

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 4th Street, Artesia, New Mexico 88210

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

A. surface

~~660' FNL & FEL~~ 810' FNL & 660' FEL

At proposed prod. zone

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

Approx. 22 Miles N NE of Roswell, New Mexico

16. 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

Approx. 4225'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

3630.2 GL

22. APPROX. DATE WORK WILL START*

As soon as approved

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10 3/4"	40.5# J-55	Approx. 275'	800 sx circulated
7 7/8 or 6 1/4"	4 1/2 or 5 1/2"	10.5# or 15.5#	TD	350 sx

We propose to drill and test the Abo and intermediate formations. Approximately 800' of surface casing will be set and cement circulated to shut off gravel and casing. 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 cement with aseparate cover, perforate, and stimulate as needed for production.

MUD PROGRAM: FW gel and LCM, Brine to 3500'. Brine & KCl water to MW 10-10.2

BOP PROGRAM: BOP's will be installed at 1500' and tested daily.

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 11-2-81

(This space for Federal or State Office use)

(Orig. Sgd.) GEORGE H. STEWART

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

JAN 19 1982
JAMES A. GILLHAM
DISTRICT SUPERVISORAPPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

DATE

30-005-61370 RECEIVED

LEASE DESIGNATION AND SERIAL NO.

NM 19417

IF INDIAN, ALLOTTEE OR TRIBAL

JAN 21 1982

UNIT AGREEMENT NAME

O. C. D.
ARTESIA, OFFICE

FARM OR LEASE NAME

Bernice "RP" Fed

WELL NO.

1

FIELD AND POOL, OR WILDCAT

Wildcat

SEC. T. R. M. OR BLK.
AND SURVEY OR AREAUnit F
Sec. 3-8s-25E

COUNTY OR PARISH

Chaves

STATE

NM

NM OIL CONS. COMMISSION
Drawer DD
Artesia, 88210

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐
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. See space 17 below.)
AT SURFACE: 810' FNL & 660' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: Same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

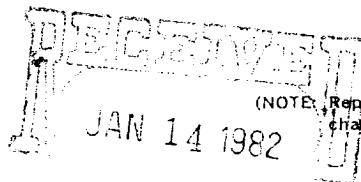
REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

- ☐
☐
☐
☐
☐
☐
☐
☐
☐
☐

(other) Amendment of surface use plan.



(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Due to topography of location, it will be necessary to build a small dike along the west and south corner of the location to divert any water which may collect on the surface.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Cy Coura TITLE Reg. Coordinator DATE 1/13/82

APPROVED

(This space for Federal or State office use)

APPROVED BY Sgt. GEORGE H. STEWART
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

JAN 19 1982

FOR

JAMES A. GUINAM
DISTRICT SUPERVISOR

*See Instructions on Reverse Side

5. LEASE NM 19417	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	RECEIVED
7. UNIT AGREEMENT NAME	JAN 21 1982
8. FARM OR LEASE NAME Bernice "RP" Federal	O. C. D.
9. WELL NO. 1	ARTESIA, OFFICE
10. FIELD OR WILDCAT NAME Undesignated	Also <i>Beas, Ste...</i>
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 3-T8S-R25E	
12. COUNTY OR PARISH Chaves	13. STATE NM
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 3626.0 GL	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR

Yates Petroleum Corporation

3. ADDRESS OF OPERATOR

207 S. 4th Street, Artesia, NM 88210

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 814' FNL & 660' FEL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☒

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) ☐

SUBSEQUENT REPORT OF:

RECEIVED
NOV 17 1981

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Change surface casing from 800' to 975' due to USGS

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Regulatory
Coordinator

DATE

11-13-81

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

(Orig. Sgd.) GEORGE H. STEVANS

DATE

JAN 19 1982

FOR

JAMES A. GILMAN
DISTRICT SUPERVISOR

*See Instructions on Reverse Side

5. LEASE

NM 19417

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

RECEIVED

7. UNIT AGREEMENT NAME

JAN 21 1982

8. FARM OR LEASE NAME

Bernice "RP" Fed.

