

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 S. 4th, Artesia, New Mexico 88210

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

At surface

1980' FNL & 1680' FEL
1650' 1650' GS

At proposed prod. zone

same

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

Approximately 29 miles NNE 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

1480

19. PROPOSED DEPTH

4200'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

rotary

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

3755.0 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"	40.5 J-55	approx. 900'	600 sx circulated
7 7/8" or 6 1/2"	4 1/2"	10.5#	TD	350 sx.

We propose to drill and test the Abo and intermediate formations. Approximately 900' of surface casing will be set and cement circulated to shut off gravel and caving. If needed (lost circulation) 7" 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 cemented with adequate cover, perforate, and stimulate as needed for production.

MUD PROGRAM: FW gel and LCM to 900', Brine to 3500'. Brine & NL 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 Manager

DATE 2/8/82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

GEORGE H. STEWART

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APR 5 1982

FOR

JAMES A. GILLHAM
DISTRICT SUPERVISOR5. LEASE DESIGNATION AND NUMBER
NM 28162

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

APR 6 1982

7. UNIT AGREEMENT NAME

O. C. D.

8. FARM OR LEASE NAME

Thorpe "MI" Federal

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Wildcat Pecos Slope W/L

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

Sec. 3-T7S-R25E

12. COUNTY OR PARISH 13. STATE

Chaves

NM

RECEIVED
FEB 11 1982
U.S. OIL & GAS
GEOLOGICAL SURVEY
ROSWELL, NEW MEXICOPosted ID-1
API + NL Book
4-9-82

2-16

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.

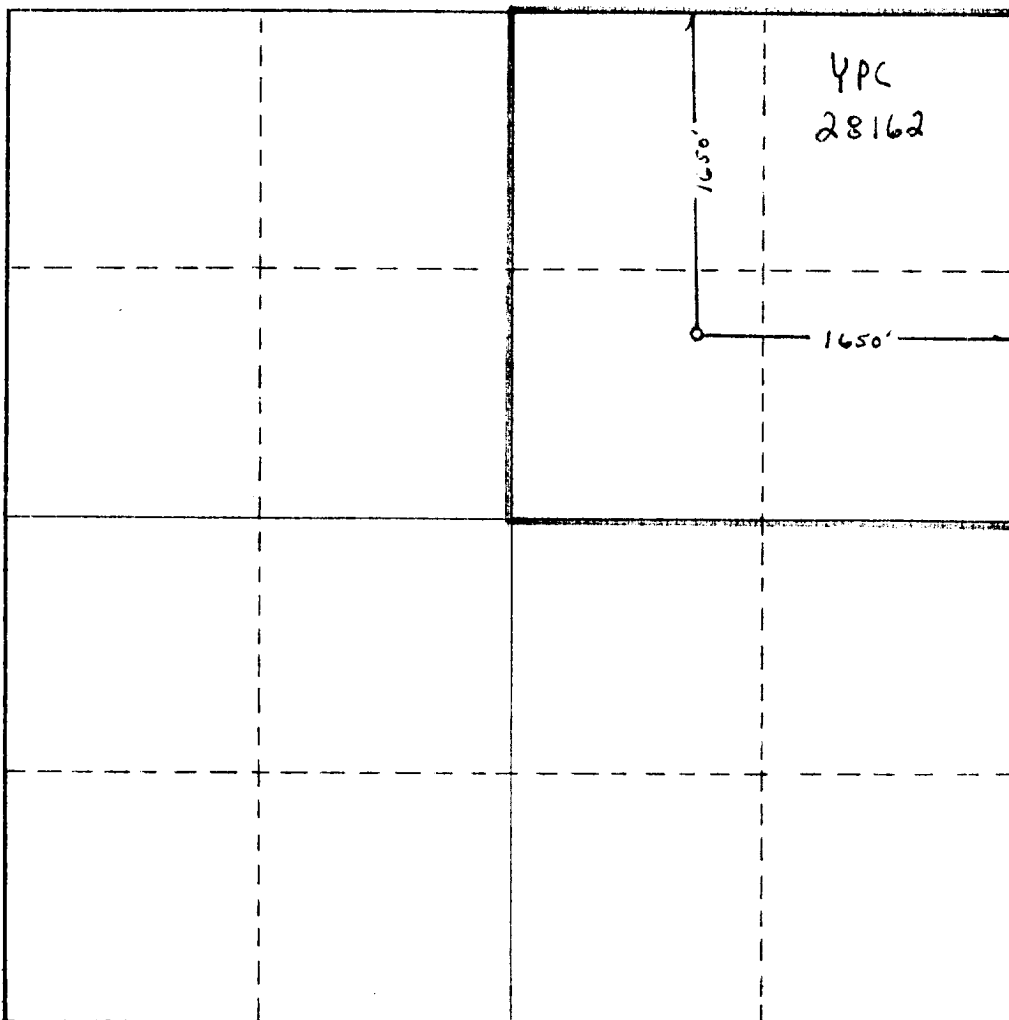
Operator YATES PETROLEUM CORPORATION			Lease Thorpe "MI" Federal		Well No. 7
Unit Letter C	Section 3	Township 7 South	Range 25 East	County Chaves	
Actual Footage Location of Well: 1650 feet from the North line and 1650 feet from the East line					
Ground Level Elev. 3750.2	Producing Formation Abo		Pool Pecos Slope 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.



