

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  
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

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

MARBOB ENERGY CORPORATION PO BOX 227 ARTESIA, NM 88211-0227		OGRID Number 14049	
Property Code 6526		API Number 30-015-34367	
Property Name MOORE STATE		Well No. 4	
Proposed Pool 1 ARTESIA; QUEEN GRBG SAN ANDRES (3230)		Proposed Pool 2	

**Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	34	17S	28E		1650	NORTH	990	EAST	EDDY

**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

**Additional Well Information**

Work Type Code A	Well Type Code O	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3672' GL
Multiple Y	Proposed Depth 4180'	Formation YESO	Contractor	Spud Date 12/26/05
Depth to Groundwater 100'+		Distance from nearest fresh water well 1000'+		Distance from nearest surface water 1000'+
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: _____ Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**EXISTING**

**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#	478'	375 SXG	0
7 7/8"	5 1/2"	17#	4055'	825 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.

RECOMPLETE TO THE SAN ANDRES AS FOLLOWS:

SET CIBP @ APPX. 3000' TO COVER THE YESO. PERF THE SAN ANDRES @ 2393' - 2859' (30 SHOTS).  
ACIDIZE W/ 3000 GAL NEFE 15% HCL. FRAC DOWN CSG W/ 306K# BRADY SAND. SWAB/FLOW TEST.

\*\*\*THE SAN ANDRES WILL BE PUMP TESTED BY ITSELF INITIALLY, THEN COMMINGLED WITH THE  
YESO LATER. APPLICATION FOR DOWNHOLE COMMINGLING FORM C-107A WAS SUBMITTED ON  
2/16/06.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐

Printed name: DIANA J. BRIGGS  
Title: PRODUCTION ANALYST  
E-mail Address: PRODUCTION@MARBOB.COM  
Date: 2/17/06 Phone: (505) 748-3303

**OIL CONSERVATION DIVISION**

Approved by: *Sam W. Burns*  
Title: District II Supervisor

Approval Date: FEB 17 2006 Expiration Date: FEB 17 2007

Conditions of Approval Attached ☐

DISTRICT I  
1626 N. FRENCH DR., HOBBS, NM 88240

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1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised JUNE 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-34367	Pool Code 3230	Pool Name ARTESIA; QUEEN GRBG SAN ANDRES
Property Code 6526	Property Name MOORE STATE	Well Number 4
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3672'

Surface Location

UL or lot No. H	Section 34	Township 17-S	Range 28-E	Lot Idn	Feet from the 1650	North/South line NORTH	Feet from the 990	East/West line EAST	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

	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>[Signature]</i> Signature DIANA J. BRIGGS Printed Name PRODUCTION ANALYST Title FEBRUARY 17, 2006 Date</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>SEPTEMBER 1, 2005 Date Surveyed DEL Signature &amp; Seal of Professional Surveyor GARY J. EDSON NEW MEXICO 85.11.1345 Certificate No. GARY EDSON 12841</p>
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