

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

C/SF

5. LEASE DESIGNATION AND SERIAL NO
NM 15294

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Bosque Grande "SQ" Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

X Undes. Pecos Slope Abo

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 17-T7S-R26E

12. COUNTY OR PARISH
Chaves

13. STATE
NM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

14. NAME OF OPERATOR

Wata Petroleum Corporation

15. ADDRESS OF OPERATOR

107 S. 4th Street, Artesia, New Mexico 88210

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

660' FNL & 660' FEL

17. PROPOSED PROD. ZONE

same

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

16 miles ENE of Roswell, NM.

19. DISTANCE FROM PROPOSED*

LOCATION OF NEAREST
PROPERTY OR LEASE LINE, FT.
(Give to nearest drilg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR ABANDONED, ON THIS LEASE, FT.

19. PROPOSED DEPTH

4350'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATION (Show whether DF, RT, GR, etc.)

3583.9 GL

22. APPROX. DATE WORK WILL START*

ASAP

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11 7/8"	10 3/4"	48# J-55	900'	600 sx circulated
8 7/8"	4 1/2"	10.5#	TD	450 sx

We propose to drill and test the Abo and intermediate formations. Approximately 900' of surface casing will be set and cement circulated to shut off gravel and caving. If needed (lost circulation) 7 5/8" intermediate casing will be run to 1500' and cemented with enough cement calculated to tie back into the surface casing. Temperature survey will be run to determine cement top. If commercial, production casing will be run and cemented with adequate cover, perforate, and stimulate as needed for production.

MUD PROGRAM: FW gel and LCM 900', Brine to 3200', Brine and KCL water to TD.

LOG PROGRAM: BOP's will be installed at the offset and tested daily.

GAS NOT DEDICATED.

RECEIVED

APR 26 1982

O.C.D.
ARTESIA OFFICE

ADDER SHOULD 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 prevention program, if any.

SIGNED

TITLE Regulatory Manager

DATE 2/18/82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

RECOMMENDATION OF APPROVAL, IF ANY

APPROVED
(Orig. & 4) GEORGE H. STEWART
APR 22 1982
FOR
JAMES A. GILLHAM
DISTRICT SUPERVISOR

2-24

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.

