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5A. Indicate Type of Lease
STATE ☒ REC ☐
5. State Oil & Gas Lease No.
LG-4715

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. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Tecolote AED State
2. Name of Operator Yates Petroleum Corporation		9. Well No. 1
3. Address of Operator 105 South Fourth Street - Artesia, NM 88210		10. Field and Pool, or Wildcat Saunders Permo Upper Per
4. Location of Well UNIT LETTER D LOCATED 990 FEET FROM THE North LINE AND 330 FEET FROM THE West LINE OF SEC. 24 TWP. 14S RGE. 33E NMPM		12. County Lea
19. Proposed Depth 10250'		19A. Formation Bough C
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DE, RT, etc.) 4181.1' GR	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Undesignated
22. Approx. Date Work will start ASAP		

23.

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# H-40	Approx. 465'	450 sacks	Circulate
12-1/4"	8-5/8"	24 & 28# K-55			
		& S-80	" 4225'	1500 sacks	Circulate
7-7/8"	5-1/2"	17# K-55 & N-80	TD	450 sacks	

We propose to drill and test the Bough "C" and intermediate formations. Approximately 465' of surface casing will be set and cement circulated to shut off gravel and cavings. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: FW Gel/LCM from surface to 465'; FW to 4225'; SW gel/starch to TD

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

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 Clifton R. May Title Regulatory Agent Date May 27, 1986
(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE _____ DATE MAY 27 1986

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-85

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

Operator YATES PETROLEUM CORPORATION			Lease TECOLOTE "AED" STATE		Well No. 1
Unit Letter "D"	Section 24	Township 14 South	Range 33 East	County LEA	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between; align-items: center;"> 990 feet from the North line and 330 feet from the West line </div>					
Ground Level Elev. 4181.1	Producing Formation BOUGH "C"		Pool SAUNDERS PERMO UPPER PENN		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.

Clifton R. May

Name

Clifton R. May

Position

Regulatory Agent

Company

Yates Petroleum Corporation

Date

May 27, 1986

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 23, 1986

Registered Professional Engineer and/or Land Surveyor

Herschel L. Jones

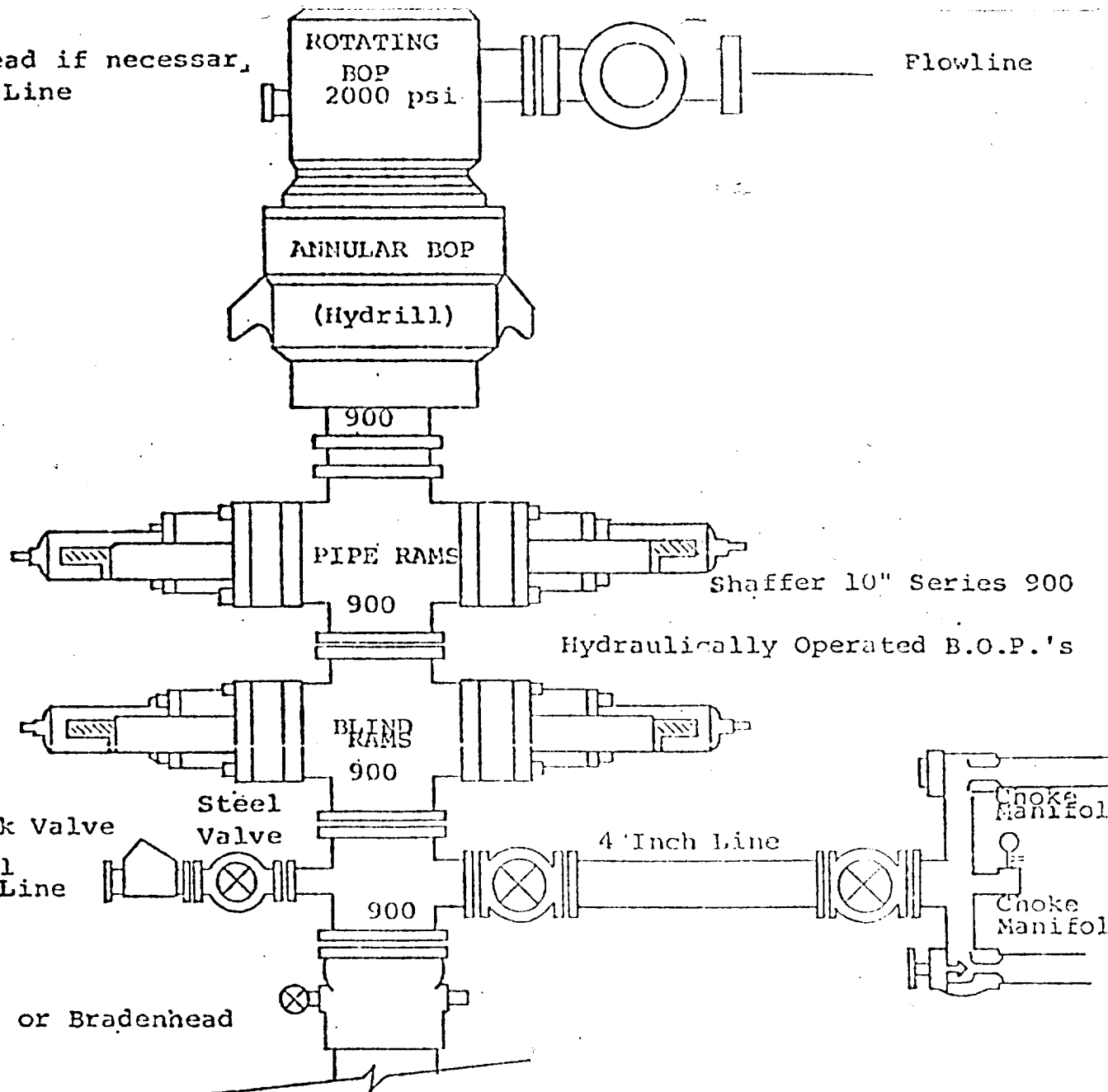
Certificate No.

3640



Rotating head if necessary,
2" Fill up Line

Flowline



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

1. All preventers to be hydraulically operated with secondary manual control 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.
10. D. P. float must be installed and used below zone of first gas intrusion