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U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.  
LG-4715

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
b. Type of Well DRILL  DEEPEN  PLUG BACK   
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. Name of Operator  
Yates Petroleum Corporation

3. Address of Operator  
105 South Fourth Street - Artesia, NM 88210

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

7. Unit Agreement Name

8. Farm or Lease Name  
Tecolote AED State

9. Well No.  
1

10. Field and Pool, or Wildcat  
Saunders Permo Upper Penn

12. County  
Lea

19. Proposed Depth  
10250'

19A. Formation  
Bough C

20. Rotary or C.T.  
Rotary

21. Elevations (Show whether DF, RT, etc.)  
4181.1' GR

21A. Kind & Status Plug. Bond  
Blanket

21B. Drilling Contractor  
Undesignated

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# 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

NOTE: THIS WAS ORIGINALLY SUBMITTED AND APPROVED ON MAY 27, 1986. WE WISH TO RE-SUBMIT TO OIL CONSERVATION DIVISION FOR APPROVAL.

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 Sept. 24, 1987

(This space for State Use)  
ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE SEP 25 1987

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

RECEIVED

SEP 21 1967

OFF

HORNS OFFICE

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

Form C-102  
Revised 10-1-79

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 14S	Range 33E	County LEA	
Actual Footage Location of Well: 990 feet from the North line and 330 feet from the West line					
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 Division.

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  
September 24, 1987

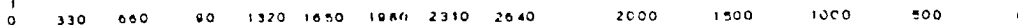
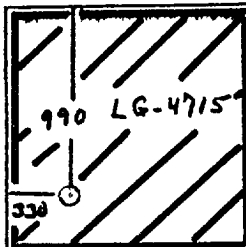
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

REFER TO ORIGINAL PLAT

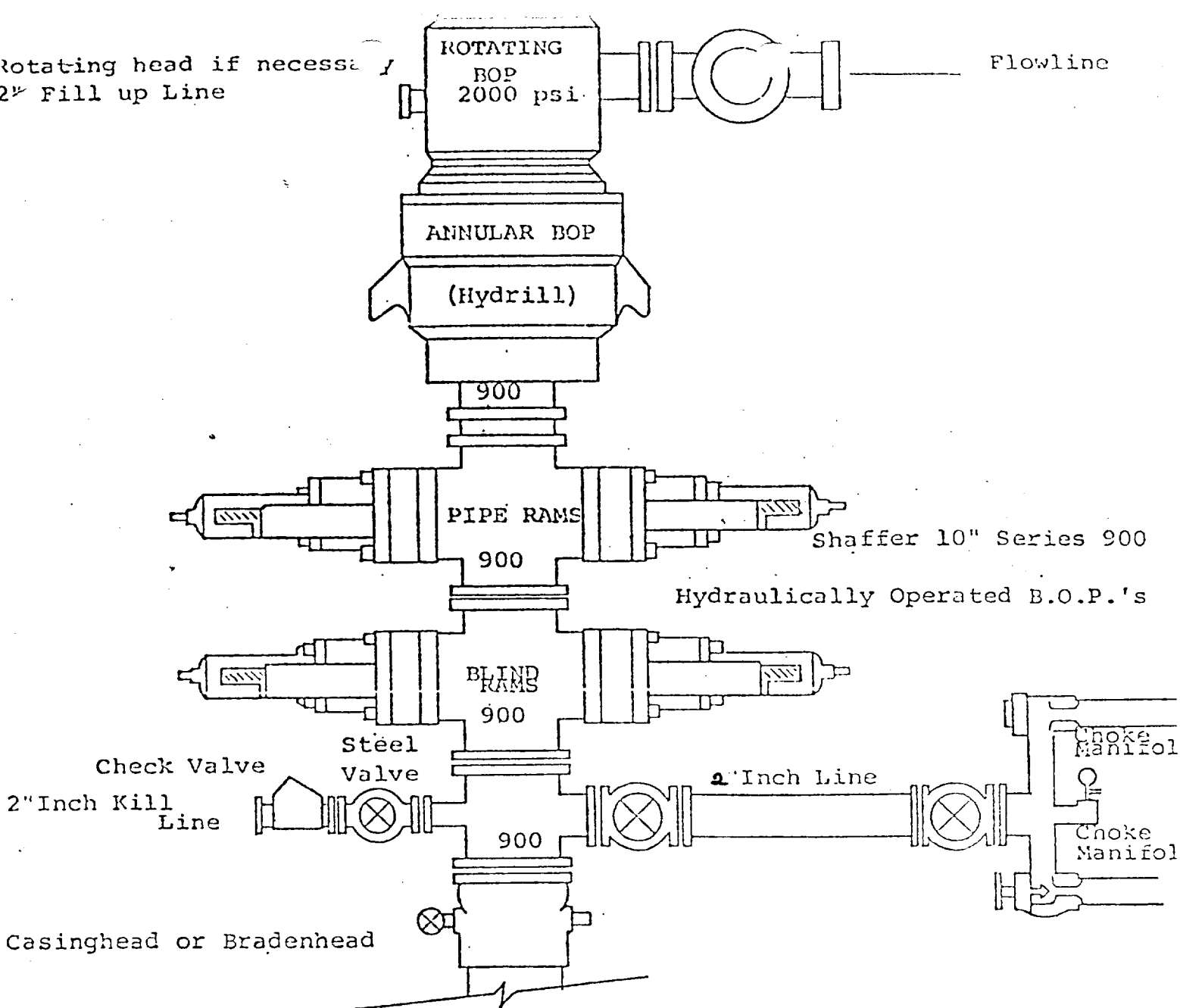
Date Surveyed

Registered Land Surveyor

Certificate No.



Rotating head if necessary  
2" Fill up Line



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



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

GARREY CARRUTHERS  
GOVERNOR

April 1, 1987

POST OFFICE BOX 1920  
HOBBS, NEW MEXICO 88241-1920  
(505) 393-6161

Yates Petroleum Corp.

105 South Fourth Street

Artesia, NM 88210

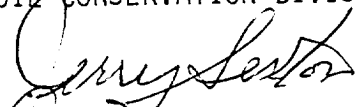
RE: Tecolote AED State #1-D  
990/N & 330/W Sec. 24, T14S, R33E  
Lea County, NM

Gentlemen:

Six months or more have elapsed since Division Form C-101, Notice of Intention to Drill, for the subject well was approved. To date no progress reports, Forms C-103, have been received. Therefore, approval of your permit to drill this well has now expired and no drilling operations are to be initiated without further notice to and approval by the Oil Conservation Division. Pending such approval, this will be considered as an abandoned location.

Very truly yours,

OIL CONSERVATION DIVISION

  
Jerry Sexton  
Supervisor, District I

JS/ED/ed

cc: OCD Santa Fe