

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

30-015-23848

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

U. S. 13989

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Amoco Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 26, T25S-R27E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

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

Wayne Moore

3. ADDRESS OF OPERATOR

403 N. Marienfeld - Midland, Texas

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

At surface 660' FNL, 90' FEL, Sec. 26, T25S-R27E

Eddy County, New Mexico

At proposed prod. zone

Same

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

9 miles SW of Malaga, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

16. NO. OF ACRES IN LEASE

440

19. PROPOSED DEPTH

8500'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

88 40

20. ROTARY OR CABLE TOOLS

Cable Tool & Rotary

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

3080.0 GL

22. APPROX. DATE WORK WILL START*

June 28, 1981

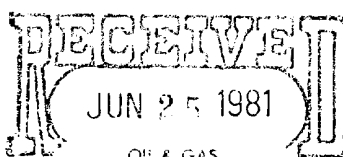
23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|---|
| 26" | 20 | | 35' | To Surface Redimix CIRCULATE |
| 17-1/2" | 13-3/8" | 48# H-40 | 425' | See Reverse Side and CIRCULATE |
| 12-1/4" | 8-5/8" | 32# H-40 | 2600' | Exhibit H |
| 7-7/8" | 4-1/2" | | | |

Mud Program: See Exhibit G

BOP Program: Series 1500 BOP, See Exhibit E



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

DATE

6-22-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, TO BE

FOR

JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

CEMENTING PROGRAM (Also See Exhibit "F")

| | | |
|--------|----|---|
| 13-3/8 | -- | 430 sx. Class C plus 2% CaCl |
| 8-5/8 | -- | 975 sx. Class C plus 6% Gel 5 lbs. Kolite/sx. 5% Salt. Plus 225 sx. Class C plus 5% Salt and 2% CaCl |
| 4-1/2 | -- | 1200 sx. Class H plus 6% Gel 10% Salt and 5 lbs. Kolite. Tail-in with 200 sx. Class H Plus 10% Salt. |

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-100
Supersedes O-128
Effective 1-1-81

All distances must be from the outer boundaries of the Section

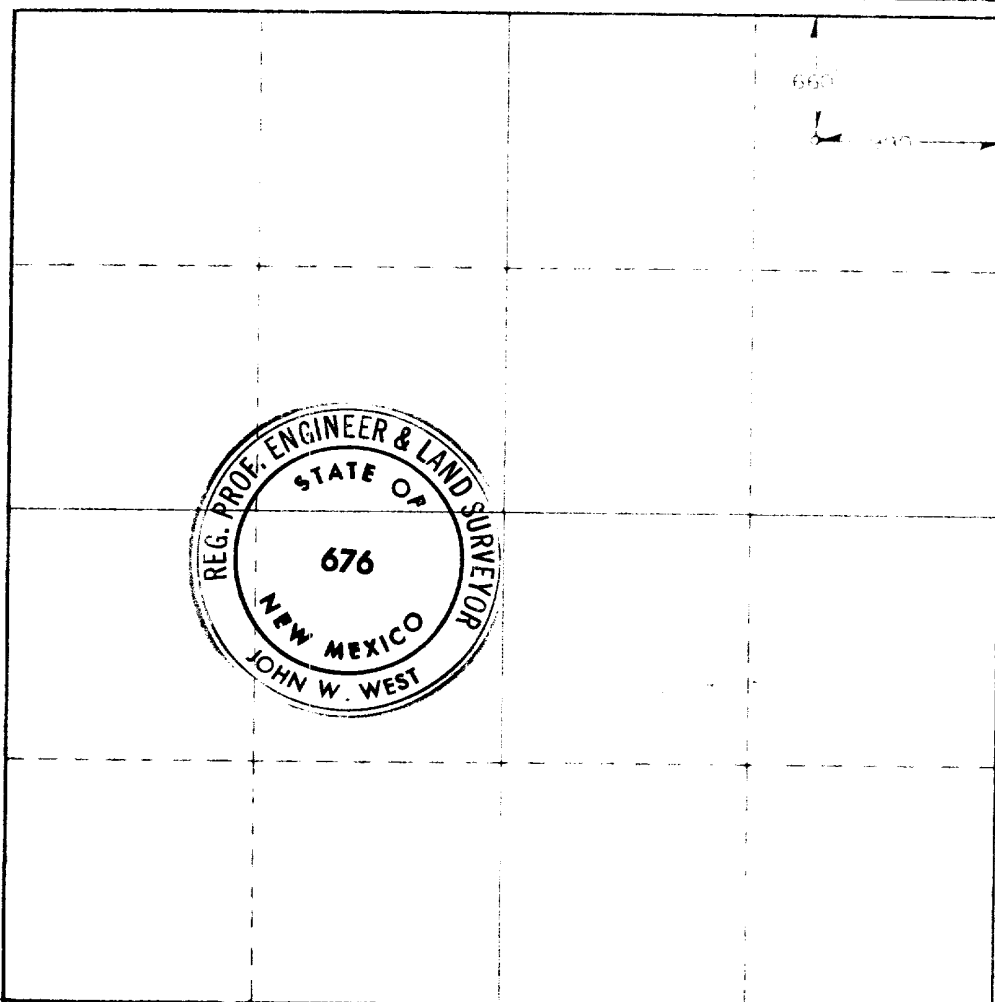
| | | | | | | |
|-------------------------------------|--|------------------------------------|--|-----------------------|--|-------------------|
| Operator Wayne Moore | | | Lease Amoco Federal | | | Acres 1 |
| Well Letter A | Section 26 | Township 25 South | Range 27 East | County Eddy | | |
| Actual Footage Location of Well: | | | | | | |
| 660 feet from the North | | 990 feet from the East | | | | |
| Ground Level Elev. 3075.3 | Producing Formation BONE SPRINGS | Pool WILCOCK BONE SPRING | Deduction for Obstruction 40 | | | |

