

STATE OF NEW MEXICO  
OIL AND MINERALS DEPARTMENT

WILDLIFE CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

30-005-6/027  
Form C-101  
Revised 10-1-78

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LAND OFFICE	1
OPERATOR	1

JUL 9 1981

O. C. D.  
ARTESIA, OFFICE

5A. Indicate Type of Lease  
STATE ☒ FEE ☐  
5. State Oil & Gas Lease No.  
LG 6688

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work

Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐  
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

Name of Operator

Yates Petroleum Corporation

Address of Operator

207 South 4th Street, Artesia, NM 88210

Location of Well

UNIT LETTER N LOCATED 660 FEET FROM THE South LINE  
1980 FEET FROM THE West LINE OF SEC. 32 TWP. 8s RGE. 23e NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Rill "RE" State

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

12. County

Chaves

11. Elevations (Show whether DF, RT, etc.) 4141.3	19. Proposed Depth 3800±	19A. Formation Abo	20. Rotary or C.T. Rotary
21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor LaRue #2	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	Approx. 950'	800 sx.	circulate
12 1/2"	8 5/8"	24# J-55	Approx. 1100'	600 sx.	
3/4" or 7 7/8"	5 1/2" or 4 1/2"	15.5# or 10.5#	TD	200 sx.	

We propose to drill and test the Abo and intermediate formations. Approximately 950' of surface casing will be set and cement circulated to shut off gravel and caving. Intermediate casing will be run and if commercial, 5 1/2" or 4 1/2" production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production. 8 5/8" casing will be run to 1100' and cemented with enough cement calculated to tie in back into surface casing. Temperature survey will be run.

MUD PROGRAM: FW gel and LCM to 1100', Brine KCL to 3200' KCL Drispak and Starch to TD, MW 10-10.2, Vis. 34-29, WL 14-7.

BOP PROGRAM: BOP's will be installed on 8 5/8" casing and tested daily.

GAS NOT DEDICATED:

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 1-13-82  
UNLESS DRILLING UNDERWAY

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.

Glenn Rodriguez Title Geographer Date 7-8-81  
(This space for State Use)

APPROVED BY W. P. Lussit TITLE SUPERVISOR, DISTRICT II DATE JUL 13 1981  
CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.O.C.C. in sufficient time to witness cementing the 13 3/8" casing

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

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OPERATOR	

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JUL 2 1981

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work

DRILL ☒ DEEPEN ☐ ARTESIAN ☐ PLUG BACK ☐  
Type of Well O.C.D.  
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

Name of Operator

Yates Petroleum Corporation

Address of Operator

207 South 4th Street, Artesia, NM 88210

Location of Well

UNIT LETTER N LOCATED 660 FEET FROM THE South LINE

1980

FEET FROM THE West LINE OF SEC. 32 TWP. 8s RGE. 23e NMPH

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

LG 6688

7. Unit Agreement Name

8. Farm or Lease Name

Rill "RE" State

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

12. County

Chaves

19. Proposed Depth

3800'

19A. Formation

Abo

20. Rotary or C.T.

Rotary

11. Elevation (show whether DT, RL, etc.)

4151.3

11A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

LaRue #2

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	Approx. 400'	300 sx.	circulate
12 1/2"	8 5/8"	24# J-55	Approx. 1100'	600 sx.	circulate
3/4" or 7 7/8"	5 1/2" or 4 1/2"	15.5 or 10.5#	TD	200 sx.	

We propose to drill and test the Abo and intermediate formations. Approximately 400' of surface casing will be set and cement circulated to shut off gravel and caving. Casing will be set approximately 100' below the Roswell Water Basin (250' - 300'). Intermediate casing will be run and if commercial, 5 1/2 or 4 1/2 production casing will be run and cemented with adequate cement, perforated and stimulated as needed for production. 8 5/8" casing will be run only if well conditions require it.

TEST PROGRAM: FW gel and LCM to 1100', Birne KCL to 3200' KCL Drispak and Starch to TD.  
MW 10-10.2, Vis. 34-29, WL 14-7.

OPERATION PROGRAM: BOP's will be installed on 8 5/8" casing and tested daily.

