

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

REC'D

OCT 22 '87

O. C. D.  
ARTESIA OFFICE

30-005-62566

Form C-101  
Revised 10-1-78

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LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

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 Dragonfly State Unit
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name DRAGONFLY STATE UT.
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 Wildcat Penn
4. Location of Well UNIT LETTER D LOCATED 660 FEET FROM THE North LINE AND 990 FEET FROM THE West LINE OF SEC. 30 TWP. 9S RGE. 27E NMPM		12. County Chaves
19. Proposed Depth 6000'		19A. Formation Penn
20. Rotary or C.T. Rotary		
21. Elevations (show whether DF, RT, etc.) 3810.5' 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
12-1/4"	8-5/8"	24# J-55	Approx. 1200'	750 sacks	Circulate
7-7/8"	4-1/2"	9.5# J-55	TD	300 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

GAS NOT DEDICATED

POST ID #1

NL & API

11-27-87

1. TOTAL HOLE FOR 60 DAYS  
2. HOLE DEPTH 5/24/88  
3. UNLESS DRILLING UNDERWAY

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 October 22, 1987

(This space for State Use)

Original Signed By

Mike Williams

Oil & Gas Inspector

NOV 24 1987

APPROVED BY

DATE

CONDITIONS OF APPROVAL, IF ANY:

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

Form C-102  
Supersedes C-126  
Effective 1-4-85

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

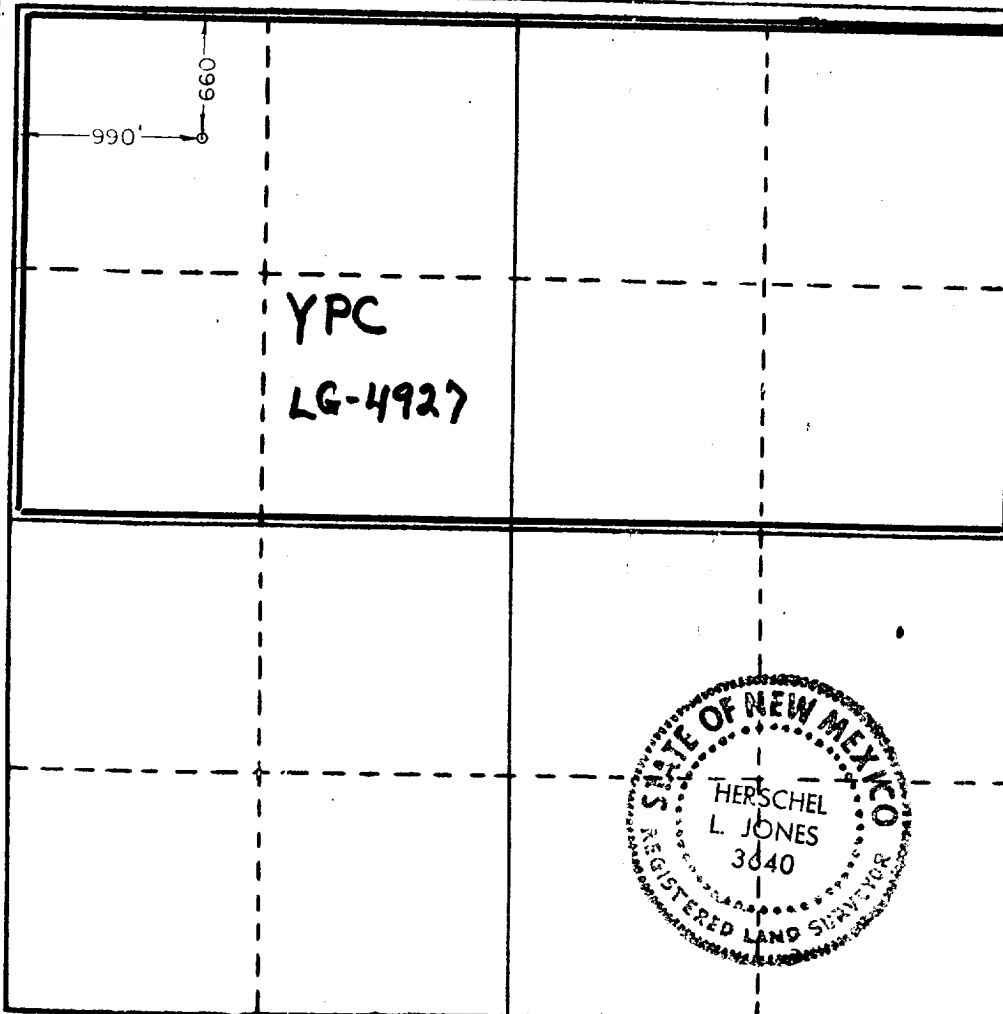
Operator <b>YATES PETROLEUM CORPORATION</b>			Lease <b>DRAGONFLY STATE UNIT</b>		Well No. <b>1</b>
Unit Letter <b>D</b>	Section <b>30</b>	Township <b>9 South</b>	Range <b>27 East</b>	County <b>Chaves</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span>990 feet from the West line and</span> <span>660 feet from the North line</span> </div>					
Ground Level Elev. <b>3810.5</b>	Producing Formation <b>PENN</b>		Well <b>WILDCAT</b>		Dedicated Acreage <b>323</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 \_\_\_\_\_

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  
October 22, 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  
10/15/87

Registered Professional Engineer and/or Land Surveyor

*Herschel L. Jones*  
Certificate No. 3640

EXHIBIT B

BDP DIAGRAM

RATED 3000<sup>#</sup>

