

MAY - 1 2009

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District II

1301 W. Grand Ave., Artesia, NM 88210
Phone.(505) 748-1283 Fax.(505) 748-9720Form C-101
Permit 95005

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 30-015-37053
4. Property Code 37679	5. Property Name GRAVY STATE COM	6. Well No. 001H

7. Surface Location

UL - Lot	Section	Township	Range	Lot ldn	Feet From	N/S Line	Feet From	E/W Line	County
F	8	25S	30E	F	1980	N	2310	W	EDDY

8. Pool Information

GRAVY STATE COM Wildcat; Bone Spring

Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3208
14. Multiple N	15. Proposed Depth 12400	16. Formation 3rd Bone Spring Sand	17. Contractor	18. Spud Date 5/6/2009
Depth to Ground water		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 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		750	500	0
Int1	12.25	9.625	36	3500	800	0
Prod	7.875	5.5		12200	950	3500
Int2	8.75			9900		

Casing/Cement Program: Additional Comments

DRILL 17 1/2 TO 1750' W FRESH RUN 133/8 54.5# JESS CEMENT W 500 SK CMT CIRC TO SURFACE 12 1/4" HOLE TO 3500' WITH BRINE WATER RUN 95/8 36# JESS CSG SET @ 3500' WITH 800 SK CMT CIRC TO SURFACE DRILL 8 3/4" HOLE TO 9900' W/ CUT BRINE PLUG BACK WITH CEMENT TO 8000' THEN DRILL 7 7/8 INCH LATERAL TO BHL RUN 5 1/2" N 80 CASING (12200') CMT W 950 SK TOC 3500'

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 ☐.

Printed Name: Marissa Villa

Title:

Email Address: reception@marbob.com

Date: 5-1-2009

Phone: 575-748-3303

OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date: 5/4/2009 | Expiration Date: 5/4/2011

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 95005

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-37053	2. Pool Code	3. Pool Name GRAVY STATE COM
4. Property Code 37679	5. Property Name GRAVY STATE COM	6. Well No. 001H
7. OGRID No. 14049	8. Operator Name MARBOB ENERGY CORP	9. Elevation 3208

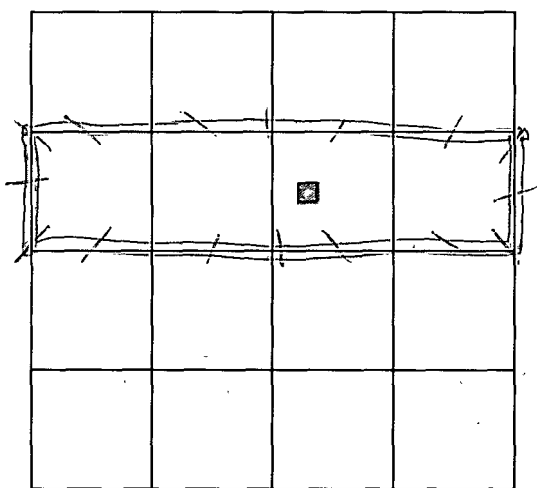
10. Surface Location

UL - Lot F	Section 8	Township 25S	Range 30E	Lot Idn	Feet From 1980	N/S Line N	Feet From 2310	E/W Line W	County EDDY
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11. Bottom Hole Location If Different From Surface

UL - Lot G	Section 7	Township 25S	Range 30E	Lot Idn	Feet From 1980	N/S Line N	Feet From 2260	E/W Line E	County EDDY
12. Dedicated Acres 160.00		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;">OPERATOR CERTIFICATION</p> <p><i>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</i></p> <p>E-Signed By: Title: Date: 5/1/09</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</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: Ronald Eidson Date of Survey: 4/28/2009 Certificate Number: 3239</p>
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Permit Comments

Operator: MARBOB ENERGY CORP , 14049

Well: GRAVY STATE COM #001H

API:

Created By	Comment	Comment Date
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	5/1/2009