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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
LC-3345

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work				7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				8. Firm or Lease Name	
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"/>				Hoover ADR State	
2. Name of Operator				9. Well No.	
Yates Petroleum Corporation				4	
3. Address of Operator				10. Field and Pool, or Wildcat	
105 South Fourth Street, Artesia, New Mexico 88210				Sanmal - Queen	
4. Location of Well				12. County	
UNIT LETTER N LOCATED 990 FEET FROM THE South LINE				Lea	
AND 1900 FEET FROM THE West LINE OF SEC. 1 TWP. 17S RGE. 33E NMPM					
				19. Proposed Depth	
				3900'	
				19A. Formation	
				Queen	
				20. Rotary or C.T.	
				Rotary	
21. Elevations (Show whether DP, RT, etc.)		21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
4146.7'		Blanket		ASAP	

23.

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. 1550'	1000 sacks	Circulate
7-7/8"	5-1/2"	14# J-55	TD	300 sacks	Adequate cover

We propose to drill and test the Queen formation and intermediate zones. Approximately 1550' of surface casing will be set with cement circulated to surface to shut off gravel and cavings. If productive, 5-1/2" casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: Native mud to 1550', brine water to TD

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

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

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 Cliff R. May Title Regulatory Agent Date February 13, 1987

This space for State Use

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE _____ DATE FEB 13 1987

CONDITIONS OF APPROVAL, IF ANY:

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**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.

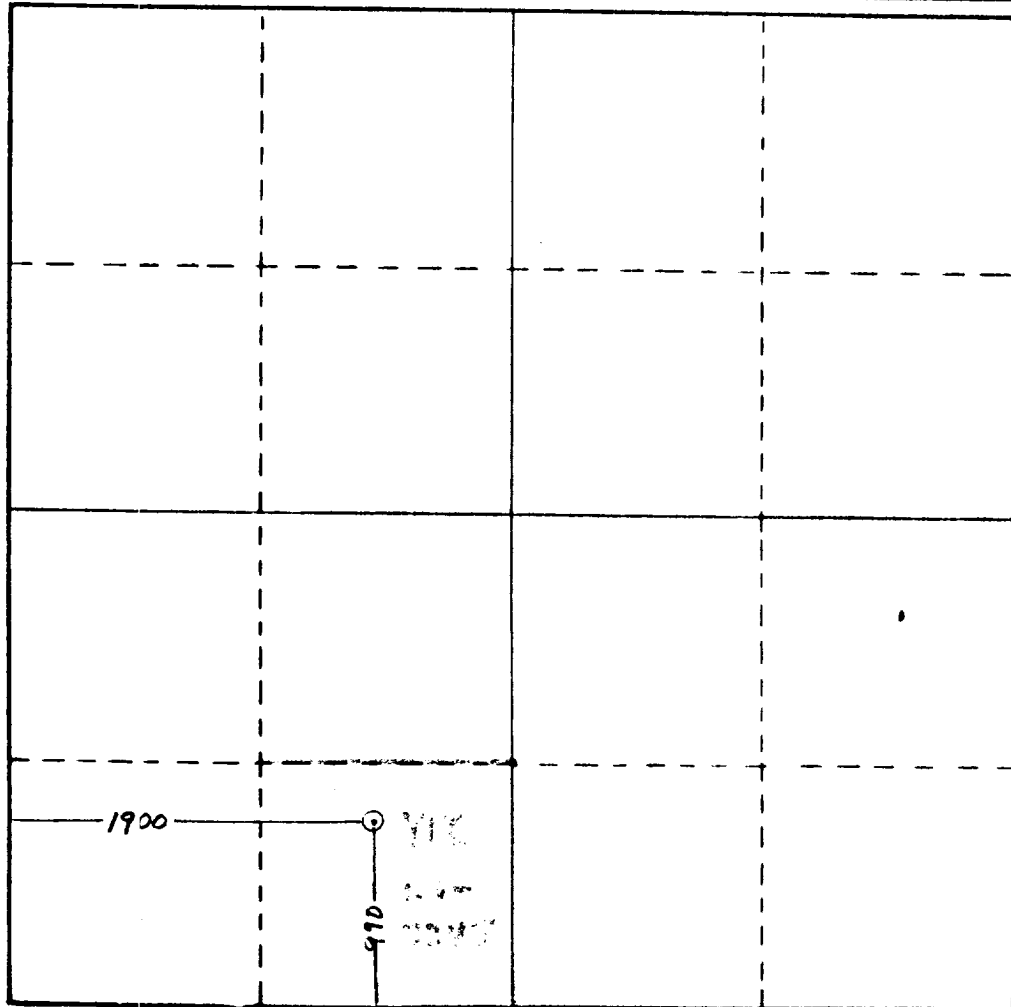
Operator YATES PETROLEUM CORPORATION			Lease HOOVER "ADR" State		Well No. 4
Unit Letter "N"	Section 1	Township 17 South	Range 33 East	County Lea	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 990 feet from the South line and 1900 feet from the West line </div>					
Ground Level Elev. 4146.7	Producing Formation QUEEN		Pool SANMAY - QUEEN		Dedicated Acreage: 10 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 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
Regulatory Agent

Company
Yates Petroleum Corporation

Date
February 13, 1987

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.

February 13, 1987

Date Surveyed
February 13, 1987
 Registered Professional Engineer
 and/or Licensed Surveyor
40

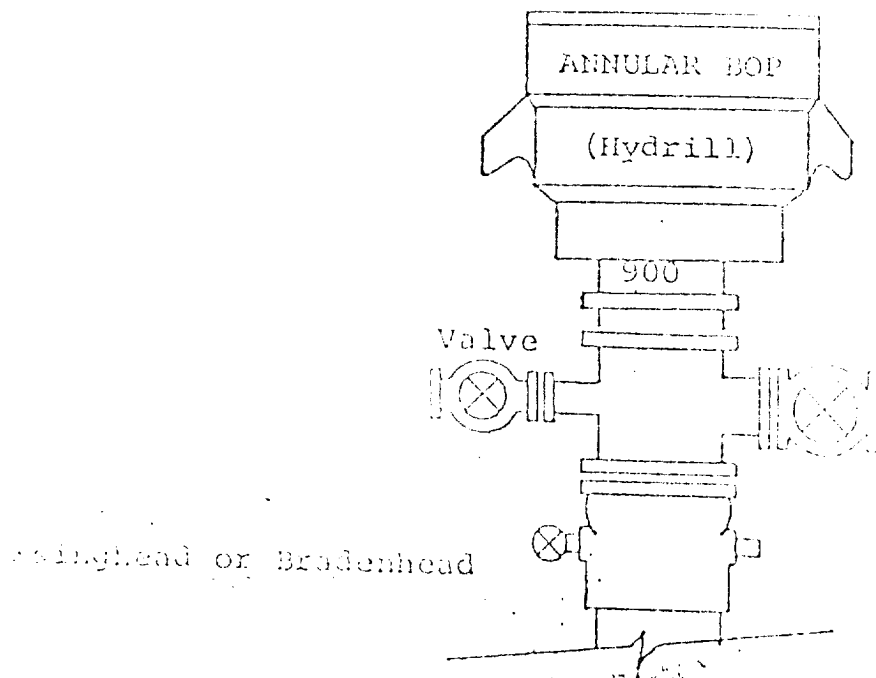
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EXHIBIT B
BDP DIAGRAM
RATED 3000[#]



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Rec'd 4-6-87
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