISOR, DISTRICT II DATE FEB 11 1977

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface behind 5 1/2" casing

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

5 1/2"

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.

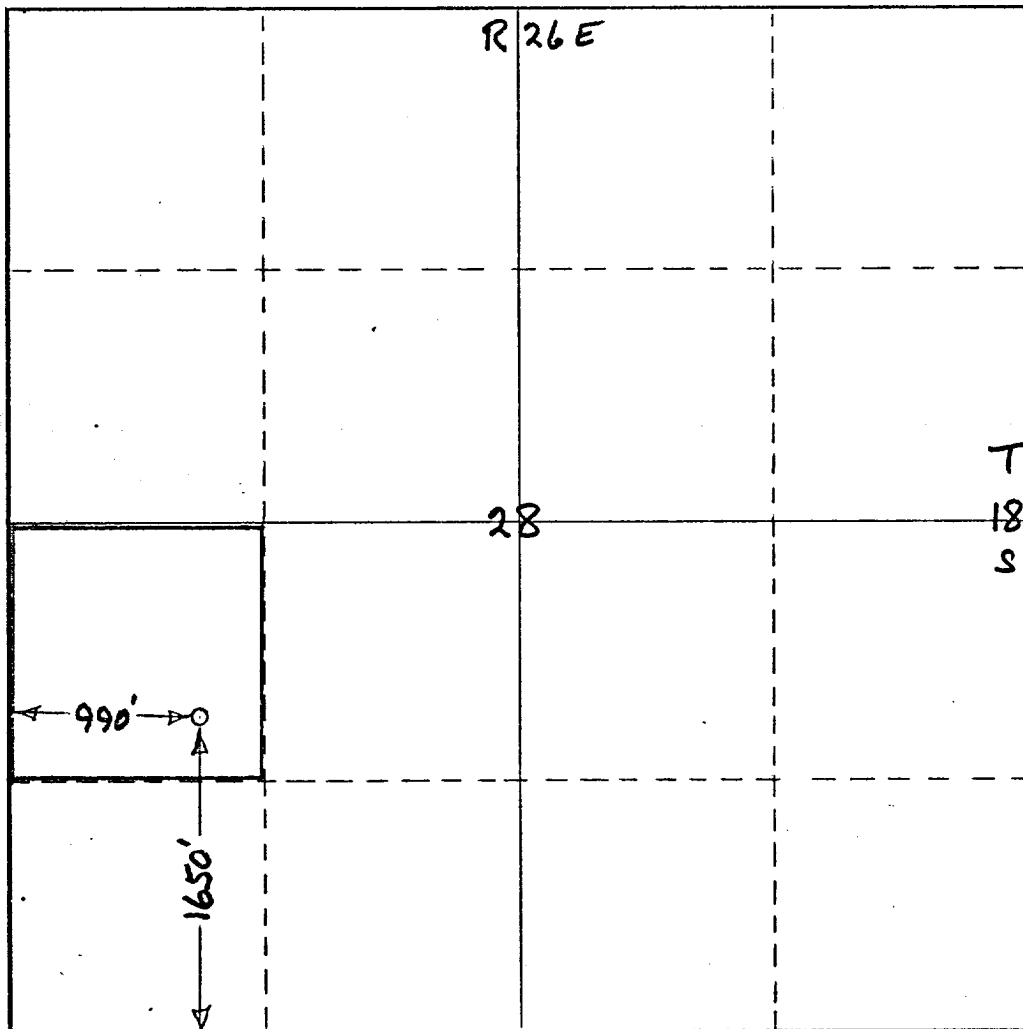
Operator Yates Petroleum Corp			Lease Mallard "HM"		Well No. 1
Unit Letter L	Section 28	Township 18-S	Range 26-E	County Eddy	
Actual Footage Location of Well: 1650 feet from the South line and 990 feet from the West line					
Ground Level Elev. 3413	Producing Formation Gero - San Andres	Pool Atoka (G.A.)	Dedicated Acreage: 40 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

2-10-77

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.

