

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|---|--|--|--|
| 1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. NM 13731 | |
| b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | |
| 2. NAME OF OPERATOR Yates Petroleum Corporation ✓ | | 7. UNIT AGREEMENT NAME | |
| 3. ADDRESS OF OPERATOR 207 South 4th Street - Artesia, NM 88210 | | 8. FARM OR LEASE NAME Federal "GG" | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 660' FEL & 1980' FS1 of Sec. 28-18S-27E At proposed prod. zone | | 9. WELL NO. 1 | |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10 miles SE of Artesia, NM | | 10. FIELD AND POOL, OR WILDCAT Undesignated | |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 28-18S-27E Unit 1 NMPM | |
| 16. NO. OF ACRES IN LEASE | | 12. COUNTY OR PARISH | |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL | | 13. STATE | |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. | | Eddy NM | |
| 19. PROPOSED DEPTH 1000' | | 20. ROTARY OR CABLE TOOLS Cable Tools | |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3418' GR | | 22. APPROX. DATE WORK WILL START* June 1, 1976 | |

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 12" | 10-3/4" | 40# | Approx. 35' | Circulate |
| 10" | 8-5/8" | 24# | " 300' | Set and pulled |
| 8" | 5 1/2" | 15.5# | " 1000' | 250 sacks |

Propose to drill and test the Queen formation at a depth of approx. 1000'. One joint of surface casing will be set and cemented. If needed, 8-5/8" intermediate casing will be set while drilling below the water strata but will be pulled prior to setting the oil string or plugging. If commercial will run and cement 5 1/2" casing, perforate and stimulate as needed for production.

Mud Program: - F.W. Gel as needed to clean hole.

BOP Program: - Drilling head will be installed prior to drilling Queen formation.

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.

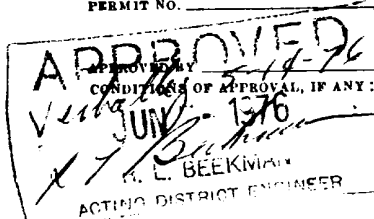
SIGNED Christian Tomlinson TITLE Geol. Secty

(This space for Federal or State office use)

ARTESIA, OFFICE

PERMIT NO.

APPROVAL DATE



THIS APPROVAL IS RECORDED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES SEP 1 - 1976

*See Instructions On Reverse Side

CASE NO. 4-30-76
C. MONT BERRY, JR. - 87%
CASING MUST BE CIRCULATED

DATE 8/6/76
C. MONT BERRY, JR. - 87%
CASING

RECEIVED
APR 30 1976
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

RECEIVED

JUN 8 1976

NEW MEXICO OIL CONSERVATION COMMISS
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Supersedes O-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

