

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 9411	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Max M. Wilson			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Drawer 1978, Roswell, NM			8. FARM OR LEASE NAME Gulf Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 660' FEL - 660' FSL - Sec. 4, T.24S, R.32E At proposed prod. zone			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 24 miles east Loving, New Mexico			10. FIELD AND POOL, OR WILDCAT Wildcat	
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 4 - 24S - R32E	
16. NO. OF ACRES IN LEASE 640			12. COUNTY OR PARISH Lea	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			20. ROTARY OR CABLE TOOLS Cable Tools	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3,645 GR			22. APPROX. DATE WORK WILL START* April 25, 1979	
23. PROPOSED CASING AND CEMENTING PROGRAM				

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10 3/4"	8 5/8"	32#	300' 450'	150 sx circulated
7 7/8"	4 1/2"	9.5#	5,000'	150 sx circulated

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APR 25 1979

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

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 Max M. Wilson TITLE Owner DATE 4-6-79

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

APPROVED
DATEJames J. Sims
DISTRICT ENGINEER

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.

U.S. GOVERNMENT PRINTING OFFICE : 1963- O 711-386
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APR 24 1979
OIL CONSERVATION COMM.
BOEING, INC.

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 MAX M. WILSON		Lease GULF - FEDERAL		Well No. 1
Unit Letter "P"	Section -4	Township -24-S	Range -32-E	County LEA
Actual Footage Location of Well: 660 feet from the SOUTH line and 660 feet from the EAST line				
Ground Level Elev. 3645	Producing Formation DELAWARE	Pool WILDCAT	Dedicated Acreage: 40 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.

Max M. Wilson

Name

Position

Owner

Company

Lea

Date

April 5 - 1979

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 3, 1979

Registered Professional Engineer and/or Land Surveyor

Max A. Schumann
MAX A. SCHUMANN JR 1510

Certificate No.

1510

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APR 24 1979

OIL CONSERVATION COMM.
HQS., N. M.

APPLICATION FOR DRILLING

Max M. Wilson #1 Gulf Federal
660' FEL and 660' FSL
Section 4, T.24S, R.32E
Lea County, New Mexico

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

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

Top Salt	1400'
Base Salt	4600'
Delaware limestone	4850'
Dealware sand	4900'
3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: Approximately 150'
Oil or gas: Delaware: 4900'
4. Proposed Casing Program: See Form 9-331C
5. Pressure Control Equipment: Cable tool control head
6. Mud Program: Cable tool hole
7. Auxiliary Equipment: Cable tool rig
8. Testing, Logging and Coring Programs:

Cable tool open hole testing
Logging:
Gamma Ray Neutron to total depth
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: April 25, 1979

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

Max M. Wilson #1 Gulf Federal
660' FEL and 660' FSL
Section 4, T.24S, R.32E
Lea County, New Mexico
(Exploratory Well)

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 operations, so that a complete appraisal can be made of the environmental effects associated with the operation.

1. EXISTING ROADS.

- A. Exhibit A is a plat of the area on a scale of approximately 1 inch to 2 miles, showing the location of the proposed well site and roads in the vicinity. The proposed location is situated approximately 25 miles east of Loving, New Mexico via the access route shown in blue on Exhibit A.

DIRECTIONS:

1. Take NM 31 east from Loving to NM 128. Go east on NM 128. Approximately 4.5 miles east of Eddy/Lea County line turn north at cattle guard marked "Tenneco USA Jennings" NM 033503, Section 14, 24-32.
2. Go 1.2 miles north on gravel road.
3. Turn left (northwest) at cattle guard on existing gravel road for 1 mile to abandoned loc marked "Hanagan #1 Gulf Federal". Continue northwest from abandoned loc to .25 miles on existing dirt road.
4. Turn back right (north) parallel the fence on existing gravel road .7 miles.
5. At this point a cattle guard will be set in the fence on the west side of the road (the cattle guard is not yet set).
6. This will give access to existing dirt ranch road going due west parallel the fence for .5 miles to the corner of the pasture on the north. This is a ranch road and will require grading to smooth it out. See Exhibit B.

2. PLANNED ACCESS ROAD.

- A. The proposed new access will be approximately 650 feet in length from point of origin to the edge of the drilling pad. The road will lie in a northeast to southwest direction.
- B. The new road will be 10 feet in width and graded to the red bed so no caliche or graveling will be necessary. The road will be on a flat surface so no drainage is anticipated. The new road is shown on Exhibit B.

3. LOCATION OF EXISTING WELLS.

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

4. LOCATION OF EXISTING AND / OR PROPOSED FACILITIES.

- A. There are no producing wells within a 1 mile radius of loc.
- 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.

- A. 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. The well will be drilled with a fresh water system.

6. SOURCES OF CONSTRUCTION MATERIALS.

- A. Neither pad or road will be calcified.

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 drained to the pits.
- 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.

- A. None required.

9. WELLSITE LAYOUT.

- A. Exhibit C shows the dimensions of the well pad and reserve pits, and the location of major rig components.
- B. The ground surface at the drilling location is flat. No cutting will be required to level the pad area. Again, because of the red bed texture of the soil, the pad will not be covered.
- C. The reserve pits will not be plastic lined.
- D. The pad and pit area has not been staked and flagged.

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 wellsite 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 a flat area.
- B. The top soil at the wellsite is rock and red sand.
- C. The vegetation cover at the wellsite is very sparse, with greasewood, mesquite and miscellaneous weeds and grasses.
- D. No wildlife was observed, but it is likely that rabbits, lizards, insects and rodents traverse the area. The area is used for cattle grazing.
- E. There are no active rivers or streams in this area.
- F. The wellside is located on federal surface.
- G. There is no evidence of any archeological, historical or cultural sites in the vicinity of the location
- H. A ranch house, barns and corrals are located 1 mile southeast of loc.

12. OPERATOR'S REPRESENTATIVE

A. The field representative responsible for assuring compliance with the approved surface use plan is:

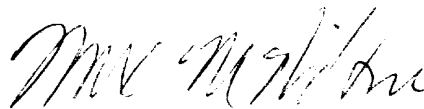
Max M. Wilson
Owner
901 Security National Bank Building
500 North Main
Roswell, New Mexico 88201
Phone: 505-623-0507 (office)
505-623-0452 (home)

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 Max M. Wilson and his contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

4-6-79

Date



Max M. Wilson, Owner

T.23 S.

T.24 S.

T.25 S.

T.26 S.

EXISTING ROADS - PROPOSED ACCESS TO BE BUILT

