

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Yates Petroleum Corporation

3. ADDRESS OF OPERATOR

207 South Fourth Street, Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1880' FNL & 1980' FEL of Sec. 15-21S-21E

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

32 miles west of Carlsbad, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION

TO NEAREST WELL, DRILLING COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES ASSIGNED

19. PROPOSED DEPTH

8250'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DP, RT, GR, etc.)

4672' GR

22. APPROX. DATE WORK WILL START*

2 to 3 weeks

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13-3/8"	48# J-55	Approx. 40'	2 yards Ready-Mix
12¾"	8-5/8"	24# J-55	Approx. 1100'	600 sacks - circulate
7-7/8"	5½" or 4½"	15.5-17# K-55	TD	250 sacks
		or 10.5-11.6# K-55		300 sacks

Propose to drill & test the Morrow and intermediate formations. One joint conductor pipe will be set and approximately 1100' intermediate casing will be set through the San Andres water source. If commercial, will run 5½" or 4½" casing and cement with 600' cover.

MUD PROGRAM: FW Gel & LCM to 1100', water to 6000' (KCL @ 3500'), Flosal-Drispak-KCL mud to TD; 8.6-8.9 MW, 34-42 Vls, 14-7 WL.

BOP PROGRAM: BOP's & hydril on 8-5/8" casing & tested daily for operational, Yellow Jacket prior to drilling Wolfcamp.

GAS NOT DEDICATED.

Note: This well was previously approved for East-half dedication. Location moved 430' north for standard spacing. North-half dedication.

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED



TITLE Engineer

DATE 9-21-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

IS APPLICABLE IF OPERATIONS

ARE NOT COMPLETED WITHIN 3 MONTHS.

THIS APPROVAL IS NOT VALID IF OPERATIONS ARE NOT COMPLETED WITHIN 3 MONTHS. EXPIRES 12/31/1977

*See Instructions On Reverse Side

DECLARED WATER BASIN

DATE 9-21-77

BE CIRCULATED

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-142
Supersedes C-128
Effective 1-1-65

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

Operator Yates Petroleum Corporation			Lease Huber 1A Federal		Well No. 1
Unit Letter G	Section 15	Township 21 South	Range 21 East	County Eddy	
Actual Footprint Location of Well: 1880 feet from the North line and 1980 feet from the East line					
Ground Level Elev. 4672	Producing Formation Morgan		Pool Undesignated		Dedicated Acreage 2.20 Acres

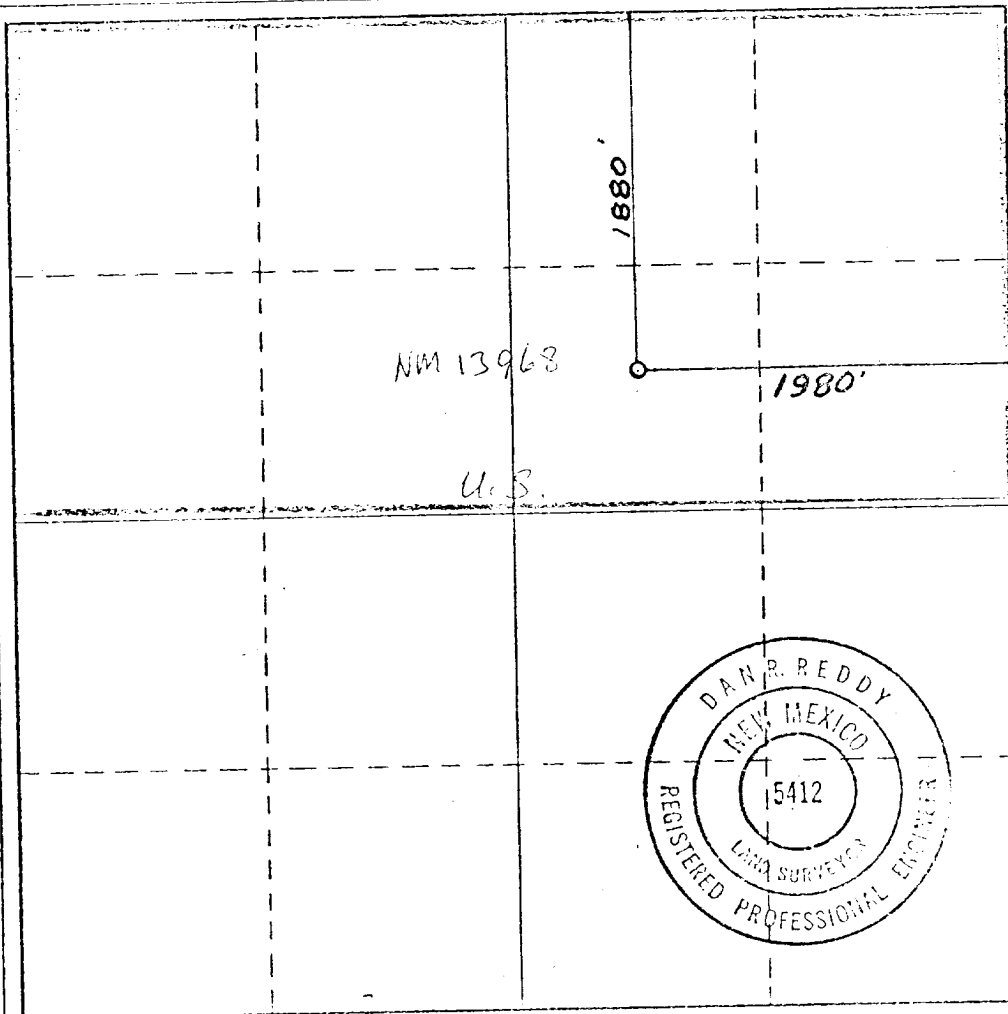
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all leases 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.

