

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

30-005-63618
Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	✓
FILE	✓
U.S.G.S.	✓
LAND OFFICE	✓
OPERATOR	✓

MAR 15 '88

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Yates Petroleum Corporation		8. Farm or Lease Name Hargrove AFH
3. Address of Operator 105 South Fourth Street - Artesia, NM 88210		9. Well No. 1
4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>625</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>8</u> TWP. <u>10S</u> RGE. <u>25E</u> NMPM		10. Field and Pool, or Wildcat Pecos Slope Abo
		12. County Chaves
19. Proposed Depth 4300'		19A. Formation Abo
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DT, KT, etc.) 3519.5' 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. 1300'	900 sacks	Circulate
7-7/8"	4-1/2"	9.5# J-55	TD	400 sacks	

We propose to drill and test the Abo and intermediate formations. Approximately 1300' 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 1300', brine to 3500', SW gel/starch to TD

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

GAS NOT DEDICATED

POST 10-1
NLX API
5-13-88
180
11/10/88

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 [Signature] Title Permit Agent Date March 14, 1988

(This space for State Use)

Original Signed By

APPROVED BY Mike Williams

CONDITIONS OF APPROVAL Oil & Gas Inspector

MAY 10 1988

NSL 2510

8/6

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

Form C-102
Supersedes C-128
Effective 1-1-65

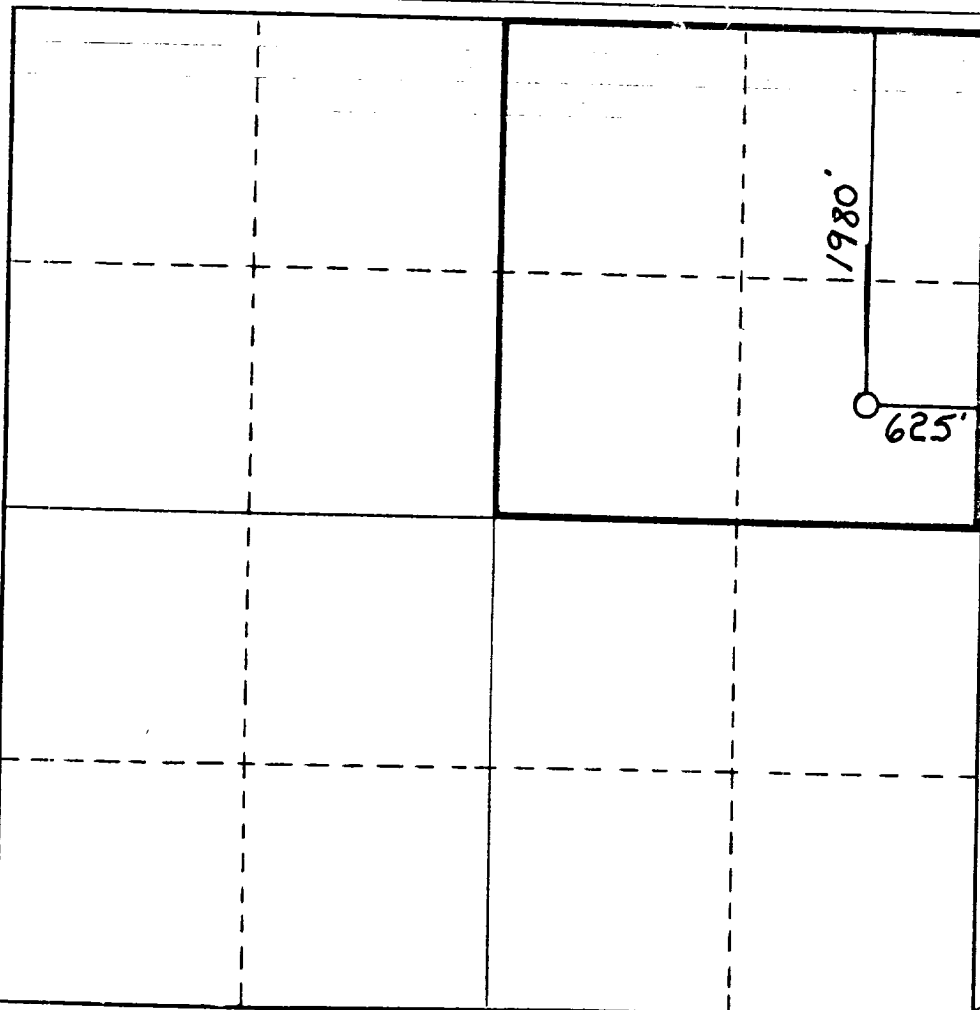
All distances must be from the outer boundaries of the Section.

Operator YATES PETROLEUM CORPORATION			Lease HARGROVE AFH		Well No. 1
Unit Letter H	Section 8	Township 10S	Range 25E	County CHAVES	
Actual Footage Location of Well:					
1980 feet from the North line and 625 feet from the East line Ground Level Elev. 3519.5' Producing Formation ABO Pool S. PECOS Slope ABO 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 _____

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	March 14, 1988

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.

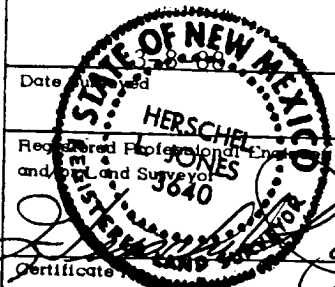


EXHIBIT B
BDP DIAGRAM
RATED 3000[#]

