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LAND OFFICE	
OPERATOR	

JUN 28 '88

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
LG-5246	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		ARTESIA, OFFICE	
b. Type of Well		PLUG BACK <input type="checkbox"/>	
OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	SINGLE ZONE <input type="checkbox"/>	MULTIPLE ZONE <input type="checkbox"/>
2. Name of Operator			
Yates Petroleum Corporation			
3. Address of Operator			
105 South Fourth Street - Artesia, NM 88210			
4. Location of Well			
UNIT LETTER	G	LOCATED	2310
		FEET FROM THE	North
		LINE	
AND	1650	FEET FROM THE	East
		LINE OF SEC.	21
		TWP.	10S
		RGE.	27E
		NMPM	
11. Elevations (Show whether DT, RT, etc.)		19. Proposed Depth	19A. Formation
3838.5' GR		2100'	San Andres
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	20. Rotary or C.T.
Blanket		Undesignated	Rotary & CT
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, perforated and stimulated as needed for production. Plans are to drill to approximately 1950' with rotary rig using air and then drill to total depth using a cable tool.

Mud: Drill to 1950' using air; TD with cable tool rig.

POST 10-1
NL & API
7-1-88

APPROVED FOR 180 DAYS
12/29/88
UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEEN 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 June 28, 1988

(This space for State Use)

Original Signed By

Mike Williams

Oil & Gas Inspector

APPROVED BY

DATE

CONDITIONS OF APPROVAL, IF ANY

JUN 29 1988

**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.

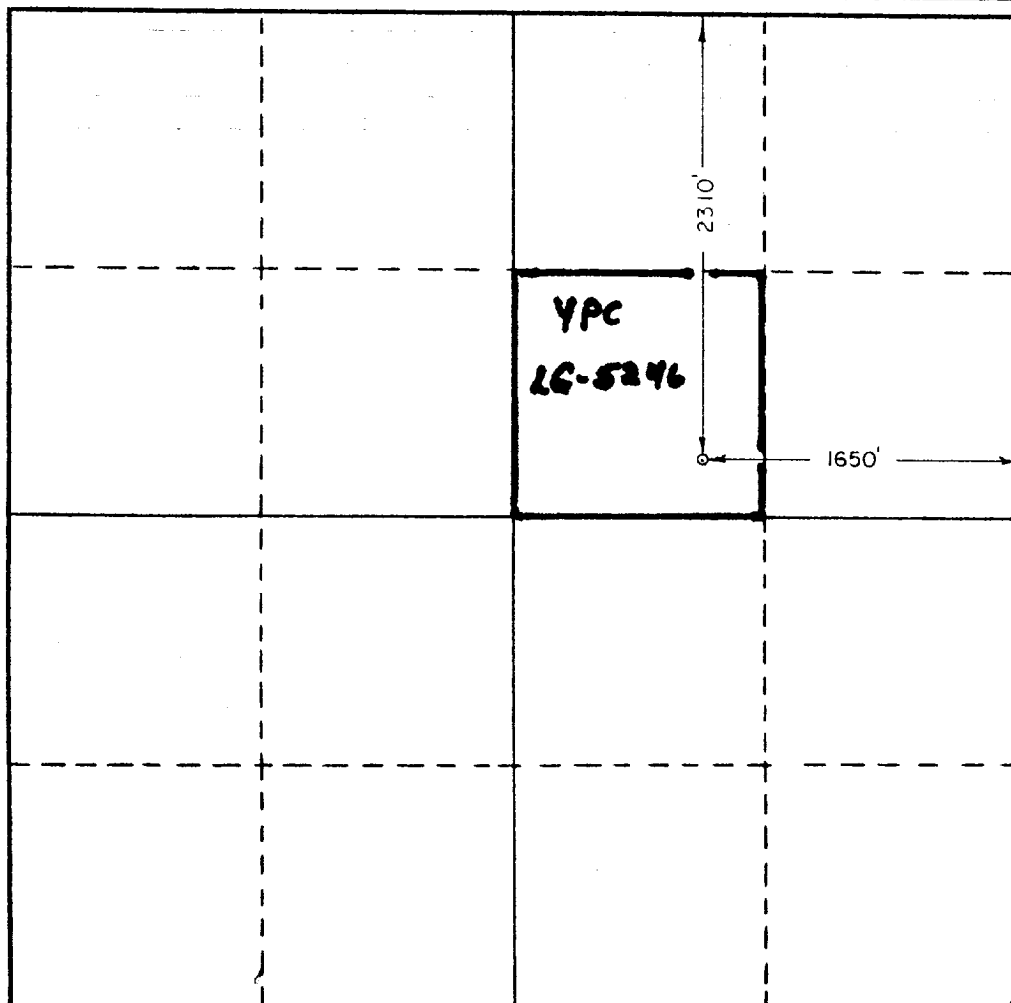
Operator YATES PETROLEUM CORPORATION			Lease PATHFINDER "AFT" STATE		Well No. 2
Unit Letter G	Section 21	Township 10 South	Range 27 East	County Chaves	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 2310 feet from the North line and 1650 feet from the East line </div>					
Ground Level Elev. 3838.5	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 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 communization, 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 communization, 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

June 28, 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.

Date Surveyed

HERSCHEL
Registered Professional Engineer
No. 10840

STATE OF NEW MEXICO
Certificate No. 10840

EXHIBIT B

BDP DIAGRAM

RATED 3000[#]

