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NEW MEXICO OIL CONSERVATION COMMISSION

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JUL 19 1978

O. C. C.  
ARTESIA, OFFICE

30-015-22619

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.
7. Unit Agreement Name
8. Farm or Lease Name Riley JU Com
9. Well No. 1
10. Field and Pool, or Wildcat Undesignated Atoka
12. County Eddy
19. Proposed Depth 7200
19A. Formation Atoka
20. Rotary or C.T. C.T. & Rotary
21. Elevations (Show whether DF, RT, etc.) 3851
21A. Kind & Status Plug. Bend Blanket
21B. Drilling Contractor LaRue & Muncy
22. Approx. Date Work will start July 30, 1978

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> 2. Name of Operator Yates Petroleum Corporation ✓ 3. Address of Operator 207 South 4th Str. - Artesia, NM 4. Location of Well UNIT LETTER 0 LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 18 TWP. 17S RGE. 24E NMPM 19. Proposed Depth 7200 19A. Formation Atoka 20. Rotary or C.T. C.T. & Rotary 21. Elevations (Show whether DF, RT, etc.) 3851 21A. Kind & Status Plug. Bend Blanket 21B. Drilling Contractor LaRue & Muncy 22. Approx. Date Work will start July 30, 1978	7. Unit Agreement Name	8. Farm or Lease Name Riley JU Com	9. Well No. 1	10. Field and Pool, or Wildcat Undesignated Atoka	12. County Eddy
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## 23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17"	13-3/8"	48#	Approx 160'	100 sx	Circulate
12 1/4"	8-5/8"	24#	" 1000'	500 sx	Circulate
7-7/8"	5 1/2" or 4 1/2"	15.5# or 10.5#	" 7200'	250 sx	

Propose to drill & test the Atoka and intermediate formations. Approx. 160' of surface casing will be set to shut off gravel & cavings, and intermediate casing will be set thru the slaughter porosity. If commercial pay is encountered, will run 5 1/2" or 4 1/2" casing, cement with 600' of cement cover, perforate & stimulate as needed for production. Will probably spud with cable tools while waiting on rotary tools.

Mud Program: FW gel & LCM (or dry drill) to 1000', native mud to 3500', 2% KCL starch-driskpak to 6200', flosal-driskpak-KCL to TD.

BOP Program: BOP's & hydril on 8-5/8" casing, tested daily.

Gas not dedicated.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 10-21-78

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 Eddie M. McLeod Title Engineer Date July 18, 1978  
(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE JUL 21 1978  
CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to  
surface behind 13 3/8" + 8 7/8" casing

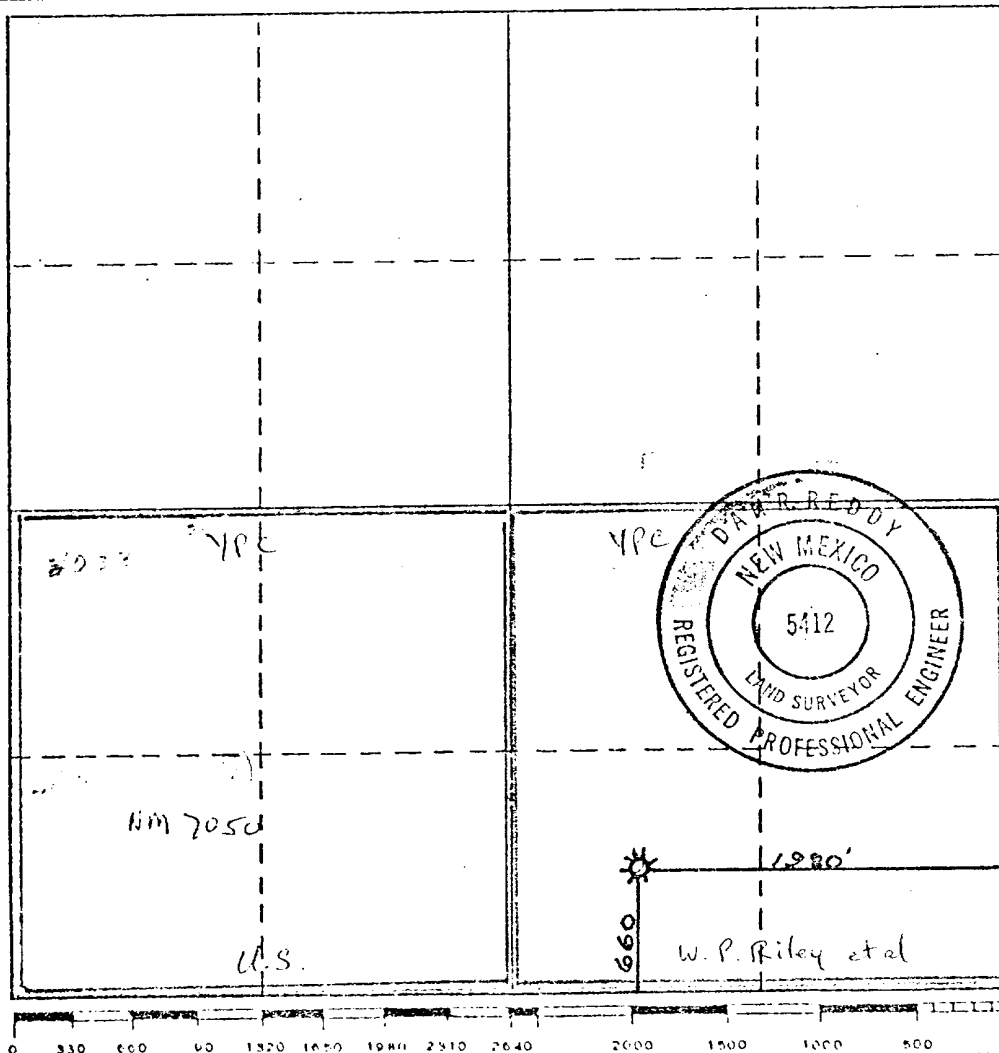
Notify N.M.O.C.C. in \_\_\_\_\_  
time to witness cementing  
the 8 7/8" casing

