

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

AUG 03 2007

Submit to appropriate District Office
OCD-ARTESIA ☐ AMENDED REPORT

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 88211-0224		² OGRID Number 14049 ³ API Number 30 - 015-32998
⁴ Property Code 32868	⁵ Property Name Hint 15 State	⁶ Well No 1
⁹ Proposed Pool 1 STRAWN		¹⁰ 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
E	15	19S	28E		1650	North	990	West	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 O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3503' GL
¹⁶ Multiple Y	¹⁷ Proposed Depth 11480'	¹⁸ Formation Morrow	¹⁹ Contractor	²⁰ Spud Date 12/13/03
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"/>				

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#	400'	500 sx	220'
12 1/4"	9 5/8"	36#	2515'	1000 sx	0
8 3/4"	5 1/2"	17#	11480'	870 sx	8500'

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 Strawn zone as follows:

Clean out hole to 10275'. Perf the Strawn @ 9838' - 10233' (25 shots) Acid w/ 7500 gal NE Fe 15% HCl acid Swab/flow test

Decision might be made to downhole commingle the Strawn with the Upper Penn and Wolfcamp zones. Form C-107A will be submitted for approval prior to downhole commingling.

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 NMOC 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: 7/31/07

Phone: (505) 748-3303

OIL CONSERVATION DIVISION

Approved by

BRYAN G. ARRANT

Title:

DISTRICT II GEOLOGIST

Approval Date: AUG 04 2007

Expiration Date: AUG 04 2008

Conditions of Approval Attached ☐

Well: Hint 15 St. 1

Zero: 18' AGL

KB : 3521'

GL: 3503'

Location: 1650' N, 970' W

E-15-196-28a

Eld. Wm

Casing Program:

Casing Size	Wt.	Grade	Conn.	Depth
13 3/8	48	H40	SK	4120'
9 5/8	36	J55	SK	2508'
5 1/2	17	M75-H10	LTC	11480'
2 3/8	4.7	L80	FLC	

TDC 2-20-15

1338' @ 400'

500' 2"

+540 sy down 1"

99 1/8" @ 2508'

800 HLC + 200 "C" (size 7/8")

TOC 8500' TG

8751-9030' (12)

Wolfcamp

9564-9773' (12)

Coyne

右 9838-10233' (25)

Given on

10409-13' (52)

4-11Ka

10810'

News

10732-10736 (137) Szard

Arrow

11048-1155' (192)

15. 0 11:00'

870 1/4 H

11920

— Circle Math Grade —

WR-1110 122 Jc 14

13-02	50 SHEETS FIVE EASEL	5 SQUARE
42-381	100 SHEETS EASEL	5 SQUARE
42-382	200 SHEETS EASEL	5 SQUARE
42-383	100 RECYCLED WHITE	5 SQUARE
42-384	200 RECYCLED WHITE	5 SQUARE

ပုသိမ်၊ ယူဂျန်းစတီရှင်းလမ်း

101 = 19171' CIP front 19375
102 = 19160' CIP front 19150'

Rtr. 10925'
 CIB. 2. 1040'

FC 11437'

Well: Ant 15 Sh. 1

Zero: 18' 45"

KB : 3521'

GL: 3503'

Location: 160' N, 90' W

E-15-173-80

Eliz. A. A.

Casing Program:

Size	Wt.	Grade	Conn.	Depth
13 3/8	48	H40	SE	400'
9 5/8	36	J55	SE	2528'
5 1/2	17	H40-10	WLC	11460'
2 3/8	4.7	L80	End	

1741

42-389	200 SUELFIS EYE-EASI [®] 5 SQUARE
42-392	100 RECYCLED WHITE 5 SQUARE
42-399	200 RECYCLED WHITE 5 SQUARE

മുഖ്യമന്ത്രിമാർക്ക്

8 3/4 "

COPY TO:
TO THE
Clerk of Court

Place of
Child's name

- 155 -

TOC 3-20' 16

13 1/2 @ 400'

5000

+540 g. d. ... 1"

95' 18" 2508'

800 HLC + 200' C¹¹ (C₁₀ = 75%)

TOC 8500 TS

8751-9020' (12)

Wolfen

954-773' 120

591

12, 17, 13

10312

107-1972-1-11 Sold

11046-11050 (174)

C. H. B. A.

1400 1

— Skate in Mat To Grade. —

KR: 11.06 / 2.4 Jc: 11

BEFORE

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-32998	Pool Code ---	Pool Name TRAWN (GAS)
Property Code 32868	Property Name HINT 15 STATE	Well Number 1
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3503'