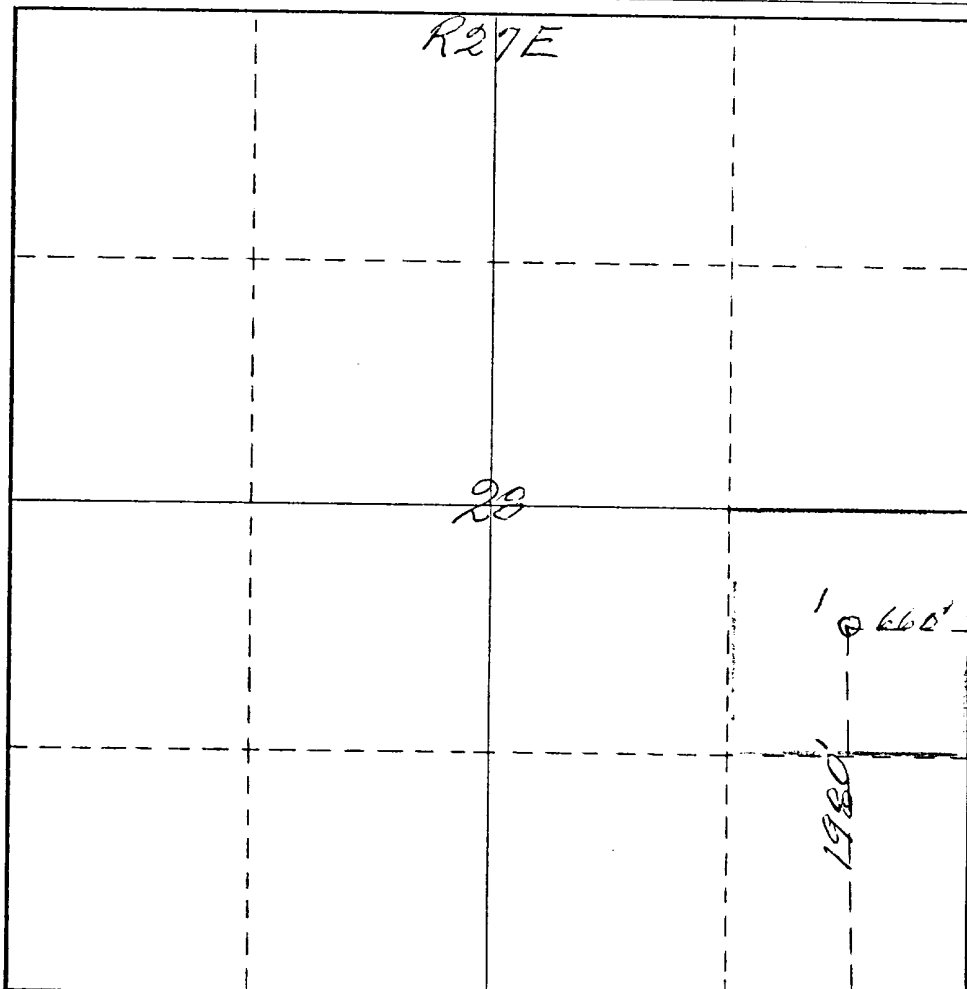
| | | | | |
|---|-------------------------------------|------------------------------|--------------------------------|-----------------------|
| Operator <i>Yates Petroleum Corp</i> | | Lease <i>Federal "GG"</i> | | Well No. <i>1</i> |
| Unit Letter <i>I</i> | Section <i>28</i> | Township <i>18 South</i> | Range <i>27 East</i> | County <i>Eddy</i> |
| Actual Postage Location of Well: <i>1980</i> feet from the <i>South</i> line and <i>660</i> feet from the <i>East</i> line | | | | |
| Ground Level Elev. <i>5418</i> | Producing Formation <i>Queen</i> | Foot <i>Underdrilled</i> | Dedicated Acreage <i>40</i> | |

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.

Eddie M. Mahfood
Name
Eddie M. Mahfood

Position
Engineer

Company
Yates Petroleum Corp.

Date
4-30-76

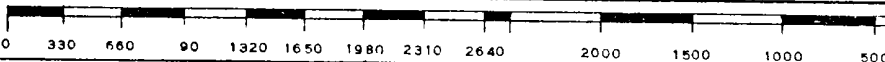
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