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.

[Signature]
Operator

WAYNE MOORE
6-25-81

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.

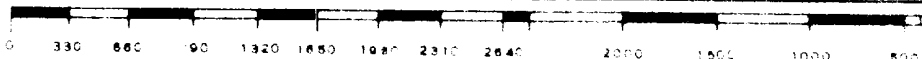
Date Surveyed

6/24/81

Registered Professional Engineer
(State of New Mexico)

[Signature]
John W. West

Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 5663
Ronald J. Edison 3239



WAYNE MOORE
403 N. MARIENFELD
MIDLAND, TEXAS 79701
APPLICATION FOR DRILLING

Eddy County, New Mexico

In conjunction with Form 9-331C, Application for Permit to Drill subject well, Wayne Moore submits the following ten items of pertinent information in accordance with USGS requirements:

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

| | |
|----------------|---------|
| Permian Ochoan | Surface |
| Delaware | 2300' |
| Bone Springs | 5900' |
| Wolfcamp | 8600' |

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

| | |
|-------------|---------------------------|
| Water: | Approximately 30' |
| Oil or gas: | Delaware - 2300-5900' |
| | Bone Springs - 5900-8600' |

4. Proposed Casing Program: See Form 9-331C and Exhibit F.
5. Pressure Control Equipment: See Form 9-331C and Exhibit E.
6. Mud Program: See Exhibit G.
7. Auxiliary Equipment: See Exhibit H.
8. Testing, Logging and Coring Programs:

Drill Stem Tests (all DST's to be justified by a valid show of oil):

| | |
|---------------|-------|
| Delaware: | 2300' |
| Bone Springs: | 5900' |

Logging:

Logging Unit from 2300' (Delaware)
Electric Log Program:

Compensated Neutron Formation Density
Dual Laterolog
Micro SFL

9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible.

WAYNE MOORE

403 N. MARIENFELD
MIDLAND, TEXAS 79701

MULTI-POINT SURFACE USE AND OPERATING PLAN

Wayne Moore
Amoco Federal #1
660' FNL and 810' FEL
Sec. 26, T25S, R25E
Eddy County, New Mexico

This plan is submitted with Form 9-331C, Application for Permit to Drill, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of necessary surface disturbance involved, and the procedures to be followed in rehabilitating the surface after completion of the operating show that a complete appraisal can be made of the environmental effects associated with the operation.

1. EXISTING ROADS

- A. Exhibit A is BLM Quad Color-Map No. SE29. Exhibit B is USGS Topographic Map of the area. Both maps showing the proposed wellsite and the existing roads in the vicinity. The proposed location is located approximately 9 miles Southwest of Malaga, New Mexico, via the access route shown in red.
- B. Directions - Proceed West from Malaga on the Black River Road for 2.7 miles, then Southwest on a County Road for 5 miles, then South on an improved road leading to the drilling pad for the Wayne Moore, Moore State #1. The new road will start at this point and continue South one mile to the proposed site.

2. PROPOSED ACCESS ROAD

- A. The proposed new access road will be approximately 1 mile in length and will run in a North-South direction with 990' of the access road to be on Federal land.
- B. The new road will be approximately 12 feet in width (driving surface).
- C. The new road will be cut for drainage as necessary.
- D. The center line of the new road has been staked and flagged.

