

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 ☐

2. NAME OF OPERATOR
Yates Petroleum Corporation O. C. D.

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 1700' FSL and 1980' FEL
At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 21 miles NNE of Roswell, New Mexico.

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 1980'

16. NO. OF ACRES IN LEASE
2520

17. NO. OF ACRES ASSIGNED TO THIS WELL
160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
4150'

19. PROPOSED DEPTH
4150'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3599' GL

22. APPROX. DATE WORK WILL START*
ASAP

5. LEASE DESIGNATION AND SERIAL NO.
NM-2351

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal "HY"

9. WELL NO.
8

10. FIELD AND POOL, OR WILDCAT
Pecos Slope Abo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 34-T7S-R25E

12. COUNTY OR PARISH
Chaves

13. STATE
NM

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4"	10 3/4"	40.5# J-55	900' 1000'	750 sx circulated
7 7/8"	4 1/2"	9.5#	TD	350 sx

We propose to drill and test the Abo and intermediate formations. Approximately 1000' of surface casing will be set and cement circulated to shut off gravel and caving. If needed (lost circulation) 8 5/8" intermediate casing will be run to 1500' and cemented with enough cement calculated to tie back into the surface casing. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

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

BOP PROGRAM: BOP's will be installed at the offset 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 *Ken Beardenshl* TITLE Regulatory Agent DATE 3/3/83
by Debbie Culbourn

(This space for Federal or State office use)

PERMIT NO. APPROVED
(ORIG. SGD.) DAVID R. GLASS
APPROVED BY MAR 9 1983
CONDITIONS OF APPROVAL. MAR 9 1983
JAMES A. GILLHAM
DISTRICT SUPERVISOR

APPROVAL DATE
MAR 4 1983

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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.

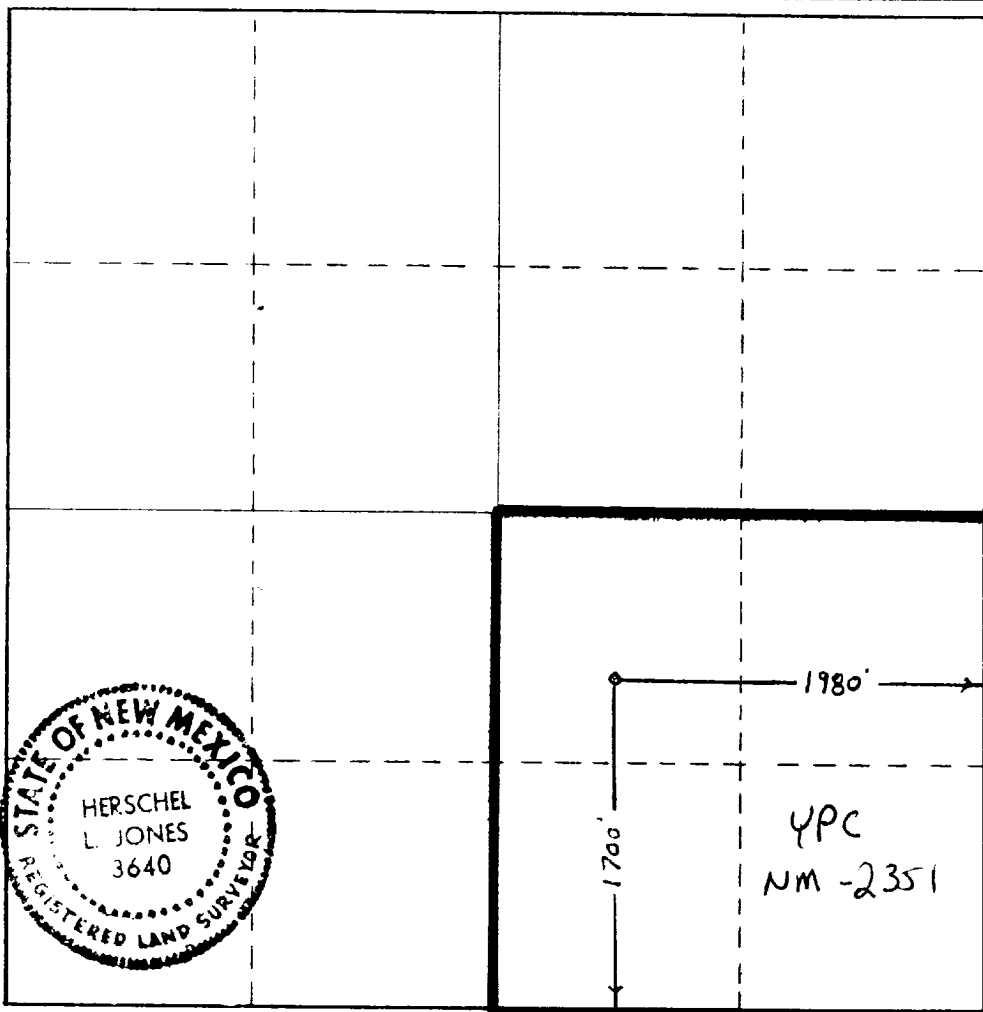
Operator YATES PETROLEUM CORPORATION			Lease Federal "HY"		Well No. 8
Tract Letter J	Section 34	Township 7 South	Range 25 East	County Chaves	
Actual Footage Location of Well: 1700 feet from the South line and 1980 feet from the East line					
Ground Level Elev. 3599.0'	Producing Formation Abo		Pool Pecos Slope Abo	Dedicated Acreage: 160 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

