

JUN 16 1982

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

O. C. D.

ARTESIA OFFICE

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

660' FNL and 2180' FWL

At proposed prod. zone
same

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

32 miles NNE of Roswell, New Mexico

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

2560

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.

19. PROPOSED DEPTH

4200'

20. ROTARY OR CABLE TOOLS

Rotary

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

4046.5' 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
14 3/4"	10 3/4"	40.5# J-55	1000' 950	850 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 and LCM to 1000', 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

Kew Bradley

TITLE Regulatory Coordinator DATE 5/13/82

(This space for Record or Station use)

Wing. Sgd., GEORGE H. STEVENS

PERMIT NO.

APPROVAL DATE

APPROVED BY

JUN 3 1982

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: NMOC 2 APPROVAL FOR NDH-570 LOCATION.

FOR
JAMES A. GILLHAM
DISTRICT SUPERVISOR

NSA -1533

Approved 6-8-82

*Posted ID
6-18-82
New 2nd
APE & BH*

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.

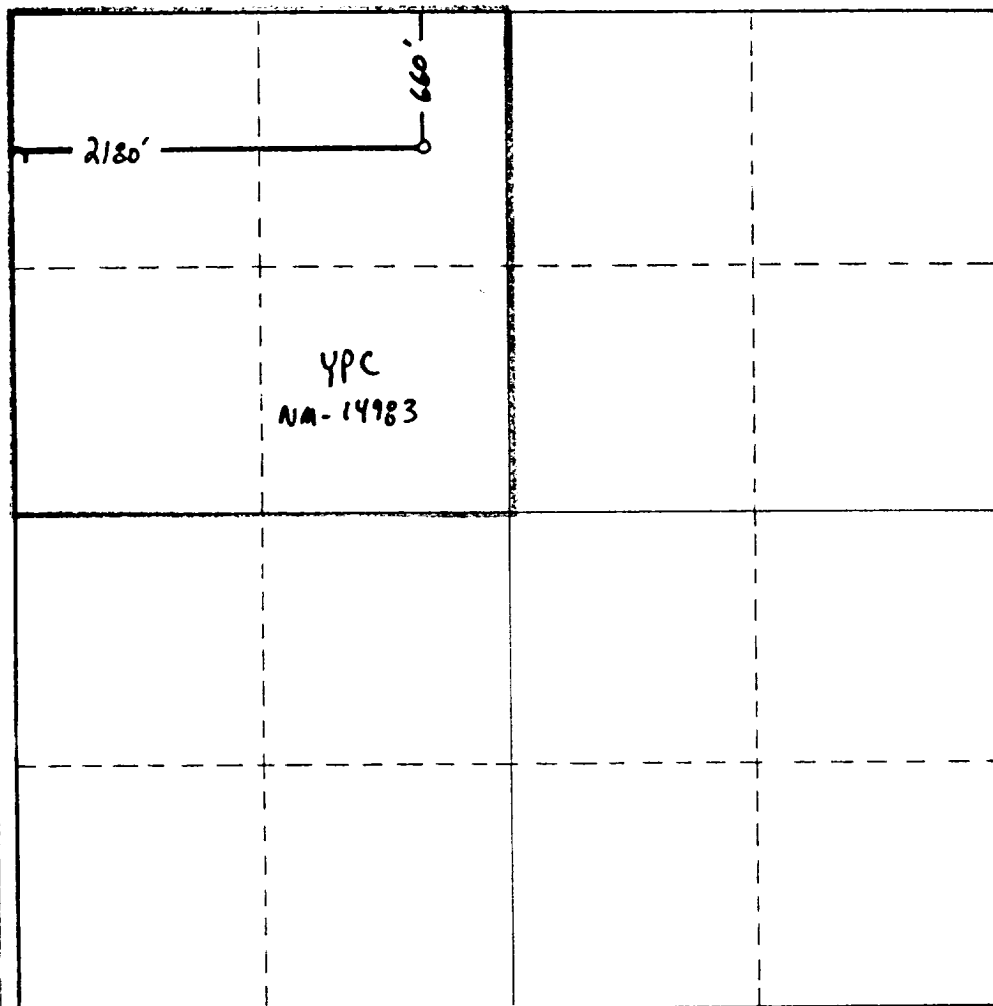
Operator YATES PETROLEUM CORPORATION		Lease Monaghan "QY" Federal		Well No. 7
Unit Letter C	Section 27	Township 5 South	Range 24 East	County Chaves
Actual Footage Location of Well: 660 feet from the North line and 2180 feet from the West line				
Ground Level Elev. 4046.5' GL	Producing Formation Abo	Pool Under 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 Corp.

Date

5/13/82

I hereby certify that the well location shown on this plat was plotted from field notes of actual survey 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

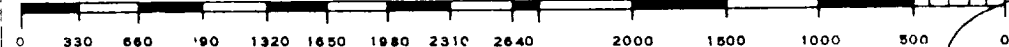
May 7, 1982

Registered Professional Engineer and/or Land Surveyor

Gayle Jones

Certificate No.

797



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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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.)

