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 Resolu

Form C-101 May 27, 2004

Oil Conservation Division 1220 South St. Francis Dr Santa Fe. NM 8750

Submit to appropriate District Office APR 1 5 2008

☐ AMENDED REPORT

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

Marbob Energ	gy Corporat	ion	Operator Name	and Address	<sup>2</sup> OGRID Number 14049						
PO Box 227 Artesia, NM		30 – 025-3	3 API Number ————————————————————————————————————								
<sup>3</sup> Prope	rty Code			<sup>3</sup> Property Name					6 Well No		
	25363			Giles State Com					1 -		
9 Proposed Poo	oll (	asso- M	idwey Up	per Penn	West	11 Proposed Pool 3	Wolfcamp	W: 12 CRY			
10 Proposed Pool 2 Permo Penn Penn 12 Proposed Pool 4 Porting of the Proposed Pool 4 Pool 4 Porting of the Proposed Pool 4 Poo							<b>.</b>				
<sup>7</sup> Surface Location											
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		

I	15	17S	35E		1900	South	660	East	Lea			
	<sup>8</sup> 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											

		aditional wen informa	HOH		
Work Type Code	12 Well Type Code G	<sup>13</sup> Cable/Rotary R	14 Lease Type Code S	15 Ground Level Elevation 3938' GL	
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 12627'	<sup>18</sup> Formation Atoka	<sup>19</sup> Contractor .	<sup>20</sup> Spud Date 5/30/00	
Depth to Groundwater	Distan	ce from nearest fresh water well	Distance from near	est surface water	
Pit Liner. Synthetic 🗌	mils thick Clay  Pit	Volumebbls	Drilling Method		
Closed-Loop System			Fresh Water Brine Diesel/On	l-based Gas/Air	
	21 p	10 ' 10	, D		

<sup>21</sup> 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#	440'	445 sx	0
12 1/4"	8 5/8"	24#	4920'	1675 sx	0
7 7/8"	5 1/2"	17#	12626'	2100 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 zones until commercial production is established

CIBP + cmt set @ 12100'

Cisco 11264' - 11268' (10 shots) Cisco

1000 gal NE Fe 7 1/2" HCl 11062' - 11066' (10 shots) 1000 gal NE Fe 7 1/2" HCl

Set CIBP + cmt within 50' - 100' of the top perforation.

Permo Penn 10685' - 10695' Permo Penn 10350' - 10550' Wolfcamp 9628' - 9640' Blinebry 7485' - 7545'

Permit Expires 2 Years From Approval Date Unless Drilling Underway

\*\*\*Any zone to be abandoned will be done with a CIBP + 35 cmt set within 50' – 100' of the top perforation 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.\*\*\*

<sup>23</sup> 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
an (attached) alternative OCD-approved plan

OIL CONSERVATION DIVISION

Approved by.

Signature Printed name

Title OC DESTRICT SUPERVISOR/GENERAL MANAGES

Title Production Analyst

Approval Date

E-mail Address production@marbob com

Oil Conservation Division

Date. 4/14/08 Phone (575) 748-3303

Diana J. Brigg

Conditions of approval: Approval for drilling/workover ONLY--- CANNOT produce Downhole Commingled until DHC is approved in Santa Fe.

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u>

1301 W. Grand Avenue, Artesia, NM 88210

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<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

> <sup>1</sup> API Number 30-025-34939

<sup>4</sup> Property Code

25363

<sup>7</sup>OGRID No.

14049

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION

<sup>2</sup> Pool Code

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

<sup>5</sup> Property Name

Giles State Com

8 Operator Name

**Marbob Energy Corporation** 

Form C-102 Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Well Number

Elevation

3938' GL

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

	•	-		•	<sup>10</sup> Surface	Location			
UL or lot no. I	Section 15	Township 17S	Range 35E	Lot ldn	Feet from the 1900	North/South lin South	Feet from the 660	East/West line East	County Lea
	1		II Bo	ttom Ho	le Location I	f Different F	From Surface		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South		East/West line	County
12 Dedicated Acre	s 13 Joint o	r Infill	Consolidation	Code 15 Or	der No.				
No allowable division.	will be ass	signed to th	nis complet	ion until a	Il interests have	been consolida	ated or a non-standa	ard unit has been ap	proved by the
16		EC APR OBE	EW 1 5 2008 3 S				I hereby cert to the best of owns a work the proposed location pur interest, or to		ed herem is true and complet hat this organization either interest in the land including ight to drill this well at this r of such a mineral or worki
						Noo'	l hereby plat was plat was made by same is to	VEYOR CERT certify that the well loca plotted from field notes me or under my supervi rue and correct to the be rvey nd Seal of Professional Sur	ation shown on this of actual surveys ssion, and that the est of my belief.
							Certificate	Number	

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410
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1220 S. St. Francis Dr., Santa Fe, NM 87505