Ken Beardemphl

Here

Ken Beardemphl

Position

Regulatory Agent

Company

Yates Petroleum Corp.

Date

3/3/83

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

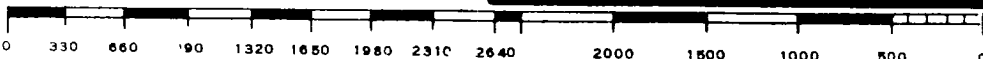
March 2, 1983

Registered Professional Engineer and/or Land Surveyor

L. J. Jones

Certificate No.

3640



YATES PETROLEUM CORPORATION
Federal "HY" #8
1700' FSL and 1980' FEL
Sec. 34-T7S-R25E

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 geologic surface formation is quaternary alluvium.

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

San Andres	419'
Glorieta	1383'
Fullerton	3118'
Abo	3878'
TD	4150'

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

Water: approximately 275'-300'

Oil or Gas: Abo 3900'

4. Proposed Casing Program: See Form 9-331C.

5. Pressure Control Equipment: See Form 9-331C and Exhibit E.

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.

AST's: As warranted

Coring: None

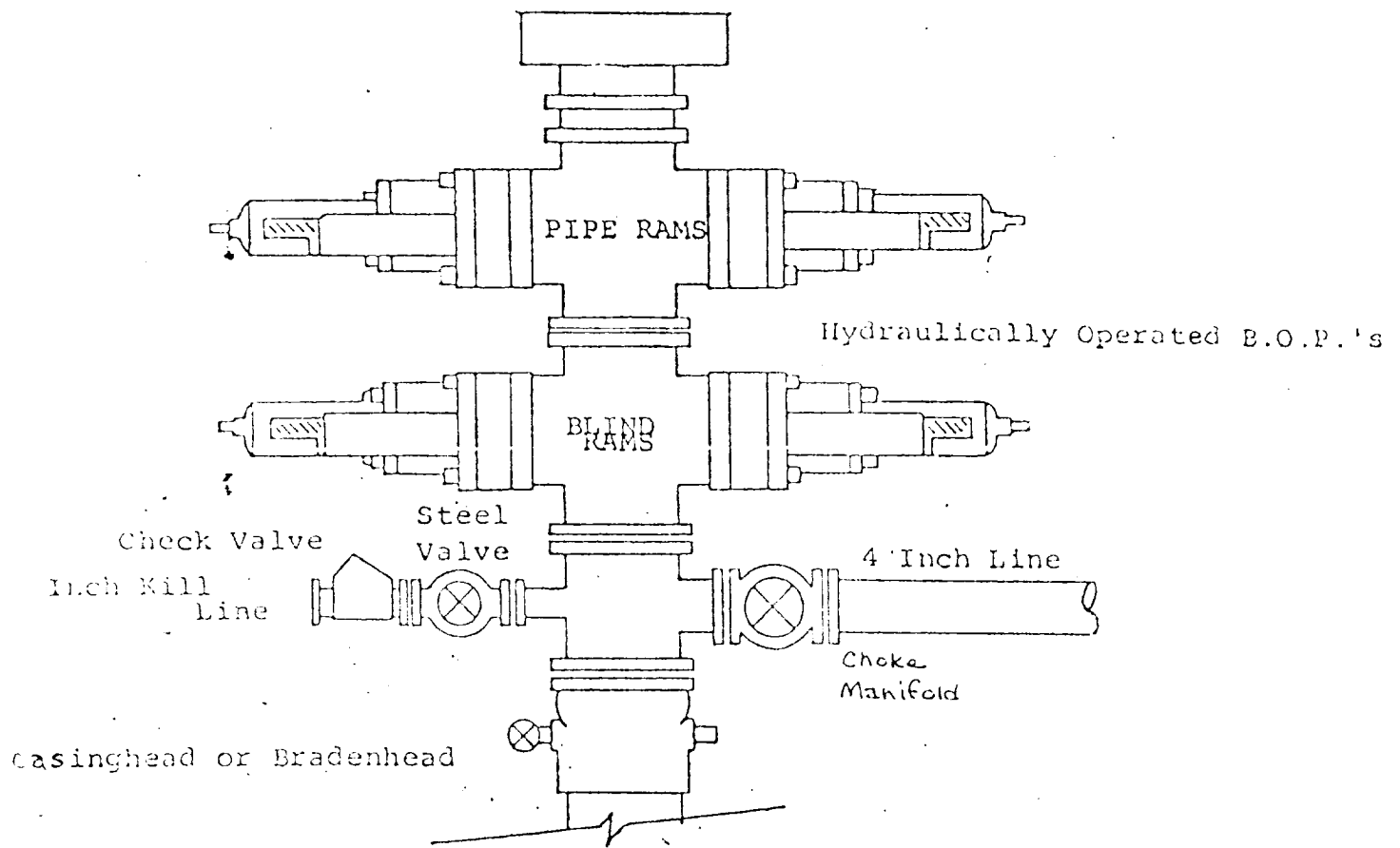
Logging: CNL-FDC TD to csg w/GR-CNL to surface, DLL from TD to csg.

9. No abnormal pressures or temperatures are anticipated.

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

EXHIBIT B

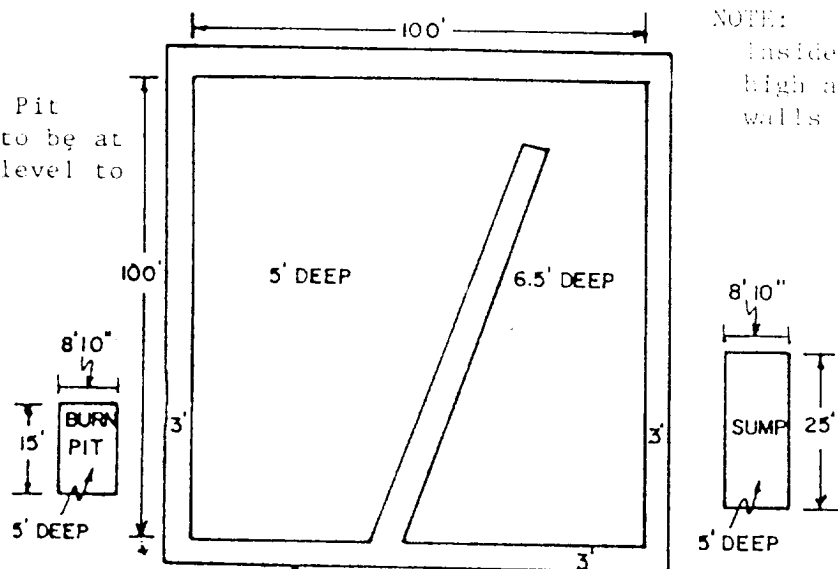
BDP DIAGRAM



YATES PETROLEUM CORP.

Exhibit C

Reserve Pit
bottom to be at
ground level to
1 ft.



NOTE:

Inside walls must be as
high and wide as outer
walls of pit.