ARTESIA, OFFICE

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: 660' FNL and 2180' 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 ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☒
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

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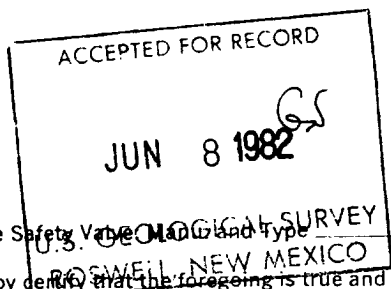
5. LEASE
NM-14983
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Monaghan "QY" Federal
9. WELL NO.
7
10. FIELD OR WILDCAT NAME
Unders. Pecos Slope Abo
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
27-T5S-R24E
12. COUNTY OR PARISH
Chaves
13. STATE
NM
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
4046.5' GL

(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.)*

Change surface casing depth to 950'
from 1000'

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

Subsurface Safety Valve Made and Type

Set @ _____ Ft.

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

SIGNED Deborah L. Ehlthorn TITLE Regulatory Secy DATE 6/7/82

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

YATES PETROLEUM CORPORATION
Monaghan "QY" Federal #7
660' FNL and 2180' FWL
Section 27-T5S-R24E

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	578'
Glorieta	1568'
Fullerton	2978'
Abo	3626'
TD	4200'

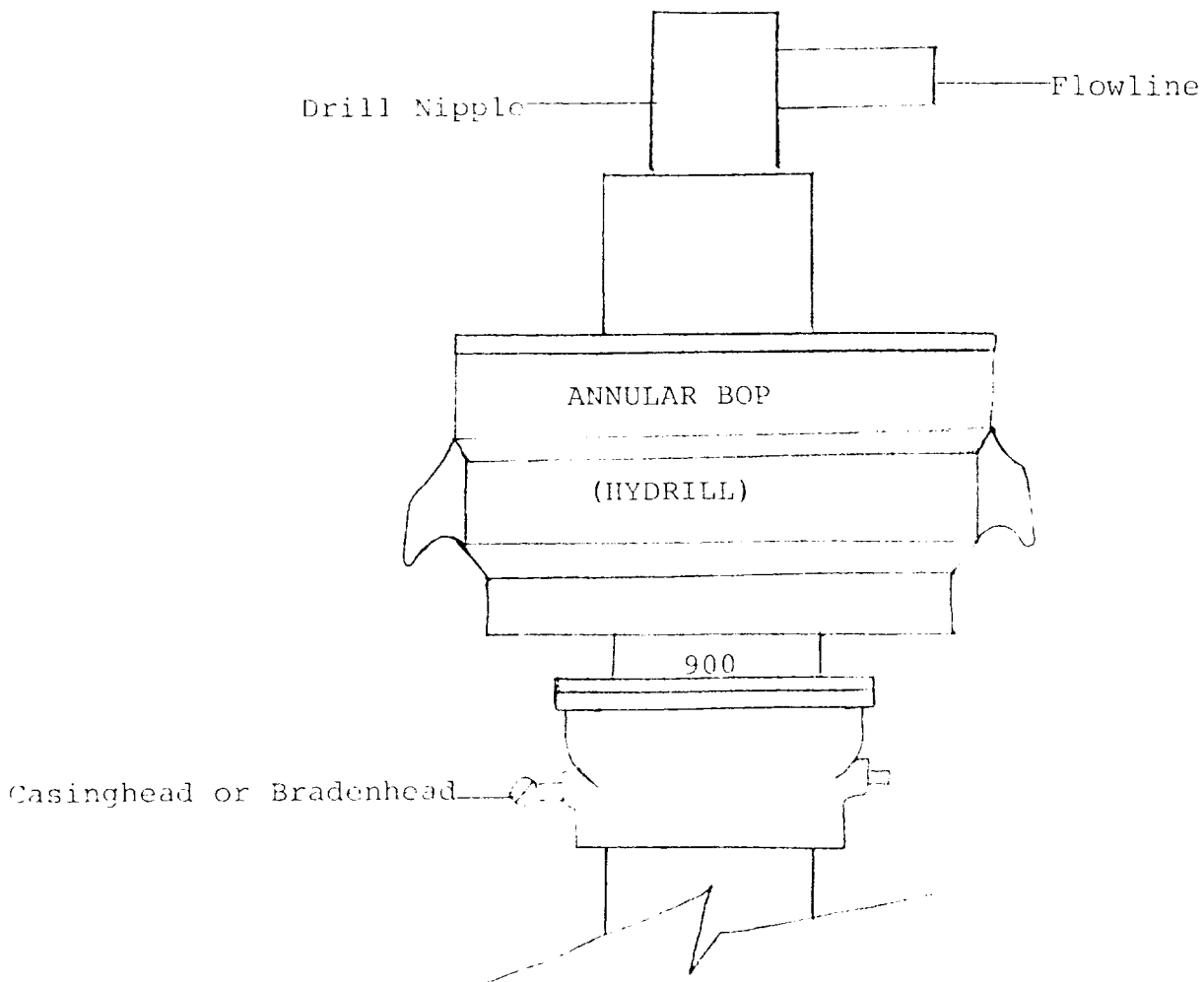
3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: Approximately 250-350'

Oil or Gas: Abo 3650'

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
Logging: CNL-FDC TD to casing w/GR-CNL to surface and DLL from TD to csg.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible after approval.

Exhibit P



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. All connections from operating manifolds to preventers to be all steel. Hole or tube a minimum of one inch in diameter.
3. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the BOP's.
4. All connections to and from preventer to have a pressure rating equivalent to that of the BOP's.
5. Hole must be kept filled on trips below intermediate casing. Operator not responsible for blowouts resulting from not keeping hole full.