Old hole - formerly

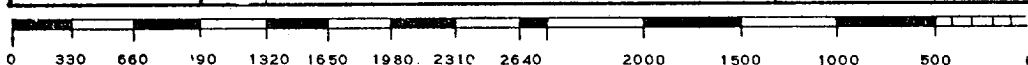
Date Surveyed

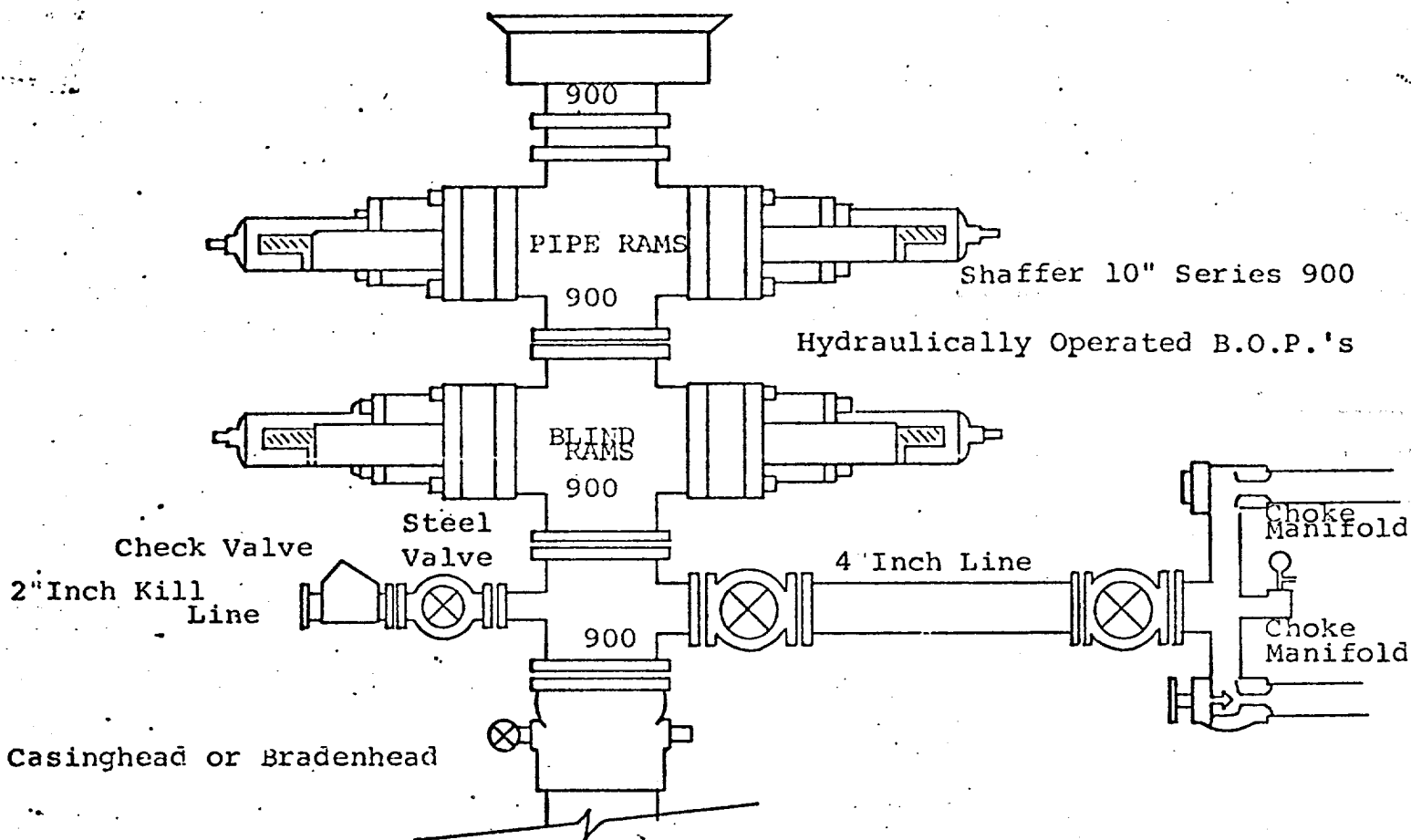
Mallard - Mayer Holt No. 1

Registered Professional Engineer and/or Land Surveyor *Gas Comm.*

Refer to original plat

Certificate No.





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.