

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

JUN 30 1982

57/file

30-015-24177

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

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

ARTESIA OFFICE  
PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

S. P. Yates

3. ADDRESS OF OPERATOR

207 S. 4th, Artesia, New Mexico 88210

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

At surface

660' FNL and 660' FWL

At proposed prod. zone

Same

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

15 miles NE of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

160

19. PROPOSED DEPTH

1800'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Cable Tool

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

3308.0' GL

22. APPROX. DATE WORK WILL START\*

ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	480'	100 sx circulated
7 7/8"	4 1/2"	9.5#	TD	100 sx circulated

We propose to drill and test the Seven Rivers and intermediate formations. Approximately 480' of surface casing will be set and cement circulated to shut off gravel and caving. If commercial, production casing will be run and cemented. Will perforate and stimulate as needed for production.

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

NO MUD PROGRAM.

Quoted ID-1  
API + NH Bond  
7-2-82

RECEIVED  
USGS-O&G

JUN 28 1982

ALB, NM

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

*Steven R. Roberts*

TITLE Regulatory Manager

DATE 6/24/82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

6-29-82

*letter attached*

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

JUN 30 1982

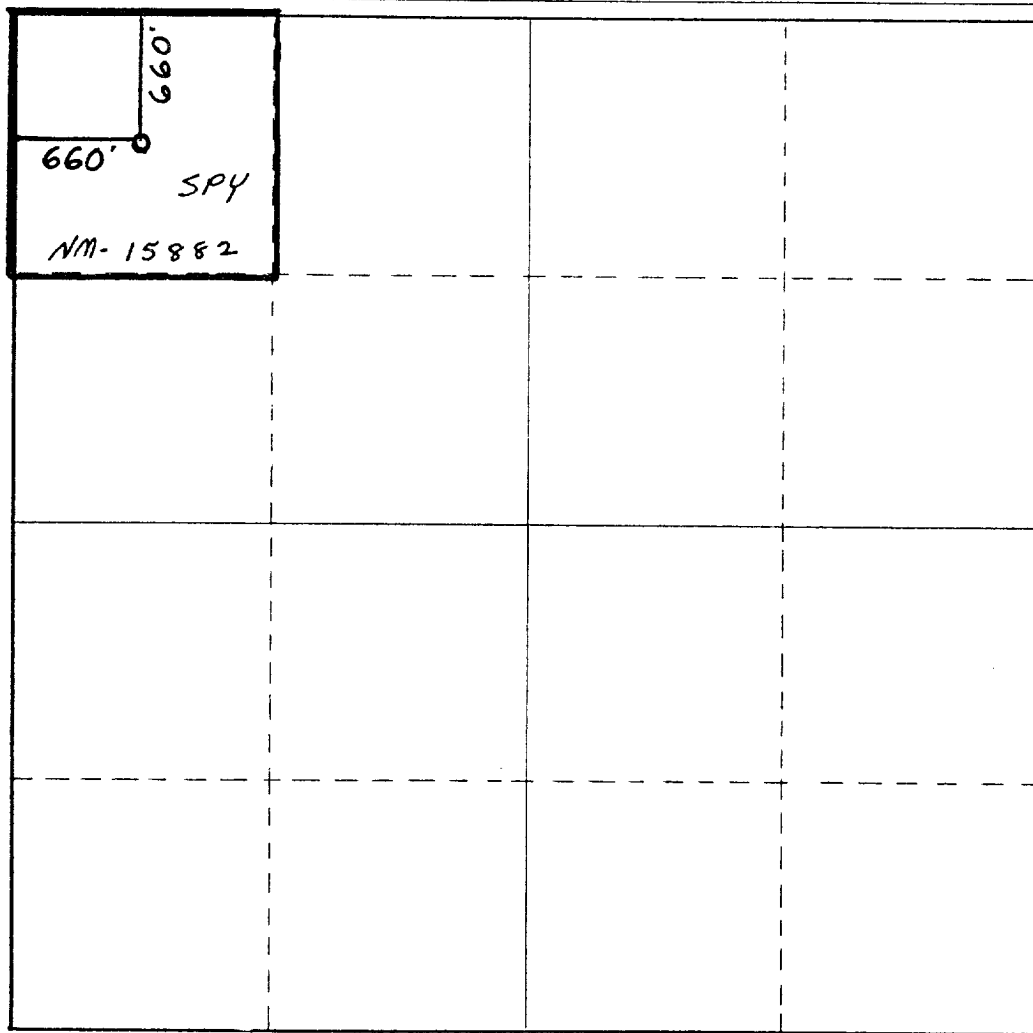
Operator <b>S. P. YATES</b>		Lease <b>Burton Federal O. C. D.</b>		Well No. <b>1</b>	
Unit Letter <b>D</b>	Section <b>11</b>	Township <b>20 South</b>	Range <b>29 East</b>	County <b>ARTESIA, OFFICE Eddy</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>North</b> line and <b>660</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3308.</b>	Producing Formation <b>Seven Rivers</b>		Pool <b>Wildcat - S</b>	Dedicated Acreage: <b>40</b> 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.

