

State of New Mexico
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

1. Operator Name and Address MARBOB ENERGY CORP PO BOX 227 ARTESIA, NM 882110227		2. OGRID Number 14049
4. Property Code 37735		3. API Number 30-015-37142
5. Property Name MYOX 33 STATE COM		6. Well No. 009

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	33	25S	28E	M	330	S	430	W	EDDY

8. Pool Information

DELAWARE RIVER, BONE SPRING	16800
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 2995
14. Multiple N	15. Proposed Depth 11300	16. Formation Bone Spring	17. Contractor	18. Spud Date 7/26/2009
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mls thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	400	400	0
Int1	12.25	9.625	36	2400	550	0
Int2	8.75	5.5	17	9300	1100	2400
Prod	7.875	5.5	17	11300	1100	2400

Casing/Cement Program: Additional Comments

Drill 17.5 inch hole to 400 feet with fresh water, run 13.375 inch 48 lb. H-40 casing, TOC 0. Drill 12.25 inch hole to 2400 feet with brine water, run 9.625 inch 36 lb. J-55 casing, TOC 0. 8.75 inch pilot hole to 9300 feet plug back to 6100 feet and drill lateral to BHL at 6600 TVD. Drill 7.875 inch hole to 11,300 feet with cut brine, run 5.5 inch 17 lb N80 casing, TOC 2400.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	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 NMOCD guidelines ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

Printed Name: Electronically filed by Diana Briggs

Title: Production Manager

Email Address: production@marbob.com

Date: 6/26/2009 Phone: 575-748-3303

OIL CONSERVATION DIVISION

Approved By: Jacqueta Reeves

Title: District Geologist

Approved Date: 6/29/2009 Expiration Date: 6/29/2011

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

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Santa Fe, NM 87505

Form C-102
 Permit 98126

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-37142	2. Pool Code 16800	3. Pool Name DELAWARE RIVER;BONE SPRING
4. Property Code 37735	5. Property Name MYOX 33 STATE COM	6. Well No. 009
7. OGRID No. 14049	8. Operator Name MARBOB ENERGY CORP	9. Elevation 2995

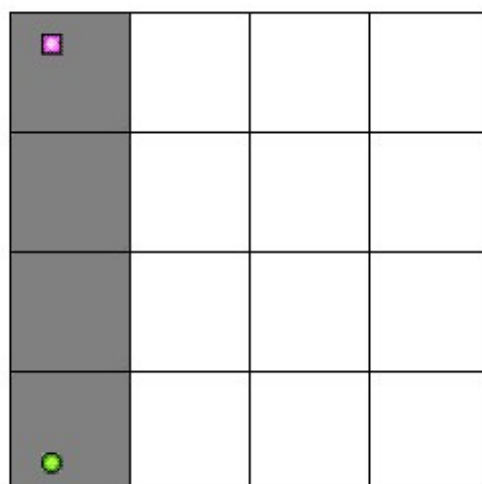
10. Surface Location

UL - Lot M	Section 33	Township 25S	Range 28E	Lot Idn	Feet From 330	N/S Line S	Feet From 430	E/W Line W	County EDDY
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11. Bottom Hole Location If Different From Surface

UL - Lot D	Section 33	Township 25S	Range 28E	Lot Idn D	Feet From 330	N/S Line N	Feet From 430	E/W Line W	County EDDY
12. Dedicated Acres 160.00		13. Joint or Infill		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 Manager
 Date: 6/26/2009

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: Gary Eidson
 Date of Survey: 6/22/2009
 Certificate Number: 12641

Permit Comments

Operator: MARBOB ENERGY CORP , 14049

Well: MYOX 33 STATE COM #009

API: 30-015-37142

Created By	Comment	Comment Date
MARBOB4	Marbob Energy has conducted a review to determine if an H2S contingency plan is required for the above referenced well. We were able to conclude that any potential hazardous volume would be minimal. H2S concentrations of wells in this area from surface to TD are low enough; therefore we do not believe that an H2S Contingency Plan would be necessary.	6/26/2009