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P. O. BOX 2048  
SANTA FE, NEW MEXICO 87501

RECEIVED BY  
**AUG 23 1983**  
O. C. D.  
ARTESIA OFFICE

5A. Indicate Type of Lease  
STATE  FEE   
5. State Oil & Gas Lease No.  
LG-6682

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work  
DRILL  DEEPEN  PLUG BACK   
b. Type of Well  
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

7. Unit Agreement Name  
8. Farm or Lease Name  
Bajillo Draw "WQ" St

Name of Operator  
Yates Petroleum Corporation

9. Well No.  
5

Address of Operator  
207 S. 4th, Artesia, New Mexico 88210

10. Field and Pool, or Wildcat  
Undes. Pecos Slope

Location of Well UNIT LETTER E LOCATED 1980 FEET FROM THE North LINE

Abo

NO 660 FEET FROM THE West LINE OF SEC. 27 TWP. 7S RGE. 23E NMPM

12. County  
Chaves

1. Elevations (show whether DF, KT, etc.) 3898.9' GL	21A. Kind & Status Plug. Bond Blanket	19. Proposed Depth 3400'	19A. Formation Abo	20. Rotary or C.T. Rotary
21B. Drilling Contractor AFT #2		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
14 3/4"	10 3/4"	40.5# J-55	1100'	850 sx	circ
7 7/8"	4 1/2"	9.5# J-55	TD	350 sx	

We propose to drill and test the Abo and intermediate formations. Approximately 1100' of surface casing will be set and cement circulated to shut off gravel and caving. If needed (lost circulation) 8 5/8" intermediate casing will be run to 1500' and cemented with enough cement calculated to tie back into the surface casing. 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 1100', Brine to 3200', Brine/KCL water to TD.

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

GAS NOT DEDICATED.

APPLICANT'S OBLIGATION FOR 180 DAYS  
2-26-84  
UNLESS DRILLING UNDERWAY

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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 Regulatory Agent Date 8/18/83

(This space for State Use)

PROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE AUG 26 1983

CONDITIONS OF APPROVAL, IF ANY:

the 10 3/4 casing

Posted at Booth  
8-26-83

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.

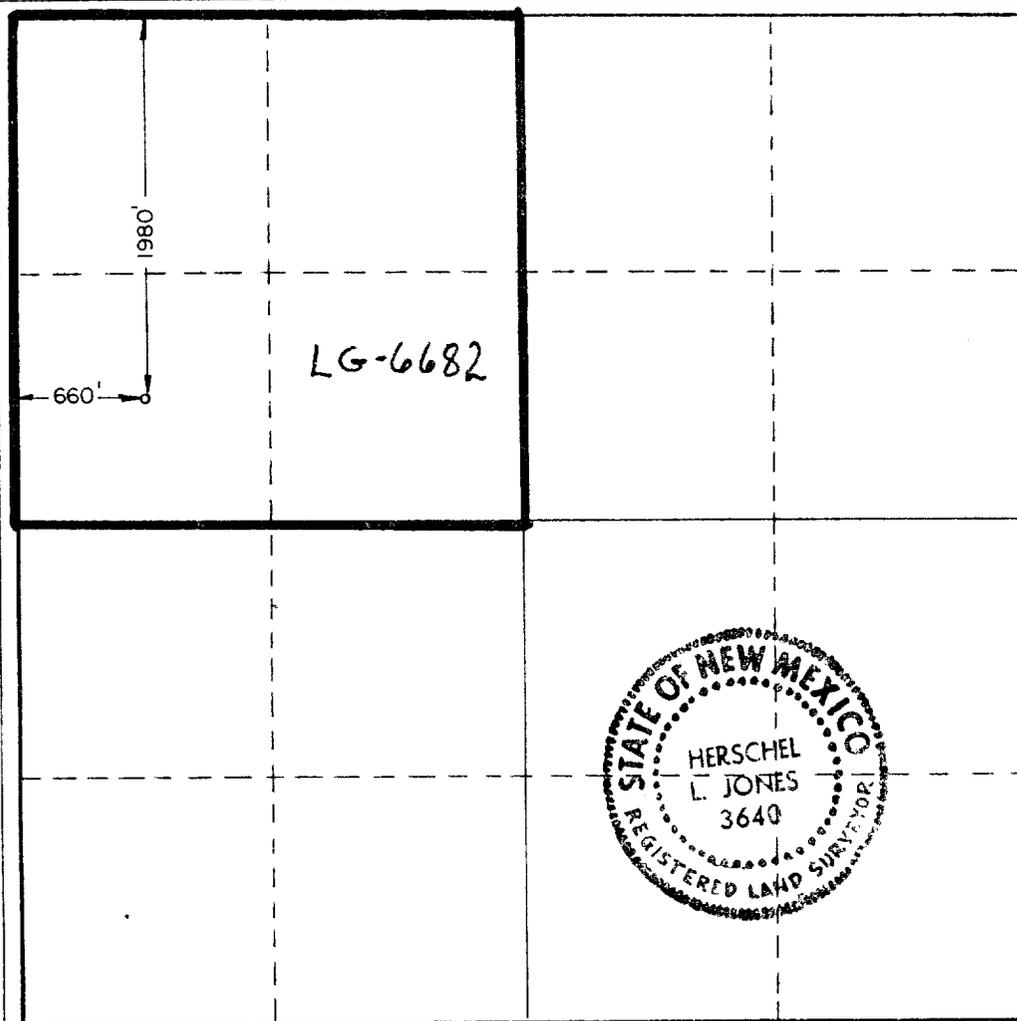
Operator <b>YATES PETROLEUM CORPORATION</b>		Lease <b>BAJILLO DRAW "WQ" STATE</b>			Well No. <b>5</b>
Unit Letter <b>E</b>	Section <b>27</b>	Township <b>7 South</b>	Range <b>23 East</b>	County <b>Chaves</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>West</b> line and <b>1980</b> feet from the <b>North</b> line					
Ground Level Elev. <b>3898.9</b>	Producing Formation <b>Abo</b>	Pool <b>Unders. W. Pecos Slope Abo</b>		Dedicated Acreage: <b>160</b> 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.

*Ken Beardemphl*  
Name

Ken Beardemphl  
Position

Regulatory Agent  
Company

Yates Petroleum Corp.

Date  
8/18/83

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  
8/15/83

Registered Professional Engineer and/or Land Surveyor

*Herschel L. Jones*  
Certificate No. 3640

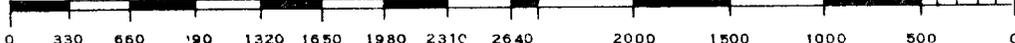


EXHIBIT B

BOP DIAGRAM

RATED 3000<sup>#</sup>