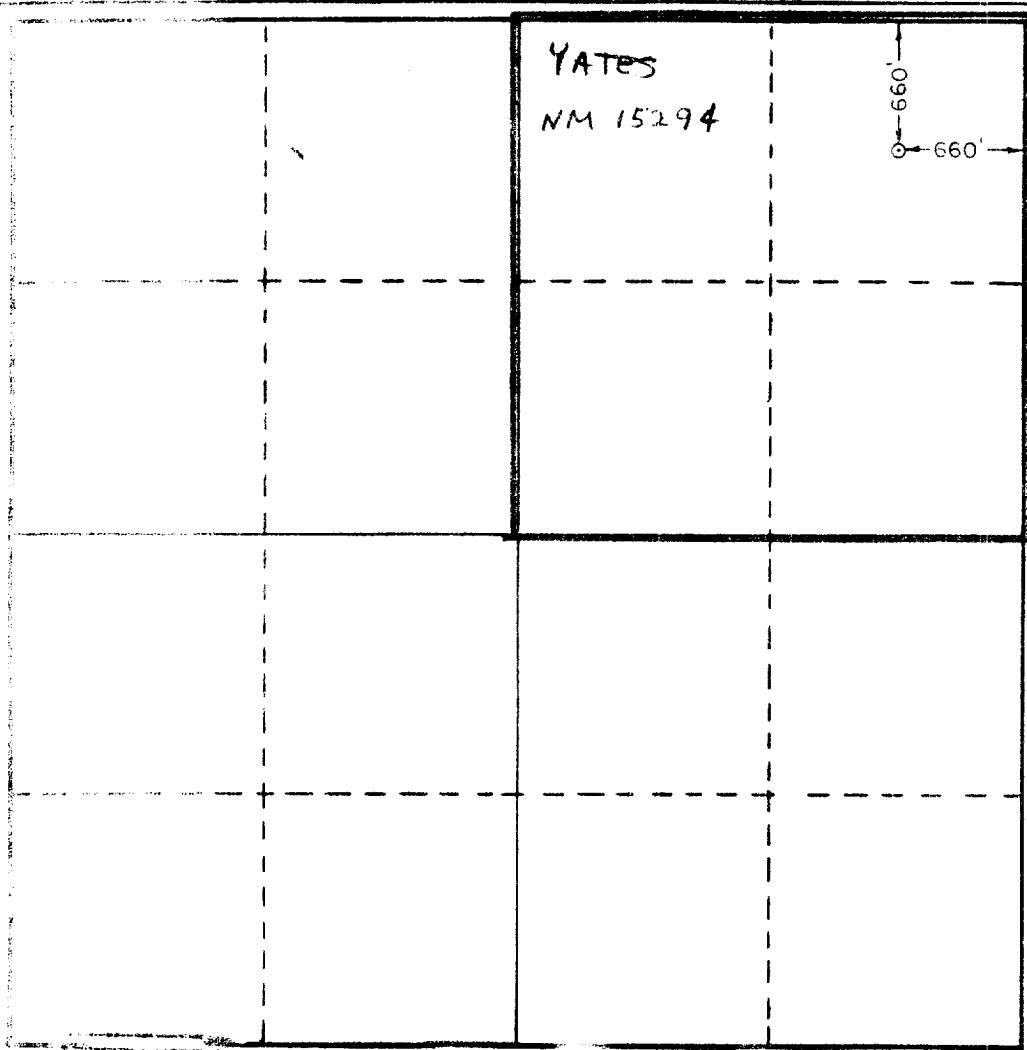
Operator YATES PETROLEUM CORPORATION			Lease Bosque Grande SQ Federal		Well No. 2
Section 17	Township 7 South	Range 26 East	County Chaves		
Location of Well: 660 feet from the North line and 660 feet from the East line					
Ground Level Elev. 3583.9	Producing Formation ADO	Pool Under Paso Slope ADO	Dedicated Acreage: 160 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 _____

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, force-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.

Gliserio Rodriguez
 Name

Gliserio Rodriguez

Position

Regulatory Manager

Company

Yates Petroleum Corporation

Date

1/13/82

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

1-4-82

Registered Professional Engineer and/or Land Surveyor

[Signature]
 Certificate No.

