

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYNM OIL CONS. COMM. ION
Prior DD
Artesia, NM 88210

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒RECEIVED
DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

AUG 24 1982

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Yates Petroleum Corporation O.C.D.

3. ADDRESS OF OPERATOR

ARTESIA, OFFICE

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

At surface

1980' 660' FNL and 660' FWL

At proposed prod. zone

same

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

16 miles ENE of Roswell, NM.

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

1920

19. PROPOSED DEPTH

4600'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

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
14 3/4"	10 3/4"	48# J-55	935'	610 sx circulated
7 7/8"	4 1/2"	9.5#	TD	450 sx

We propose to drill and test the Abo and intermediate formations. Approximately 935' 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 1700' 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 935', Brine to 3200', Brine and 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

TITLE Regulatory CoordinatorDATE 2/23/82

(This space for Federal or State office use)

(Orig. Sgd.) GEORGE H. STEWART

PERMIT NO.

AUG 18 1982

APPROVAL DATE

APPROVED BY

JAMES A. STELLHAM
DISTRICT SUPERVISOR

TITLE

DATE

N MEXICO OIL CONSERVATION COMMISS
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.

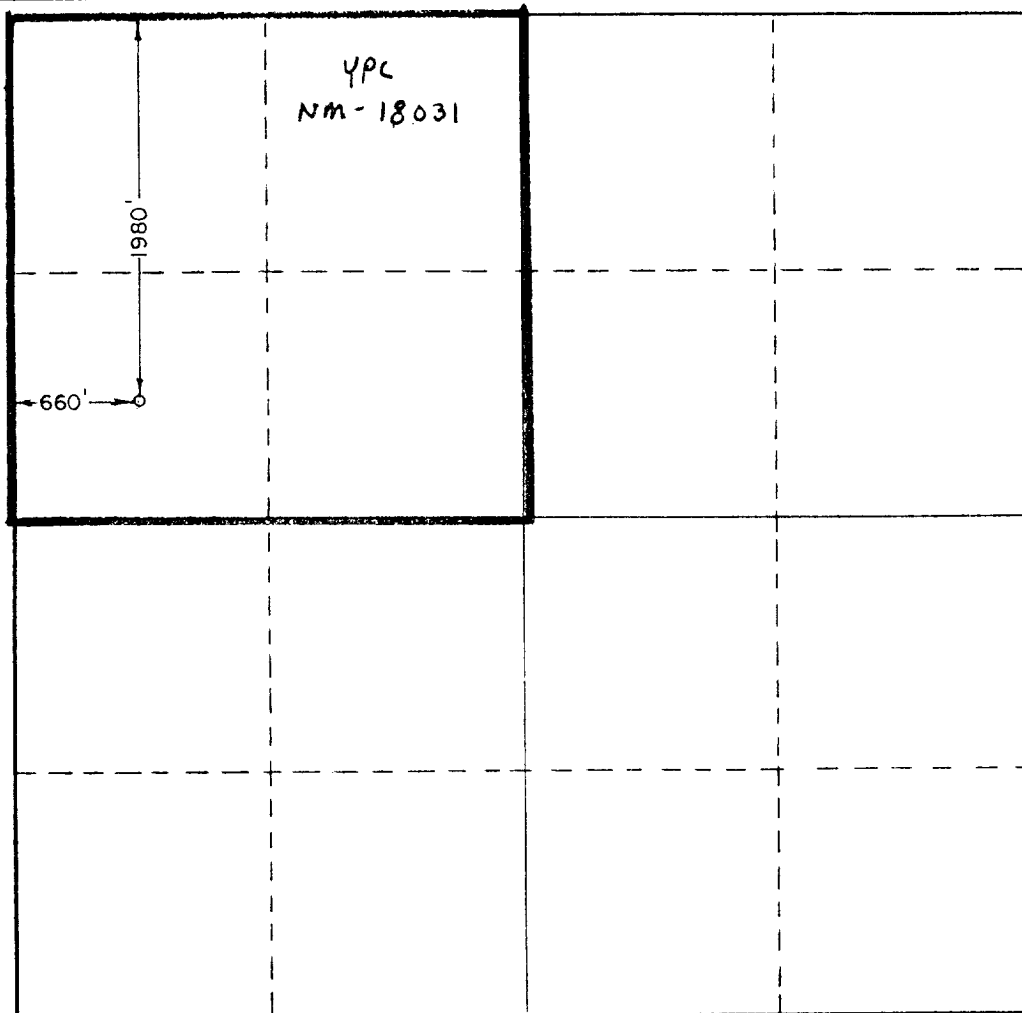
Operator YATES PETROLEUM CORPORATION			Lease Huckaby "TJ" Federal		Well No. 2
Unit Letter E	Section 19	Township 8 South	Range 26 East	County Chaves	
Actual Footage Location of Well: 1980 feet from the North line and 660 feet from the West line					
Ground Level Elev. 3614.8'	Producing Formation Abo		Pool Undes. 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, 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.

