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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
L-1348	

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"/> PLUG BACK <input type="checkbox"/> 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 Cola ADO State Com	
2. Name of Operator Yates Petroleum Corporation		9. Well No. 2	
4. Address of Operator 105 South Fourth Street - Artesia, NM 88210		10. Field and Pool, or Wildcat Bar U Penn	
1. Location of Well UNIT LETTER <u>#8</u> LOCATED <u>1880'</u> FEET FROM THE <u>North</u> LINE AND <u>760'</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>31</u> TWP. <u>8S</u> RGE. <u>33E</u> NMPM		12. County Chaves	
19. Proposed Depth 9400'		19A. Formation Bough C	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 4394.6' 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#J-55	Approx. 385'	400 sacks	Circulate
12-1/4"	8-5/8"	24 & 28# K-55	S-80 " 3870'	1200 sacks	Circulate
7-7/8"	5-1/2"	15.5# & 17# K-55 & N-80	" TD	450 sacks	

We propose to drill and test the Bough "C" and intermediate formations. Approximately 3850' 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: Native mud from surface to 385'; brine water and gel to 3870', brine water to 7300', 34-36 vis; salt gel with 3-5% diesel to 9000'; add starch and drispak to TD

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

NOTE: The plat shows the location of Yates' Cola ADO State #1 in the same dedicated acres. Per NMOC Rule 102, a copy of this application for permit to drill will be kept on file with

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.

the Cola ADO State #1 records in Yates' office.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Cliff R. May Title Regulatory Agent Date May 27, 1987

Orig. Signed by
Paul Kautz
Geologist

APPROVED BY _____ TITLE _____ DATE MAY 29 1987

CONDITIONS OF APPROVAL, IF ANY:

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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.

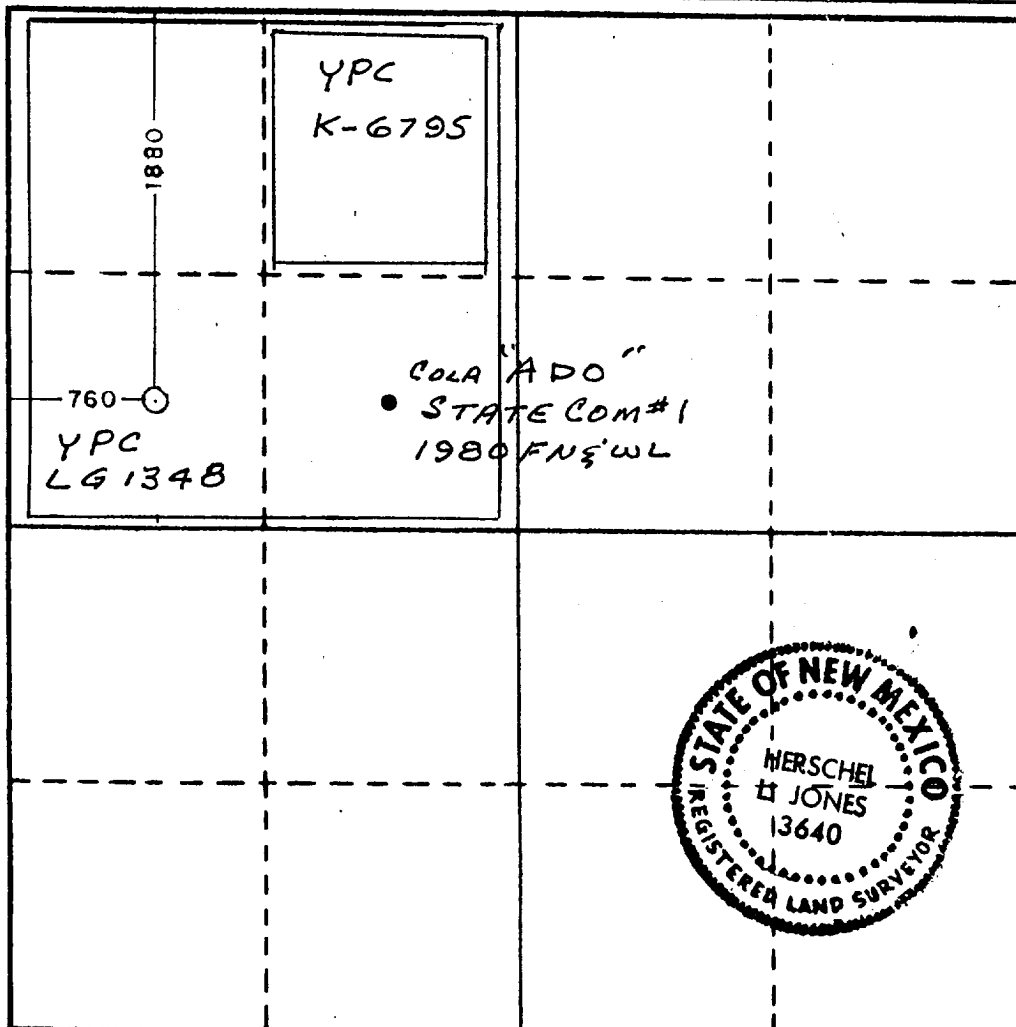
Operator YATES PETROLEUM CORPORATION			Lease COLA "ADO" State-		Well No. 2
Unit Letter "E"	Section 31	Township 8 South	Range 33 East	County Chaves	
Actual Footage Location of Well: 1880 feet from the North line and 760 feet from the West line					
Ground Level Elev. 4394.6	Producing Formation Bough "C"		Pool Bar-U Penn		Dedicated Acreage 160 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 COMMUNITIZATION

