

District II  
1301 W. Grand Ave., Artesia, NM 88210  
Phone:(505) 748-1283 Fax:(505) 748-9720

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

Form C-101  
Permit 19208

RECEIVED

NOV 30 2005

OCU-ARTESIA

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

1. Operator Name and Address <b>MARBOB ENERGY CORP</b> <b>PO Box 227</b> <b>Artesia, NM 88211-0227</b>		2. OGRID Number <b>14049</b>
4. Property Code <b>33059</b>		3. API Number <b>30 - 015 - 33062</b>
5. Property Name <b>WILD CAP STATE COM</b>		6. Well No. <b>001</b>

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	36	19S	31E	I	1980	S	660	E	EDDY

**8. Pool Information**

GREENWOOD;MORROW, SOUTHEAST (GAS)	97224
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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 3502
14. Multiple N	15. Proposed Depth 13200	16. Formation Morrow	17. Contractor	18. Spud Date 12/15/2005
Depth to Ground water 130		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 _____ mils thick Clay <input type="checkbox"/> Pit Volume: 3000 _____ 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	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**

Surface csg - circ; Intermediate csg - 24# & 32# J-55 csg - circ; Production csg - 17# S-95 & N-80 csg - circ.
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**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: Nancy Bratches  
 Title: Land Department  
 Email Address: landtech@marbob.com  
 Date: 11/30/05 Phone: 505-748-3303

**OIL CONSERVATION DIVISION**  
*[Signature]*  
 District II Supervisor  
 Approved Date: DEC 05 2005 Expiration Date: DEC 05 2006

**If earthen pits are used in association with the drilling of the well, an OCD pit permit must be obtained prior to pit construction.**

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-102  
 Permit 19208

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number	2. Pool Code 97224	3. Pool Name GREENWOOD;MORROW, SOUTHEAST (GAS)
4. Property Code 33059	5. Property Name WILD CAP STATE COM	6. Well No. 001
7. OGRID No. 14049	8. Operator Name MARBOB ENERGY CORP	9. Elevation 3502

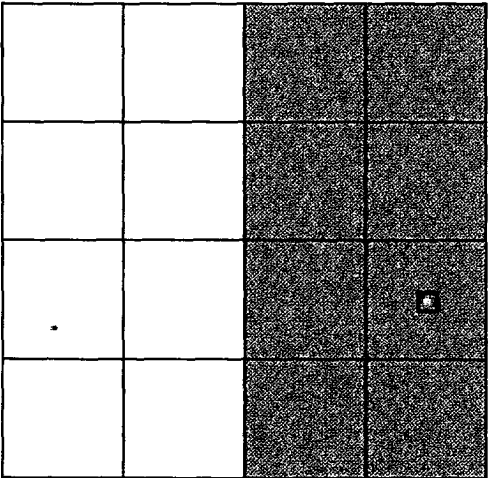
**10. Surface Location**

UL - Lot I	Section 36	Township 19S	Range 31E	Lot Idn I	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 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**

	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p>E-Signed By: <i>Nancy Bratcher</i>          Title: <i>Land Department</i>          Date: <i>11/30/05</i></p> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></p> <p><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></p> <p>Surveyed By: Gary Eidson          Date of Survey: 7/28/2003          Certificate Number: 3239</p>
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## Permit Comments

**Operator:** MARBOB ENERGY CORP , 14049

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

**API:**

Created By	Comment	Comment Date
MARBOB4	Re-applying approved APD expired 10/24/05.	11/30/2005
MARBOB4	We plan to complete this well in the Morrow formation and don't anticipate cutting any formations that contain H2S gas during the drilling of this well. Therefore, we do not believe that an H2S contingency plan is necessary.	11/30/2005

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.
- 3.) RUN AN ELECTRIC LOG OVER THE CAPITAN REEF SECTION APPROXIMATELY 4300' TO BE ABLE TO DETERMINE, CALCULATE AND OR ESTIMATE THE "TDS ppm in 10' INTERVALS
- 4.) IF LOST CIRCULATION IS ENCOUNTERED IN THE REEF SECTION , DRILLING IS TO STOPPED AND THE LOSS ZONE IS TO BE REPAIRED BEFORE DRILLING AHEAD RESUMED.
- 5.) REPORT PPM CL FROM SURFACE TO 4500' AT 100' INTERVALS TO THE DISRIC OFFICE.
- 6.) 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'.

Approved  
10/21/03

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## 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".



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

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