

UNITED STATES
DEPARTMENT OF THE INTERIOR
NOV 23 1982

GEOLOGICAL SURVEY

OIL & GAS

5. LEASE DESIGNATION AND SERIAL NO.

NM-20060

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Bluffside "WF" Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 9-T19S-R27E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEEN ☐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 S. 4th, Artesia, New Mexico 88210

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

At surface

1980' FNL and 660' FWL

At proposed prod. zone

same

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

Approximately 5 miles NE of Lakewood, NM.

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

560

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

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

19. PROPOSED DEPTH

10,250'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, G.S., etc.)

3380' 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
17 1/2"	13 3/8"	48# J-55	appr. 350'	300 sx circulated
12 1/4"	8 5/8"	24# J-55	appr. 2000'	700 sx circulated
7 7/8"	4 1/2" or 5 1/2"	15.5-17# J-55	TD	300 sx
		10.5-11.6# J-55		

We propose to drill and test the Morrow and intermediate formations. Approximately 350' of surface casing will be set to shut off gravel and cavings and intermediate casing will be set 100' below the Artesian Water Zone. If commercial, will run 4 1/2" or 5 1/2" with 600' of cement cover, will perforate and stimulate as needed for production.

MUD PROGRAM: FW gel and LCM to 2000', FW gel to 6900', 6% KCL water to 7900' starch-driskpak-KCL and salt gel to TD.

BOP PROGRAM: BOP's and hydrill will be installed on 8 5/8" casing and tested daily.

GAS NOT DEDICATED.

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

Regulatory Manager

DATE

11/22/82

(This space for Federal or State office use)

PERMIT NO.

33d) GEORGE H. STEWART

APPROVAL DATE

APPROVED BY

11/23/82

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Supersedes C-128
Effective 1-1-85

All distances must be from the outer boundaries of the Section

YATES PETROLEUM CORPORATION			Bluffsidge "WF" Federal		Well No. 1
Section 9	Range 19 South	Meridian	East 27 East	County Bldy	
1980		Section North	600	Section West	Section
Morrow		Wildcat		320	Acres

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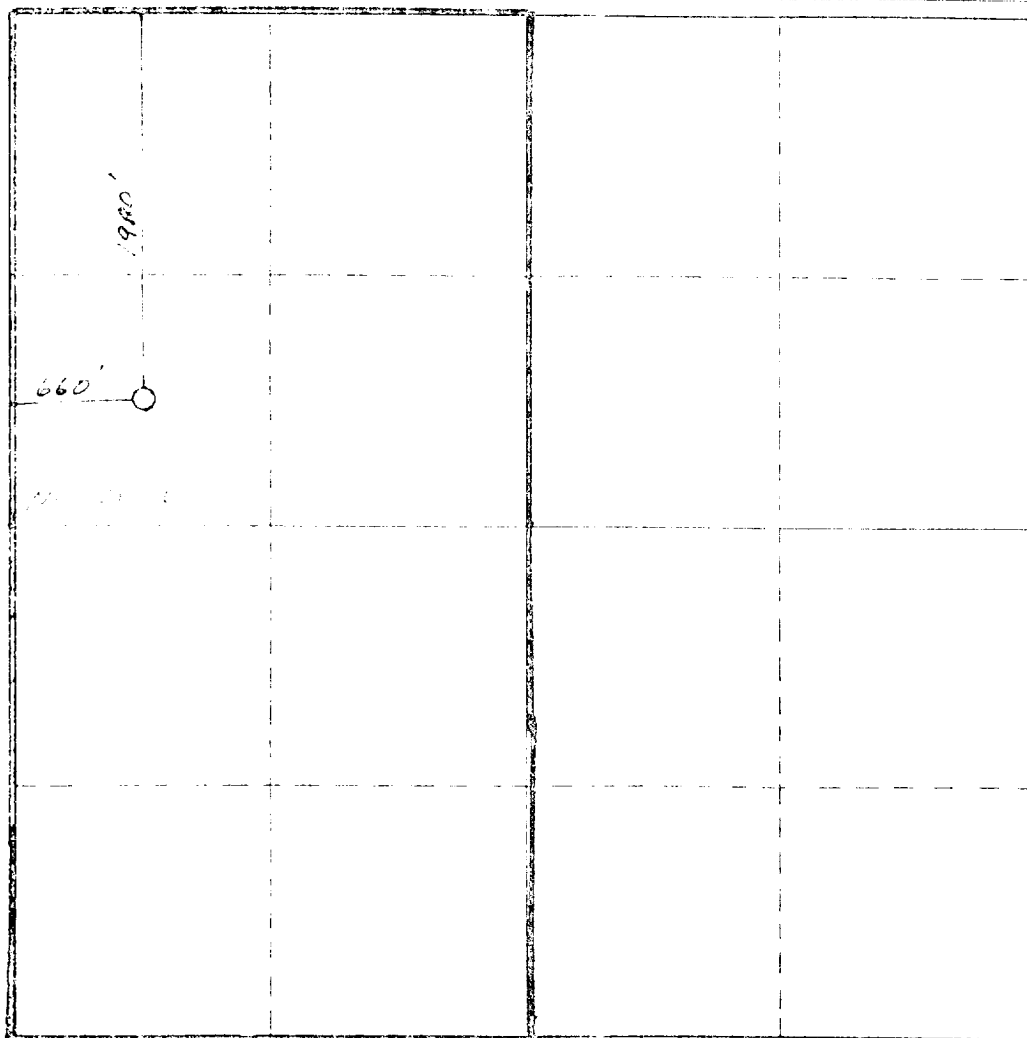
C. C. R.

