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NEW MEXICO OIL CONSERVATION COMMISSION

30-025-26629
Form C-101
Revised 1-4-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
L4089	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		McDaniel MV State	
SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		9. Well No.	
2. Name of Operator		10. Field and Prod. or Wildcat	
Yates Petroleum Corporation		Kemnitz - South Cisco	
3. Address of Operator		12. County	
207 South 4th Street Artesia, New Mexico 88210		Lea	
4. Location of Well		19. Proposed Depth	
UNIT LETTER D LOCATED 660 FEET FROM THE North LINE		11800'	
AND 330 FEET FROM THE West LINE OF SEC. 27 TWP. 16S RGE. 33E NMPM		19A. Formation	
		Cisco	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DF, RT, etc.)		21B. Drilling Contractor	
4192'		Ard Drilling Co.	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
Blanket		Soon as approved	

23.

PROPOSED CASING AND CEMENT PROGRAM Lease expires 1/20/80

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½	13 3/8	48#	approx. 320	225 sx	circ.
12½ - 11	8 5/8	24-32#	approx. 4500	1200 sx	circ.
7 7/8	5½ or 4½	17 - 20# or 10.5 - 11.6#	TD	250 sx	

We propose to drill and test the Cisco and intermediate formations. Surface casing and intermediate casing will be circulated. If commercial pay is encountered, 5½" or 4½" production casing will run and cemented with at least 600' of cement cover.

MUD PROGRAM: Gel & LCM to 320', Native mud & LCM to 4500', fresh water to 8000', starch-driskak-KCL to 10200', salt gel-driskak-KCL to TD.

BOP PROGRAM: BOP's on 13 3/8 to 4500', on 8 5/8" casing to TD, tested and Yellow jacket.

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 Alvin Rodriguez Title Engineer Date 1/7/80

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT I DATE JAN 11 1980

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.

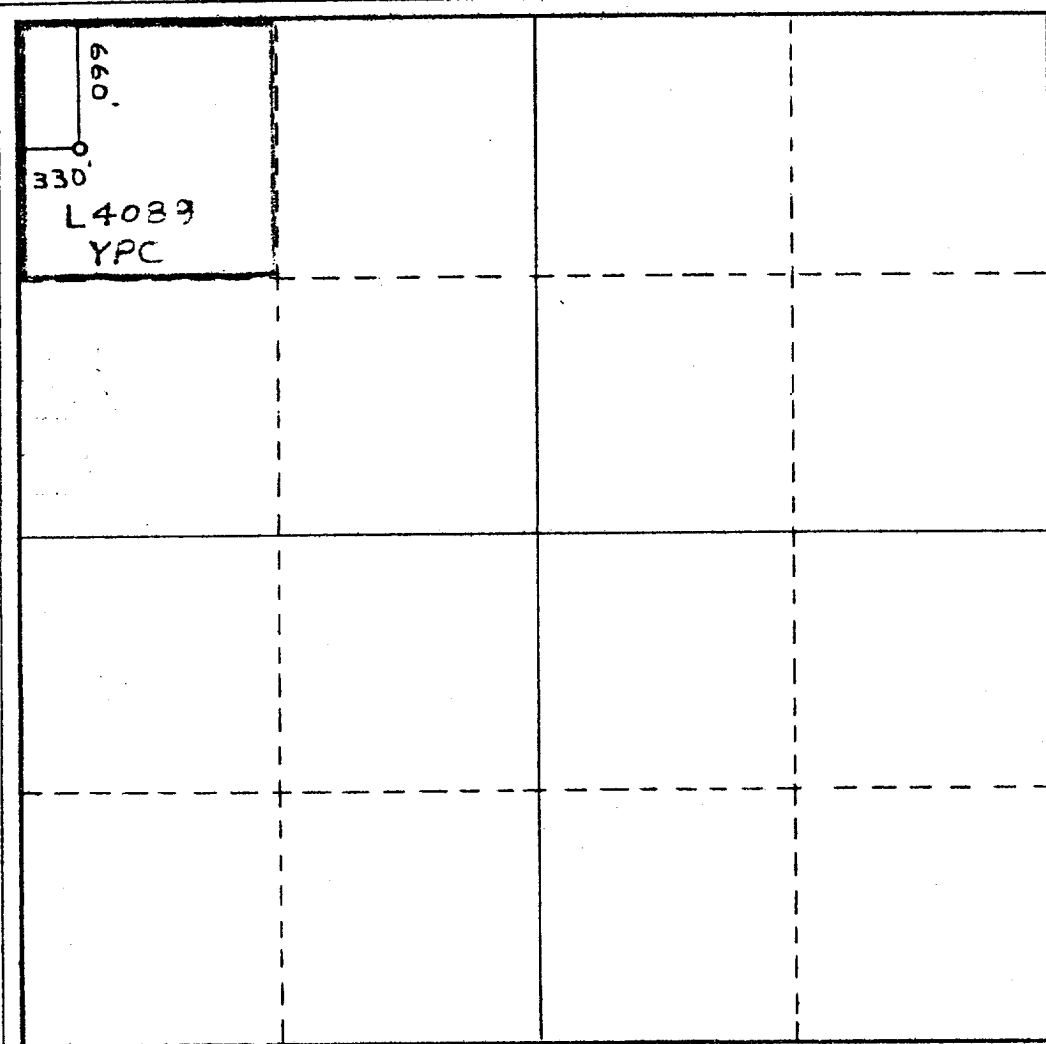
Operator Yates Petroleum Corporation			Lease McDaniel "MV" State		Well No. 1
Unit Letter D	Section 27	Township 16S	Range 33E	County Lea	
Actual Footage Location of Well: 660 feet from the North line and 330 feet from the West line					
Ground Level Elev. 4192	Producing Formation CLISCO	Pool KEMNITZ - 8TH CLISCO	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.

