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NEW MEXICO OIL CONSERVATION COMMISSION

JUN 21 1978

O. C. C.
ARTESIA, OFFICE

30-005-60519

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.	K-5999

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"/>		Dunkan Dome Unit	
2. Name of Operator Yates Petroleum Corporation		8. Farm or Lease Name Dunkan Dome Unit	
3. Address of Operator 207 South Fourth Street		9. Well No. 3	
4. Location of Well UNIT LETTER P LOCATED 990 FEET FROM THE South LINE AND 1180 FEET FROM THE East LINE OF SEC. 7 TWP. 17S RGE. 18E NMPM		10. Field and Pool, or Wildcat Wildcat	
		12. County Chaves	
		19. Proposed Depth 4600'	
		19A. Formation Devonian	
		20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 5368' GR		21A. Kind & Status Plug. Bond Blanket	
		21B. Drilling Contractor LaRue & Muncy	
		22. Approx. Date Work will start June 26, 1978	

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#	Approx 1150'	550 sacks	circulate
7-7/8"	5 1/2" or 4 1/2"	15.5#-10.5#	" 4600'	250 sacks	

Propose to drill to the Devonian and test all possible hydrocarbon pays. No surface casing is anticipated, but if necessary will ream hole and set 300' of 13-3/8" casing, cement to surface. Will set 8-5/8" casing at approximately 300' into the Yeso formation and cement to surface. If commercial pay is encountered, will run 5 1/2" or 4 1/2" casing.

Mud Program: Foam to 1150', starch, mud & LCM to 4000', Lo fluid loss mud to TD.

BOP Program: BOP's will be installed on the 8-5/8" casing and tested daily.

APPROVAL AND
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 12-1-78

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. Malford Title Engineer Date 6-21-78
(This space for State Use)

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II DATE SEP 1 - 1978

CONDITIONS OF APPROVAL, IF ANY:

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

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

N MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

APR 12 1978

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

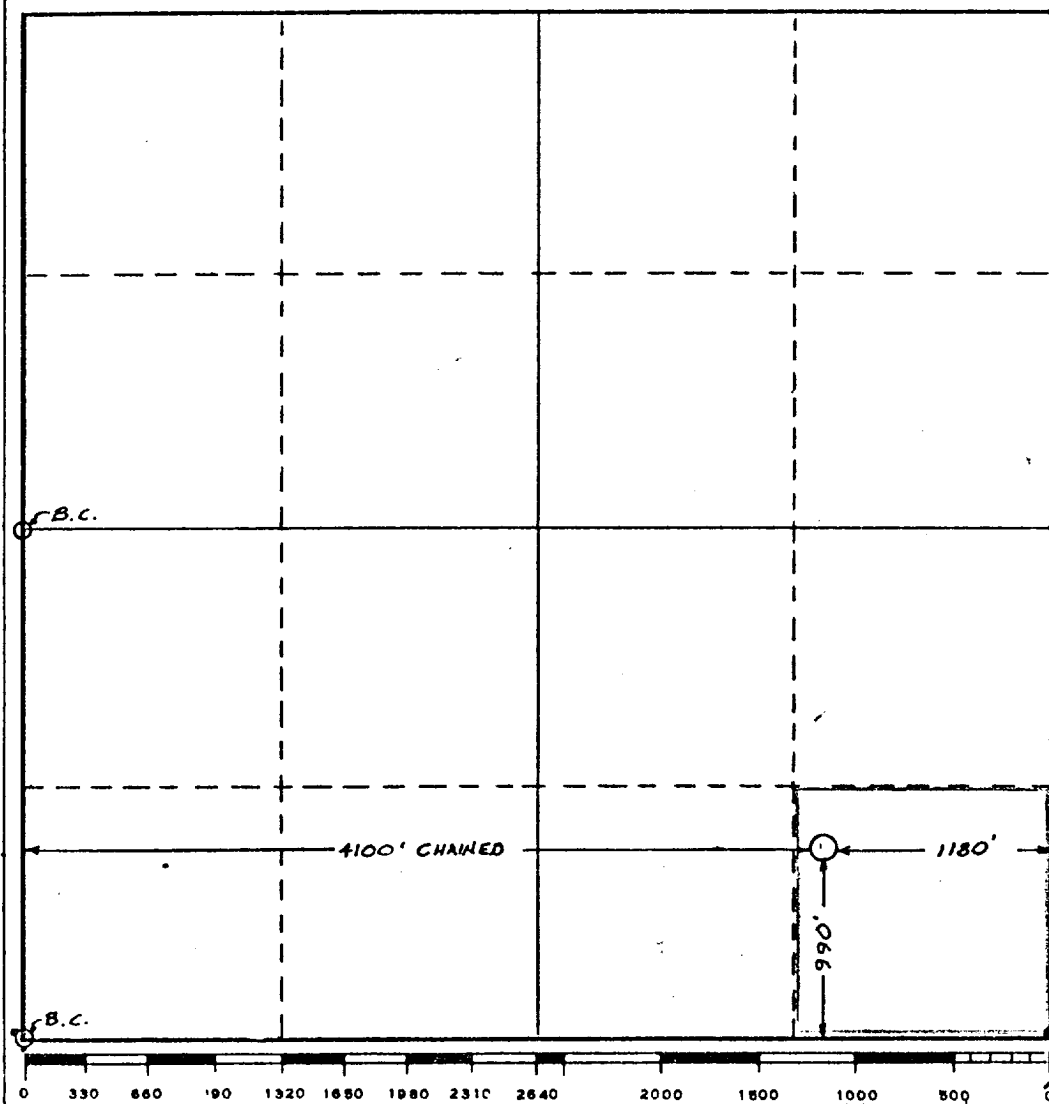
Operator YATES PETROLEUM COMPANY			Lease Dunken Dome <i>Ut.</i>		Well No. 3
Unit Letter P	Section 7	Township 17 S.	Range 18 E.	County Chaves	
Actual Footage Location of Well: 990 feet from the South line and 1180 feet from the East line					
Ground Level Elev. 5368	Producing Formation Devonian	Pool Wildcat		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.

