# State of New Mexico

Form C-101 Permit 67810

# **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

211111111111111111111111111111111111111	AT DICATION TO OR TERMINE TO DRIED, RE-EVILLE, BELL EV, TECODACK, OR ADD A ZONE							
	1. Operator Name and Address	2. OGRID Number						
Iv	ARBOB ENERGY CORP	14049						
	PO Box 227 Artesia , NM 88211	3. API Number						
	1110311, 11111 00211	30-05-29018						
4. Property Code	5. Property Name	6. Well No.						
36941	MAKETRACKS STATE COM	001						

### 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	35	15S	31E	D	660	N	330	W	CHAVES

### 8. Pool Information

WILDCAT WOLFCAMP

### **Additional Well Information**

		901			HWOIM HOL	1100111100		100
9. Work 1 New We	17.7256	10. Well Type OIL 15. Proposed Depth				12. Lease Type State	13. Ground Level Elevation 4372	
14. Moil N	tiple				16. Formation 17. Wolfcamp			18. Spud Date 2/16/2008
Depth	Depth to Ground water 250			D	istance from nearest	fresh water well		Distance to nearest surface water
Pit: Liner: Sy Closed L	onthetic	× ×	mils thick	Clay	Pit Volume:		illing 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	48	400	400	0
Int1	12.25	9.625	40	4000	1000	0
Prod	7.875	5.5	17	13450	1100	8500
Int2	8.75	5.5	17	8500	0	0

## Casing/Cement Program: Additional Comments

We propose to drill 17 1/2 inch hole to 400 ft with fresh water, run 48 lb H-40 13 3/8 inch csg and set at 400 ft with 400 sx cmt, circ to surface; drl 12 1/4 inch hole to 4000 ft with cut brine water, run 40 lb J-55 9 5/8 inch csg and set at 4000 ft with 1000 sx cmt, circ to surface; drl 8 3/4 inch hole to 8500 ft with cut brine water, run 5 1/2 inch 17 lb P-110 csg and set at 8500 ft. Drl 7 7/8 inch hole to 13450 ft with cut brine water, run 5 1/2 inch 13 450 ft with 1100 sx cmt, TOC 8500'.

Proposed Blowout Prevention Program

8	Туре	Working Pressure		
1	DoubleRam	3000	3000	Cameron

I hereby certify that the information given above is true an of my knowledge and belief.		OIL CONSER	RVATION DIVISION
I further certify that the drilling pit will be constructed NMOCD guidelines , a general permit , or an (at OCD-approved plan .	tached) alternative	Approved By: Paul Kautz	
Printed Name: Electronically filed by Diana Bri	ggs	Title: Geologist	
Title: Production Analyst		Approved Date: 1/17/2008	Expiration Date: 1/17/2010
Email Address: production@marbob.com			
Date: 1/16/2008 Phone: 505-74	18-3303	Conditions of Approval At	ttached

District I

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

<u>District II</u>

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 67810

# Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

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1. API Number	2. Pool Code	3. Pool Name			
30-05-29018	WILDCAT WOLFCAMP				
4. Property Code	5. Property	6. Well No.			
36941	MAKETRACKS	001			
7. OGRID No.	8. Operator	9. Elevation			
14049	MARBOB ENERGY CORP 4372				

#### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	35	15S	31E	D	660	N	330	w	CHAVES

## 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
A	35	15S	31E	A	660	N	330	E	CHAVES
000000000000000000000000000000000000000	12. Dedicated Acres 13 160.00		Joint or Infill	1	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

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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 Analyst Date: 1/16/2008

## 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: 1/3/2008 Certificate Number: 3239

# **Permit Comments**

Operator: MARBOB ENERGY CORP, 14049
Well: MAKETRACKS STATE COM #001

API: 30-05-29018

Created By	II Comment	Comment Date
MARBOB4	Marbob will be using a closed mud loop system with fresh water pits.	1/16/2008
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.	1/16/2008

# Permit Conditions of Approval

Operator: MARBOB ENERGY CORP, 14049
Well: MAKETRACKS STATE COM #001

API: 30-05-29018

OCD Reviewer	Condition
IDKAUTZ	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