Name

GLISERIO RODRIGUEZ

Position

GEOGRAPHER

Company

Yates Petroleum Corporation

Date

1-8-80

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.

1/5/80

Date Survey

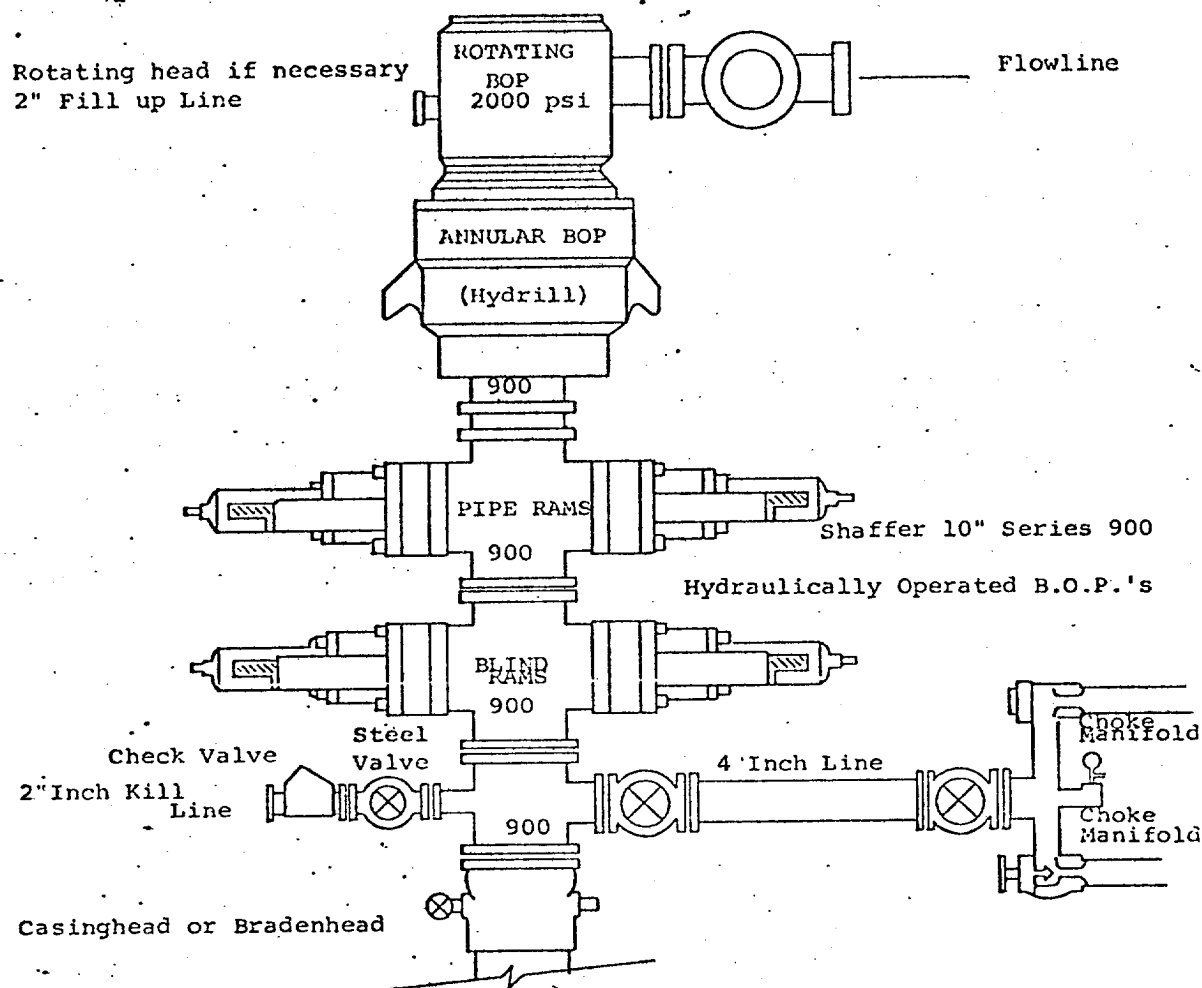
Registered Professional Engineer and/or Land Surveyor

L. JONES

Certificate No.

36400

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

1. All preventers to be hydraulically operated with secondary manual controls installed prior to drilling out from under casing.
2. Choke outlet to be a minimum of 4" diameter.
3. Kill line to be of all steel construction of 2" minimum diameter.
4. All connections from operating manifolds to preventers to be all steel. hole or tube a minimum of one inch in diameter.
5. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.
6. All connections to and from preventer to have a pressure rating equivalent to that of the B.O.P.'s.
7. Inside blowout preventer to be available on rig floor.
8. Operating controls located a safe distance from the rig floor.
9. Hole must be kept filled on trips below intermediate casing. Operator not responsible for blowouts resulting from not keeping hole full.
10. D. P. float must be installed and used below zone of first gas intrusion.