O. C. D.

9. WELL NO.

1

ARTESIA, OFFICE

10. FIELD OR WILDCAT NAME

Wildcat

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

3-8s-25e

12. COUNTY OR PARISH

13. STATE

Chaves

NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

3630.2

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

nm 011-
Drawer DD
Artesia, NM 88210
UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other ☐
2. NAME OF OPERATOR
Yates Petroleum Corporation
3. ADDRESS OF OPERATOR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660' FEL & 810' FNL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

- | | | |
|----------------------|--------------------------|--------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> | <input type="checkbox"/> |
| CHANGE ZONES | <input type="checkbox"/> | <input type="checkbox"/> |
| ABANDON* | <input type="checkbox"/> | <input type="checkbox"/> |
- (other) change of location

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Change of location from 660' FNL & 660' FEL to:
660' FEL & 810' FNL

Location being moved due to topography and request of BLM & USGS.

5. LEASE NM 19417	RECEIVED JAN 21 1982
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	O. C. D.
8. FARM OR LEASE NAME Bernice "RP" Federal	ARTESIA, OFFICE
9. WELL NO. 1	
10. FIELD OR WILDCAT NAME Wildcat Bernice Federal	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3-8S-25E	
12. COUNTY OR PARISH Chaves	13. STATE NM
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 3626.0 GL	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED George H. Stewart TITLE Reg. Coordinator DATE 12/28/81

(This space for Federal or State office use)

APPROVED BY GEORGE H. STEWART TITLE DATE

CONDITIONS OF APPROVAL IF ANY:

FOR

JAMES A. GUINAM
DISTRICT SUPERVISOR

*See Instructions on Reverse Side

NEW 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 Bernice RP Federal			Well No. 1		
Unit Letter A	Section 3	Township 8 South	Range 25 East	County Chaves				
Actual Footage Location of Well: 810 feet from the North line and 660 feet from the East line								
Ground Level Elev. 3626.0		Producing Formation Abo		Pool Undesignated Abo			Dedicated Acreage: 160 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.

Gliserio Rodriguez

Name

Gliserio Rodriguez

Position

Regulatory Manager

Company

Yates Petroleum Corporation

Date

1/4/82

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

12-29-81

Registered Professional Engineer
and/or Land Surveyor

Gary L. Jones

Certificate No.

7977

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

NEW 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.

