# State of New Mexico

Form C-101 Permit 69796

# **Energy, Minerals and Natural Resources**

# Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

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

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	1. Operator Name and Address	2. OGRID Number		
	MARBOB ENERGY CORP	14049 3. API Number		
	PO Box 227 Artesia , NM 88211			
	Altesia, MM 00211	30-015-36101		
4. Property Code	5. Property Name	6. Well No.		
36608	ALMOSTGON STATE	002		

### 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	6	24S	27E	N	660	S	1980	W	EDDY

## 8. Pool Information

CARLSBAD;MORROW, SOUTH (PRO GAS)

73960

## **Additional Well Information**

	9. Work Type New Well	10. We	11 Type AS	11. Cable/Rotary			12. Lease Type State	13. Ground Level Elevation 3238
	14. Moultiple N	15. Prop	osed Depth	16. Formation Morrow			17. Contractor	18. Spud Date 3/18/2008
	Depth to Ground water 250			Distance from nearest fresh water well				Distance to nearest surface water
Pit:	Liner: Synthetic Closed Loop System	×	mils thick	Clay	Pit Volume:		lling Method: sh Water Brine	Diesel/Oil-based Gas/Air

19. Proposed Casing and Cement Program

					-	
Туре	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.75	48	400	400	0
Int1	12.25	9.625	36	1900	400	0
Int2	8.75	7	23	9100	850	1700
Prod	6.125	4.5	11.6	12500	200	8900

## Casing/Cement Program: Additional Comments

We propose to drill 17 1/2 inch hole to 400 ft with fresh water, run 48 lb H-40 13 3/8 inch csg and set at 400 ft with 400 sx cmt, circ to surface; drl 12 1/4 inch hole to 1900 ft with brine water, run 36 lb J-55 9 5/8 inch csg and set at 1900 ft with 400 sx cmt, circ to surface; drl 8 3/4 inch hole to 9100 ft with cut brine water, run 7 inch 23 lb N80-P110 csg and set at 9100 ft with 850 sx cmt, TOC 1700'; drl 6 1/8 inch hole to 12500 ft with cut brine water, run 4 1/2 inch 11.6 lb P110 csg and set at 12500 ft with 200 sx cmt, TOC 8900'.

Proposed Blowout Prevention Program

Š	Туре	Working Pressure	Test Pressure	Manufacturer		
	DoubleRam	5000	5000	Cameron		

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	OIL CONSERVATION DIVISION				
NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .	Approved By: Bryan Arrant				
Printed Name: Electronically filed by Diana Briggs	Title: Geologist				
Title: Production Analyst	Approved Date: 2/20/2008 Expiration Date: 2/20/2010				
Email Address: production@marbob.com					
Date: 2/18/2008 Phone: 505-748-3303	Conditions of Approval Attached				

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210 Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

# State of New Mexico

Form C-102 Permit 69796

# Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.

Santa Fe, NM 87505

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

1.7.7.1					
1. API Number	2. Pool Code	3. P	. Pool Name		
30-015-36101	73960	CARLSBAD;MORR	MORROW, SOUTH (PRO GAS)		
4. Property Code	5. Prop	erty Name	6. Well No.		
36608	ALMOST(	GON STATE	002		
7. OGRID No.	8. Oper	ator Name	9. Elevation		
14049	MARBOB E	MARBOB ENERGY CORP 3238			

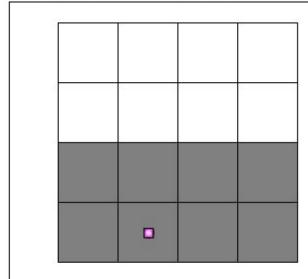
### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	]
N	6	24S	27E	N	660	S	1980	w	EDDY	l

### 11. Bottom Hole Location If Different From Surface

UL - Lot	Section	To	Township Ran		Lot	Lot Idm Feet From N/S Lin		ine	Feet From	E/W Line	County
100000000000000000000000000000000000000	Dedicated Acres 13. Joint or Infill 313.69			14	. Consolidation (	Code			15. 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 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(s) 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.

E-Signed By: Diana Briggs Title: Production Analyst

Date: 2/18/2008

### 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.

Surveyed By: Ronald Eidson Date of Survey: 2/8/2008 Certificate Number: 3239

# **Permit Comments**

Operator: MARBOB ENERGY CORP , 14049
Well: ALMOSTGON STATE #002

API: 30-015-36101

Created By	Comment	Comment Date
MARBOB4	We plan to complete this well in the Morrow which is sweet and we don't anticipate cutting any formations that contain H2S gas diring the drilling of the above referenced well. Therefore, we do not believe that an H2S contingency plan is necessary.	2/18/2008
MARBOB4	Marbob will be using a closed mud loop system with fresh water pits.	2/18/2008

# Permit Conditions of Approval

Operator: MARBOB ENERGY CORP , 14049
Well: ALMOSTGON STATE #002

30-015-36101 API:

OCD Reviewer	Condition
BArrant	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
BArrant	Operator must use fresh water mud when drilling surface hole.
BArrant	Please notify the OCD of time of spud and time to witness the cementing of all casingg strings.