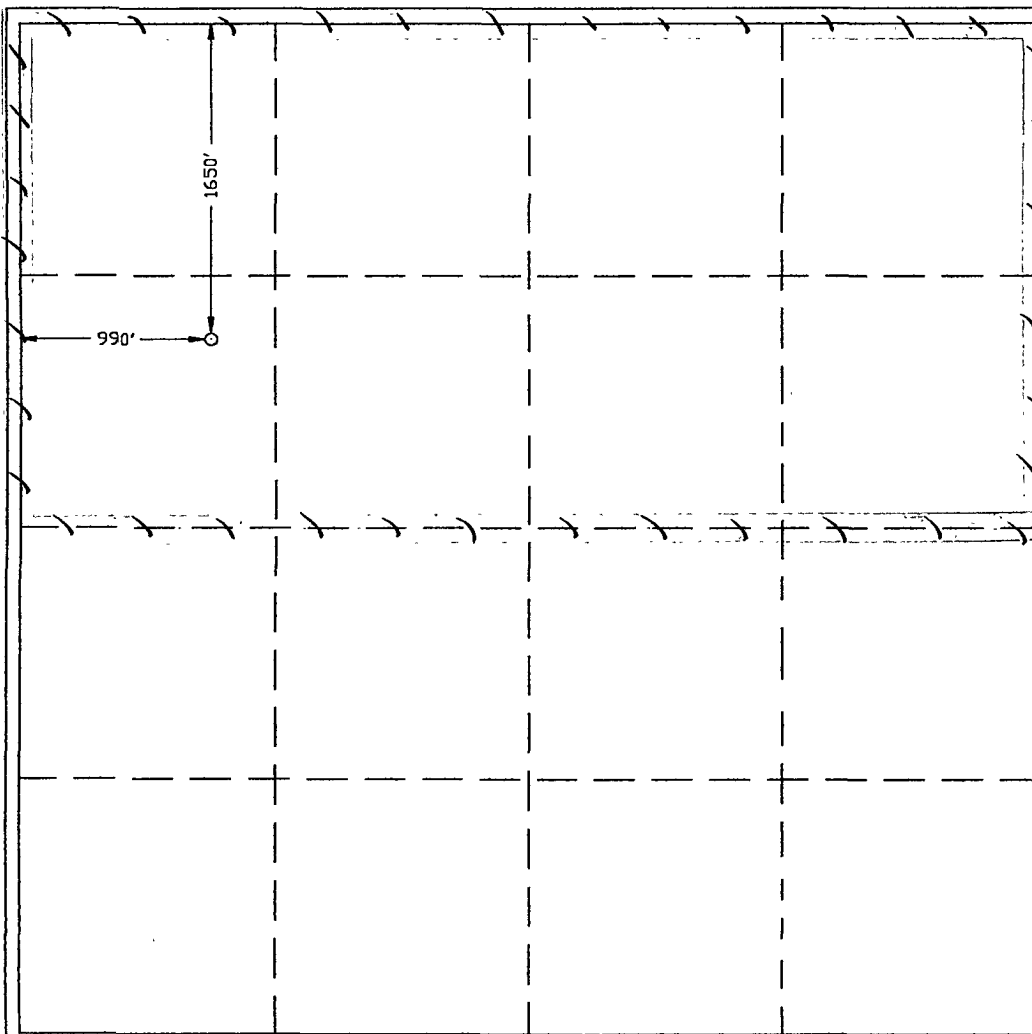
Surface Location


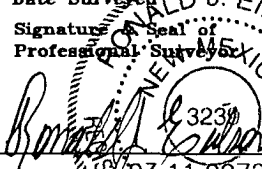
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	15	19-S	28-E		1650'	NORTH	990'	WEST	EDDY

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 320		Joint or Infill	Consolidation Code		Order No.				

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	
I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.	
	
Signature	
DIANA J. BRIGGS	
Printed Name	
PRODUCTION ANALYST	
Title	
JULY 31, 2007	
Date	
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.	
July 10, 2003	
Date Surveyed	
	
Signature	
Professional Surveyor	
3239	
12641	
Certificate No.	

Arrant, Bryan, EMNRD

From: Arrant, Bryan, EMNRD
Sent: Saturday, August 04, 2007 10:35 AM
To: 'Production@marbob.com'
Subject: Hint 15 State #1

Hi Diana,

I need to get from you an updated C-102 that is available on our web site: <http://www.emnrd.state.nm.us/ocd>

You only need to send in 1 form.

Also, can I get you to resubmit the well bore diagrams???

They are somewhat 'washed out' and may not copy well into scanning.

The Fadeaway Ridge; Strawn Gas Pool is in 27-18S-28E

Thanks,

Bryan G. Arrant

District II Geologist

New Mexico Oil Conservation Division

1301 West Grand Ave.

Artesia, NM 88210

505-748-1283 Ext. 103

8/4/2007