

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

Form C-101
Permit 67229

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 30-015-36032
4. Property Code 36931	5. Property Name WILDCAP STATE	6. Well No. 003H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
J	36	19S	31E	J	2300	S	1650	E	EDDY

8. Pool Information

GREENWOOD;BONE SPRING	29290
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3492
14. Multiple N	15. Proposed Depth	16. Formation Bone Spring	17. Contractor	18. Spud Date 2/9/2008
Depth to Ground water 130		Distance from nearest fresh water well		Distance to nearest surface water
Pit Liner: Synthetic <input type="checkbox"/> mls 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	950	650	0
Int1	12.25	9.625	36	4000	1200	700
Prod	7.875	5.5	17	10200	700	4500

Casing/Cement Program: Additional Comments

We propose to drill 17 1/2 inch hole to 950 feet with fresh water run 13 3/8 54.5# J-55 csg and cement to surface. Drill 12 1/4 inch hole to 4000 feet with brine water run 9 5/8 inch 36 pound J-55 casing and cement with 1200 sk est TOC 700 ft. Drill 7 7/8 inch hole to 10200 feet log well then plug back to 8800 feet then drill a horizontal well to new bhl run 5 1/2 17 pound N80 cement with 700 sk est toc 3800 feet.

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 NMOC guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

OIL CONSERVATION DIVISION

Printed Name: Electronically filed by Diana Briggs

Approved By: Bryan Arrant

Title: Production Analyst

Title: Geologist

Approved Date: 1/10/2008

Expiration Date: 1/10/2009

Email Address: production@marbob.com

Date: 1/9/2008

Phone: 505-748-3303

Conditions of Approval Attached

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 67229

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-36032	2. Pool Code 29290	3. Pool Name GREENWOOD;BONE SPRING
4. Property Code 36931	5. Property Name WILDCAP STATE	6. Well No. 003H
7. OGRID No. 14049	8. Operator Name MARBOB ENERGY CORP	9. Elevation 3492

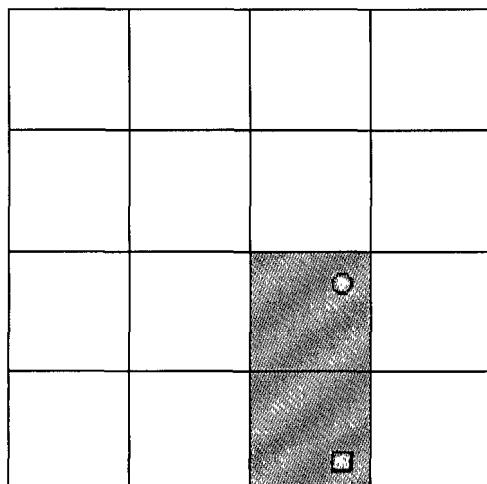
10. Surface Location

UL - Lot J	Section 36	Township 19S	Range 31E	Lot Idn J	Feet From 2300	N/S Line S	Feet From 1650	E/W Line E	County EDDY
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11. Bottom Hole Location If Different From Surface

11. Bottom Hole Location If Different From Surface									
UL - Lot O	Section 36	Township 19S	Range 31E	Lot Idn O	Feet From 330	N/S Line S	Feet From 1650	E/W Line E	County EDDY
12. Dedicated Acres 80.00		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: 1/9/2008

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: Gary Eidson

Date of Survey: 12/29/2007

Certificate Number: 12641

Permit Conditions of Approval

Operator: MARBOB ENERGY CORP , 14049

Well: WILDCAP STATE #003H

API: 30-015-36032

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 noted, operator to drill surface hole w/fresh water mud.

Permit Comments

Operator: MARBOB ENERGY CORP , 14049

Well: WILDCAP STATE #003H

API:

Created By	Comment	Comment Date
MARBOB4	Marbob will be using a closed mud loop system with fresh water pits.	1/9/2008
MARBOB4	Marbob Energy has conducted a review to determine if an H2S contingency plan is required for the above referenced well. We were able to conclude that any potential hazardous volume would be minimal. H2S concentrations of wells in this area from surface to TD are low enough; therefore we do not believe that an H2S Contingency Plan would be necessary.	1/9/2008