

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

State of New Mexico  
Geology, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87501

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)  
**30-005-62229**

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
LG - 5246

APR 20 1990

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			ARTESIA OFFICE		
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"/>		
2. Name of Operator Yates Petroleum Corporation			8. Well No. 8		
3. Address of Operator 105 South Fourth Street, Artesia, New Mexico 88210			9. Pool name or Wildcat Diablo San Andres		
4. Well Location Unit Letter <u>G</u> : <u>2310</u> Feet From The <u>North</u> Line and <u>2239</u> Feet From The <u>East</u> Line Section <u>21</u> Township <u>10 South</u> Range <u>27 East</u> NMPM Chaves County					
10. Proposed Depth 2100		11. Formation San Andres		12. Rotary or C.T. Cable Tool	
13. Elevations (Show whether DF, RT, GR, etc.) GR 3833'		14. Kind & Status Plug, Bond Blanket		15. Drilling Contractor Undesignated	
16. Approx. Date Work will start ASAP					
17. 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'	400 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.

APPROVAL VALID FOR 180 DAYS  
EXPIRES 10/24/90  
DRILLING UNDERWAY

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

NOTE: There are two existing wells located in this quarter-quarter. Yates is the operator of both wells and copies of the plats have been filed. The Pathfinder "AFT" #2 is located 2310' FNL and 1650' FEL. The 2nd well, Pathfinder "AFT" #4 is located 1650' FNL and 1650' FEL. These wells are marked on Exhibit A.

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 Clifton R. May TITLE Permit Agent DATE 4-20-90  
(505)  
TELEPHONE NO. 748-1471

(This space for State Use)

ORIGINAL SIGNED BY  
MIKE WILLIAMS  
SUPERVISOR, DISTRICT II

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE APR 24 1990

CONDITIONS OF APPROVAL, IF ANY:

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

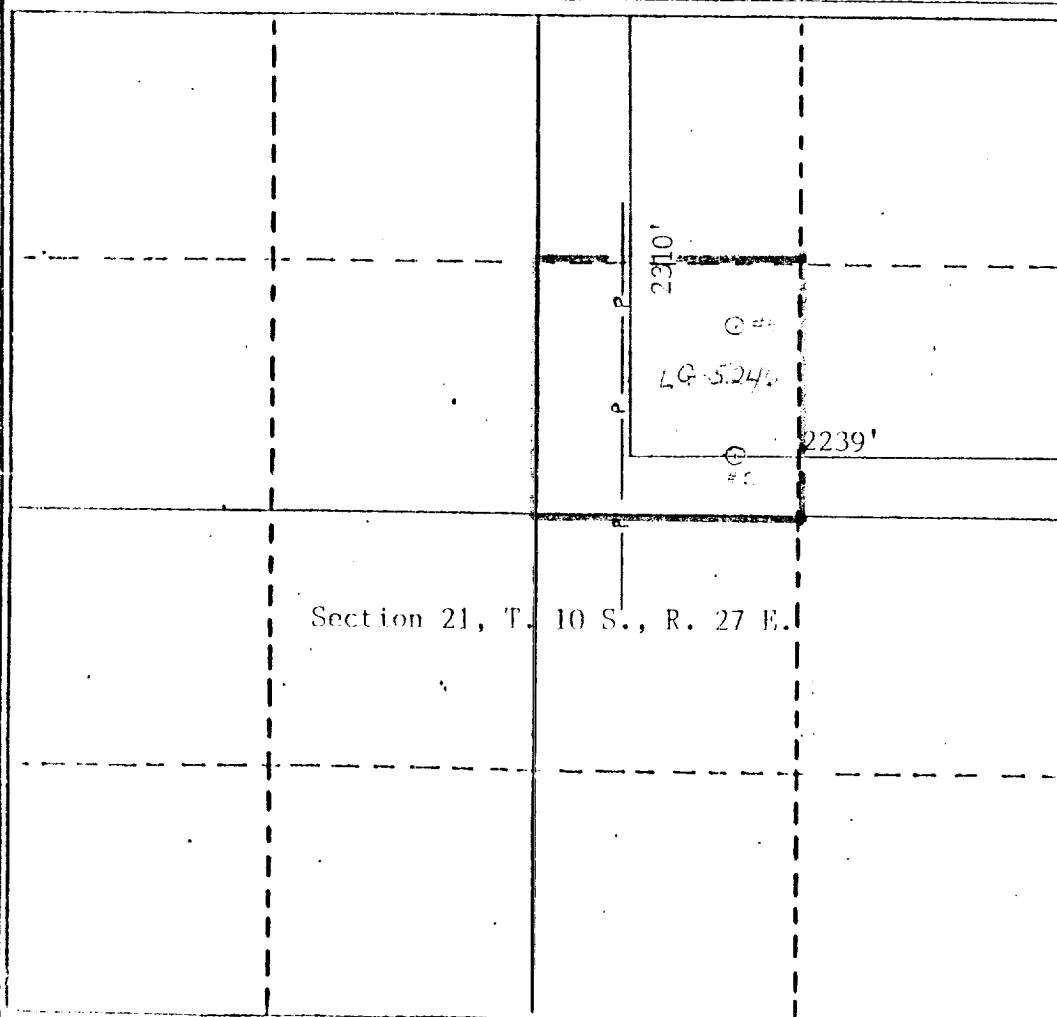
Operator Yates Petroleum Corporation		Lease Pathfinder AFT State		Well No. 8
Unit Letter G	Section 21	Township 10 South	Range 27 East	County Chaves
Actual Footage Location of Well: 2310 feet from the North line and 2239 feet from the East line				
Ground Level Elev. 3833	Producing Formation SAN ANDES	Pool DIABLO SAN ANDRES	Dedicated Acreage 40 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 Division.



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  
4-19-90

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.

JOHN D. JAQUES  
NEW MEXICO  
Date Surveyed  
April 16 1990  
Registered Professional Engineer  
on: 12/1/88  
JOHN D. JAQUES  
PROFESSIONAL ENGINEER  
Certificate No. 6290