

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

RECEIVED

Submit to appropriate District Office

APR 26 2006

OCD-ARTESIA

☐ 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		14049 30-015-32472									
Property Code 33128		Property Name PECOS 32 STATE		Well No. 2							
Proposed Pool 1 MCMILLAN; ATOKA (GAS) - 81210			Proposed Pool 2 MCMILLAN; UPPER PENN (GAS) - 81283								
PROPOSED POOL 3: MCMILLAN; WOLFCAMP (GAS) - 81285						PROPOSED POOL 4: MCMILLAN; BONE SPRING					
UL or lot no. C	Section 32	Township 19S	Range 27E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 1650	East/West line WEST	County EDDY		

Proposed Bottom Hole Location If Different From Surface									
UL or lot no. F	Section 32	Township 19S	Range 27E	Lot Idn	Feet from the 2076.5	North/South line NORTH	Feet from the 2301	East/West line WEST	County EDDY

Additional Well Information

Work Type Code P	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3325' GL
Multiple N	Proposed Depth 10870'	Formation MORROW	Contractor	Spud Date 6/2/03
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
17 1/2"	13 3/8"	48#	225'	300 SX	0
12 1/4"	9 5/8"	43.5/53.5#	3010'	600 SX	0
7 7/8"	5 1/2"	17#	10870'	2250 SX	1040'

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 PERF, ACDZ, TEST & POSSIBLY FRAC THE FOLLOWING ZONES:

SET CIBP + 35' CMT @ 10400'

ATOKA 9893-96' (16) 500 GAL CLAY SAFE H

REMAINING PLUG BACK METHODS TO BE DETERMINED BASED ON RESULTS OF PREVIOUS ZONE(S).

PENN 9108-9549' (20) 3000 GAL NEFE 15% HCL

WOLFCAMP 8024-28' (10) 1000 GAL NEFE 15% HCL

3RD BONE SPRING 7456-70' (45) 1000 GAL NEFE 7 1/2% HCL FRAC W/ 240K# 16/30 WHITE SAND

1ST BONE SPRING 5306-20' (45) 1000 GAL NEFE 7 1/2% HCL FRAC W/ 200K# 16/30 WHITE SAND

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: 4/25/06 Phone: (505) 748-3303

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARANT

DISTRICT II GEOLOGIST

Approval Date:

APR 28 2006

Expiration Date: APR 28 2007

Conditions of Approval Attached ☐

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Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-32472		² Pool Code		³ Pool Name Wildcat BONE SPRING	
⁴ Property Code 33128		⁵ Property Name Pecos 32 State			⁶ Well Number 2
⁷ OGRID No. 14049		⁸ Operator Name MARBOB ENERGY CORPORATION			⁹ Elevation 3325

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	32	19S	27E		660	North	1650	West	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
F	32	19S	27E		2076.5	North	2301	West	Eddy

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Diana J. Briggs</i> Signature</p> <p>DIANA J. BRIGGS Printed Name</p> <p>PRODUCTION ANALYST Title</p> <p>APRIL 25, 2006 Date</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</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>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>

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WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-32472		2 Pool Code -----		3 Pool Name C-112 CEN WOLFCAMP (GAS)		
4 Property Code 33128		5 Property Name Pecos 32 State			6 Well Number 2	
7 OGRID No. 14049		8 Operator Name MARBOB ENERGY CORPORATION			9 Elevation 3325	

10 Surface Location

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11 Bottom Hole Location If Different From Surface

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F	32	19S	27E		2076.5	North	2301	West	Eddy

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-32472		Pool Code 81283	Pool Name MCMILLAN; UPPER PENN (GAS)
Property Code 33128	Property Name Pecos 32 State		Well Number 2
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION		Elevation 3325

¹⁰ Surface Location

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	Date of Survey Signature and Seal of Professional Surveyor:	
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⁴ Property Code 33128	⁵ Property Name Pecos 32 State		⁶ Well Number 2
⁷ OGRID No. 14049	⁸ Operator Name MARBOB ENERGY CORPORATION		⁹ Elevation 3325

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