

**District I**

1625 N. French Dr., Hobbs, NM 88240

**District II**

1301 W. Grand Ave., Artesia, NM 88210

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

Form C-101

**APPLICATION FOR PERMIT TO DRILL**

Operator Name and Address <b>MARBOB ENERGY CORP</b> <b>PO Box 227</b> <b>Artesia, NM 88211-0227</b>		OGRID Number <b>14049</b>
		API Number <b>30-015-33062</b>
Property Code <b>33059</b>	Property Name <b>WILD CAP STATE COM</b>	Well No. <b>001</b>

**Surface Location**

UL or Lot <b>I</b>	Section <b>36</b>	Township <b>19S</b>	Range <b>31E</b>	Lot Idn <b>I</b>	Feet From <b>1980</b>	N/S Line <b>S</b>	Feet From <b>660</b>	E/W Line <b>E</b>	County <b>Eddy</b>
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**Proposed Pools**

<b>LUSK MORROW,NO.(GAS)(CONSOLIDATED)* 80809</b>
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Work Type <b>New Well</b>	Well Type <b>GAS</b>	Cable/Rotary	Lease Type <b>State</b>	Ground Level Elevation <b>3502</b>
Multiple <b>N</b>	Proposed Depth <b>13200</b>	Formation <b>Morrow</b>	Contractor	Spud Date <b>09/01/2003</b>

**Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	900	450	0
Int1	12.25	8.625	24	4500	2200	0
Prod	7.875	5.5	17	13200	350	0

**Casing/Cement Program: Additional Comments**

<b>Surface csg - circ; Intermediate csg - 24# &amp; 32# J-55 csg - circ; Production csg - 17# S-95 &amp; N-80 csg - circ.</b>
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**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
<b>Double Ram</b>	<b>3000</b>	<b>3000</b>	<b>Cameron</b>

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Electronically Signed By: Diana Cannon

Title: Production Analyst

Date: 10/23/2003

Phone: 505-748-3303

### OIL CONSERVATION DIVISION

Electronically Approved By: Bryan Arrant

Title: Geologist

Approval Date: 10/24/2003 Expiration Date: 10/24/2004

Conditions of Approval:

There are conditions. See Attached.

RE: MARBOB'S WILD CAP STATE NO.1 (36-19-31) EDDY COUNTY.

Lori Wrotenbery approved the drilling of this well under the following conditions on 10/9/03.

CONDITIONS OF APPROVAL:

- 1.) EXCEPTION TO RULE 106 B. AND NOT AND AREA WIDE APPROVAL.
- 2.) INTERMEDIATE CASING STRING TO BE SET AT 4500'.
- 3.) ALL CASING STRINGS TO HAVE CEMENT CIRCULATED TO THE SURFACE.
- 4.) RUN AN ELECTRIC LOG OVER THE CAPITAN REEF SECTION APPROXIMATELY 2800' TO 4300' TO BE ABLE TO DETERMINE, CALCULATE AND OR ESTIMATE THE "TDS" in ppm in 10' INTERVALS
- 5.) IF LOST CIRCULATION IS ENCOUNTERED IN THE REEF SECTION, DRILLING IS TO BE STOPPED AND THE LOSS ZONE IS TO BE REPAIRED BEFORE DRILLING AHEAD IS RESUMED.
- 6.) REPORT PPM CL FROM SURFACE TO 4500' AT 100' INTERVALS TO THE DISRICT OFFICE.
- 7.) COPY OF THE DAILY DRILLING REPORT BE E-MAILED TO TIM GUM AT [tgum@state.nm.us](mailto:tgum@state.nm.us), from the surface to 4500'.

Handwritten notes and markings:  
- A circle containing "10" with "Approved" written next to it.  
- A circle containing "4" with a checkmark.  
- A circle containing "5" with a checkmark.  
- A circle containing "6" with a checkmark.  
- A circle containing "7" with a checkmark.  
- A vertical line with a checkmark.  
- A date "10/21/03" written vertically.

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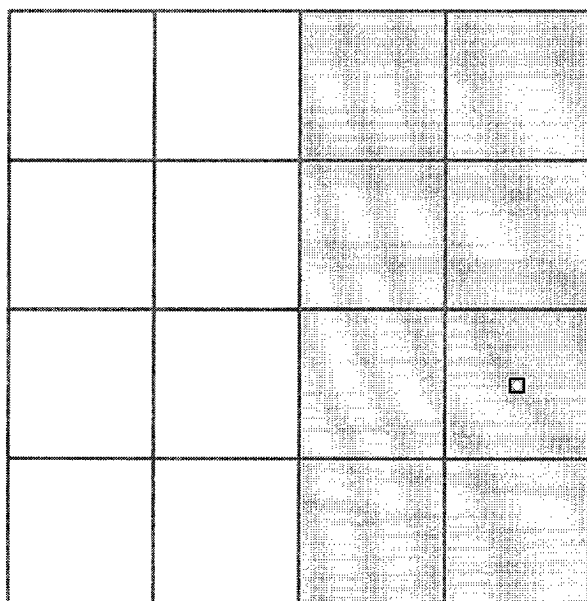
Form C-102

### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-015-33062</b>	Pool Name <b>LUSK MORROW,NO.(GAS)(CONSOLIDATED)*</b>	Pool Code <b>80809</b>
Property Code <b>33059</b>	Property Name <b>WILD CAP STATE COM</b>	Well No. <b>001</b>
OGRID No. <b>14049</b>	Operator Name <b>MARBOB ENERGY CORP</b>	Elevation <b>3502</b>

### Surface And Bottom Hole Location

UL or Lot <b>I</b>	Section <b>36</b>	Township <b>19S</b>	Range <b>31E</b>	Lot Idn <b>I</b>	Feet From <b>1980</b>	N/S Line <b>S</b>	Feet From <b>660</b>	E/W Line <b>E</b>	County <b>Eddy</b>
Dedicated Acres <b>320</b>		Joint or Infill		Consolidation Code		Order No.			



#### OPERATOR CERTIFICATION

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.*

Electronically Signed By: Diana Cannon

Title: Production Analyst

Date: 10/23/2003

#### 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: 07/28/2003

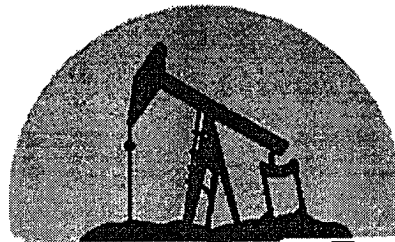
Certificate Number: 3239

## Permit Conditions Of Approval

**Operator: MARBOB ENERGY CORP , 14049**

**Well: WILD CAP STATE COM #001**

OCD Reviewer	Condition
BARRANT	Notify OCD spud and time to witness the cementing of surface and intermediate casing.
BARRANT	Operator to following conditions set forth by OCD Division Director by hard copy".



**marbob**  
**ENERGY CORPORATION**  
ARTESIA, NEW MEXICO

August 20, 2003

Oil Conservation Division  
1301 W. Grand Ave.  
Artesia, NM 88210

Attention: Bryan Arrant

Re: Wild Cap State Com #1  
1980' FSL & 660' FEL, Unit I  
Section 36, T19S, R31E  
Eddy County, New Mexico

Dear Bryan:

We plan to complete the above referenced well in the Morrow formation, which is sweet, and we don't anticipate cutting any formations that contain H<sub>2</sub>S gas during the drilling of this well. Therefore, we do not believe that an H<sub>2</sub>S contingency plan is necessary.

If you have questions or need further information, please call.

Sincerely,

Melanie J. Parker  
Land Department

/mp