

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

30-025-28042

Form C-101  
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILL	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease  
STATE ☒ FEE ☐  
5. State Oil & Gas Lease No.  
LG-887

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. Type of Well

OIL WELL ☒

GAS WELL ☐

OTHER ☐

SINGLE ZONE ☐

MULTIPLE ZONE ☐

Name of Operator

Yates Petroleum Corporation

Address of Operator

207S. 4th, Artesia, New Mexico 88210

Location of Well

UNIT LETTER A LOCATED 330 FEET FROM THE North LINE

NO. 660

FEET FROM THE East LINE OF SEC. 2 TWP. 18S RGE. 37E

7. Unit Agreement Name

8. Farm or Lease Name

Blarney Stone "VS" S

9. Well No.

1

10. Field and Pool, or Wildcat

Unders. Livingston Penn

12. County

Lea

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
11,250'	Strawn	Rotary
21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
Blanket	Ard Drilling Co. #5	ASAP

3. 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#	320'	300 sx	circulated
12 1/4"	8 5/8"	24#-32#	3200'	2200 sx	circulated
7 7/8"	5 1/2 or 4 1/2"	20#-17#-20#	TD	500 sx	
or 13#-11.6#-13#					

We propose to drill a 11,250' well and test the Strawn and intermediate formations. Approximately 320' of surface casing will be set, cemented and circulated and approximately 3200' of intermediate will be set and cement circulated back to about 320'. Production casing will be set to TD and cemented back to approximately 10,000'.

MUD PROGRAM: FW gel and LCM to 2050', Brine & gel to 3200', water and KCL to 7900'.

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

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 5/22/83  
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.

Signed Jerry Jackson Title Regulatory Manager

Date 11/18/82

(This space for State Use)

JERRY JACKSON

PROVED BY DISTRICT SUPERVISOR

TITLE

DATE

NOV 22 1982

CONDITIONS OF APPROVAL, IF ANY:

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.

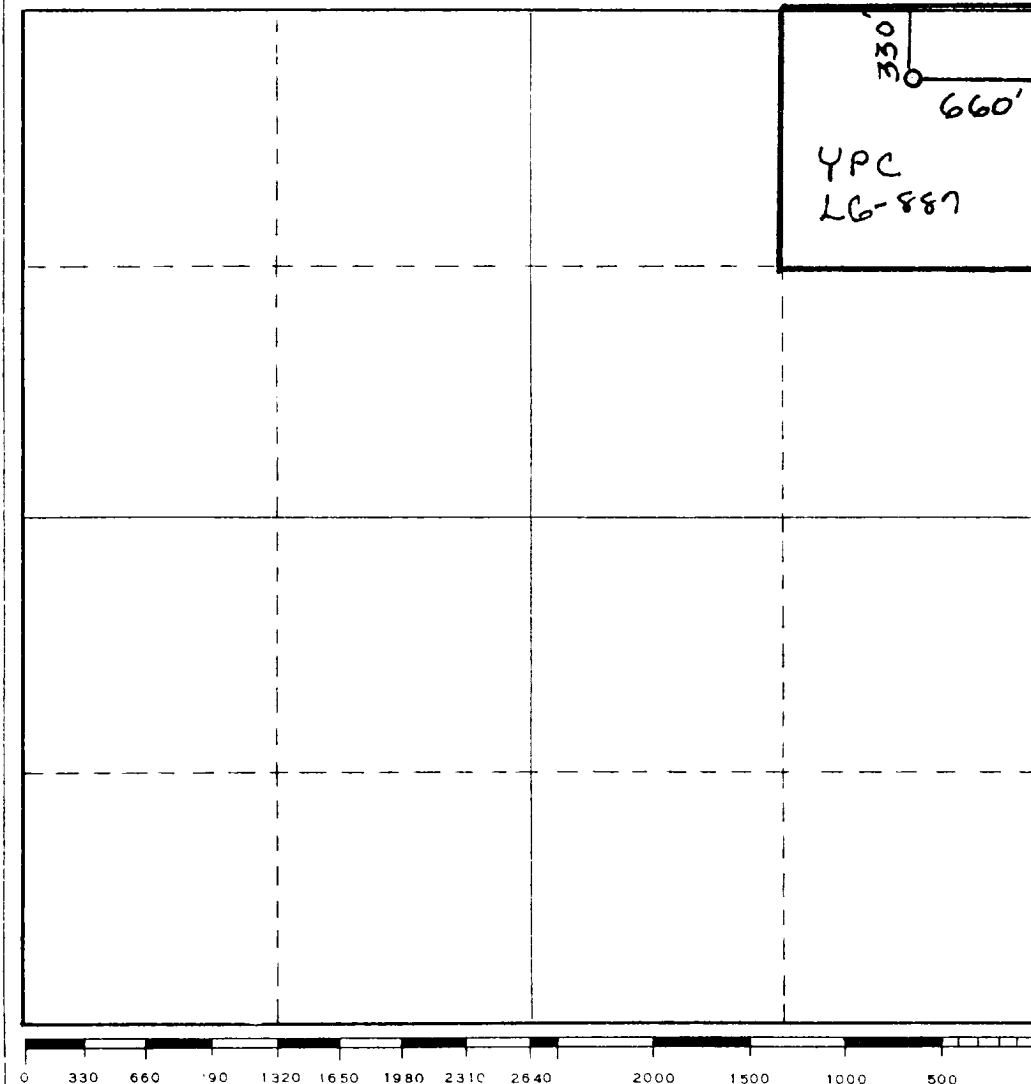
Operator <b>YATES PETROLEUM CORPORATION</b>			Lease <b>Blarney Stone VS State</b>		Well No. <b>1</b>
Unit Letter <b>A</b>	Section <b>2</b>	Township <b>18 South</b>	Range <b>37 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>330</b> feet from the <b>North</b> line and <b>660</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3695.</b>	Producing Formation <b>Penn</b>		Pool <b>Wildcat</b> <b>Unders. Lovington Penn</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.

