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

Title:

Date:

E-mail Address:

4/25/06

PRODUCTION ANALYST

PRODUCTION@MARBOB.COM

Phone: (505) 748-3303

State of New Mexico Energy Minerals and Natural Resources

May 27, 2004 RECEIVED

Oil Conservation Division 1220 South St. Francis Dr.

APR 2 6 2006

☐ AMENDED REPORT

Submit to appropriate District Office

Expiration Date: APR 2 8 2007

Form C-101

District IV

QCD-ARTESIA Santa Fe. NM 87505 1220 S. St. Francis Dr., Santa Fe, NM 87505 APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE OGRID Number MARBOB ENERGY CORPORA DEOM or Name and Address 14049 PO BOX 227 API Number 30 - 015<u>-324</u> ARTESIA, NM 88211-0227 Well No. Property Name Property Code 33128 PECOS 32 STATE 10 Proposed Pool 2 ⁹ Proposed Pool 1 MCMILLAN: UPPER PENN (GAS) MCMILLAN: ATOKA (GAS) - 81210 - 81283 PROPOSED POOL 3: MCMILLAN; WOLFGAMP (GAS) ace Location PROPOSED POOL 4: MCMILLAN; BONE SPRING Lot Idn Feet from the North/South line Feet from the East/West line UL or lot no Section Township Range County NORTH 1650 WEST **EDDY** C 32 19S 27E 660 ⁸ Proposed Bottom Hole Location If Different From Surface UL or lot no Section Township Range Feet from the North/South line Feet from the East/West line County 32 19S 27E 2076.5 NORTH 2301 WEST **EDDY** F Additional Well Information 14 Lease Type Code 15 Ground Level Elevation 11 Work Type Code 12 Well Type Code 13 Cable/Rotary 3325' GL G R S 16 Multiple 17 Proposed Depth 18 Formation 19 Contractor 20 Spud Date 6/2/03 10870' MORROW N Depth to Groundwater Distance from nearest surface water Distance from nearest fresh water well Liner: Synthetic mils thick Clay Drilling Method: Pit Volume:_ Fresh Water Brine Diesel/Oil-based Gas/Air Closed-Loop System ²¹ Proposed Casing and Cement Program **EXISTING** Hole Size Casing weight/foot Setting Depth Sacks of Cement Casing Size Estimated TOC 17 1/2" 13 3/8" 48# 225 300 SX 0 12 1/4" 9 5/8" 43.5/53.5# 3010 T 600 SX 0 5 1/2" 7 7/8" 1040% 17# 10870 2250 SX 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' 9893-96' (16) ATOKA 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 8024-28' (10) 1000 GAL NEFE 15% HCL WOLFCAMP 3RD BONE SPRING 7456-70' (45)1000 GAL NEFE 7½% HCL FRAC W/ 240K# 16/30 WHITE SAND 1ST BONE SPRING 5306-20' (45)1000 GAL NEFE 73% HCL FRAC W/ 200K# 16/30 WHITE SAND ²³ I hereby certify that the information given above is true and complete to the best OIL CONSERVATION DIVISION of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines , a general permit , or Approved by: an (attached) alternative OCD-approved plan **BRYAN G. ARRANT** DISTRICT II GEOLOGIST Printed name: DIANA J. BRIGGS APR 2 8 2006

Approval Date

Conditions of Approval Attached

1625 N. French Dr., Hobbs, NM 88240

District U

\$11 South First, Artesia, NM 88210

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco

Form C-102 Revised August 15, 2000

Submit to Appropriate District Office

District III State Lease - 4 Copies 1000 Rio Brazos Rd., Aziec, NM 87410 Santa Fe, NM 87505 Fee Lease - 3 Copies District TV 2040 South Pacheco, Santa Fe, NM 87505 AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT API Number ² Pool Code Pool Name 30-015-32472 BONE SPRING Property Code Well Number Pecos 32 State 33128 OGRID No. Operator Name Elevation 3325 14049 MARBOB ENERGY CORPORATION ¹⁰ Surface Location Feet from the North/South line UL or lot no. Section Township Range Lot ldn Feet from the East/West line County C 32 198 27E 660 North 1650 West Eddy 11 Bottom Hole Location If Different From Surface UL or lot no. Lot Idn North/South line Feet from the East/West line Section Township Feet from the County Range 198 27E 2076.5 2301 North Eddy West 12 Dedicated Acres " Joint or Infill ¹⁵ Order No. Consolidation Code 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 OPERATOR CERTIFICATION ereby certify that the information contained herein is true

of my knowledge and belief. -1650'- --Surface Location PRODUCTION ANALYST Title APRIL 25, 2006 __ _ 2301 '__ Bottomhole Location 18 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 of Survey Signature and Seal of Professional Surveyor: Certificate Humber

1625 N. French Dr., Hobbs, NM 88240

State of New Mexico Energy, Minerals & Natural Resources Department Form C-102 Revised August 15, 2000

District II

811 South First, Artesia, NM 88210 District III

1000 Rio Brazos Rd., Aztec, NM 87410 District IV 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 2040 South Pacheco, Santa Fe, NM 87505 WELL LOCATION AND ACREAGE DEDICATION PLAT ¹ API Number Pool Code 30-015-32472 WOLFCAMP (GAS) Cct ⁴ Property Code Well Number Pecos 32 State 33128 Elevation OGRID No. Operator Name 3325 MARBOB ENERGY CORPORATION 14049 ¹⁰ Surface Location East/West line Feet from the North/South line Feet from the County UL or lot no. Lot Idn Section Township Range 27E C 32 198 660 1650 West North Eddy 11 Bottom Hole Location If Different From Surface UL or lot no. Section Township Lot Ida Feet from the North/South line Feet from the East/West line County Range 32 198 27E West 2076.5 North 2301 Eddy ¹³ Joint or Infill 12 Dedicated Acres Consolidation Code ¹⁵ Order No. 320