Ken Beardemohl
Name

Ken Beardemohl

Position

Regulatory Coordinator

Company

Yates Petroleum Corp.

Date

4/22/82

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

April 14, 1982

Registered Professional Engineer and/or Land Surveyor

Dan Jones

Certificate No.

7977

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

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 ☐ gas ☒ other ☐

2. NAME OF OPERATOR
Yates Petroleum Corporation

3. ADDRESS OF OPERATOR
207 S. 4th, Artesia, New Mexico

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FNL and 660' FWL
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) moved location <input type="checkbox"/>	<input type="checkbox"/>

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.)*

Location moved per request of Bureau of Land Management.

Old location: 660' FNL and 660' FWL

New Location: 1980' FNL and 660' FWL

5. LEASE
NM 18031

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Huckaby "TJ" Federal

9. WELL NO.
#2

10. FIELD OR WILDCAT NAME
Undes. Pecos Slope Abo

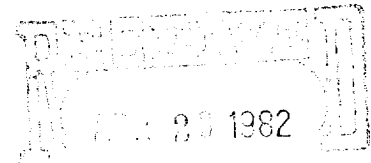
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 19-T8S-R26E

12. COUNTY OR PARISH | 13. STATE
Chaves | NM

14. API NO.

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

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



U.S. GEOLOGICAL SURVEY
LOS ALAMOS, NEW MEXICO

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

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

SIGNED Deborah L. Williams TITLE Regulatory Secy DATE 4/22/82

APPROVED

(This space for Federal or State office use)

(Orig. Sgd.) GEORGE H. STEWART

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

AUG 18 1982

JAMES A. GILLHAM
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.

