

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
Oil Conservation Division

1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT



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

¹ Operator Name and Address Marbob Energy Corporation PO Box 227 Artesia, NM 88211-0227		² OGRID Number 14049
³ Property Code 36196		⁴ Property Name NOV 21 2007 Man State
⁵ Proposed Pool 1 Atoka		⁶ Well No 1
⁵ Proposed Pool 2 Canyon		¹⁰ Proposed Pool 3 Wolfcamp

⁷ Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	32	18S	28E		1780	South	660	East	Eddy

⁸ 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

¹¹ Work Type Code P	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3528'
¹⁶ Multiple N	¹⁷ Proposed Depth 11100'	¹⁸ Formation Morrow	¹⁹ Contractor	²⁰ Spud Date 5/25/07
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"/>		

²¹ 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#	350'	425 sx	0
12 1/4"	8 5/8"	36#	2780'	1000 sx	0
8 3/4"	5 1/2"	17#	11064'	1550 sx	2950'

²² 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 perforated, acidize & test the Atoka, Canyon & Wolfcamp zones as follows.

Plug back to be determined	Atoka	10122' - 10126' (30 shots)	500 gal NE Fe 7 1/2% HCl Morrow
Plug back to be determined	Canyon	9502' - 9510' (18 shots)	1500 gal NE Fe 15% HCl
Plug back to be determined	Wolfcamp	8730' - 8734' (10 shots)	1000 gal NE Fe 15% HCl

***Note Any zone to be abandoned will be abandoned with a CIBP + 35' cmt set within 50' - 100' of the top perf. Marginally producing zones will be downhole commingled with NMOCD approval. A pkr/RBP, pkr/composite BP and/or pkr/CIBP combination will be used when testing each zone ***

²³ 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 NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OGD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Signature		Approved by: BRYAN G. ARANT	
Printed name Diana J Briggs		Title DISTRICT II GEOLOGIST	
Title Production Analyst		Approval Date NOV 29 2007	Expiration Date NOV 29 2008
E-mail Address production@marbob.com			
Date 11/20/07	Phone (575) 748-3303	Conditions of Approval Attached <input type="checkbox"/>	

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-015-35282	² Pool Code 96049	³ Pool Name Atoka
⁴ Property Code 36196	⁵ Property Name Man State	⁶ Well Number 1
⁷ OGRID No. 14049	⁸ Operator Name Marbob Energy Corporation	⁹ Elevation 3528' GL

¹⁰ Surface Location

UL or lot no. 1	Section 32	Township 18S	Range 28E	Lot Idn	Feet from the 1780	North/South line South	Feet from the 660	East/West line East	County Eddy
--------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	----------------------	------------------------	----------------

¹¹ 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
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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 	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</i> Signature _____ Date 11/20/07 Diana J. Briggs Production Analyst Printed Name
	¹⁸ SURVEYOR CERTIFICATION <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> 11/17/06 Date of Survey Signature and Seal of Professional Surveyor Gary Eidson 12641 Certificate Number

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-35282		² Pool Code 96072		³ Pool Name Canyon	
⁴ Property Code 36196		⁵ Property Name Man State			⁶ Well Number 1
⁷ OGRID No. 14049		⁸ Operator Name Marbob Energy Corporation			⁹ Elevation 3528' GL

¹⁰ Surface Location

UL or lot no. 1	Section 32	Township 18S	Range 28E	Lot Idn	Feet from the 1780	North/South line South	Feet from the 660	East/West line East	County Eddy
--------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	----------------------	------------------------	----------------

¹¹ 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
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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 	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</i> Signature _____ Date 11/20/07 Printed Name _____ Production Analyst
	¹⁸ SURVEYOR CERTIFICATION <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> 11/17/06 Date of Survey _____ Signature and Seal of Professional Surveyor _____ Gary Eidson 12641 Certificate Number _____