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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

Gliserio Rodriguez

Regulatory Manager

Yates Petroleum Corp.

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NM PE&LS #5412

YATES PETROLEUM CORPORATION
Bluffside "WF" Federal #1
1980' FNL and 660' FWL
Sec. 9-T19S-R27E
Eddy County, New Mexico

NOV 18 1982

PL 100

In conjunction 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

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1. The geologic surface formation is quaternary alluvium

DEC 1 1982

2. The estimated tops of geologic markers are as follows:

O. C. D.

San Andres	1729'	Lower Morrow	ARTESIA, OFFICE 9862'
Bone Springs Lime	2742'	Chester	10189'
Wolfcamp	7447'	TD	10250'
Upper Penn Dolomite	8039'		
Strawn	8707'		
Atoka	9362'		
Morrow Clastics	9784'		

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

Water: 120'-200', 1200'-1800'

Oil or Gas: 7500', 9360', 9800'

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: 10' samples out from under surface casing to TD.

DST's: Upper Penn Dolomite Porosity; otherwise as warranted.

Mud Logging: One man unit out from under intermediate casing.

Logging: DDL from TD to csg w/min RxO to 7300' HDT TD to 6900.

9. No abnormal pressures or temperatures are anticipated.

10. Anticipated starting date: As soon as possible after approval.

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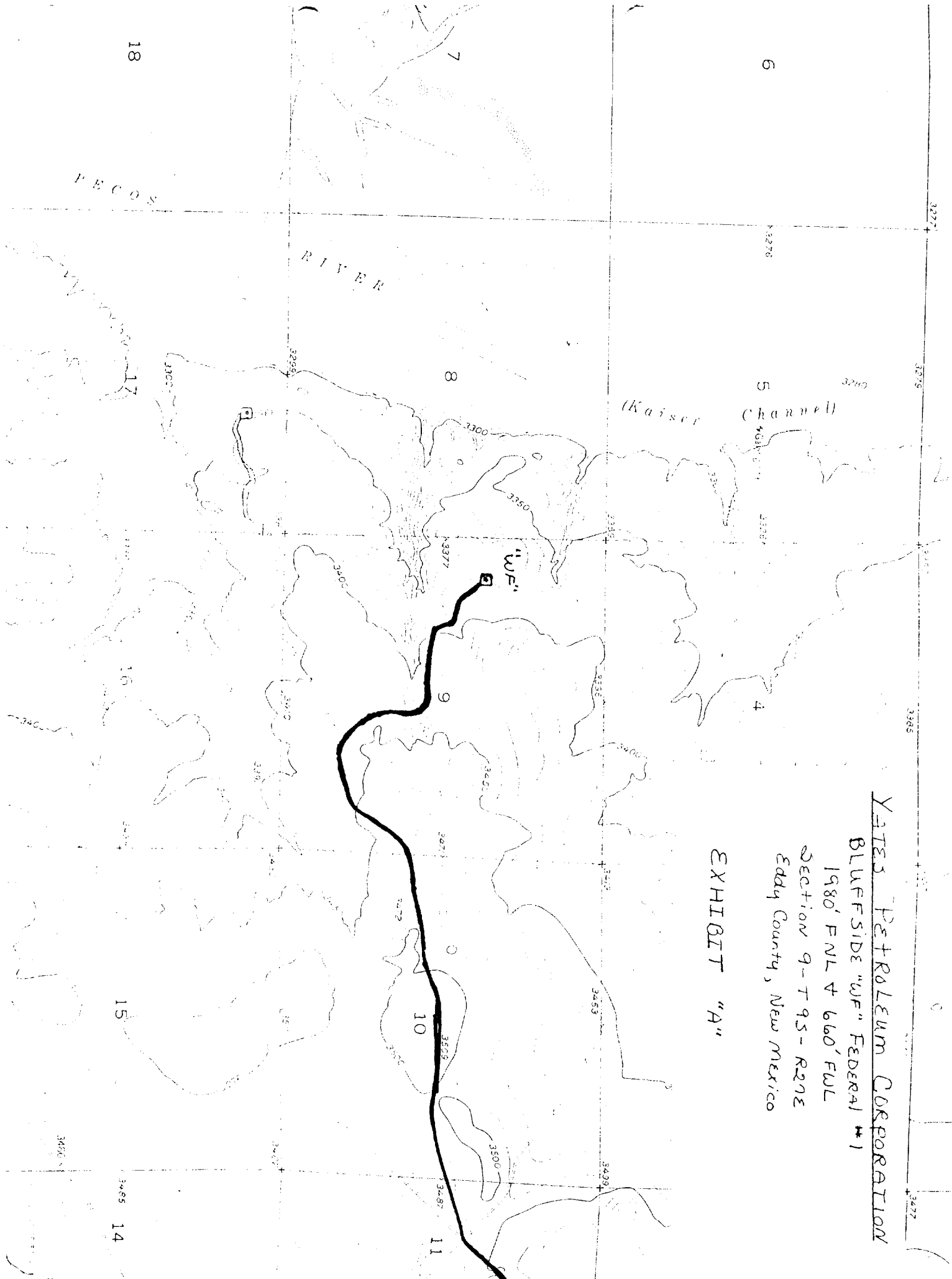
PECOS