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

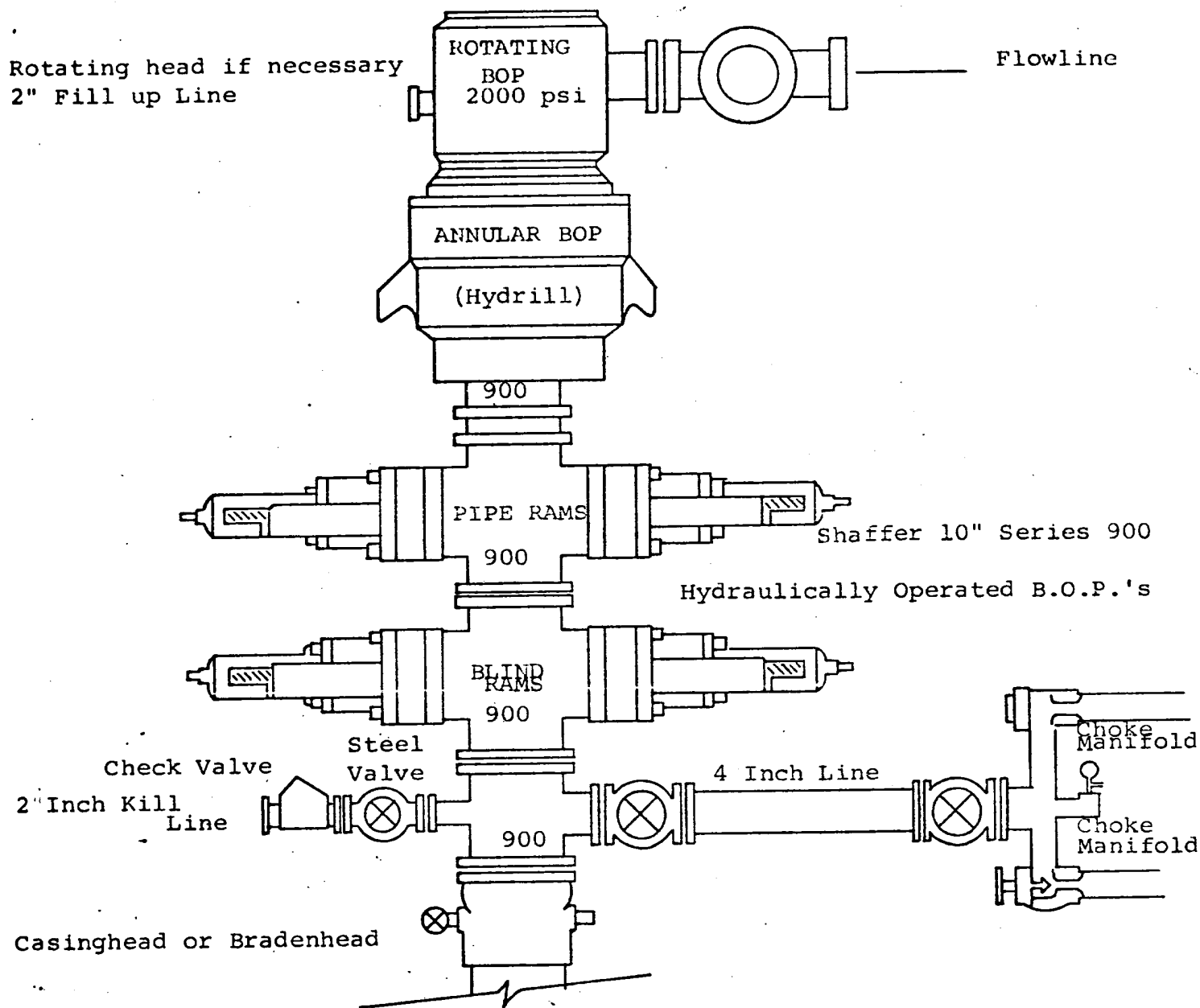
Form C-132  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator <b>YATES PETROLEUM CORPORATION</b>			Lease <b>Riley JU. Com.</b>		Well No. <b>1</b>
Unit Letter <b>O</b>	Section <b>18</b>	Township <b>17 South</b>	Range <b>24 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well:					
<b>1980</b>	feet from the	<b>East</b>	line and	<b>660</b>	feet from the <b>South</b>
Ground Level Elev. <b>3851</b>	Producing Formation <b>Atoka-Morrow</b>		Pool <b>Undesignated</b>		Dedicated Acreage <b>320.07</b>
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>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?</p> <p><input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No   If answer is "yes," type of consolidation <u><b>Communitization</b></u></p> <p>If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>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.</p>					



CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	<b>Eddie M. Mahfood</b>
Position	<b>Engineer</b>
Company	<b>YATES PETROLEUM CORP.</b>
Date	<b>July 17 1978</b>
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	<b>July 17, 1978</b>
Registered Professional Engineer and/or Land Surveyor	<b>David R. Reddy</b>
Certificate No.	<b>NM PE&amp;LS #5412</b>



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.