

**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 882110227		2. OGRID Number 14049
		3. API Number 30-015-37265
4. Property Code 37815	5. Property Name WILDCAP STATE	6. Well No. 007H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	36	19S	31E	B	330	N	1690	E	EDDY

**8. Pool Information**

WC WILLIAMS SINK; BONE SPRING	97650
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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 3498
14. Multiple N	15. Proposed Depth 10750	16. Formation Bone Spring	17. Contractor	18. Spud Date 10/1/2009
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	54.5	1050	700	0
Int1	12.25	9.625	36	4100	1200	800
Prod	7.875	5.5	17	11500	1100	3900

**Casing/Cement Program: Additional Comments**

17 1/2 to 1050' W/ F/W RUN 13 3/8 54.5# J-55 CEMENT TO SURF DRILL 12 1/4 TO 4100 W/BRINE RUN 4100' OF N80 & J-55 36# 9 5/8 CEMENT TO 800' DRILL 7 7/8 PILOT HOLE TO 10750' WITH CUT BRINE THEN PLUG BACK AND HORIZONTAL WELL @ 9255' TVD TO NEW BHL

**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 <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	<b>OIL CONSERVATION DIVISION</b>	
	Approved By: Jacqueta Reeves	
	Title: District Geologist	
	Approved Date: 9/14/2009	Expiration Date: 9/14/2011
	Printed Name: Electronically filed by Diana Briggs Title: Production Manager Email Address: production@marbob.com Date: 9/1/2009      Phone: 575-748-3303	

District I  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(505) 393-6161 Fax:(505) 393-0720

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

District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**

Form C-102  
 Permit 101527

**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-37265	2. Pool Code 97650	3. Pool Name WC WILLIAMS SINK; BONE SPRING
4. Property Code 37815	5. Property Name WILDCAP STATE	
6. Well No. 007H	7. OGRID No. 14049	
8. Operator Name MARBOB ENERGY CORP	9. Elevation 3498	

**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	36	19S	31E		330	N	1690	E	EDDY

**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
G	36	19S	31E	G	2310	N	1690	E	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**

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**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 Manager  
 Date: 9/1/2009

**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: Ronald J Eidson  
 Date of Survey: 8/19/2009  
 Certificate Number: 3239

## Permit Comments

**Operator:** MARBOB ENERGY CORP , 14049

**Well:** WILDCAP STATE #007H

**API:** 30-015-37265

<b>Created By</b>	<b>Comment</b>	<b>Comment Date</b>
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.	9/1/2009