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NEW MEXICO OIL CONSERVATION COMMISSION

30-025-27074
Form C-101
Revised 1-1-65

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Buffalo Wallow "LH" Com.	
2. Name of Operator Yates Petroleum Corporation		9. Well No. 1	
3. Address of Operator 207 South 4th Street Artesia, NM 88210		10. Field and Pool, or Wildcat Undes.	
4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>21</u> TWP. <u>9s</u> RGE. <u>32E</u> NMPM		12. County Lea	
19. Proposed Depth 10,450		19A. Formation Morrow	20. Rotary or C.T. Rotary
21. Elevations (Show whether DT, RT, etc.) 4359.8	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Ard. 6	22. Approx. Date Work will start As soon as approved

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48# S-55	350'	350 SX	circulate
12 1/2" or 11"	8 5/8"	24# S-55	3600'	1000 SX	"
7 7/8"	5 1/2"	15-5-17#	TD	300 SX	

We propose to drill and test the Mississippi Limestone formation and intermediate zones. Approximately 350' of surface casing will be set, cement will be circulated to shut off gravel and cavings. Intermediate casing will be set approximately 3600' and cement circulated. If productive, will run 5 1/2" casing and cement cover (600').

MUD PROGRAM: FW gell to 350', Native mud to 3600', water and paper to 7500', starch-driskpak-KCL to 10000', Flosal-driskpak-KCL to TD.

BOP PROGRAM: BOP's to be installed on intermediate casing and tested, pipe rams daily.

GAS NOT DEDICATED

APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 1/6/81
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 [Signature] Title Regulatory Coordinator Date 10/5/80

APPROVED BY [Signature] TITLE OIL & GAS INSPECTOR DATE [Signature]
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.

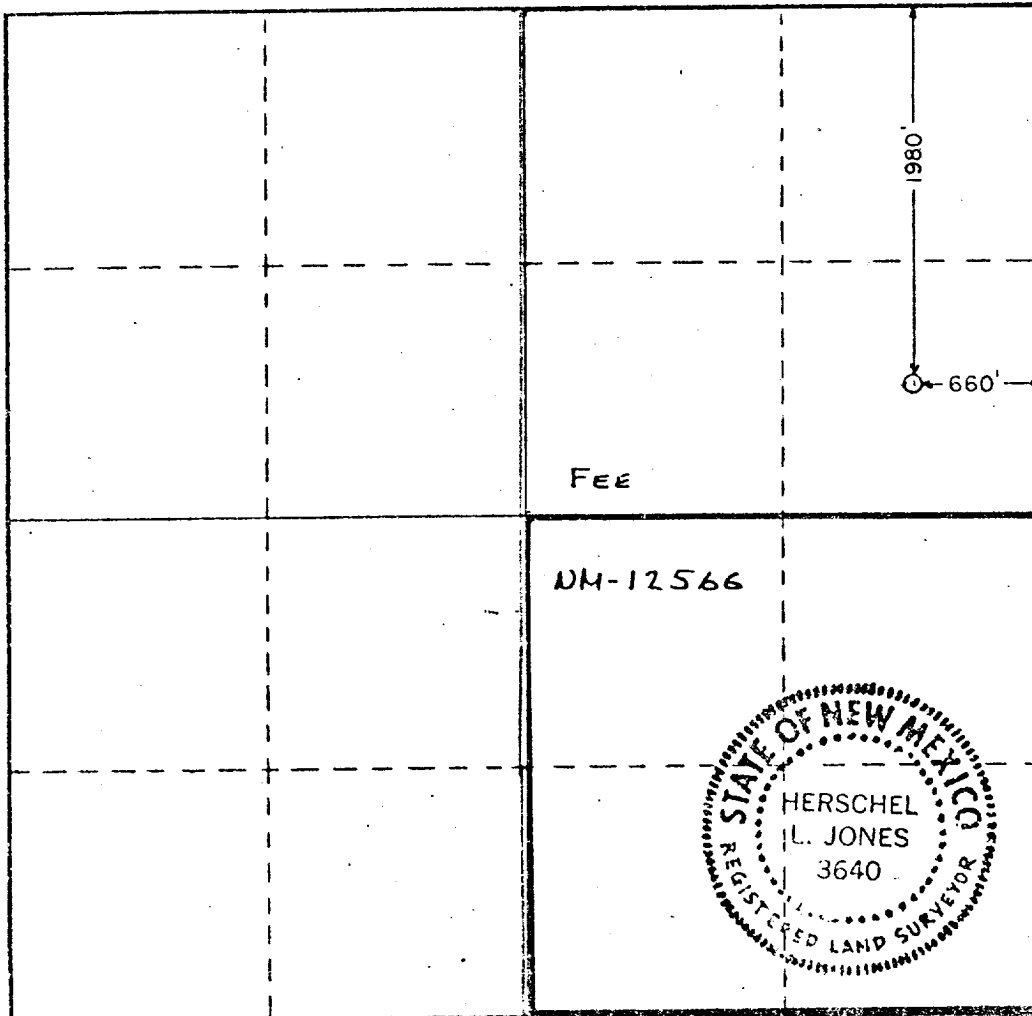
Operator YATES PETROLEUM CORPORATION		Lease Buffalo Wallow LH Com		Well No. 1
Unit Letter H	Section 21	Township 9 South	Range 32 East	County Lea
Actual Footage Location of Well: 1980 feet from the North line and 660 feet from the East line				
Ground Level Elev. 4359.8	Producing Formation MORROW	Pool WILDCAT	Dedicated Acreage: 320 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 COMMUNITIZATION

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.