WELL NOT DEDICATED:

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCE 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.

Signature: *Glenn R. Ritz* Title: Geographer Date: 7-2-81  
(This space for State Use)

APPROVED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

**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.

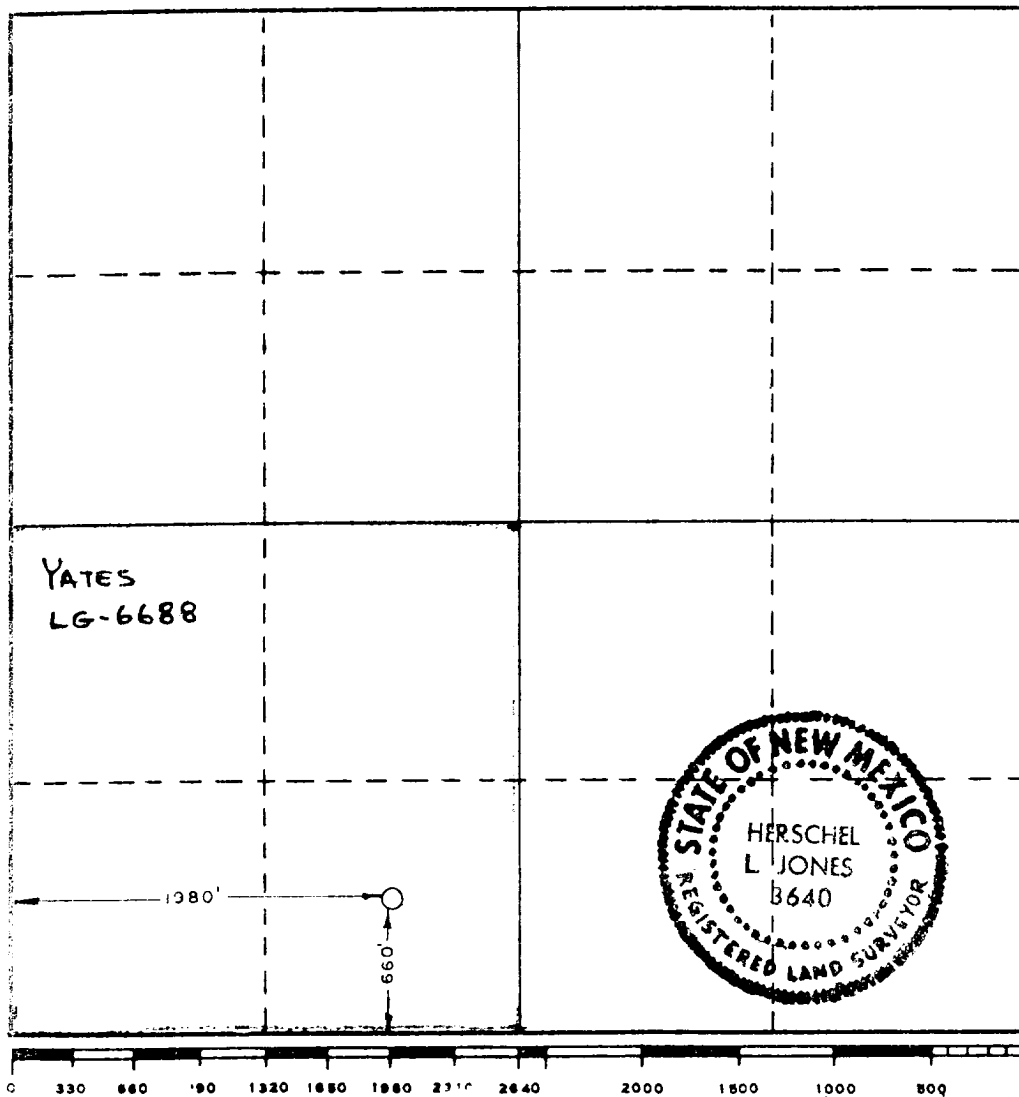
Operator <b>YATES PETROLEUM CORPORATION</b>			Lease <b>Well "RE" State</b>		Well No. <b>1</b>
Unit Letter <b>"H"</b>	Section <b>32</b>	Township <b>8 South</b>	Range <b>23 East</b>	County <b>Chaves</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>South</b> line and <b>1980</b> feet from the <b>West</b> line					
Ground Level Elev. <b>4151.3</b>	Producing Formation <b>Abo</b>		Pool <b>Undes. Abo</b>		Dedicated Acreage: <b>160</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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

Geographer

Company

Yates Petroleum Corporation

Date

5-27-81

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.

