

**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		2. OGRID Number 14049
		3. API Number 30-015-36286
4. Property Code 37129	5. Property Name BIRD'S EYE STATE COM	6. Well No. 001

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	32	19S	31E	H	1980	N	660	E	EDDY

**8. Pool Information**

LUSK MORROW,NO.(GAS)(CONSOLIDATED)*	80809
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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 3461
14. Multiple N	15. Proposed Depth	16. Formation Morrow	17. Contractor	18. Spud Date 5/22/2008
Depth to Ground water 250		Distance from nearest fresh water well		Distance to nearest surface water
<b>Pit:</b> Liner: Synthetic <input type="checkbox"/> mils thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Closed Loop System <input checked="" type="checkbox"/> Fresh Water <input 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	54.5	625	625	0
Int1	12.25	9.625	36	3850	750	0
Prod	7.875	5.5	17	12700	600	500

**Casing/Cement Program: Additional Comments**

We propose to drill 17 1/2 inch hole to 625 ft with fresh water, run 54.5 lb J-55 13 3/8 inch csg and set at 625 ft with 625 sx cmt, circ to surface; dnl 12 1/4 inch hole to 3850 ft with brine water, run 36 lb J-55 9 5/8 inch csg and set at 3850 ft with 750 sx cmt, circ to surface; dnl 7 7/8 inch hole to 12700 ft with cut brine water, run 17 lb P-110 5 1/2 inch csg and set at 12700 ft with 600 sx cmt, TOC 500 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. <b>I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/>.</b> Printed Name: Electronically filed by Diana Briggs Title: Production Analyst Email Address: production@marbob.com Date: 4/22/2008   Phone: 505-748-3303	<b>OIL CONSERVATION DIVISION</b>	
	Approved By: Tim Gum	
	Title: District Supervisor	
	Approved Date: 4/24/2008	Expiration Date: 4/24/2010

**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

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Form C-102  
 Permit 72001

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-36286	2. Pool Code 80809	3. Pool Name LUSK MORROW,NO.(GAS)(CONSOLIDATED)*
4. Property Code 37129	5. Property Name BIRD'S EYE STATE COM	6. Well No. 001
7. OGRID No. 14049	8. Operator Name MARBOB ENERGY CORP	9. Elevation 3461

10. Surface Location

UL - Lot H	Section 32	Township 19S	Range 31E	Lot Idn H	Feet From 1980	N/S Line N	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 320.00	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 Analyst  
 Date: 4/22/2008

**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: 9/27/2007  
 Certificate Number: 3239

## Permit Comments

Operator: MARBOB ENERGY CORP , 14049

Well: BIRD'S EYE STATE COM #001

API: 30-015-36286

Created By	Comment	Comment Date
MARBOB4	We plan to complete this well in the Morrow and do not anticipate cutting any formations during drilling that contain H2S gas. Therefore we do not believe an H2S contingency plan is necessary.	3/28/2008