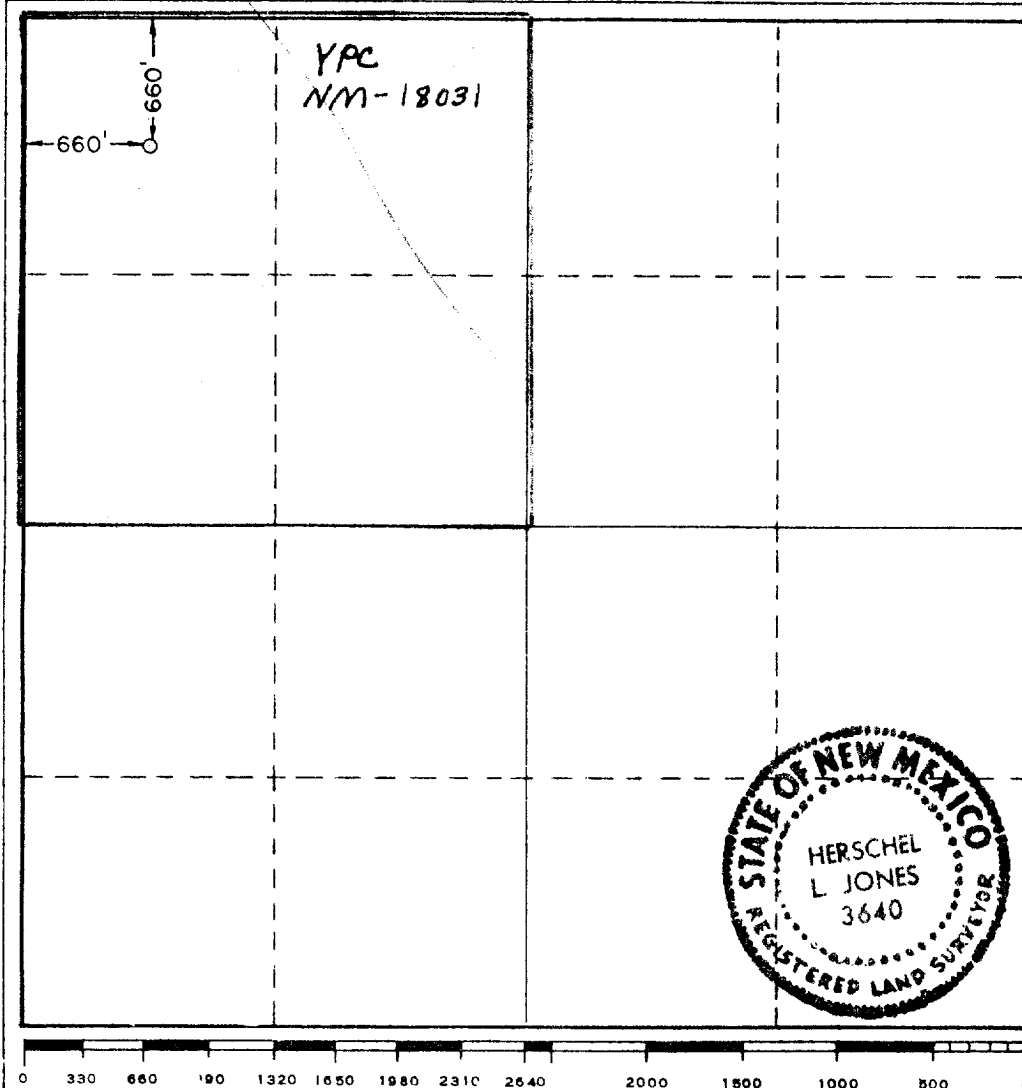
Operator YATES PETROLEUM CORPORATION			Lease Huckabay "TJ" Federal		Well No. 2
Unit Letter D	Section 19	Township 8 South	Range 26 East	County Chaves	
Actual Footage Location of Well:					
660 feet from the North line and		660 feet from the West line			
Ground Level Elev. 3595.9'	Producing Formation Abo	Pool Undes. Pecos Slope Abo		Dedicated Acreage: 160 Acres	

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CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Ken Beardemphl

Name

Ken Beardemphl

Position

Regulatory Coordinator

Company

Yates Petroleum Corporation

Date

3/3/82

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

3-1-82

Registered Professional Engineer and/or Land Surveyor

Certificate No.

3640

Huckaby "TJ" Federal #2
660' FNL and 660' FWL
Section 19-T8S-R26E
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 geologic surface formation is sandy alluvium.
2. The estimated tops of geologic markers are as follows:

San Andres	540'
Glorieta	1690'
Fullerton	3160'
Abo	3900'
TD	4600'