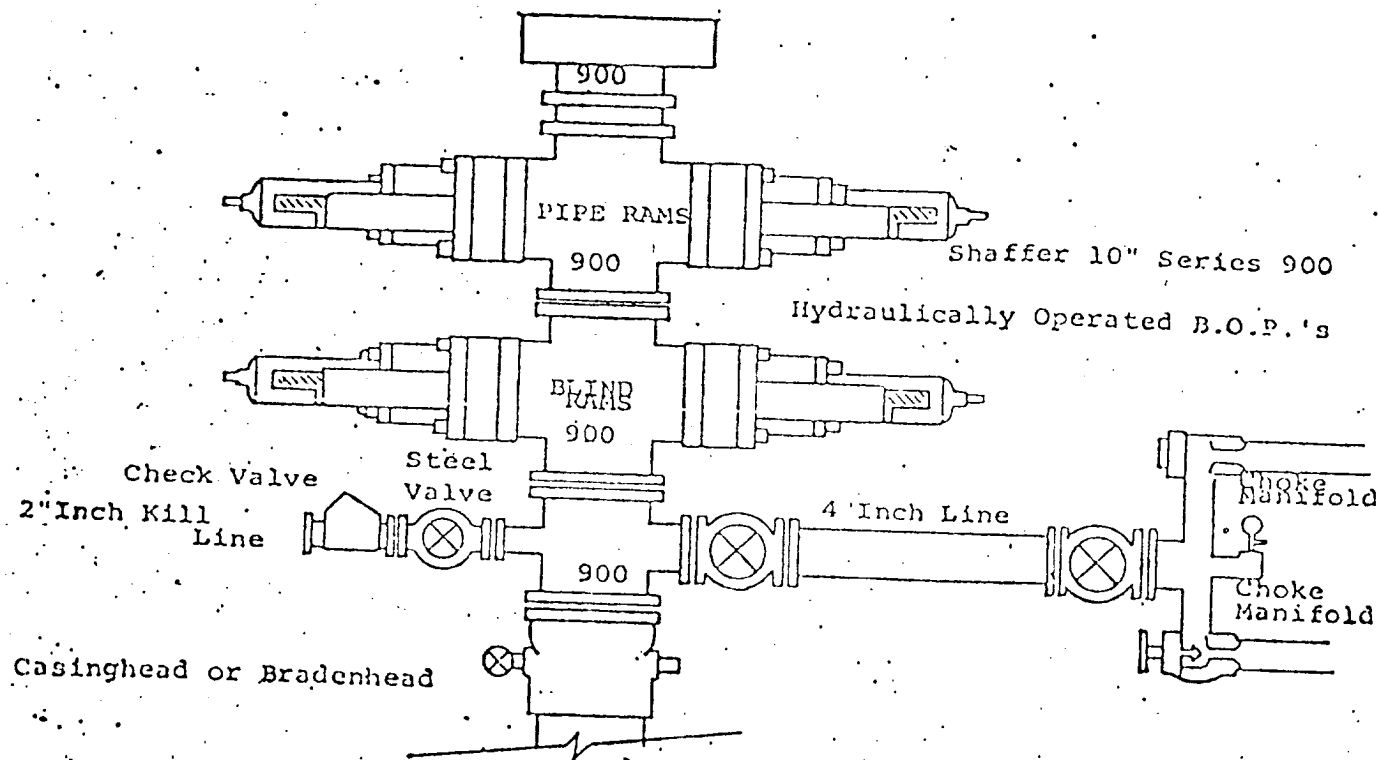
Date Surveyed

May 16, 1981

Registered Professional Engineer  
and/or Land Surveyor

*Herschel L. Jones*  
Certificate No.

3640



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.