3. LOCATION OF EXISTING WELLS

- A. The well locations in the vicinity of the proposed well are shown on Exhibit C.

4. LOCATION OF EXISTING AND/OR PROSPECT FACILITIES

- A. There is no producing well on this lease at the present time.

- B. In the event that the well is productive, the necessary production facilities will be installed on the drilling pad. If the well is productive of oil, a gas or diesel self-contained unit will be used to provide the necessary power. No power will be required if the well is productive of gas.

5. LOCATION AND TYPE OF WATER SUPPLY

It is planned to drill the proposed well with a fresh water system. The water will be obtained from commercial sources and will be hauled to the location by truck over the existing and proposed roads shown in Exhibits A and B.

6. SOURCES OF CONSTRUCTION MATERIALS

Any caliche required for construction of the drilling pad and the new access road will be obtained from an existing pit on federally owned surface shown on Exhibit A.

7. METHODS OF HANDLING WASTE DISPOSAL

- A. Drill cuttings will be disposed of in the reserve pits.
- B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.
- C. Water produced during operations will be collected in tanks until hauled to an approved disposal system or a separate disposal application will be submitted to the USGS for appropriate approval.
- D. Oil produced during operations will be stored in tanks until sold.
- E. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- F. Trash, waste paper, garbage and junk will be buried in a separate trash pit and covered with a minimum of 24 inches of dirt. All waste material will be contained to prevent scattering by the wind.
- G. All trash and debris will be buried or removed from the wellsite within 30 days after finishing drilling and/or completion operations.

8. ANCILLARY FACILITIES

None required.

9. WELLSITE LAYOUT

Exhibit D shows the dimensions of the well pad and reserve pits, and the location of major rig components.

10. PLANS FOR RESTORATION OF THE SURFACE

- A. After finishing drilling and/or completion operations, all equipment and other material not needed for further operations will be removed. The location will be cleared of all trash and junk, to leave the well-site in as aesthetically pleasing a condition as possible.
- B. Unguarded pits, if any, containing fluids will be fenced until they have been filled.
- C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the Bureau of Land Management and the United States Geological Survey will be complied with and will be accomplished as expeditiously as possible. All pits will be filled and leveled within 90 days after abandonment.

11. TOPOGRAPHY

- A. The wellsite and access route are located in flat to rolling areas.
- B. The top soil at the wellsite is sandy.
- C. The vegetation at the wellsite is sparse with some mesquite, greasewood and miscellaneous weeds.
- D. Rabbits, rodents, lizards and insects traverse the area. The area is used for cattle grazing.
- E. There are no ponds, lakes, streams or rivers within the near proximity.
- F. There are no houses within 2 miles of the proposed wellsite.
- G. The proposed wellsite is located on Federal surface.
- H. There is no evidence of historical or cultural sites within the vicinity of the location.

12. OPERATOR REPRESENTATIVES:

- A. The Field Representatives responsible for assuring compliance with the approved surface use plan are:

Tom E. Moore
403 North Marienfeld
Midland, Texas 79701
Phone: (915) 682-8695 (office)
(915) 684-7179 (office)
(915) 684-6982 (home)

Wayne Moore
403 North Marienfeld
Midland, Texas 79701
Phone: (915) 682-8695 (office)
(915) 682-1039 (home)

Wayne Piette
1312 Midland Savings Building
Midland, Texas 79701
Phone: (915) 684-7179
(915) 682-0865

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Sabine Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Date

[illegible]

ase maps are designed and published as a planning and management aid. They are prepared from the best available information. The ownership status is that shown on the land records within one year or less prior to the year shown on the map. Some of the lands (surface and mineral rights) acquired by Federal agencies may be shown as patented (White) on the map, due to lack of information about their acquisition available to BLM. Because of map scale some features such as roads are approximations and it is not possible to show ownership status of all small tracts below 10 acres. Ownership status and road condition are dynamic factors and change with the passage of time. Therefore, it is cautioned against the use of the ownership information shown on the map of a specific tract of land for anything except casual use to give a general land pattern. The official land records in appropriate offices of the Bureau of Land Management should be checked for accurate and up-to-date status on any specific tract of land. We would appreciate your submitting information on any errors, corrections or inaccuracies on the map to the respective Bureau of Land Management Office from which the maps were obtained.

**MINERALS OWNED BY
THE FEDERAL GOVERNMENT**
mbol Mineral Rights

All Minerals

Coal Only

Oil and Gas Only

Oil, Gas, and Coal Only

Other

le: Acquired and L.U. may include term or fractional interest for mineral shown.

