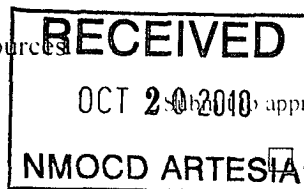


District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505



Form C-101
June 16, 2008

Submit to appropriate District Office
AMENDED REPORT

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

Operator Name and Address Marbob Energy Corporation PO Box 227 Artesia, NM 88211-0227		COG OPERATING LLC	OGRID Number 4049 229137
Property Code 308766 37003	Property Name Munnynthabank State	Well No. 1H	API Number 30 - 015-36130
Proposed Pool 1 SULLYHATE DRAW, Delaware		Proposed Pool 2	

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
H	34	24S	27E		2279	North	330	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
A	34	24S	27E		337	North	398	East	Eddy

Additional Well Information

Work Type Code P	Well Type Code O	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3184' GL
Multiple N	Proposed Depth 10055'	Formation Bone Spring	Contractor	Spud Date 12/9/08

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" existing	54.5#	369'	450 sx	0
12 1/4"	9 5/8" existing	36#	2328'	750 sx	0
7 7/8"	5 1/2" existing	17#	10044'	1325 sx	2000' 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 & possibly frac the following Delaware zones:

Set CBP (if planning to commingle Bone Spring & Delaware) or CIBP + 35' cmt (if abandoning Bone Spring) within 50' of top Bone Spring perf.

Delaware 1	5664' - 5670' (21 shots)	750 gal NE Fe 7 1/2% HCl acid
Delaware 2	5036' - 5040' (15 shots)	500 gal NE Fe 7 1/2% HCl acid

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 NMOCID approval. DHC application will be submitted if decision is made to produce from more than one zone. A pkr/RBP, pkr/CBP 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.

Signature:

Printed name: Diana J. Briggs

Title: Production Manager

E-mail Address: dbriggs@marbob.com

Date: June 1, 2010

Phone: (575) 748-3303

OIL CONSERVATION DIVISION

Approved by:

Title: DIST II SUPERVISOR

Approval Date: 11/18/2010

Expiration Date:

Conditions of Approval Attached ☐

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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

RECEIVED

OCT 20 2010

NMOCD ARTESIA

Form C-102

Revised October 15, 2009

Submit one copy to appropriate

District Office

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

¹ API Number 30-015-36130	² Pool Code 52850	³ Pool Name GULPHATE DRAW, Delaware
⁴ Property Code 37003	⁵ Property Name Munnynthabank State	
⁷ OGRID No. 14049	⁸ Operator Name Marbob Energy Corporation	
		⁶ Well Number 1H
		⁹ Elevation 3184'

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
H	34	24S	27E		2279	North	330	East	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
A	34	24S	27E		330	North	430	East	Eddy

¹² Dedicated Acres 80	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.

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 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. Signature: <u>Diana J. Briggs</u> Date: <u>June 1, 2010</u> Printed Name: <u>Diana J. Briggs</u> Title: <u>Production Manager</u>
		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. January 21, 2008 Date of Survey: _____ Signature and Seal of Professional Surveyor: _____ REFER TO ORIGINAL PLAT Gary Edson 12641 Certificate Number: _____