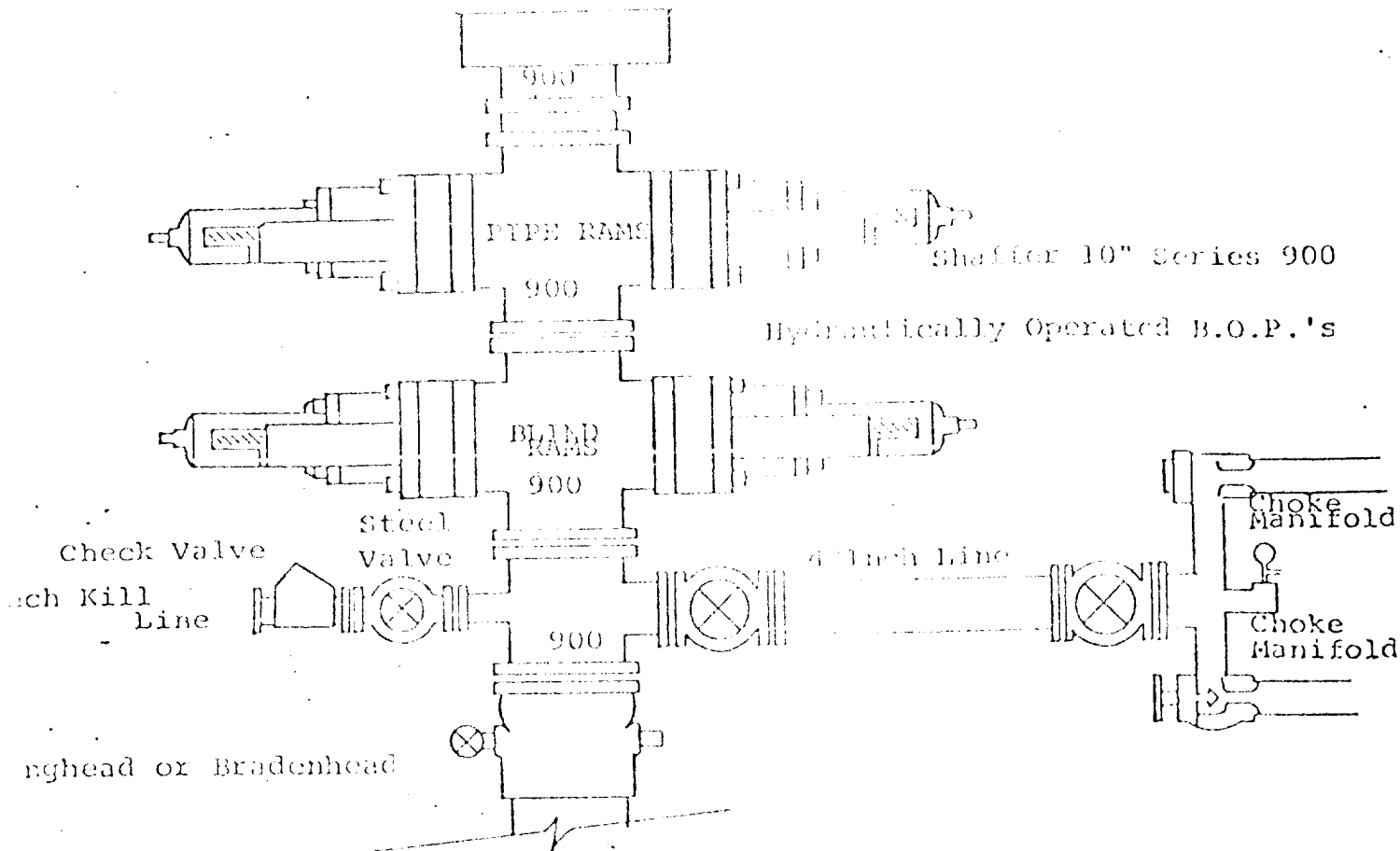
3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: Approximately 260'-330'

Oil or Gas: Abo 3920'

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: CNL-FDC TD to casing w/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



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.

PECOS

RIVER

FUGE

YATES PETROLEUM CORP.
Huckaby "TS" Federal #2
1980 PNL i 660 Pwc
Sec. 19, T8S, R26E
CHAVES COUNTY, NM

EXHIBIT A'

BLITTE

NATIONAL

Crosby

SANTA FE

Draw

#2

