

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
Revised March 17, 1999

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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

SEP 23 2004

☐ AMENDED REPORT

~~OOD-ARTESIA~~

**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 30-015-32899
<sup>3</sup> Property Code 32598	<sup>3</sup> Property Name BM 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
K	2	18S	27E		2310	SOUTH	2310	WEST	EDDY

<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 RED LAKE; QUEEN GRAYBURG SAN ANDRES (51300)						<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 R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3535' GL
<sup>16</sup> Multiple Y	<sup>17</sup> Proposed Depth 3868'	<sup>18</sup> Formation SAN ANDRES	<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
12 1/4"	8 5/8"	24#	362'	300 SX	0
7 7/8"	5 1/2"	17#	3864'	800 SX	0

<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.

ADD PAY IN THE SAN ANDRES AS FOLLOWS:

SET CIBP @ 3200'. PERF LOWER SAN ANDRES @ 2561' - 2896' (11 SHOTS). PERF UPPER SAN ANDRES @ 2051' - 2438' (24 SHOTS). ACIDIZE LOWER SAN ANDRES @ 2561' - 2896' WITH 1500 GAL NEFE 15% HCL. SWAB TEST. ACIDIZE UPPER SAN ANDRES @ 2051' - 2438' WITH 4000 GAL NEFE 15% HCL. SWAB TEST. FRAC SAN ANDRES DOWN 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: DIANA J. GANNON

Title: PRODUCTION ANALYST

Date:

9/22/04

Phone:

(505) 748-3303

OIL CONSERVATION DIVISION

Approved by:

TIM W. GUM

Title:

DISTRICT II SUPERVISOR

Approval Date:

SEP 27 2004

Expiration Date:

SEP 27 2005

Conditions of Approval:

Attached ☐

Operator to use pressure control device

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

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

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

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

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-32899	Pool Code 51300	Pool Name RED LAKE; QUEEN GRAYBURG SAN ANDRES
Property Code 32598	Property Name BM STATE	Well Number 1
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3535'

Surface Location

UL or lot No. K	Section 2	Township 18-S	Range 27-E	Lot Idn	Feet from the 2310'	North/South line SOUTH	Feet from the 2310'	East/West line WEST	County EDDY
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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
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Dedicated Acres 40	Joint or Infill	Consolidation Code	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

LOT 3	LOT 3	LOT 2	LOT 1
39.59 AC	39.53 AC	39.44 AC	39.38 AC

2310'

2310'

OPERATOR CERTIFICATION	
I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.	
Signature	
DIANA J. CANNON	
Printed Name	
PRODUCTION ANALYST	
Title	
SEPTEMBER 22, 2004	
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.	
July 15, 2003	
Date Surveyed	
A.W.B	
Signature of Professional Surveyor	
RONALD J. EDISON	
03.11.0679	
Certificate No.	
RONALD J. EDISON	
GARY EDISON	
3239	
12641	