Eddie M. Mahood
Name

EDDIE M. MAHFOOD

Position

ENGINEER

Company

YATES PETROLEUM CORP

Date

June 20, 1978

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.

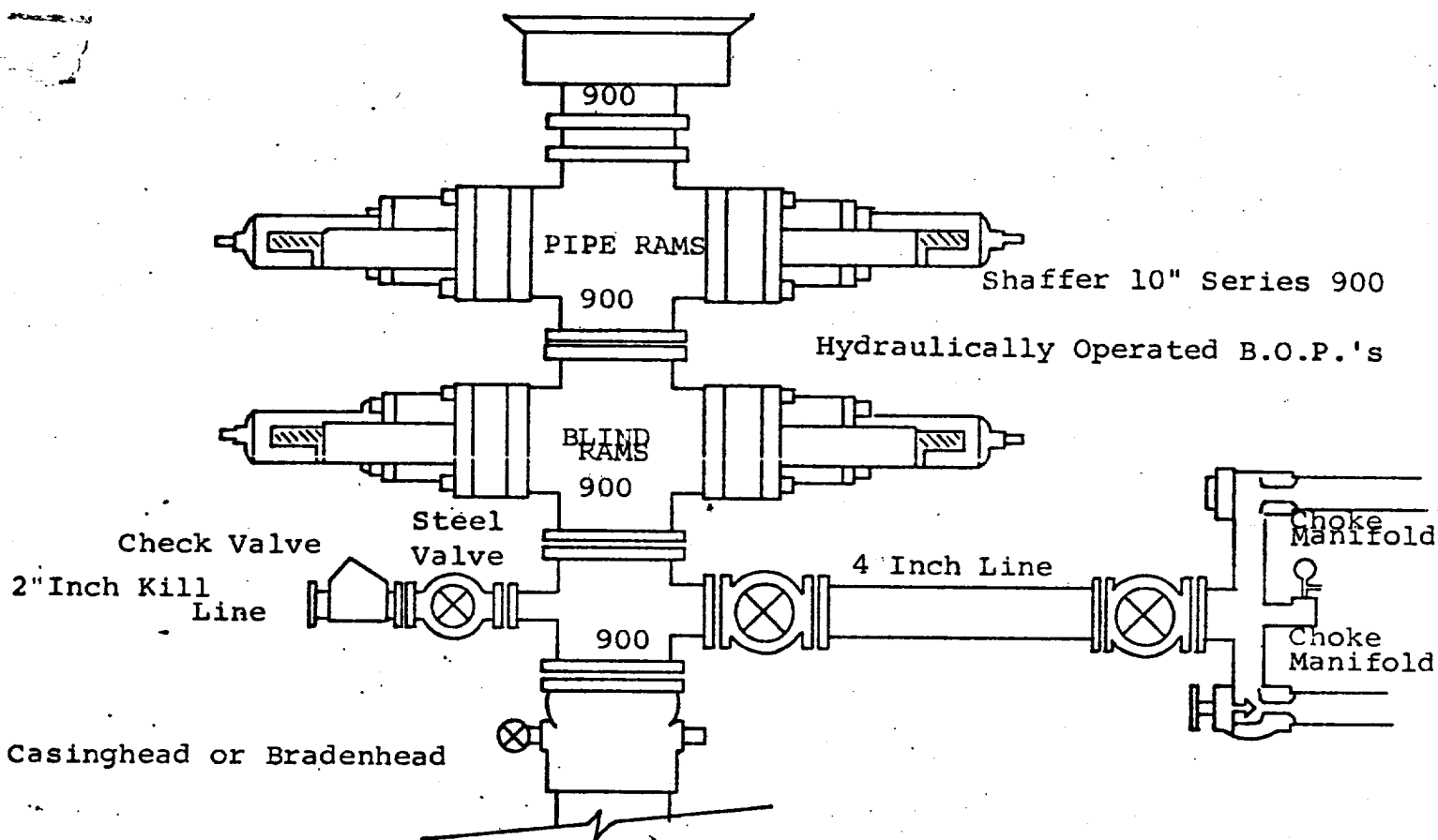
Date Surveyed

April 12, 1978

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

3600



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.