

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 88211-0227		2. OGRID Number 14049
		3. API Number 30-015-34397
4. Property Code 35199	5. Property Name MONGO STATE COM	6. Well No. 001

7. Surface Location

UL - Lot I	Section 1	Township 19S	Range 27E	Lot Idn I	Feet From 1980	N/S Line S	Feet From 660	E/W Line E	County EDDY
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8. Pool Information

ANGEL RANCH,ATOKA-MORROW (GAS)	70310
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Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3524
14. Multiple N	15. Proposed Depth 11100	16. Formation Morrow	17. Contractor	18. Spud Date 12/1/2005
Depth to Ground water 150		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 miles thick Clay <input type="checkbox"/> Pit Volume: 3000 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 checked="" 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	300	300	0
Int1	12.25	9.625	36	2100	500	0
Prod	8.75	5.5	17	11100	600	

Casing/Cement Program: Additional Comments

We propose to drill 17 1/2 inch hole to 300 ft with fresh water, run 13 3/8 inch 48 lb H-40 csg and set at 300 ft with 300 sx cmt, circ to surface; drl 12 1/4 inch hole to 2100 ft with brine water, run 9 5/8 inch 36 lb J-55 csg and set at 2100 ft with 500 sx cmt, circ to surface; drl 8 3/4 inch hole to 11100 ft with cut brine water, run 5 1/2 inch 17 lb S-95/P110 csg and set at 11100 ft with 600 sx cmt, TOC to be 500 ft above all oil and gas bearing zones.

Proposed Blowout Prevention Program

Type	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 NM OCD guidelines ☐ a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

Printed Name: Electronically filed by Diana Briggs

Title: Production Analyst

Email Address: production@marbob.com

Date: 10/27/2005

Phone: 505-748-3303

OIL CONSERVATION DIVISION

Approved By: Bryan Arrant

Title: Geologist

Approved Date: 10/28/2005

Expiration Date: 10/28/2006

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

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Form C-102
Permit 17480

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-34397	2. Pool Code 70310	3. Pool Name ANGEL RANCH,ATOKA-MORROW (GAS)
4. Property Code 35199	5. Property Name MONGO STATE COM	6. Well No. 001
7. OGRID No. 14049	8. Operator Name MARBOB ENERGY CORP	9. Elevation 3524

10. Surface Location

UL - Lot I	Section 1	Township 19S	Range 27E	Lot Idn	Feet From 1980	N/S Line S	Feet From 660	E/W Line E	County EDDY
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 319.60	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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> E-Signed By: Diana Briggs Title: Production Analyst Date: 10/27/2005
	SURVEYOR CERTIFICATION <i>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.</i> Surveyed By: Ronald Eidson Date of Survey: 10/18/2005 Certificate Number: 3239

Permit Conditions of Approval

Operator: MARBOB ENERGY CORP , 14049

Well: MONGO STATE COM #001

API: 30-015-34397

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	As describe in proposed casing and cementing program, cement is to cover all oil, gas and water bearing zones.
BArrant	Operator to submit a h2s contingency plan per conditions of NMOC Rule 118 or a letter of statement that such a contingency plan is not required under rule.