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JAN 27 '89

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
LG-5246

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
b. Type of Well 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 Pathfinder AFT State
2. Name of Operator Yates Petroleum Corporation		9. Well No. 5
3. Address of Operator 105 South Fourth Street, Artesia, New Mexico 88210		10. Field and Pool, or Wildcat Diablo San Andres
4. Location of Well UNIT LETTER <u>O</u> LOCATED <u>330</u> FEET FROM THE <u>South</u> LINE AND <u>1650</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>21</u> TWP. <u>10S</u> RGE. <u>27E</u> NMPM		12. County Chaves
19. Proposed Depth 2150'		19A. Formation San Andres
20. Rotary or C.T. Cable Tool		
21. Elevations (show whether DF, KT, etc.) 3838' 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. 600'	300 sacks	Circulate
7-7/8"	5-1/2"	14# J-55	TD	300 sacks	

We propose to drill and test the San Andres formation. Approximately 600' of surface casing will be set and cement circulated. If commercial, production casing will be run and cemented with adequate cover, perforate and stimulate as needed for production.

MUD PROGRAM: That which is used in cable tool operation.

NOTE: There is an existing well located in this quarter-quarter. Yates is the operator of this well and a copy of the plat has been filed. The well is located 990' FSL and 1650' FEL. This well is marked on Exhibit A.

POST ID-1
N & L API
2-3-89

180 DAYS
7/27/89

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 Permit Agent Date January 27, 1989

(This space for State Use)

Original Signed By
Mike Williams

APPROVED BY _____ TITLE _____ DATE JAN 27 1989

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.

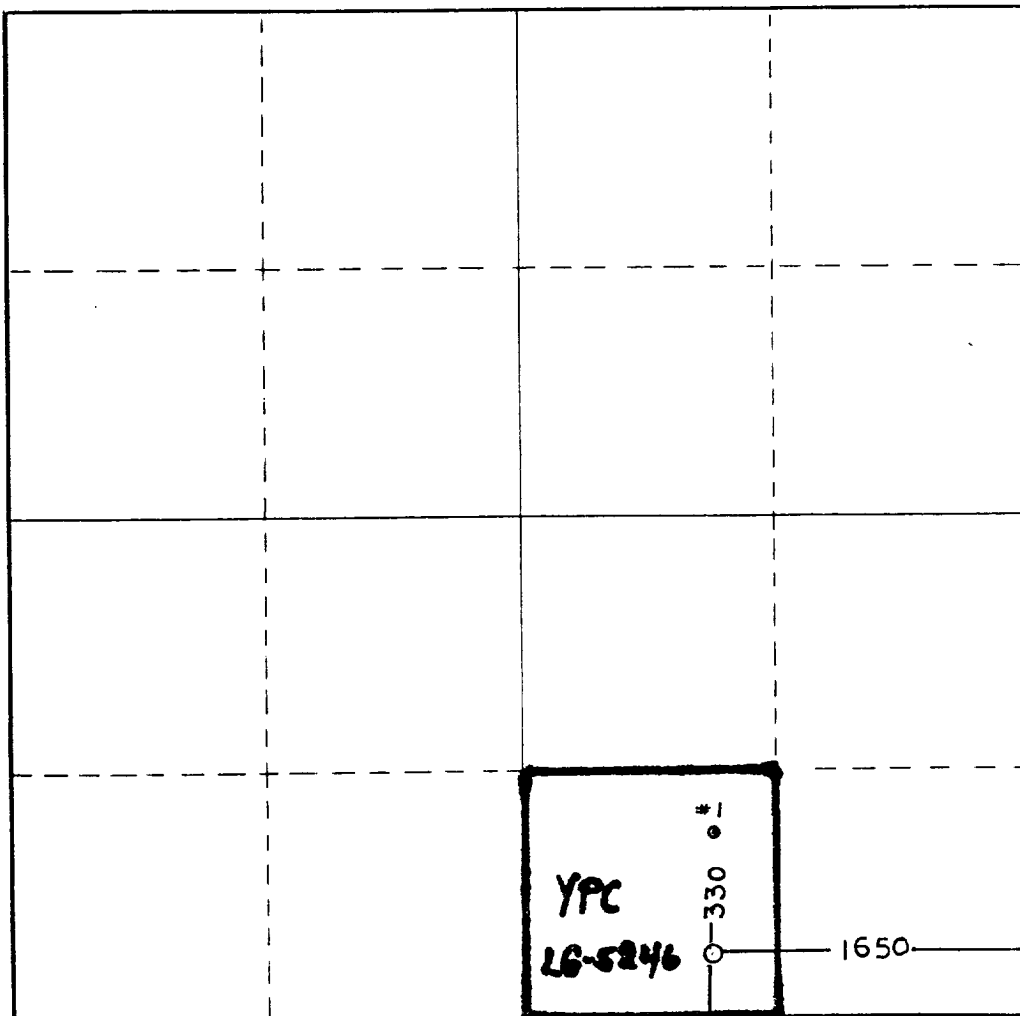
Operator YATES PETROLEUM CORPORATION		Lease PATHFINDER "AFT" STATE		Well No. 5
Unit Letter O	Section 21	Township 10 South	Range 27 East	County Chaves
Actual Footage Location of Well: 330 feet from the South line and 1650 feet from the East line				
Ground Level Elev. 3838	Producing Formation SAN ANTONIO	Pool Diablo San Antonio	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

Clifton R. May

Name
Clifton R. May

Position
Permit Agent

Company
Yates Petroleum Corporation

Date
January 27, 1989

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 are true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Dan R. Reddy

Certificate No.
NM PE&LS NO. 5412