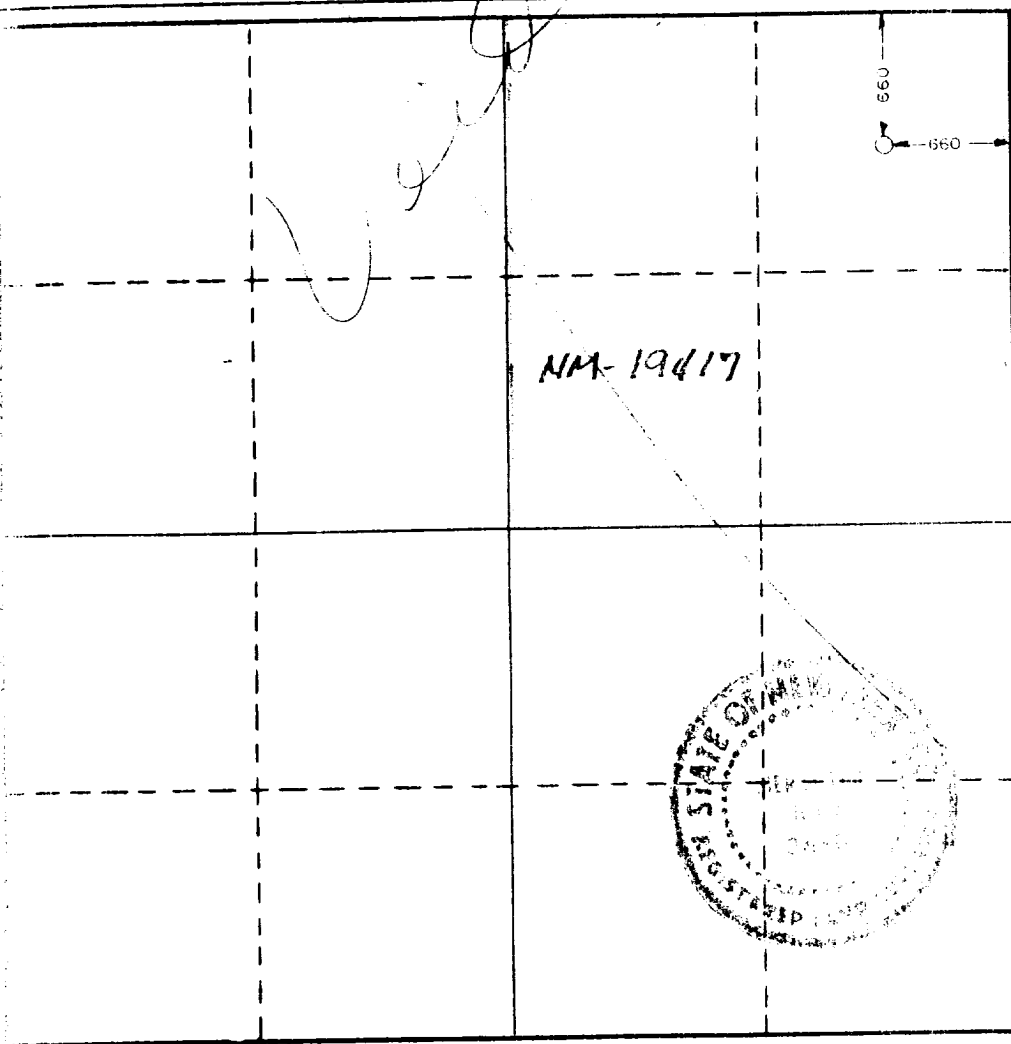
Operator YATES PETROLEUM CORP			Lease Bernice RP Federal		Well No. 1
Unit Letter A	Section 3	Township 8 South	Range 25 East	County Chaves	
Actual Footage Location of Well:					
660 feet from the North line and		660 feet from the East line			
Ground Level Elev. 3630.2	Producing Formation ABO	Pool UNDER ABO		Dedicated Acreage: 160 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.

Gliserio Rodriguez
 Name
GLISERIO RODRIGUEZ
 Position
REG. MGR.
 Company
YATES PETROLEUM CORP
 Date
9-11-81

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
August 29, 1981

Registered Professional Engineer and/or Land Surveyor

Wesley L. Jones
 Certificate No.

3640

Yates Petroleum Corporation
Bernice "RP" Federal #1
660' FNL & 660' FFL
Section 3-T8s-R25e
Chaves County, New Mexico

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.

