

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

MW Petroleum Corporation

015422

3. ADDRESS AND TELEPHONE NO.

2000 Post Oak Blvd., Ste 100, Houston, Tx 77056-4400

713-296-6000

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

At surface Unit Letter J Section 10, T-26N, R-2W

2201 FSL x 2059' FEL

At proposed prod. zone

SAME

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

43 miles north of Cuba, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 439/ 3221'

16. NO. OF ACRES IN LEASE

2000

17. NO. OF ACRES ASSIGNED TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

2400 Ft.

19. PROPOSED DEPTH

7600

20. ROTARY OR CABLE TOOLS

Rotary

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

7320

22. APPROX. DATE WORK WILL START*

Nov. 20, 1996

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY
12 1/4	J-55, 9 5/8	36	600	320 SXS
8 3/4	K-55, 5 1/2	17	7600	1950 SXS

RECEIVED
DEC 12 1996
OIL CON. DIV.
DIST. 3

MW Petroleum Corporation proposes to drill a 7600' oil well to test the Niobrara formation. If productive, casing will be run and the well will be completed. If dry, the well will be plugged and abandoned according to BLM regulations. A detailed drilling plan and surface use plan is attached..

I hereby certify that MW Petroleum is responsible under the terms and conditions of the lease to conduct lease operations in conjunction with the application. Bond Coverage pursuant to 43 CFR 3104 for lease activities is being provided by MW Petroleum under its nationwide bond BLM NO. CO-1047, Surety Bond No. 800757974.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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

David M. Talbot

TITLE

Western Region Drilling Mgr

DATE

10/30/96

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL IF ANY:

Note: Refer to exhibit A. Blowout preventer choke diagram, fixed chokes are not authorized. Both chokes must be adjustable.

(Original Signed) HECTOR A. VILLALOBOS

APPROVED BY

OK

TITLE

Area Manager

DATE

DEC 5 1996

*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.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR Part 3160.

PRINCIPAL PURPOSE: The information is to be used to process and evaluate your application for permit to drill or deepen an oil or gas well.

ROUTINE USES: (1) The analysis of the applicant's proposal to discover and extract the Federal or Indian resources encountered. (2) The review of procedures and equipment and the projected impact on the land involved. (3) The evaluation of the effects of proposed operation on surface and subsurface water and other environmental impacts. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions, as well as routine regulatory responsibility.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if the operator elects to initiate drilling operation on an oil and gas lease.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 30 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 1849 C Street, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0136), Washington, D.C. 20503.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et seq) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases.

This information will be used to analyze and approve applications.

Response to this request is mandatory only if the operator elects to initiate drilling operations on an oil and gas lease.

DISTRICT I
P.O. Box 1980, Hobbs, N.M. 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, N.M. 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
PO Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number <u>30-039-25614</u>	² Pool Code 27194	³ Pool Name GAVILAN MANCOS
⁴ Property Code <u>8189</u> 20073	⁵ Property Name BEAR CANYON UNIT	⁶ Well Number #9
⁷ GRID No. <u>015422</u>	⁸ Operator Name M.W. PETROLEUM CORPORATION	⁹ Elevation 7320

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	10	26N	2W		2201'	SOUTH	2059'	EAST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 640	¹³ Joint or Infill #2 Y	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

18				RECEIVED DEC 12 1996 OIL CON. DIV. DIST. 3		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <u>Robert S. Larson</u> Signature <u>Robert S. Larson</u> Printed Name <u>Permit Agent</u> Title <u>NOV. 5, 1996</u> Date	
						18 SURVEYOR CERTIFICATION 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 belief. OCTOBER 14, 1996 Date of Survey <u>ROY A. [Signature]</u> Signature and Seal of Professional Surveyor 2059' 2640.8' 2201' N00-01W B.C.	

N89-55-14W

5286'

B.C.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL
EIGHT-POINT DRILLING PLAN

COMPANY: MW PETROLEUM WELL NO.: BEAR CANYON UNIT #9

LOCATION: NW SE Sec. 10-T26N-R2W LEASE NO.: NM 13809

RIO ARriba COUNTY , NEW MEXICO

DRILLING PROGRAM:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43CFR 3160), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Surface Formation and Estimated Formation Tops:**

Ground Elevation (ungraded) 7320'	KB 7333'	
	<u>Depth</u>	<u>Subsea</u>
San Jaun	Surface	
Ojo Alamo	3240'	4093'
Fruitland	3452'	3881'
Pictured Cliffs	3613'	3720'
Cliff House	5446'	1887'
Menefee	5536'	1797'
Point Lookout	5801'	1532'
Mancos	5892'	1441'
Niobrara	6925'	408'
Total Depth	7600'	-267'

2. **Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are expected to be encountered:**

Expected Oil zones:	Niobrara	6925'
Expected Gas zones:	None	
Expected Water zones:	Ojo Alamo	3240'