

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-0559993
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR <b>163768 Gothic Energy Corporation</b>		7. UNIT AGREEMENT NAME
3. ADDRESS AND TELEPHONE NO. c/o J. O. Easley, Inc., P. O. Box 245, Artesia, NM 88211-0245 (505) 746-1070		8. FARM OR LEASE NAME, WELL NO. MM Federal #12 <b>21652</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At Surface <b>1310' FSL &amp; 1310' FEL, Unit P</b> At proposed prod. Zone <b>1310' FSL &amp; 1310' FEL, Unit P</b>		9. API WELL NO. <b>30-085-63162</b>
10. FIELD AND POOL OR WILDCAT <b>Pecos Slope Abo 82730</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>31, 9S-26E, N.M.P.M.</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>18 miles northeast of Roswell, NM</b>		12. COUNTY FOR PARISH <b>Chaves</b>
15. DISTANCE FROM PROPOSED * LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. <b>1310'</b> (Also to nearest drlg. unit line, if any)		13. STATE <b>NM</b>
16. NO. OF ACRES IN LEASE <b>1872.48</b>		17. NO. OF ACRES ASSIGNED TO THIS WELL <b>160.00</b>
18. DISTANCE FROM PROPOSED LOCATION * TO NEAREST WELL, DRILLING COMPLETED OR APPLIED FOR, ON THIS LEASE, FT. <b>2100'</b>		20. ROTARY OR CABLE TOOLS <b>Rotary</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>3736'</b>		22. APPROX. DATE WORK WILL START * <b>ASAP</b>
23. PROPOSED CASING AND CEMENTING PROGRAM		
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT
16"	13 3/8"	48#
12 1/4"	8 5/8"	24#
7 7/8"	4 1/2"	10.5#
SETTING DEPTH	QUANTITY OF CEMENT	
40'	Circulate to surface	
900'	500 sxs	
4600'	500 sxs	

Anticipated Duration of Program: Twenty (20) days

See attached for complete Drilling Program

EXHIBITS

Exhibit "A": Drilling Program  
Exhibit "B": Surface Use Plan  
Exhibit "C": Land Survey Plat

Exhibit "D": Location Plat  
Exhibit "E": Existing Well Plat  
Exhibit "F": Rig Layout

Exhibit "G": Blowout Preventer

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 Michael R. Burch TITLE Permit Agent for Gothic Energy Corporation DATE 11-7-97  
Michael R. Burch, CPL

(This space for Federal or State office use)

PERMIT NO. NSL-

APPROVAL DATE 12/17/97

Applicant on 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:

APPROVED BY (ORIG. SGD.) TONY L. FERGUSON TITLE ADM. MINERALS

DATE 12/17/97

\*See Instructions On Reverse Side

HIBIT "C"

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
P.O. Drawer DD, Artesia, NM 86211-0719

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

## OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

DISTRICT IV  
P.O. Box 2088, Santa Fe, NM 87504-2088

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30- 005- 63162	Pool Code 82730	Pool Name Pecos Slope Abo
Property Code	Property Name M M FEDERAL	Well Number 12
OGRID No.	Operator Name GOTHIC ENERGY CORP.	Elevation 3736

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	31	9 S	26 E		1310	SOUTH	1310	EAST	CHAVES

## 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
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

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

LOT 1 39.72 AC.			
LOT 2 39.62 AC.			
LOT 3 39.52 AC.			
LOT 4 39.42 AC.			

3729.4' 3736.7'

3735.3' 3740.6'

1310'

**OPERATOR CERTIFICATION**

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

*Michael R. Burch*  
Signature

Michael R. Burch, CPL  
Printed Name

Agent for Gothic Energy  
Title

11-7-97  
Date

**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 13, 1997  
Date Surveyed

JLP

Signature & Seal of Professional Surveyor

*Ronald J. Edson* 10-14-97

P.O. Num. 97-11-1635

Certificate No. RONALD J. EDSON, 3239  
GARY G. EDSON, 12641