Bliserio Rodriguez
Name

BLISERIO RODRIGUEZ
Position

GEOGRAPHER

Company
YATES PETROLEUM CORP.

Date
10-3-80

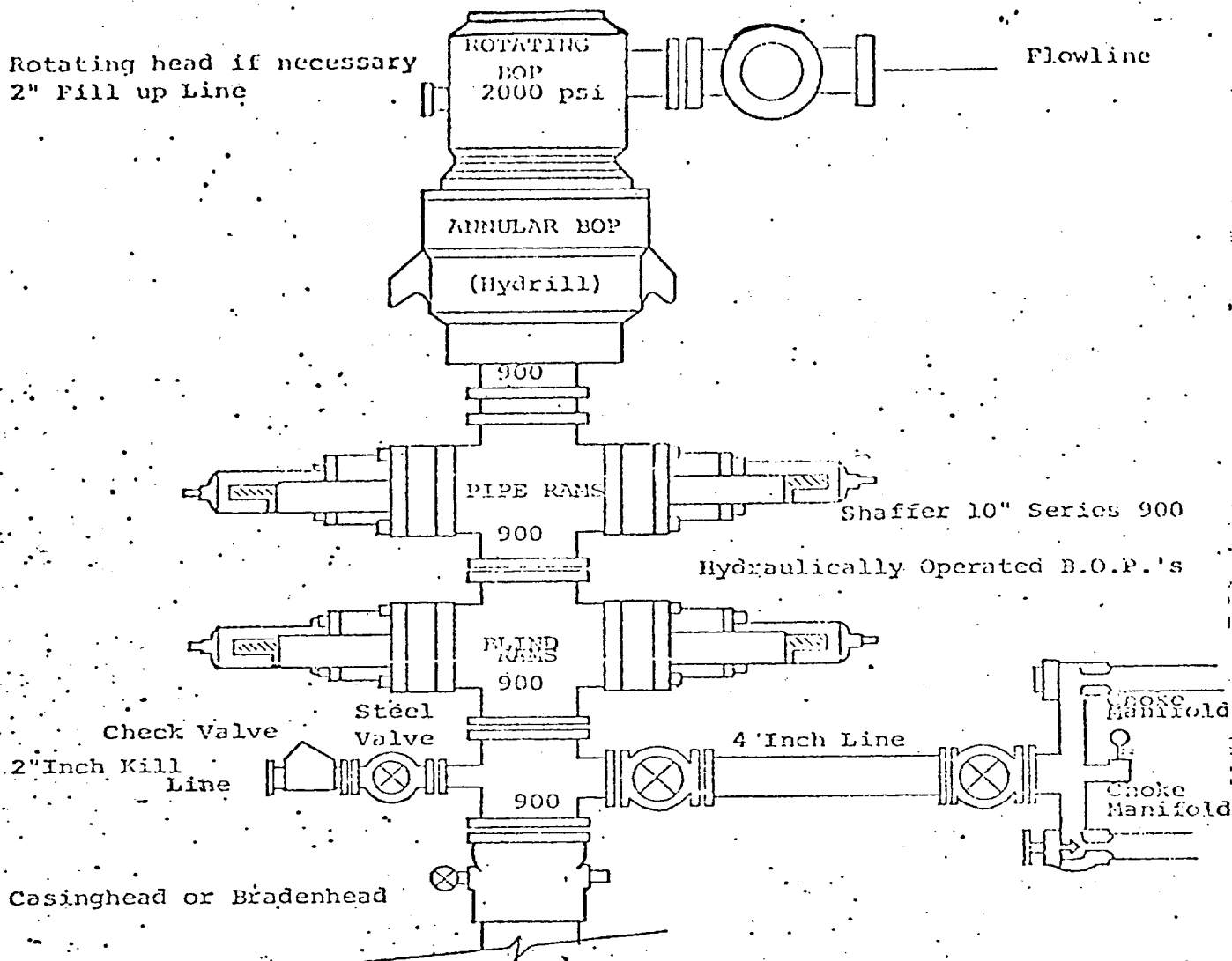
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 1, 1980

Registered Professional Engineer
and/or Land Surveyor

Herschel L. Jones
Certificate No.
3640

0 330 660 990 1320 1650 1980 2310 2640 2000 1800 1600 1400 1200 1000 800 0



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.