James H. Brown
JAMES H. BROWN

Date Surveyed
April 30th 1976

Registered Professional Engineer and/or Land Surveyor

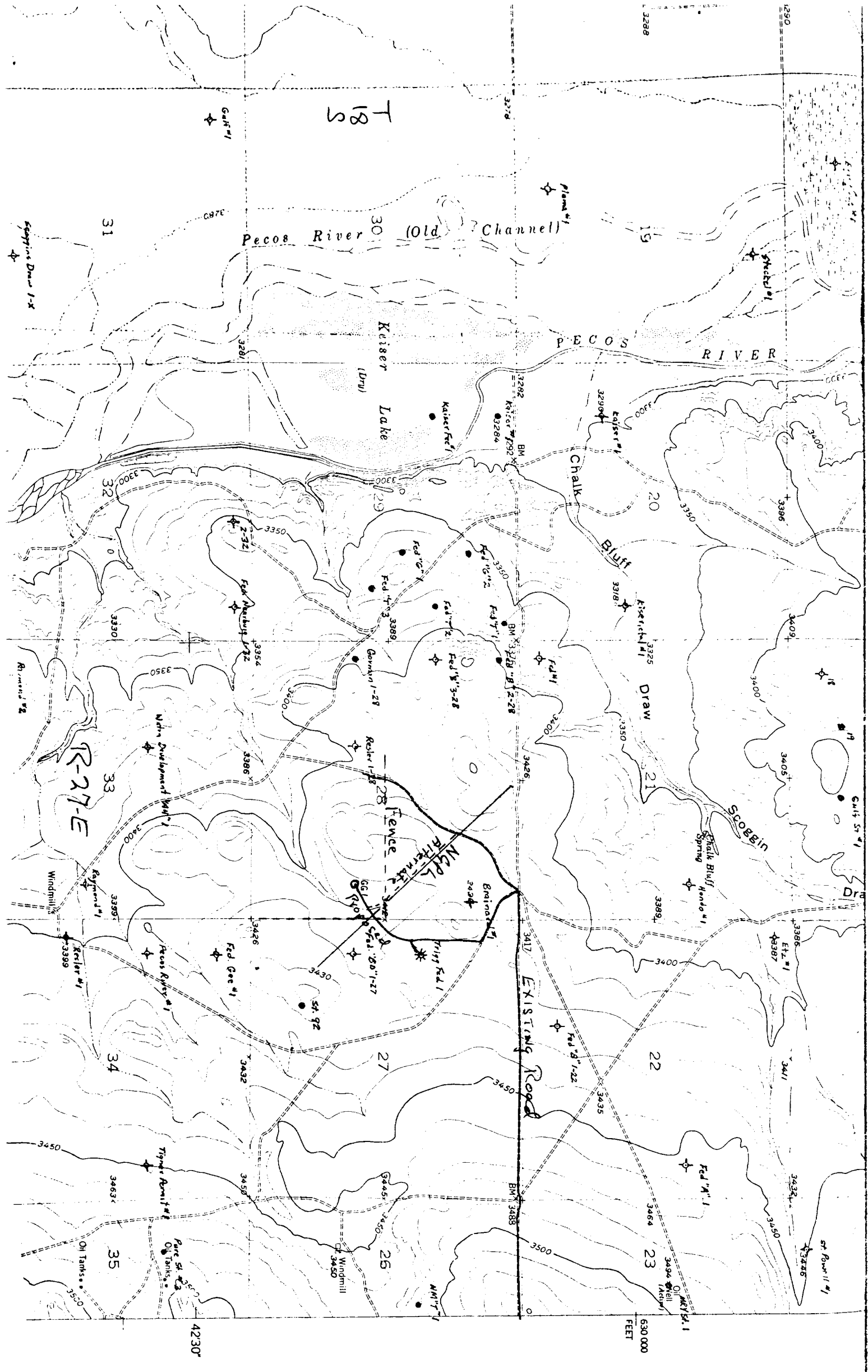
James H. Brown
Certificate No. **542**



Yates Petroleum Corporation
Federal "GG No. 1
1980' FSL & 660' FEL
Section 28-18S-27E
Eddy County, New Mexico

Development plan to accompany "APplications to Drill, Federal Lease".
12-Point Plan.

1. Existing Roads: See Plat (Exhibit A) Lease roads to ARCO-Trigg Federal No. 1 in SW NW of Sec. 27-18S-27E, graded & maintained as needed.
2. Planned Access Roads: See Plat (Exhibit A) Approx ^{1300'}~~1900'~~ new road SW from Trigg Federal No. 1, graded and maintained as needed.
3. Location of Wells: See Plat (Exhibit A) East Atoka Grayburg producers in the West-half of this section.
4. Lateral Roads to Location: See Plat (Exhibit A) First well, no lateral roads to this location anticipated
5. Location of Tank Battery and Flowlines: See Plat (Exhibit C) On high side of pad w/ample turnaround for transport.
6. Location and Types of Water Supply: Water to lease trucked by Cable Tool Contractor.
7. Methods for Handling Waste Disposal: See Sketch (Exhibit C) Mud pit for cuttings and waste, also for burn pit if needed.
8. Location of Camps: Not Applicable.
9. Location of Airstrips: Not Applicable.
10. Location Layout (rig, tanks, pits, racks, etc): See Sketch (Exhibit C)
11. Plans for Restoration of Surface: If producer, pit will be fenced until covered up or lined in accord w/RTL-2B. If dry hole, will clean location and restore to as near original as possible to the satisfaction of BLM and grazing rights owner.
12. Other Environment Information: Rolling terrain, sparse vegetation w/ some prairie grass, desert brush and greasewood.
13. Field Representative will be Eddie Mahfood or Leon Bergstrom, - Yates Petroleum Corporation - 207 So. 4th Street-Artesia, NM
Phone: 505-746-3558.



Yates Petroleum Corporation
Federal "GG" No. 1
1980' FSL & 660' FEL
Section 28-18S-27E
Eddy County, New Mexico