<sup>13</sup> Joint or Infill

12 Dedicated Acres

320

## 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

☐ AMENDED REPORT

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

			ELL LC	)CATIO	N AND ACR	EAGE DEDIC	CATION PLA	$\Gamma$			
1.	API Numbe	r ,	.	<sup>2</sup> Pool Code	e l	<sup>3</sup> Pool Name					
3	10-025-34939						Permo Pe	enn			
4 Property	Code				5 Property 1	Property Name 6 Well Numb					
25363			Giles State Com						1		
<sup>7</sup> OGRID	No.		<sup>8</sup> Operator Name .						<sup>9</sup> Elevation		
14049		Marbob Energy Corporation						3938' GL			
					<sup>10</sup> Surface	Location		1			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
I	15	17S	35E		1900	South	660	East Lea			
		1	11 Bo	ottom Ho	le Location I	f Different Fron	n Surface				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
		1									

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.

15 Order No.

<sup>4</sup> Consolidation Code

16				· · · · · · · · · · · · · · · · · · ·	17 OPERATOR CERTIFICATION
					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
	ACT AR ACT AC				owns a working interest or unleased mineral interest in the land including
	ENED				the proposed bottom hole location or has a right to drill this well at this
a America	A SECTION OF SECTION O				location pursuant to a contract with an owner of such a mineral or working
				ĺ	interest, or to a voluntary pooling agreement or a compulsory pooling
APR	1 5 2009			,	order heretofole entered by the division
	BS OCL				A/14/08  Signature  Diana J Briggs  Printed Name  A/14/08  Production Analyst
	1 1		- /		1
		<b>1</b>		uso.	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
				X.	Date of Survey
					Signature and Seal of Professional Surveyor
			1000.		
	<del>\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ </del>				Certificate Number

District I 1625 N. French Dr., Hobbs, NM 88240

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State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

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1220 S. St. Francis	Dr., Santa l	Fe, NM 875	05					☐ AMI	ENDED REPORT	
			WELL LO	CATIO	N AND ACR	EAGE DEDIC	ATION PLA	T		
	API Numbe 0-025-34939	r		<sup>2</sup> Pool Cod		Wildcat Wolfcamp				
<sup>4</sup> Property 6 25363	Cite State Com						6	Well Number		
<sup>7</sup> OGRID 1 14049	<sup>7</sup> OGRID No.  14049  **Operator Name Marbob Energy Corporation							<sup>9</sup> Elevation 3938' GL		
					<sup>10</sup> Surface	Location				
UL or lot no. I	Section 15	Townshi 17S	p Range 35E	Let Idn	Feet from the 1900	North/South line South	Feet from the 660	East/West line East	County Lea	
			11 Bo	ottom Ho	le Location If	f Different Fron	1 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	13 Joint o	r Infill	<sup>4</sup> Consolidation	Code 15 Or	rder No.	<u></u> L				

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
				OPERATOR CERTIFICATION
		and the second second		I hereby certify that the information contained herem is true and complete
	OEC	eved		to the best of my knowledge and belief, and that this organization either
	MEV			owns a working interest or unleased mineral interest in the land including
	<b></b>			the proposed bottom hole location or has a right to drill this well at this
	400	e = 0000		location pursuant to a contract with an owner of such a mineral or working
	APK	1 5 2008		interest, or to a voluntary pooling agreement or a compulsory pooling
	0 0 0	W ROLL BY		order heretofore entered by the division
	HOB	BO UUL		Signature Date
1				Diana J Briggs Production Analyst Printed Name
				Frinted Name
		1 1	1	lled in the condition of the condition o
			,	18SURVEYOR CERTIFICATION
			<b>}</b> -	I hereby certify that the well location shown on this
k			N	plat was plotted from field notes of actual surveys
			660	made by me or under my supervision, and that the
				same is true and correct to the best of my belief
K 1			1	Y
·			'	-
·				· Date of Survey
<b>D</b> '				Signature and Seal of Professional Surveyor
ľ			1000,	<u> </u> }
'				ļ,
Λ.				<u> </u>
				[:
				Certificate Number
	<del>\</del>			

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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

	API Numbei 0-025-34939			<sup>2</sup> Pool Code		17-	<sup>3</sup> Pool Na	me Alan	41 0 1	
	—			47D7		Vacu	2m Billeur	y EF	theast	
<sup>4</sup> Property (	Code				<sup>5</sup> Property !	Name			<sup>6</sup> Well Number	
25363					Giles State	Com			1	
7 OGRID	No.		8 Operator Name							
14049			Marbob Energy Corporation							
					<sup>10</sup> Surface	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
I	15	178	35E		1900	South	660	East	Lea	
•		<b>-</b>	11 Bo	ttom Hol	e Location I	Different Fron	n Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West	line County	
m -	Lo			1,7						
12 Dedicated Acres	Joint or	r Infill   14 Co	nsolidation	Code 15 Ord	ler No.					
320	<b>2</b>									

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