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION ONTIL ALL INTERESTS THAT BEEN CONSOLIDATED ON A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION									
7 16				17 OPERATOR CERTIFICATION					
1650	2076		U 4	hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.					
	urface 5		-	DIANA J. BRIGGS Prinsed Name					
	! **			PRODUCTION ANALYST					
. 2301 '	#2 Bottomhole			APRIL 25, 2006					
9	Location 1								
				18 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 of Survey					
				Signature and Seal of Professional Surveyor:					
÷									
				Certificate Number					
				<u> </u>					

1625 N. French Dr., Hobbs, NM 88240

State of New Mexico Energy, Minerals & Natural Resources Department Form C-102 Revised August 15, 2000

District II

811 South First, Artesia, NM 88210 District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-015-32472			Pool Code			2 over traine							
Property C		81283 MCMILLAN: UI							N: UPPER PENN (GAS) Well Number				
33128	- 1	Pecos 32 State								2			
OGRID N		· Operator Name								,	Elevation		
14049		MARBOB ENERGY CORPORATION								3325			
¹⁰ Surface Location													
UL or lot no.	Section			Range	Lo	1	rom the	North/South line	Feet from the		t/West line		County
С	32	198	27E			660		North 1650		West	l	Eddy	
				11 Bot	tom	Hole Locat	ion If	Different From	m Surface				
UL or lot no.	Section	Township	Township Range		Range Lot Idn Feet fo		rom the	North/South line	Feet from the	Eas	ıst/West line		County
F	32	198		27E		2076.	5	North	2301	West		Eddy	
12 Dedicated Acres	" Joint	or Infill	14 Con	solidation (Code	is Order No.							
320													-
NO ALLOWA		ILL BE	ASSI NO	GNED T	O TI	HIS COMPLE D UNIT HAS	TION BEEN	UNTIL ALL INT NAPPROVED BY	Y THE DIVISION	N		···	
10	1	•		ĩ	1		1		G .		R CERT		
		660		į į					Lhereby certi				
	. 1			. 20			}		and complete	to the pezilo	f my knowled	ge and belief	.)
1650)			2076.					1 7 // W	NA	アニツィ	LARA	\mathcal{L}
]	Surfa		(2)					Signature			11	
		Locat	ion	-					DI	ANA J.	BRIGG	S	
		·		- i	-				Printed Name				
	ļ			1			1		PR	ODUCTI	ON ANA	LYST	
	1				•		}		Title				
				1			l		AP	RIL 25	, 2006	1	
 2301	L'			o #2	2				Date		<u></u>		
				mhole	1		}						
		LO	cat	1011	-				1801707	TEVOR	CEDT	TETCAT	TANT
	ı				Ī				B .		CERT		
							İ		i i		f actual surve		
					Ī				1	•	the same is t	•	
									best of my b	•	ar selle is t		
									Dest of the o	······································			
					_				Date of Surv	cy			
									Signature an	d Seal of Prof	fessional Surve	eyor:	
		1											
					Ī				A.				
								}					
									77				
9		1							Certificate N	umber			

1625 N. French Dr., Hobbs, NM 88240

State of New Mexico Energy, Minerals & Natural Resources Department Form C-102 Revised August 15, 2000

District II

811 South First, Artesia, NM 88210 District III

District IY

1000 Rio Brazos Rd., Aztec, NM 87410

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

2040 South Pacheco, Santa Fe, NM 87505
WELL LOCATION AND ACREAGE DEDICATION PLAT

_		W	ELL LO	CATION	NAND ACK	EAGE DEDIC	ATION PLA	<u> </u>				
¹ A	PI Number	nber Pool Code Pool Name										
30-015-3	2472	81210 MCMILLAN; ATOKA (GAS)							3)			
⁴ Property C	ode	Property Name								' Well Number		
33128		Pecos 32 State 2										
'OGRID N	o.	. Operator Name 'Elevation										
14049	1	MARBOB ENERGY CORPORATION 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	
С	32	198	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	198	27E		2076.5	North	2301	West		Eddy		
¹² Dedicated Acres 320	is Joint or	r infill	Consolidation	Code L Or	der No.							
L					<u>, , , , , , , , , , , , , , , , , , , </u>							

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

NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION									
16	*			17 OPERATOR CERTIFICATION					
	660			I hereby certify that the information contained herein is true					
	- 20			and complete to the best of my knowledge and belief.					
 -1650 #:				1 lland Drugger					
	ocation i			Signature					
	3 1 1			DIANA J. BRIGGS					
	!			Printed Name					
	1 1			PRODUCTION ANALYST					
	l B								
2301'	#2			APRIL 25, 2006					
	Bottomhole I								
	Location I								
				18SURVEYOR CERTIFICATION					
				I hereby certify that the well location shown on this plat was					
	i C			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.					
	7			bear of my bearing.					
		ř.		Date of Survey					
				Signature and Seal of Professional Surveyor:					
4									
				Certificate Number					
				Camicae runioa					