

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 Corporation PO Box 227 Artesia, NM 88211-0227</b>		OGRID Number <b>14049</b>
		API Number <b>30-15-32900</b>
Property Code <b>29595</b>	Property Name <b>TDF STATE</b>	Well No. <b>002</b>

**Surface Location**

UL or Lot <b>F</b>	Section <b>2</b>	Township <b>18S</b>	Range <b>27E</b>	Lot Idn	Feet From <b>1650</b>	N/S Line <b>N</b>	Feet From <b>2305</b>	E/W Line <b>W</b>	County <b>Eddy</b>
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**Proposed Pools**

<b>RED LAKE; GLORIETA YESO, NORTHEAST 96836</b>
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Work Type <b>New Well</b>	Well Type <b>Oil</b>	Cable/Rotary	Lease Type <b>State</b>	Ground Level Elevation <b>3571</b>
Multiple <b>N</b>	Proposed Depth <b>4000</b>	Formation <b>Yeso Formation</b>	Contractor	Spud Date <b>8/1/2003</b>

**Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
<b>Surf</b>	<b>12.25</b>	<b>8.625</b>	<b>24</b>	<b>350</b>	<b>350</b>	<b>0</b>
<b>Prod</b>	<b>7.875</b>	<b>5.5</b>	<b>17</b>	<b>4000</b>	<b>750</b>	<b>0</b>

**Casing/Cement Program: Additional Comments**

<b>Surface casing - circulate Production casing - will bring TOC 500 above all oil and gas bearing zones</b>
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**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
<b>Double Ram</b>	<b>2000</b>	<b>2000</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: 7/21/2003

Phone: 505-748-3303

**OIL CONSERVATION DIVISION**

Electronically Approved By: Bryan Arrant

Title: Geologist

Approval Date: 7/24/2003 Expiration Date: 7/24/2004

Conditions of Approval:

There are conditions. See Attached.

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State of New Mexico  
Energy, Minerals and Natural Resources

Form C-102

## Oil Conservation Division

1220 S. St Francis Dr.

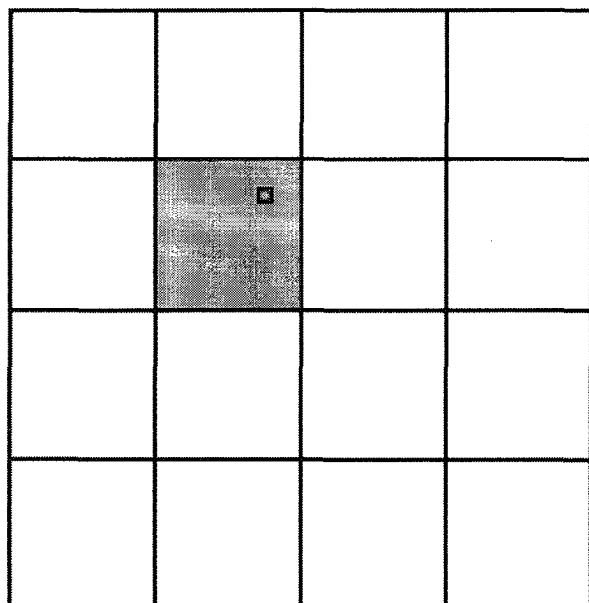
Santa Fe, NM 87505

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-15-32900	Pool Name RED LAKE; GLORIETA YESO, NORTHEAST	Pool Code 96836
Property Code 29595	Property Name TDF STATE	Well No. 002
OGRID No. 14049	Operator Name Marbob Energy Corporation	Elevation 3571

**Surface And Bottom Hole Location**

UL or Lot F	Section 2	Township 18S	Range 27E	Lot Idn	Feet From 1650	N/S Line N	Feet From 2305	E/W Line W	County Eddy
Dedicated Acres 40		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: 7/21/2003

**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.*

Electronically Signed By: Ronald Eidson

Date of Survey: 7/15/2003

Certificate Number: 3239

## APD Conditions Of Approval

**Operator:** 14049 Marbob Energy Corporation

**Well:** TDF STATE 002

OCD Reviewer	Condition
BARRANT	Operator to notify OCD if plans are to deviate from projected plans of circulating cement on production string.



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

July 24, 2003

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

Attention: Bryan Arrant

Re: TDF State #2  
1650' FNL & 2305' FWL, Unit F  
Section 2, T18S, R27E  
Eddy County, New Mexico

Dear Bryan:

In reviewing the requirement of an H2S contingency plan on the above referenced well we have determined the following: The nearest paved road is approximately one-half mile away from the proposed location. The ROE is determined to be far less than the one-half mile distance to the paved road, therefore we do not believe that a contingency plan is necessary.

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

Sincerely,

Melanie J. Parker  
Land Department

/mp