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Form C-101
Revised 10-1-78

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work

b. Type of Well

DRILL ☒DEEPEN ☐PLUG BACK ☐OIL WELL ☐GAS WELL ☒

OTHER

SINGLE ZONE ☐MULTIPLE ZONE ☐

c. Name of Operator

Yates Petroleum Corporation

d. Address of Operator

105 South Fourth Street - Artesia, New Mexico 88210

e. Location of Well

UNIT LETTER K LOCATED 1980' FEET FROM THE South LINEWD 1980' FEET FROM THE West LINE OF SEC. 19 TWP. 8S RGE. 27E NMPM

5A. Indicate Type of Lease

STATE ☒ FEDERAL ☐

5. State Oil & Gas Lease No.

LG-4911

7. Unit Agreement Name

8. Farm or Lease Name

Cactus Flower State Un

9. Well No.

1

10. Field and Pool, or Wildcat

WADES WILDCAT PENN

12. County

Chaves

19. Proposed Depth

6600'

19A. Formation

Penn

20. Rotary or C.T.

Rotary

f. Elevations (show whether DT, KI, etc.)

3969' GL

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

L & M Rig #2

22. Approx. Date Work will start

ASAP

3.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24# J-55	Approx. 1200'	700 sacks	Circulate
7-7/8"	4-1/2"	9.5# J-55	TD	350 sacks	

We propose to drill and test the Penn and intermediate formations. Approximately 1200' of surface casing will be set and cement circulated. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: FW gel/LCM to 1200', brine to 4300', starch to TD.

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

Post ID #1
NGL 7-11-1
11-6-87

APPROVAL VALID FOR 180 DAYS

PERMIT EXPIRES 5-3-88

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 Cy Cowan Title Permit AgentDate October 26, 1987

(This space for State Use)

Original Signed By
Mike WilliamsPROVED BY Oil & Gas Inspector TITLEDATE NOV 3 1987

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.

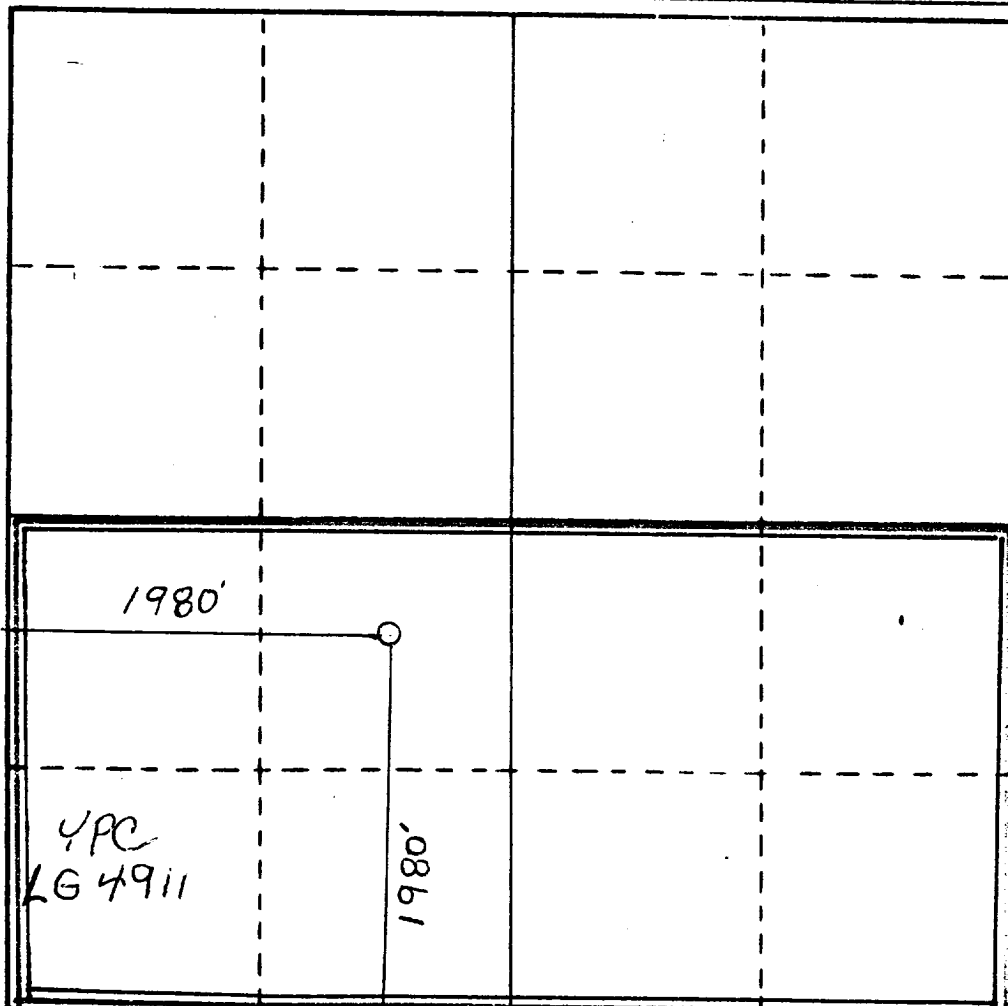
Operator Yates PETroleum Corporation			Lease Cactus Flower State Unit		Well No. 1
Unit Letter K	Section 19	Township 8S	Range 27E	County Chaves	
Actual Footage Location of Well: 1980' feet from the South line and 1980' West line					
Ground Level Elev. 3969' GL	Producing Formation Penn		Pool Undesignated <i>WILDCAT PENN</i>		Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plot 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 to be unitized

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.

Cy Cowan

Name
Cy Cowan
Position
Permit Agent

Company
Yates Petroleum Corporation

Date
October 23, 1987

I hereby certify that the well location shown on this plot 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.

October 23, 1987

Date Surveyed
Herschel Jones
Registered Professional Engineer
and Land Surveyor
3640
Herschel Jones
Certificate No. 3640

0 320 640 960 1280 1600 1920 2240 2560 2880 3200 3520 3840 4160 4480 4800 5120 5440 5760 6080 6400

EXHIBIT B

BOP DIAGRAM

RATED 3000[#]

