### State of New Mexico

Form C-101 Permit 84670

### 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

7H 1 H 107111 0111 0	AT BICATION TO RELEGIST TO DRIBE, RE-ENTER, DELI EN, TEODERCK, OR ADD A ZONE								
	1. Operator Name and Address	2. OGRID Number							
I	14049								
	PO Box 227 Artesia , NM 88211	3. API Number							
	Allesia, MW 00211	30-015-36750							
4. Property Code	5. Property Name	6. Well No.							
36931	WILDCAP STATE	004H							

### 7. Surface Location

UL - I	ot Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	36	198	31E	A	330	N	430	E	EDDY

#### 8. Pool Information

WC WILLIAMS SINK; BONE SPRING 97	SPRING	97650
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### Additional Well Information

	561					(96)
9. Work Type New Well			11. Cable/Rotar	11. Cable/Rotary 12. Lease State		13. Ground Level Elevation 3515
14. Mühtiple N	15. Prop	osed Depth	16. Formatio Bone Sprir		17. Contractor	18. Spud Date 12/6/2008
Depth to Ground water 130			Distance from nearest fresh water well			Distance to nearest surface water
tit: Liner: Synthetic [ Closed Loop Syste	 m 🔀	mils thick	Clay Pit Volume:		lling Method: sh Water Brine :	Diesel/Oil-based Gas/Air

19. Proposed Casing and Cement Program

Туре	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

Туре	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	OIL CONSERVATION DIVISION			
NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .	Approved By: Tim Gum			
Printed Name: Electronically filed by Diana Briggs	Title: District Supervisor			
Title: Production Analyst	Approved Date: 11/18/2008   Expiration Date: 11/18/2010			
Email Address: production@marbob.com				
Date: 11/6/2008 Phone: 505-748-3303				

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

Form C-102 Permit 84670

# Energy, Minerals and Natural Resources

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

### WELL LOCATION AND ACREAGE DEDICATION PLAT

10.5	LDD Do cittion in D inch	T.IOT DEDICITION I	***		
1. API Number	2. Pool Code	3. Po	ol Name		
30-015-36750	97650	WC WILLIAMS SINK; BONE SPRING			
4. Property Code	5. Property Name		6. Well No.		
36931	WILDCAP	004H			
7. OGRID No.	8. Operato	r Name	9. Elevation		
14049	MARBOB ENE	3515			

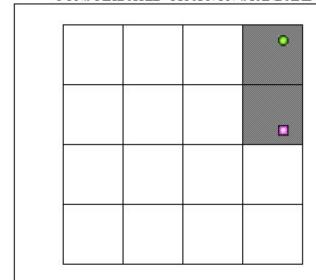
#### 10. Surface Location

Š	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	Α	36	19S	31E	Α	330	N	430	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
H	36	19S	31E	H	2310	N	430	E	EDDY
007000000000000000000000000000000000000	cated Acres	13. J	oint or Infill	14	4. 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: 11/6/2008

### 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: Ronald Eidson Date of Survey: 10/27/2008 Certificate Number: 3239

# **Permit Comments**

Operator: MARBOB ENERGY CORP , 14049 Well: WILDCAP STATE #004H

API: 30-015-36750

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.	11/5/2008