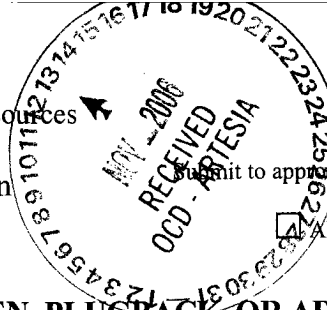


District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

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

Form C-101  
May 27, 2004



APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, OR ADD A ZONE

MARBOB ENERGY CORPORATION PO BOX 227 ARTESIA, NM 88211-0227		14049 30-015-31087	
Property Code 25702	Property Name LP STATE	Well No. 3	
Proposed Pool 1 Artesia; QIV - GB - SA		Proposed Pool 2 Empire; Gates - Seven Rivers	

Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	6	18S	28E		990	SOUTH	330	WEST	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 P	Well Type Code O	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3638'
Multiple N	Proposed Depth 4466'	Formation YESO	Contractor	Spud Date 6/19/00
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
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#	568'	400 SX	0
7 7/8"	5 1/2"	17#	4006'	775 SX	0

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.

MARBOB ENERGY CORPORATION PROPOSES TO PERFORATE, ACIDIZE, TEST & POSSIBLY FRAC THE FOLLOWING PREMIER SAND, PENROSE SAND & SEVEN RIVERS ZONES AS FOLLOWS:

GRAYBURG SAND	CIBP @ 2200'	1852'-2044' (10 SHOTS)	1000 GAL NEFE 7 1/2% HCL
PENROSE SAND	CIBP @ 1700'	1510'-1524' (15 SHOTS)	750 GAL NEFE 7 1/2% HCL
SEVEN RIVERS	PLUG BACK METHOD	661'-697' (10 SHOTS)	1000 GAL NEFE 15% HCL
	TO BE DETERMINED		

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: 11/10/06

Phone: (505) 748-3303

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT  
DISTRICT II GEOLOGIST

Title:

Approval Date: JAN 11 2007 Expiration Date: JAN 11 2008

Conditions of Approval Attached ☐

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., Aztec, 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

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SOIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088



☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31087	Pool Code 3230	Pool Name Artesia; QN-GB-SA
Property Code 25702	Property Name LP STATE	Well Number 3
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3638

Surface Location

UL or lot No. M	Section 6	Township 18 S	Range 28 E	Lot Idn	Feet from the 990	North/South line SOUTH	Feet from the 330	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

	<b>OPERATOR CERTIFICATION</b> <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature DIANA J. BRIGGS Printed Name PRODUCTION ANALYST Title NOVEMBER 10, 2006 Date	
	<b>SURVEYOR CERTIFICATION</b> <i>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.</i> APRIL 10, 2000 Date Surveyed Signature & Seal of Professional Surveyor  RONALD J. EDISON 4/13/06 00-11-0439 Certificate No. RONALD J. EDISON 3239 GARY TIRSON 12641 MAGON Mc DONALD 12185	

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

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

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1000 Rio Brazos Rd., Aztec, NM 87410

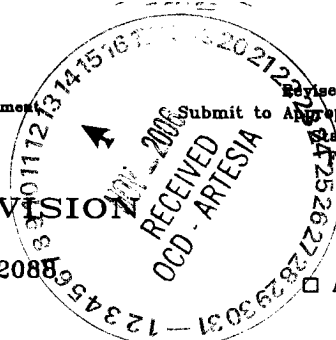
DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

S

CONSERVATION DIVISION

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



Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31087	Pool Code 22230	Pool Name Empire, Yates - Seven Rivers
Property Code 25702	Property Name LP STATE	Well Number 3
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3638

Surface Location

UL or lot No. M	Section 6	Township 18 S	Range 28 E	Lot Idn	Feet from the 990	North/South line SOUTH	Feet from the 330	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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	OPERATOR CERTIFICATION		
	<p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Diana J. Briggs</i> Signature DIANA J. BRIGGS Printed Name PRODUCTION ANALYST Title NOVEMBER 10, 2006 Date</p>		
	SURVEYOR CERTIFICATION		
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