*Cy Cowan*

Name

**Cy Cowan**

Position

**Regulatory Coordinator**

Company

**Yates Petroleum Corp.**

Date

**6/18/82**

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

**June 16, 1982**

Registered Professional Engineer and/or Land Surveyor

*Dan R. Reddy*

Certificate No.

**NM PE&LS #5412**



# United States Department of the Interior

## MINERALS MANAGEMENT SERVICE

South Central Region  
505 Marquette NW, Suite 815  
Albuquerque, New Mexico 87125

RECEIVED

JUN 30 1982

O. C. D.  
ARTESIA, OFFICE

29 JUN 1982

S.P. Yates  
207 S. 4th  
Artesia, New Mexico 88210

Gentlemen:

Your application for Permit to Drill well No. 1-Burton Federal in the NW $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 11, T.20S., R. 29E., Eddy County, New Mexico lease NM-15882, to a depth of 1,800 feet to test the Seven Rivers formation in the oil-potash area, is hereby approved as amended by stipulations attached to the applications.

One copy of the application is returned herewith: Please notify the District Supervisor, Minerals Management, Roswell, New Mexico in sufficient time for a representative to witness all cementing operations.

Sincerely yours,

(Orig. Signed) - Michael F. Reitz  
FOR : Gene F. Daniel  
Deputy Minerals Manager  
Oil and Gas

Enclosure

cc:  
✓ NMOCD (2)  
BLM - Carlsbad  
MM, SCR  
DMM - Mining (2)  
Regional Files  
Roswell District Files  
Suspense File  
ARF  
RCF

JAGillham:AA:6/24/82

S. P. Yates  
~~XXXXXXXXXXXXXXXXXXXX~~  
Baton Federal #1  
660' FNL and 660' FWL  
Section 11-T20S-R29E

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

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

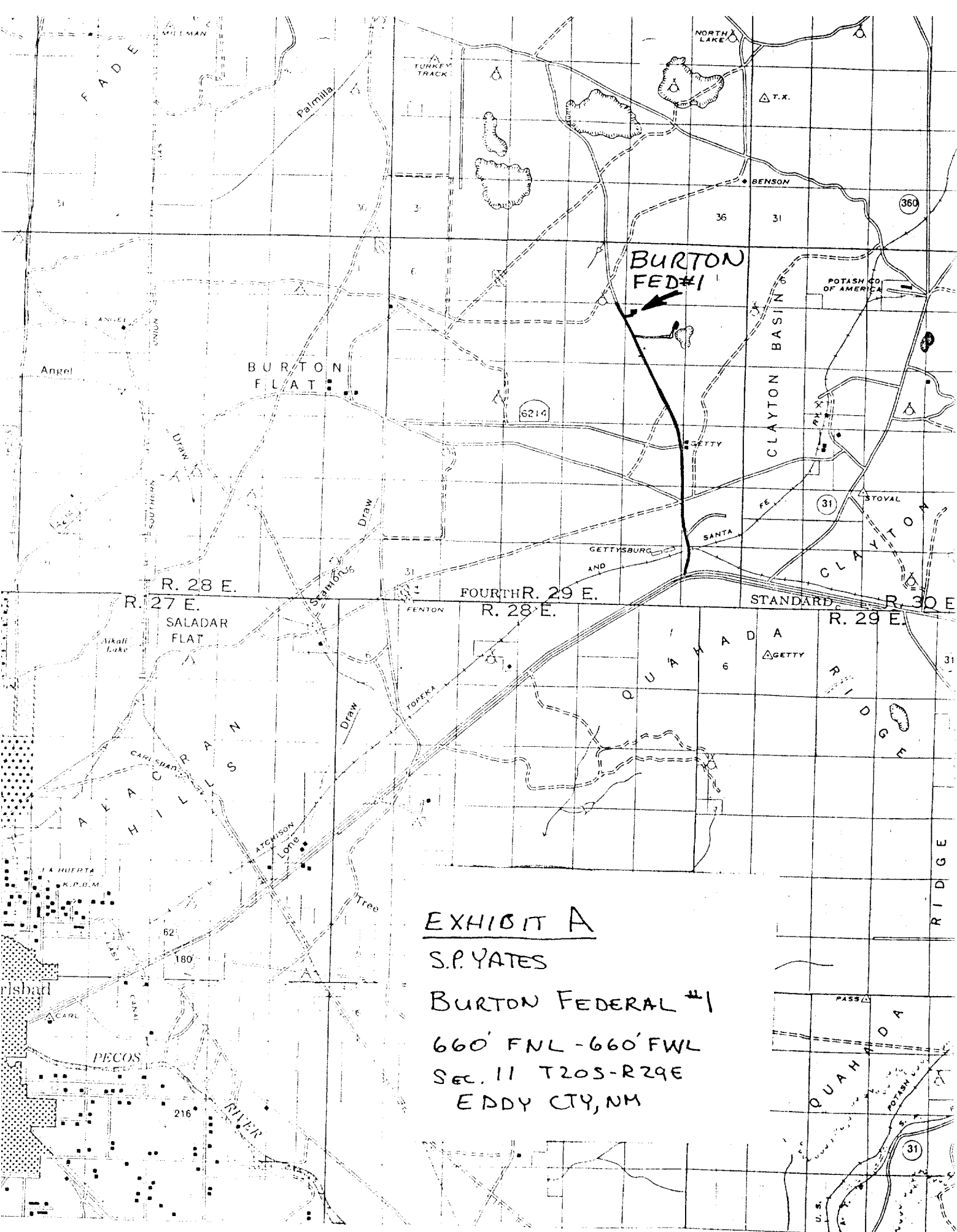
Salt	460'
Base of Salt	1155'
Yates	1340'
7-Rivers	1595'
TD	1800'