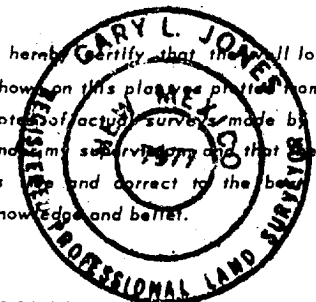
CERTIFICATION

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

Ken Beardemphl

Name
Ken Beardemphl
Position
Regulatory Coordinator
Company
Yates Petroleum Corporation
Date
4/1/82

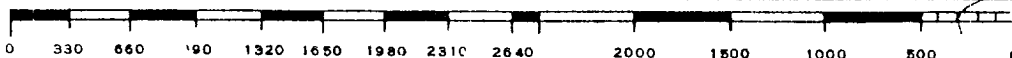
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.



Date Surveyed
March 29, 1982
Registered Professional Engineer and/or Land Surveyor

Gary L. Jones
Certificate No.

7977



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: 1650' FNL and 1650' 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: | 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 location <input type="checkbox"/> | |

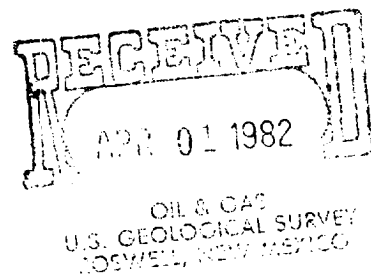
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

Location changed from: 1980' FNL and 1680' FEL
to: 1650' FNL and 1650' FEL

Per request of the Bureau of Land Management.

5. LEASE NM 28162	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Thorpe "MI" Federal	
9. WELL NO. 7	
10. FIELD OR WILDCAT NAME Pecos Slope Abo	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3-T7S-R25E	
12. COUNTY OR PARISH Chaves	13. STATE NM
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 3750.2	

(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 _____ TITLE Regulatory Secy. DATE 4/1/82

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

(Orig. Sgd.) GEORGE H. STEWART

APR 5 1982
FOR
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.