RIVER

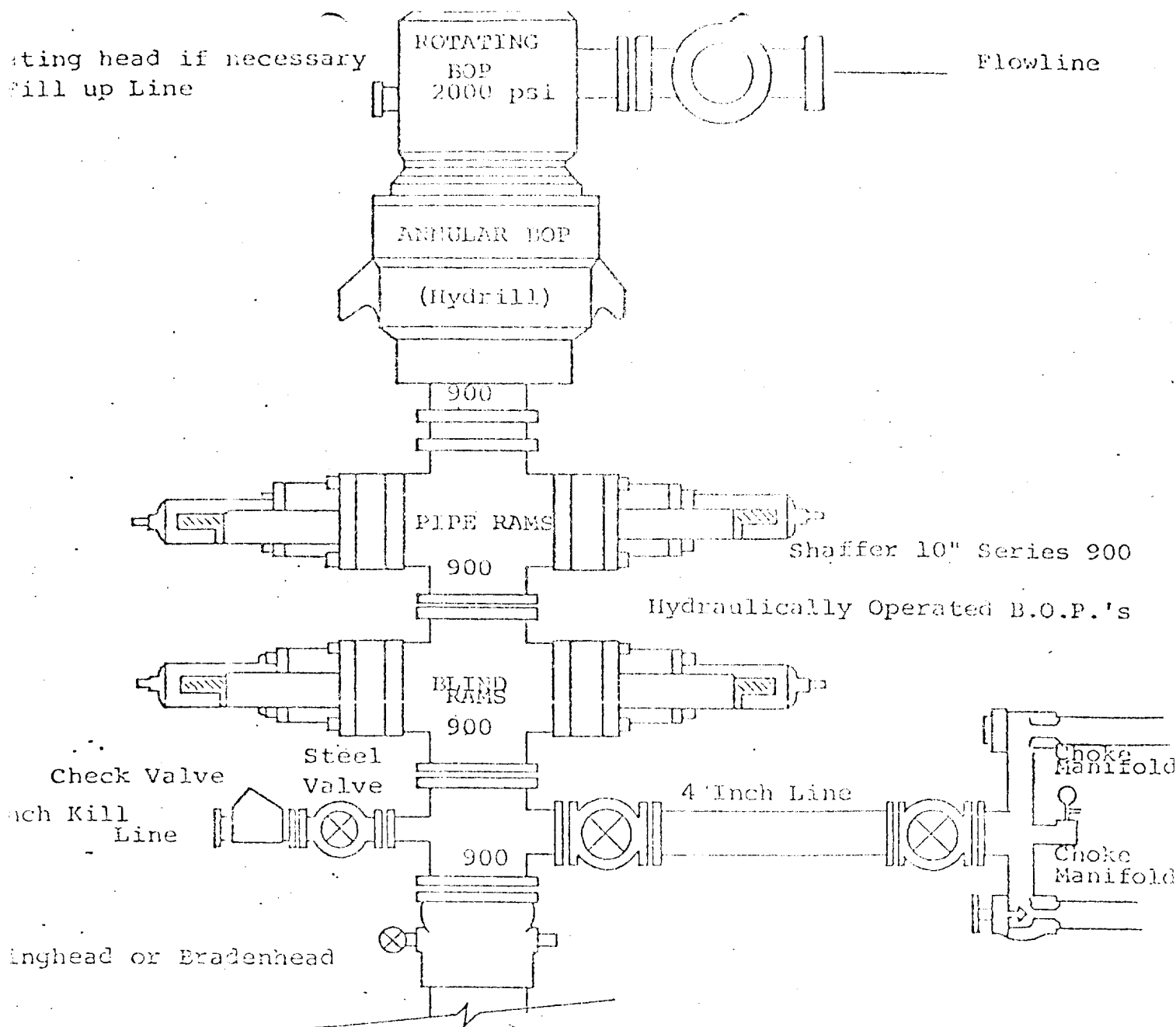
(Kaiser Channel)

EXHIBIT "A"

YATES Petroleum Corporation
BLUFFSIDE "WF" FEDERAL #1
1980' FNL + 660' FWL
SECTION 9-T 9S-R27E
Eddy County, New Mexico



ating head if necessary
Fill up Line



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. Operator not responsible for blowouts resulting from not keeping hole full.
- D. P. float must be installed and used below zone of first gas intrusion.

Exhibit C