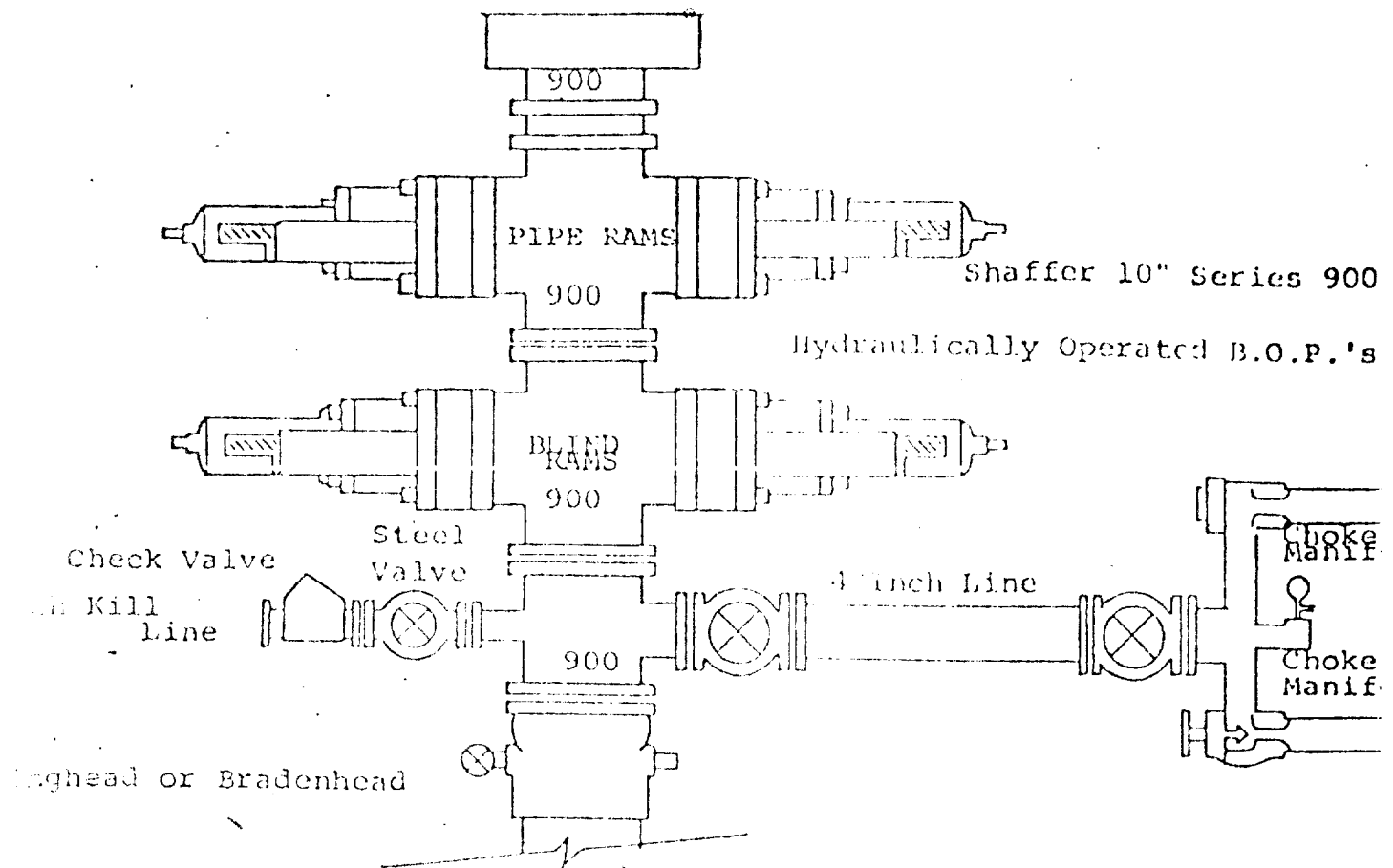
3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: 150'

Oil or Gas: 1360', 1620'

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: out from under surface  
DST's: none  
Coring: none  
Logging: possibly
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible after approval.  
LEASE EXPIRING: 7/1/82





#### FOLLOWING 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.
- Inside blowout preventer to be available on rig floor.
- Operating controls located a safe distance from the rig floor.
- Hole must be kept filled on trips below intermediate casing.

B.O.P. float must be installed and used below zone of first gas intrusion

# Exhibit C

## YATES PETROLEUM CORPORATION

