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BLM  
SELD  
up

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised March 17, 1999

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address Gothic Production Corporation c/o 100 N. Pennsylvania Roswell, NM 88201		<sup>2</sup> OGRID Number 169680
		<sup>3</sup> API Number 30 - 005-63254
<sup>4</sup> Property Code 259/2	<sup>5</sup> Property Name McClellan MOC Fed. Com.	<sup>6</sup> Well No. #22

**Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	28	5S	25E		1310'	South	1650'	East	Chaves

**Proposed 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
<sup>9</sup> Proposed Pool 1 Pecos Slope Abo (82730)						<sup>10</sup> Proposed Pool 2			

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3753'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 4100'	<sup>18</sup> Formation Abo	<sup>19</sup> Contractor	<sup>20</sup> Spud Date ASAP

**Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	40'	To surface	surface
12-1/4"	8-5/8"	24#	900'	To surface	surface
7-7/8"	4-1/2"	10.5#	4100'	450 sxs	3000'

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.  
Describe the blowout prevention program, if any. Use additional sheets if necessary.

Exhibit "A" - C101  
Exhibit "B" - Drilling Program  
Exhibit "C" - BOP Layout

Notify OCD at SPUD & TIME  
to witness cementing the  
8 5/8" casing.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

James L. Schultz

Title:

Agent/Gothic Production Corporation

Date:

5/22/200

Phone:

(505) 626-6879

**OIL CONSERVATION DIVISION**

Approved by:

ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR

Title:

Approval Date:

MAY 24 2000

Expiration Date:

MAY 24 2001

Conditions of Approval:

Attached ☐

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State of New Mexico  
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised March 17, 1999

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code 82730	<sup>3</sup> Pool Name Pecos Slope Abo
<sup>4</sup> Property Code	<sup>4</sup> Property Name McCLELLAN MOC FED COM		<sup>4</sup> Well Number 22
<sup>7</sup> OGRID No.	<sup>5</sup> Operator Name Gothic Production Corporation		<sup>6</sup> Elevation 3753'


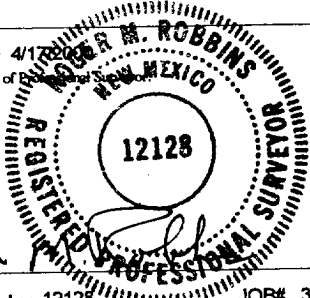
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	28	5S	25E		1310'	SOUTH	1650'	EAST	CHAVES

<sup>11</sup> 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
<sup>12</sup> Dedicated Acres 160.0	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code		<sup>15</sup> 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

16					<b>17 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
					Signature 	
					Printed Name James L. Schultz	
					Title Agent/Gothic Prod. Corp.	
					Date 4/28/00	
					<b>18 SURVEYOR CERTIFICATION</b> 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.	
					Date of Survey 4/17/00	
					Signature and Seal of 	
					Certificate Number 12128 JOB# 300328	

NM-36409

1650'

1310'

FEE

FEE

**EXHIBIT "B"**  
**McClellan MOC Fed. Com. #22**

**DRILLING PROGRAM**

I. The geological surface formation is recent Permian with quaternary alluvium and other surficial deposits.

II. Estimated Tops of Geological Markers:

<u>FORMATION</u>	<u>DEPTH</u>
San Andres	560'
Glorietta	1550'
Tubb	3000'
Abo	3640'
TD	4100'

III. Estimated depths at which water, oil, gas or other mineral-bearing formations are expected to be encountered:

<u>SUBSTANCE</u>	<u>DEPTH</u>
Fresh Water	None anticipated
Oil	None anticipated
Gas	Possible in Abo below 3700'

IV. Proposed Casing Program:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Grade</u>	<u>Weight Per Foot</u>	<u>Depth</u>
17-1/2"	13-3/8"	H-40	48#	40'
12-1/4"	8-5/8"	J-55	24#	900'
7-7/8"	4-1/2"	J-55	10.5#	4100'

**B. Proposed Cement Program:**

13-3/8"	Cement with Ready-Mix and circulate to surface.
8-5/8"	Cement with 350 sxs Halliburton Lite and 200 sxs Class "C" cement. Circulate to surface.
4-1/2"	Cement with 485 sxs Class "C" 50/50 POZ, 2% Gel, 6# SaH, .3% CR2-2, .3% Hallno 4.

**V. Proposed Mud Program:**

The well will be drilled to total depth using fresh water and natural mud to top of Abo @ 3640'. Mud up 100' above Abo with 15 cc water loss and 9.5#/gas mud weight and 35 viscosity mud.

**VI. Proposed Control Equipment:**

Will install Shaffer type E 10" series 900 hydraulic BOP. See Exhibit "G" for BOP layout.

**VII. Auxiliary Equipment:**

Blowout preventor, gas detector, kelly cock, pit level monitor, flow sensors, and stabbing valve.

**VIII. A. Testing Program:**

Drill Stem Tests: If necessary

**B. Logging Program:**

CNL, DLL or GL, CDL or GR

**C. Coring Program:**

None planned

**IX. No abnormal pressures or temperatures are anticipated. In the event abnormal pressures are encountered, however, the proposed mud program will be modified.**

**X. H2S: None anticipated as none encountered in previously drilled wells in the vicinity.**