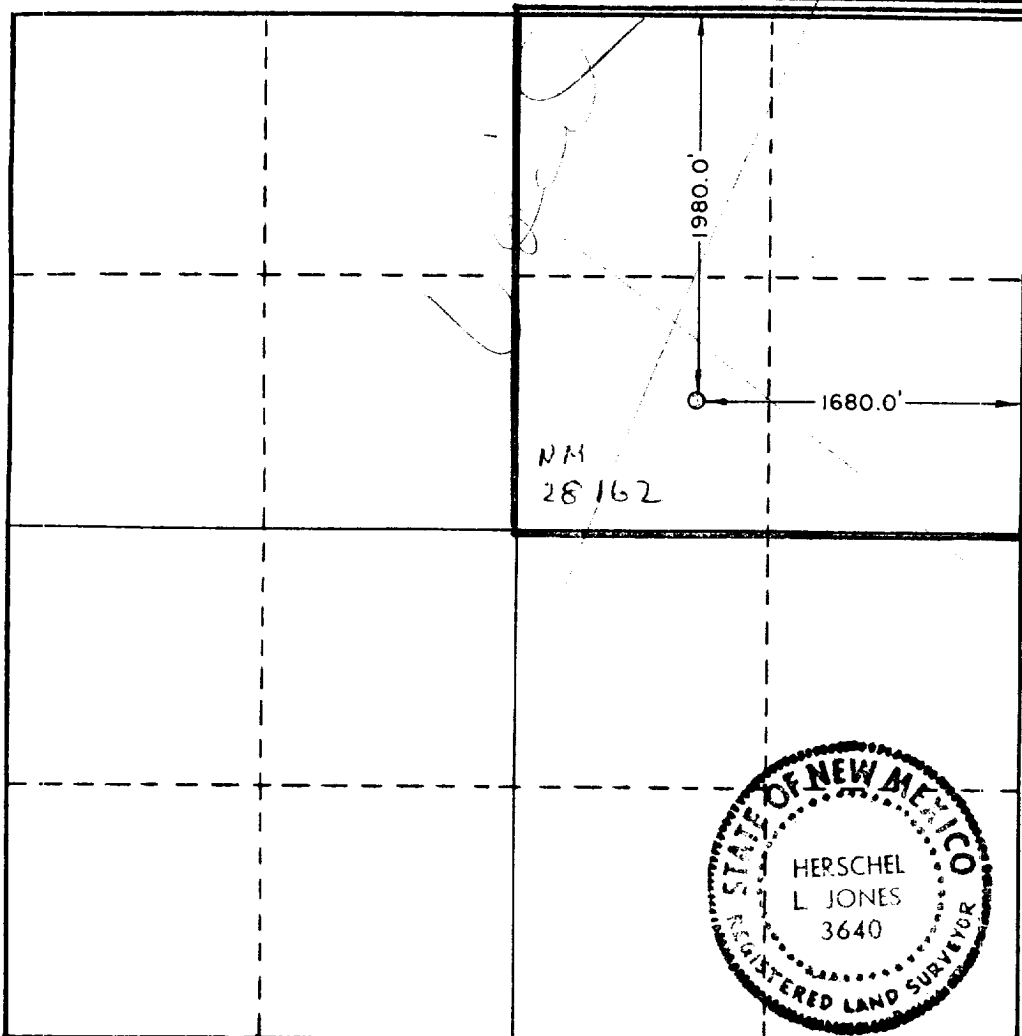
Operator YATES PETROLEUM CORPORATION			Lease Thorpe MI Federal		Well No. 7
Unit Letter G	Section 3	Township 7 South	Range 25 East	County Chaves	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1980 feet from the North line and 1680 feet from the East line </div>					
Ground Level Elev. 3755.0'	Producing Formation ABO	Pool Peso Slope Abo	Dedicated Acreage: 160 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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

2/5/82

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

1/29/82

Registered Professional Engineer and/or Land Surveyor

Herschel L. Jones
Certificate No.