7977

Scale: 1" = 660' 0 660 1320 1980 2640 3300 3960

Resque Grande "SQ" Federal #2
Section 17-T7S-R26E
660' FNL and 660' FEL

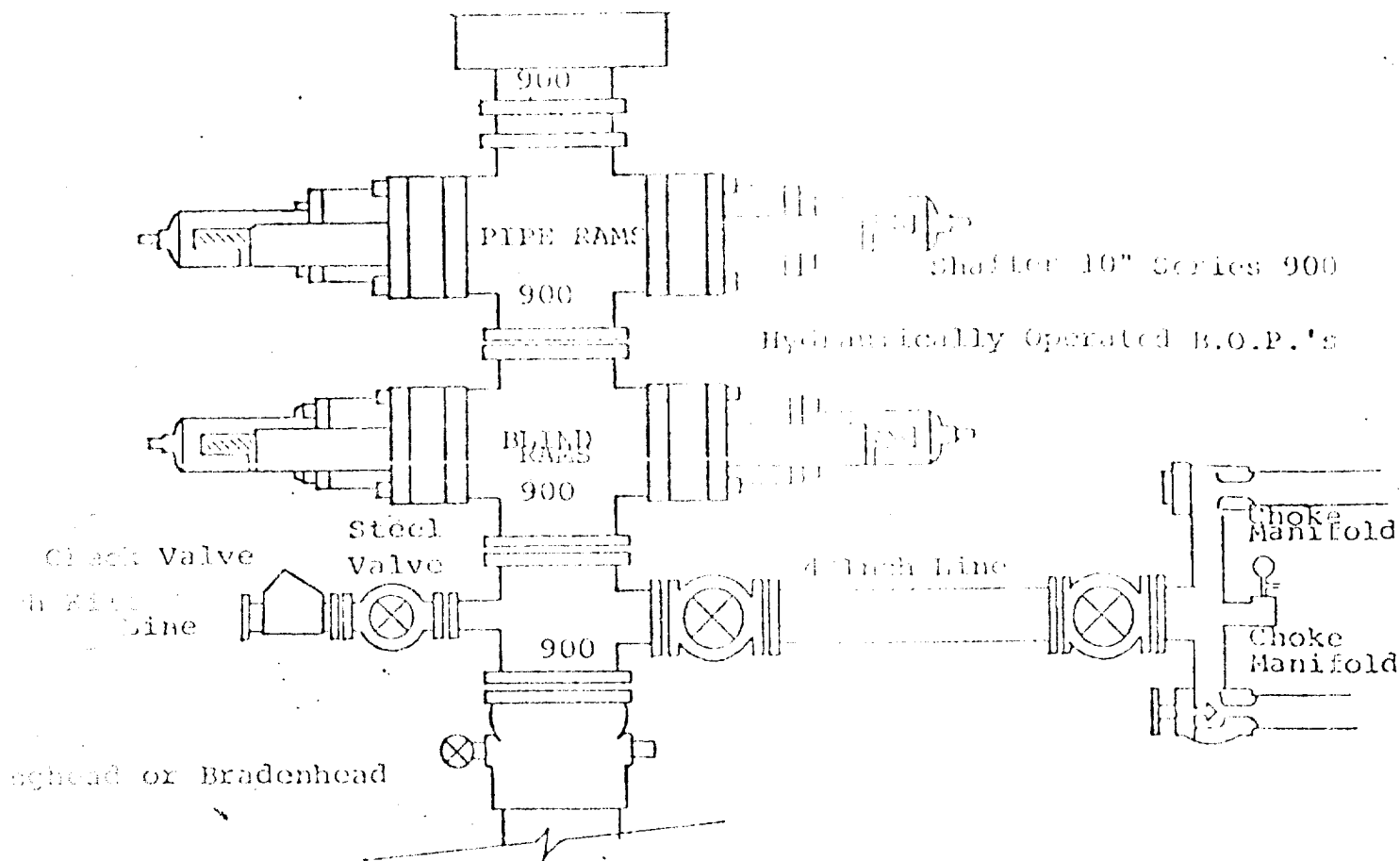
In connection with Form 9-331C, Application for Permit to Drill subject well, Yates Petroleum Corporation submits the following ten items of pertinent information in accordance with USGS requirements.

1. The geologic surface formation is sandy alluvium.
2. The estimated tops of geologic markers are as follows:

San Andres	391'
Glorieta	1521'
Ellerton	2961'
Abo	3729'
	4250'
3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:
Water: Approximately 260-330'
Oil or Gas: Abo 3750'
4. Proposed Casing Program: See Form 9-331C.
5. Pressure Control Equipment: See Form 9-331C and Exhibit B.
6. Mud Program: See Form 9-331C.
7. Auxiliary Equipment: Kelly Cock; pit level indicators and flow sensor equipment; sub with full-opening valve on floor, drill pipe connection.
8. Testing, Logging and Coring Program:

Samples:	Surface casing to TD.
DST's:	As warranted.
Coring:	None anticipated.
Logging:	Surface casing to TD, BNL-FDC TD to casing with GR-CNL on to surface and DLL from TD to casing with RxO.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible after approval.

EXHIBIT B



REQUIREMENTS CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

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