

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 MARBOB ENERGY CORPORATION PO BOX 227 ARTESIA, NM 88211-0227		<sup>2</sup> OGRID Number 14049
<sup>3</sup> API Number 30-025-20563		
<sup>4</sup> Property Code 30716	<sup>5</sup> Property Name NEW MEXICO "CR" STATE	<sup>6</sup> Well No. 1

<sup>7</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
D	32	19S	32E		660	NORTH	660	WEST	LEA

<sup>8</sup> 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 LUSK; DELAWARE <i>West</i>					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code P	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary ROTARY	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3542' GL
<sup>16</sup> Multiple Y	<sup>17</sup> Proposed Depth 11495'	<sup>18</sup> Formation DELAWARE	<sup>19</sup> Contractor	<sup>20</sup> Spud Date

EXISTING

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
15"	11 3/4"	31.2#	925'	200 SX	0
10 5/8"	8 5/8"	24#	3900'	650 SX	2600'
7 7/8"	4 1/2"	10.6#	11495'	300 SX	10500'

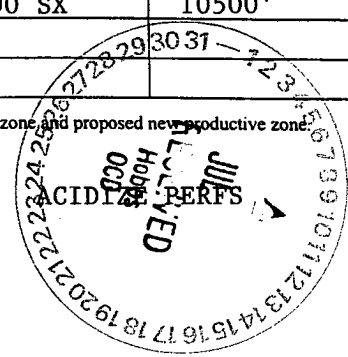
<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.

Describe the blowout prevention program, if any. Use additional sheets if necessary.

PERF THE DELAWARE SAND @ 4548' - 4566' W/ 1 SPF (10) SHOTS).  
@ 4548' - 4566' W/ 750 GAL 7½% NEFE HCL. SWAB TEST.  
(PROCEDURE ATTACHED)

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

*Plug-Back*



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

Signature: *Diana J. Cannon*

Printed name: DIANA J. CANNON

Title: PRODUCTION ANALYST

Date: 7/9/03

Phone: (505) 748-3303

OIL CONSERVATION DIVISION

Approved by: *Paul J. Smith*

Title:

PETROLEUM ENGINEER

Approval Date: JUL 11 2003

Expiration Date:

Conditions of Approval:

Attached ☐

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Federal Lease - 3 copies

State of New Mexico  
Enr Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

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

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
P.O. Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MARBOB ENERGY CORPORATION			Lease New Mexico "CR" State		Well No. 1
Tract Letter D	Section 32	Township 19S	Range 32E	County NMPM	Lea
Actual Footage Location of Well: 660 feet from the North line and 660 feet from the West line Ground level Elev. 3545 Producing Formation DELAWARE Pool LUSK DELAWARE (41500) H15110 Dedicated Acreage: 40 Acres					

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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

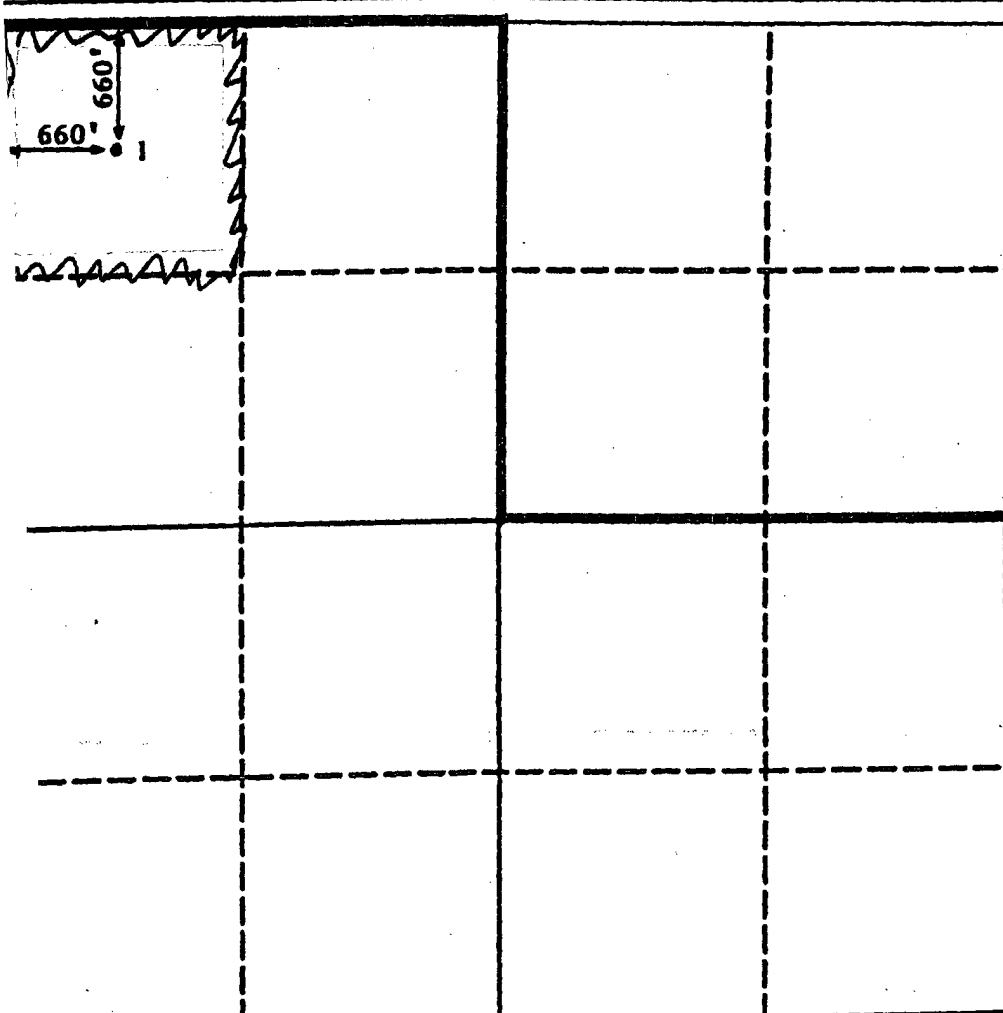
☐ Yes

☐ 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

DIANA J. CANNON

Printed Name

PRODUCTION ANALYST

Position

MARBOB ENERGY CORP

Company

JULY 9, 2003

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 knowledge and belief.

Date Surveyed

Signature & Seal of  
Professional Surveyor

Certificate No.

30 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

New Mexico CR St 1  
660' fnl, 660' fwl  
Sec 32-19s-32e  
Lea Co., NM

7 July 2003

**Workover Procedure—Recompletion**

Objective: This well currently makes 100% water from Bone Spring 9269-9302'. Propose to test Delaware Sand interval 4548-4566'. This zone has decent water saturations but had no show on the nearby Magnum Pronto. Well will be turned over to BCM to plug if unsuccessful.

Well Data: See wellbore sketch.

Procedure:

1. Pull well and lay down rods. Lay down tubing as needed for treating the Delaware.
2. Perf following zone with 1 spf at any phasing using 3-3/8" casing gun.

Zone 1: 4548', 4550', 4552', 4554', 4556', 4558', 4560', 4562', 4564', 4566' (10)

3. Straddle with RBP and packer and acidize with 750 gal NE Fe 7.5% HCl dropping 10 ballsealers throughout job. Swab test for oil show. Be prepared to swab into a drum to get a reliable oil cut and swab rate. If necessary, swab for a couple of days to get a good handle on oil cut and rate.
4. If decision made to frac, will likely frac down tubing at 10 bpm (frac schedule to follow if needed).

Kbc/nm cr st 1a