*Gliserio Rodriguez*  
Name \_\_\_\_\_

**Gliserio Rodriguez**  
Position \_\_\_\_\_

**Regulatory Manager**  
Company \_\_\_\_\_

**Yates Petroleum Corp.**  
Date \_\_\_\_\_

**11/18/82**

**DAN R. REDDY**  
NEW MEXICO  
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.  
REGISTERED PROFESSIONAL ENGINEER

Date Surveyed  
**October 17, 1982**

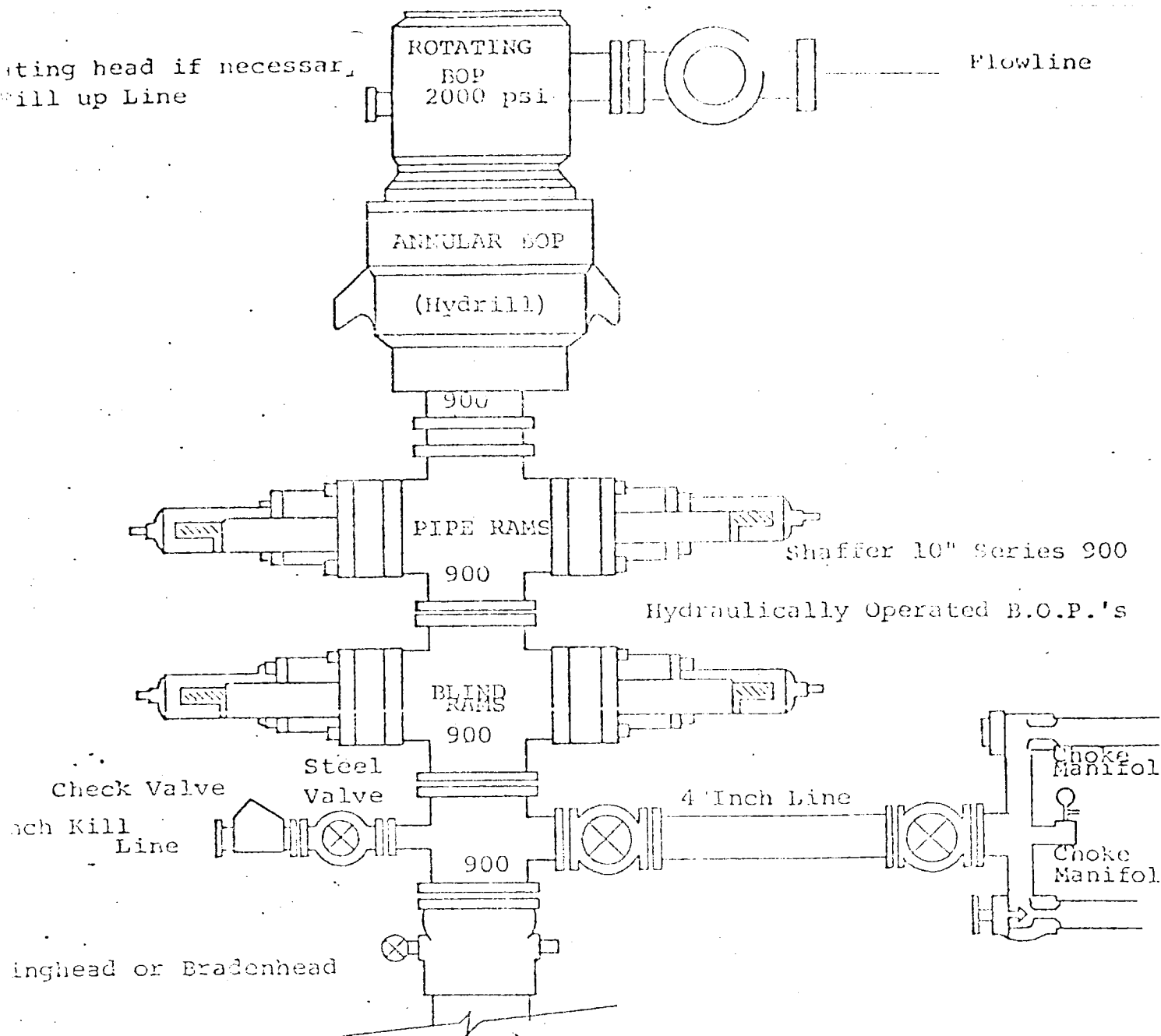
Registered Professional Engineer and/or Land Surveyor

*Dan R. Reddy*  
Certificate No. \_\_\_\_\_

**NM PE&LS #5412**

ating head if necessary,  
Fill up Line

Flowline



FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

All preventers to be hydraulically operated with secondary manual control installed prior to drilling out from under casing.

Choke outlet to be a minimum of 4" diameter.

Kill line to be of all steel construction of 2" minimum diameter.

All connections from operating manifolds to preventers to be all steel. hole or tube a minimum of one inch in diameter.

The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.

All connections to and from preventer to have a pressure rating equivalent to that of the B.O.P.'s.

Inside blowout preventer to be available on rig floor.

Operating controls located a safe distance from the rig floor

Hole must be kept filled on trips below intermediate casing. Operator not responsible for blowouts resulting from not keeping hole full.

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

100-443892

28/07/11