RECEIVED
SEP 21 1977
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

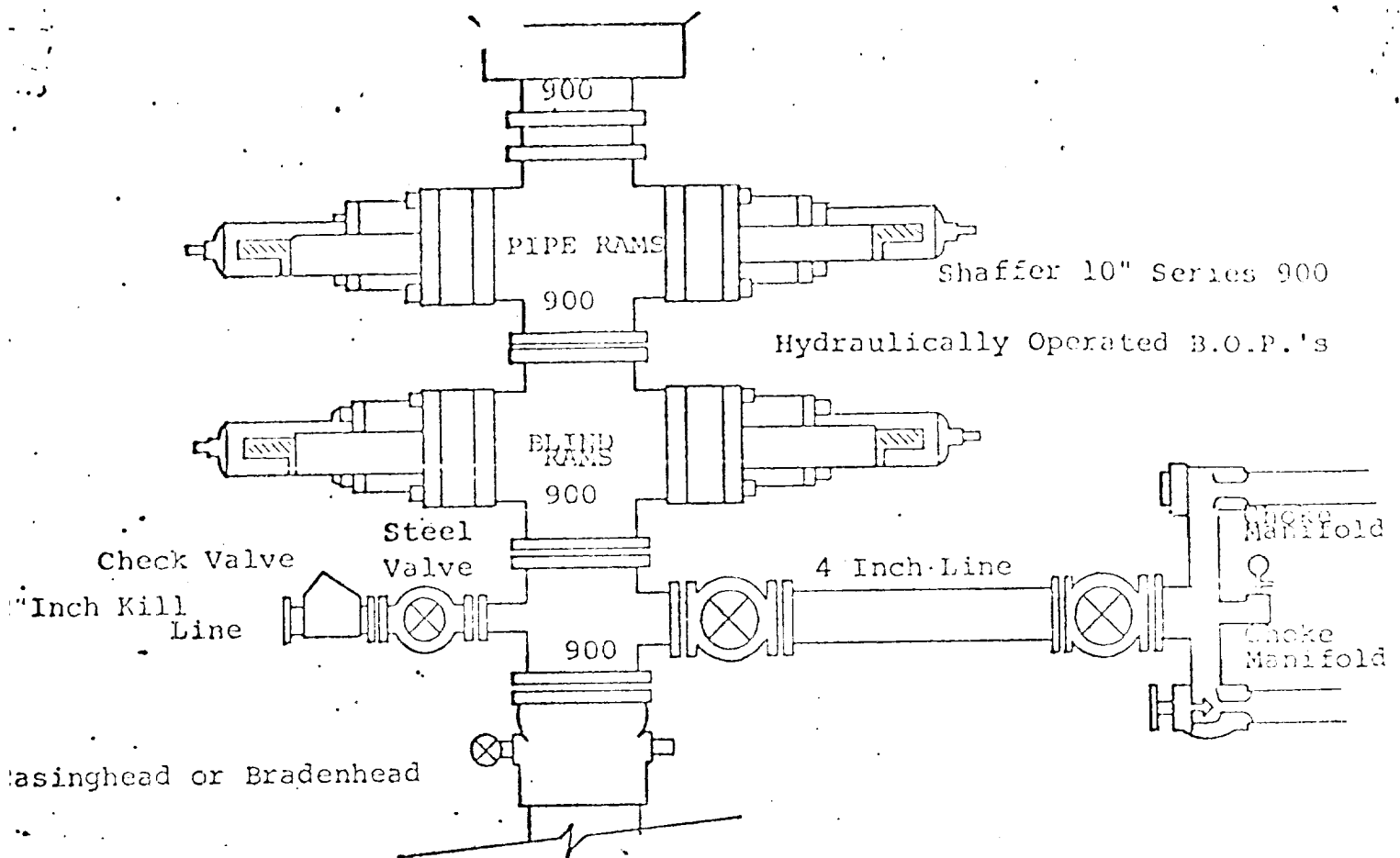
Name
Edwin M. Mantel
Position
Engineer
Company
Yates Petroleum Corp
Date
Sept 20 1977

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
9/20/77
Registered Professional Engineer and/or Land Surveyor

Dan R. Reddy
N.M. PE&LS #5412

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.

Exhibit "D"