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

San Andres	405
Glorieta	1462
Fullerton	2889
Abo	3591
TD	4225

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

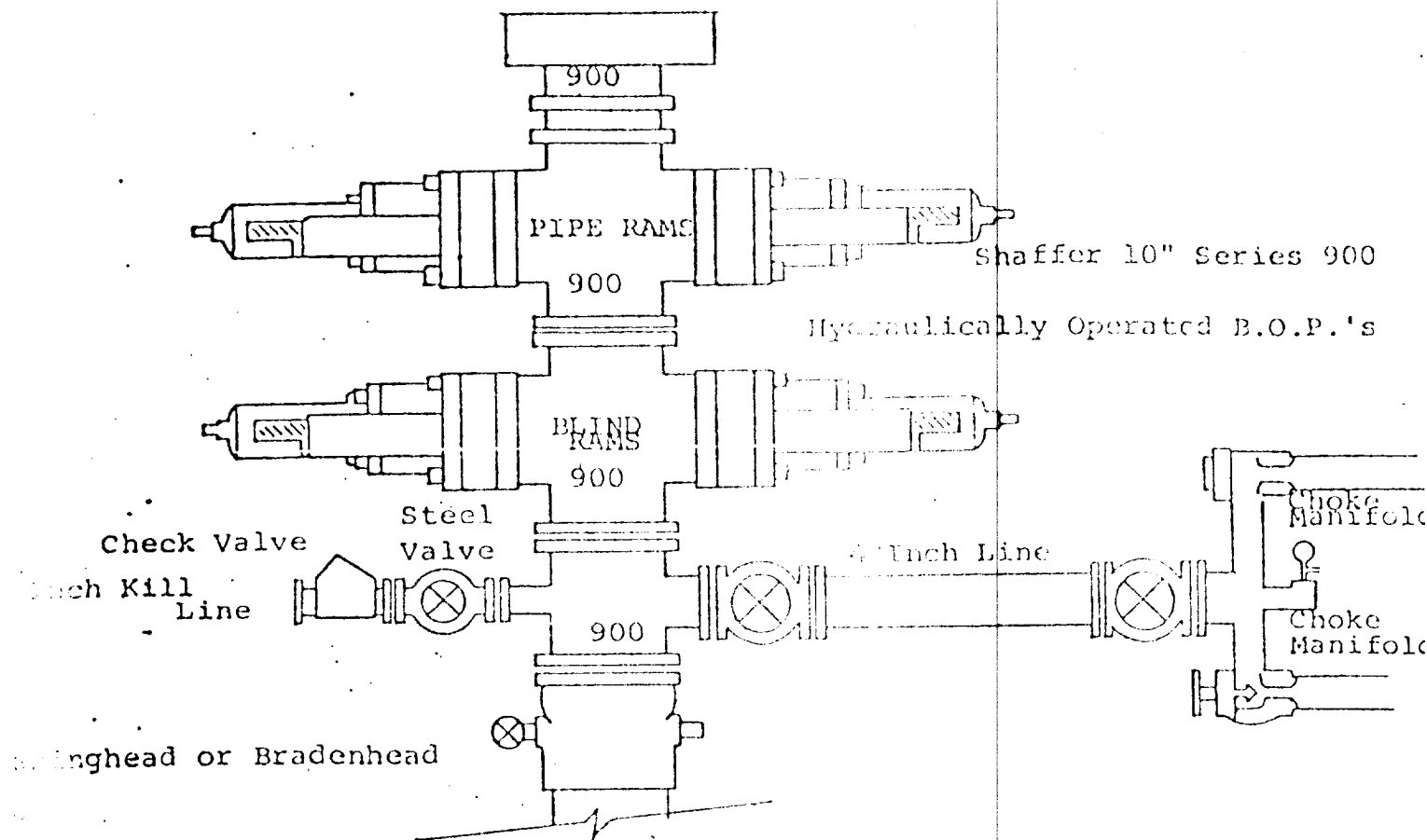
Water: Approximately 225'

Oil or Gas: 3640'

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 T.D.
DST's:	As Warranted
Logging:	Intermediate casing to T.D. CNL-FDC T.D. to casing with GR-CNL on to surface and DLL from T.D. to casing with selected min. R _x O.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible after approval.

EXHIBIT B



FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

1. All preventers to be hydraulically operated with secondary manual control 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.
5. hole or tube a minimum of one inch in diameter.
6. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.
7. All connections to and from preventer to have a pressure rating equivalent to that of the B.O.P.'s.
8. Inside blowout preventer to be available on rig floor.
9. Operating controls located a safe distance from the rig floor.
10. Hole must be kept filled on trips below intermediate casing. Operator not responsible for blowouts resulting from not keeping hole full.
11. D. P. float must be installed and used below zone of first gas intrusion.