

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)
30-025-29864

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

V-476

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☐ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐

b. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER RECOMPLETION

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

7. Lease Name or Unit Agreement Name

Moonrise State Unit

2. Name of Operator

YATES PETROLEUM CORPORATION

8. Well No.

1

3. Address of Operator

105 South 4th St., Artesia, NM 88210

9. Pool name or Wildcat

Undesignated Delaware

4. Well Location

Unit Letter M : 330 Feet From The South Line and 330 Feet From The West Line

Section 27 Township 18S Range 36E NMPM Lea County

10. Proposed Depth

11025'

11. Formation

Delaware

12. Rotary or C-F

Workover Unit

13. Elevations (Show whether DF, RT, GR, etc.)

3795.5' GR

14. Kind & Status Plug. Bond

Blanket

15. Drilling Contractor

-

16. Approx. Date Work will start

When approved

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
26"	20"		38'	Redi-Mix (in place)	
17 1/2"	13-3/8"	54.5#	354'	350 sx (in place)	
11"	8-5/8"	32#	3810'	1450 sx (in place)	
7-7/8"	5 1/2"	15.5#	5720'	925 sx (in place)	

Well drilled to TD 11025', plugged back and completed in Queen perforations 4514-4522'. Queen perfs 4514-4522' are marginally economic. Propose to clean out and deepen well to 6750± as follows: Set retainer at 4450', establish injection into Queen perfs; squeeze perfs 4514-4522' w/75-100 sx cement. Drill out retainer and cement. Drill out the following: 1) CIBP + 35' cement at 5370'; 2) retainer and cement at 5525'; 3) 5 1/2" casing shoe; 4) cement plug at 5750-5850'. Clean out open hole to 6750-6800' and circulate clean. Will run approx. 1350' of 4 1/2" 11.6# J-55 casing with liner hanger. Liner bottom approx. 6750' and top of liner approx. 5350', cemented w/500 sx Class "H". Propose to test Delaware Sand as follows: perforate 6424-71' (16 shots), 6199-6214' (16 shots), 6047-90' (14 shots), 5965-71' (8 shots). Acidize perforations in separate stages. Zones will be swab/tested and frac'd as necessary to obtain production.

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.

SIGNATURE Juanita Goodlett TITLE Production Supervisor DATE 11-14-91

TYPE OR PRINT NAME Juanita Goodlett TELEPHONE NO. 505/748-1471

(This space for State Use)

ORIGINAL APPROVED BY JERRY SEXTON

NOV 18 1991

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

NOV 15 1991

682
HOBBS OFFICE

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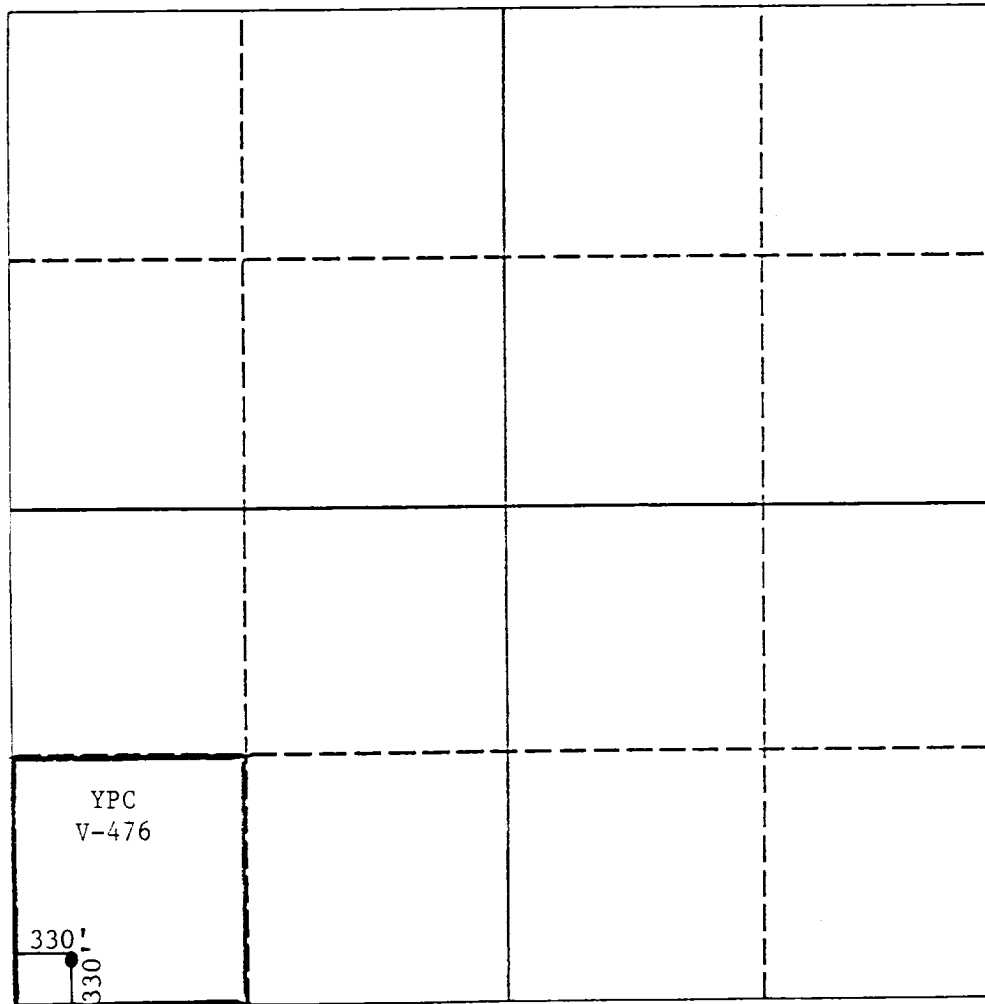
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator YATES PETROLEUM CORPORATION			Lease Moonrise State Unit		Well No. 1
Unit Letter M	Section 27	Township 18-S	Range 36-E	NMPM	County Lea
Actual Footage Location of Well: 330 feet from the South line and 330 feet from the West line					
Ground level Elev. 3795.5	Producing Formation Delaware		Pool Undes. Delaware	Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Printed Name

JUANITA GOODLETT

Position

PRODUCTION SUPERVISOR

Company

YATES PETROLEUM CORPORATION

Date

10-16-91

SURVEYOR CERTIFICATION

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

Refer to original plat

Signature & Seal of dated 2-18-87
Professional Surveyor

Certificate No.

RECEIVED

NOV 15 1991

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HOBBS OFFICE