

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

APR 18 2008

☐ AMENDED REPORT

OCD-ARTESIA

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 API Number 30 - 015-35536
⁴ Property Code 36450	⁵ Property Name Spanish Cedar State Com	⁶ Well No 1
⁹ Proposed Pool 1 Atoka		¹⁰ Proposed Pool 2 Strawn

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
O	3	24S	27E		720	South	1970	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 3143' GL
¹⁶ Multiple N	¹⁷ Proposed Depth 12640'	¹⁸ Formation Morrow	¹⁹ Contractor	²⁰ Spud Date 8/19/07
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
²¹ Proposed Casing and Cement Program				

Pit Liner: Synthetic ☐ _____ mils thick Clay ☐ Pit Volume _____ bbls Drilling Method _____
Closed-Loop System ☐ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐

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#	538'	450 sx	0
12 1/4"	9 5/8"	36#	2094'	650 sx	0
8 3/4"	7"	23#	9012'	1550 sx	0
6 1/8"	4 1/2"	11.6#	12639'	325 sx	9100' TS

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 perforate acidize & test the following Atoka & Strawn zones as follows

Set CIBP + 35' cmt @ 12000'

Atoka 11410' - 11935' (20 shots)

3500 gal NE Fe 15% HCl

Set CIBP + 35' cmt @ 11375'

Strawn 11004' - 11010' (14 shots)

1500 gal NE Fe 15% HCl

Any zone to be abandoned will be done 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/comp 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 ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Signature

Printed name Diana J Briggs

Title Production Analyst

E-mail Address production@marbob.com

Date 4/16/08

Phone (575) 748-3303

OIL CONSERVATION DIVISION

Approved by

Title

Approval Date 4/23/08

Expiration Date 4/23/10

Conditions of Approval Attached ☐

DISTRICT I
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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 October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
30-015-35536		Atoka
Property Code	Property Name	Well Number
36450	SPANISH CEDAR STATE COM	1
OGRID No.	Operator Name	Elevation
14049	MARBOB ENERGY CORPORATION	3143'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	3	24-S	27-E		720	SOUTH	1970	EAST	EDDY

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
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						
320									

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 4	LOT 3	LOT 2	LOT 1
40.43 AC	40.42 AC	40.42 AC	40.40 AC
GEODETIC COORDINATES NAD 27 NME Y=451515.7 N X=548759.1 E LAT.=32.241235° N LONG.=104.175629° W			
1970'			
720'			

OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Diana J. Briggs Date: 4/16/08

Printed Name: Diana J. Briggs

Production Analyst

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.

DATE SURVEYED: FEBRUARY 2, 2007

Date Surveyed: JR

Signature & Seal of GARY EIDSON
Professional Surveyor

NEW MEXICO
GARY EIDSON
07.11.0064
2/2/07

Certificate No. GARY EIDSON 12841

DISTRICT I

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State of New Mexico

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FEB 09 2007

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-35536	Pool Code	Pool Name Strawn
Property Code 36450	Property Name SPANISH CEDAR STATE COM	Well Number 1
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3143'

Surface Location

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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Bottom Hole Location If Different From Surface

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Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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GEODETIC COORDINATES
NAD 27 NME

Y=451515.7 N
X=548759.1 E

LAT.=32.241235° N
LONG.=104.175629° W

1970'

720'

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[Signature] 4/16/08
Signature Date
Diana J. Briggs
Printed Name
Production Analyst

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FEBRUARY 2, 2007

Date Surveyed JR

[Signature] Seal of Professional Surveyor
GARY EIDSON
NEW MEXICO
2/7/07
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