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

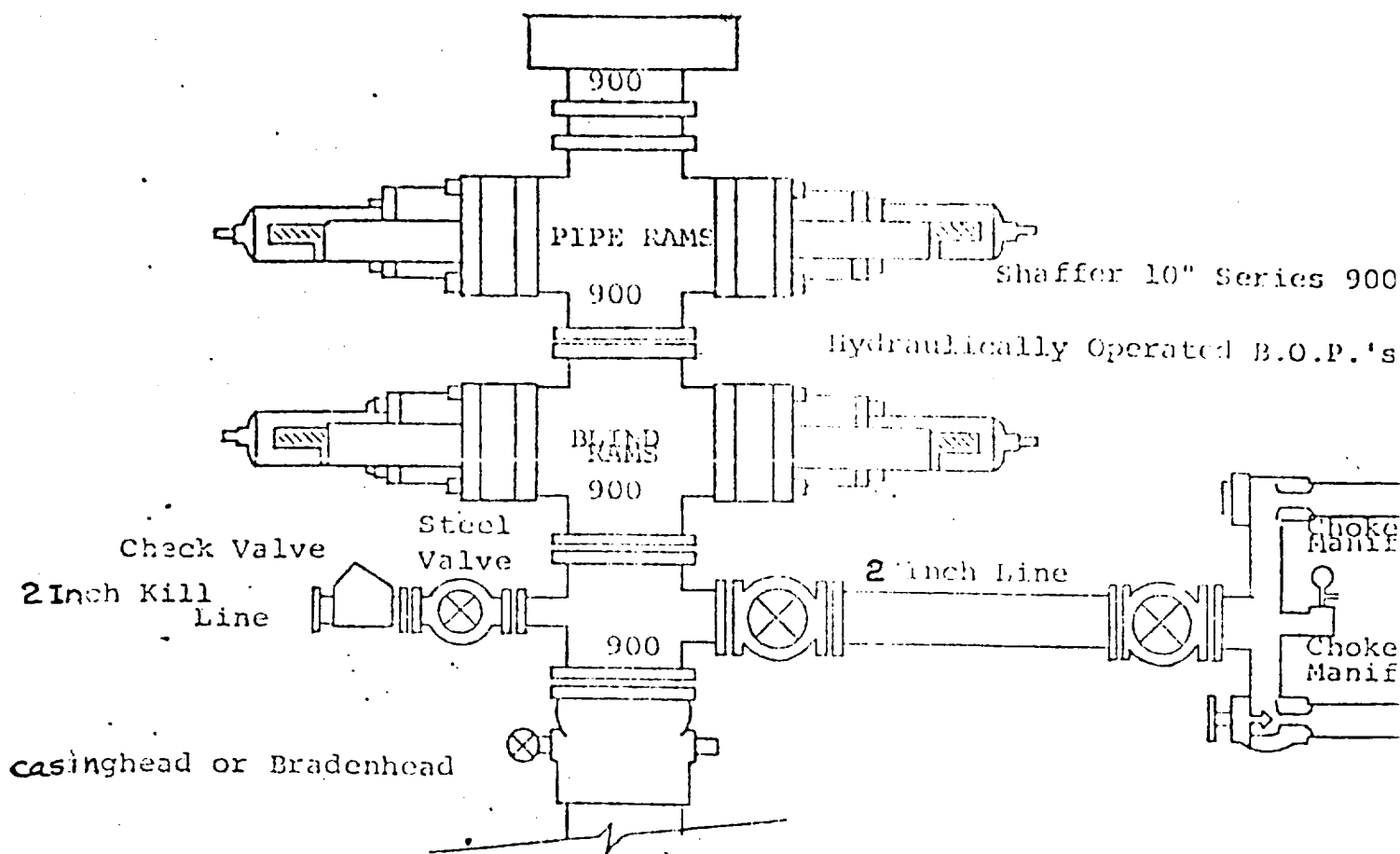
Date
May 27, 1987

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.

Date Surveyed
May 20, 1987

Registered Professional Engineer and/or Land Surveyor

Herschel E Jones
Certificate No. **3640**



FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- All preventers to be hydraulically operated with secondary manual contr installed prior to drilling out from under casing.
- Choke outlet to be a minimum of 2" 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 equal 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.
- B. P. float must be installed and used below zone of first gas intrusio

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