3640

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

Yates Petroleum Corporation
Thorpe "MI" Federal #7
1980' FNL and 1680' FEL
Section 3-T7S-R25E
Chaves County, New Mexico

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

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

San Andres	463'
Glorieta	1490'
Fullerton	2922'
Abo	3578'
TD	4200'

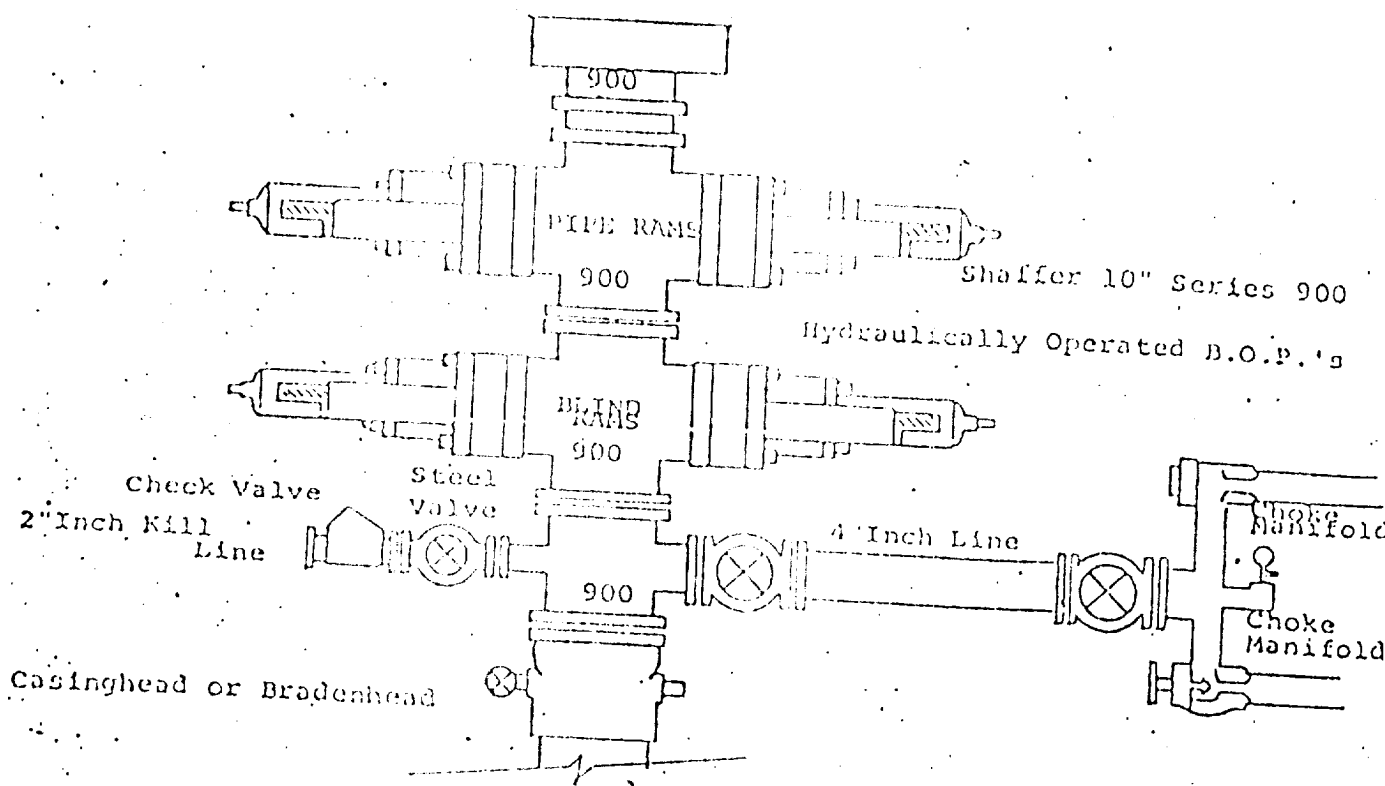
3. The estimated depths at which anticipated water, oil, or gas formations are expected to be encountered:

Water: Approximately 250'
Gas: 3590'

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 and Logging:

Samples: Surface casing to TD.
DST's: As warranted.
Logging: Intermediate casing to TD.
CNL-FDC TD to casing with GR-CNL on to surface and DLL from TD to casing.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible after approval.

Exhibit B



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

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

ILLEGIBLE