

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-101

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address Matador Operating Company 8340 Meadow Road #150 Dallas, TX 75231		OGRID Number 14245
		API Number 30-25-36291
Property Code 32392	Property Name ROBEME 16 STATE COM	Well No. 001

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	16	23S	36E		660	S	660	E	Lea

Proposed Pools

WILDCAT;MORROW (GAS) 96070

Work Type New Well	Well Type Gas	Cable/Rotary	Lease Type State	Ground Level Elevation 3411
Multiple N	Proposed Depth 11700	Formation Morrow	Contractor	Spud Date 6/20/2003

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	1200	900	0
Int1	12.25	9.625	36	3700	1200	0
Int1	12.25	9.625	40	4500	1200	0
Prod	8.75	5.5	17	11700	750	8000

Casing/Cement Program: Additional Comments

The BOPE shown below will be used for the 8-3/4 hole section. The 12-1/4 hole section will be drilled utilizing a 3M WP annular preventer.
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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	2500	HYDRIL
Double Ram	5000	5000	HYDRIL

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.	
Electronically Signed By: Jim Kramer	
Title: Senior Drilling Engineer	
Date: 5/23/2003	Phone: 214-987-7128

OIL CONSERVATION DIVISION	
Electronically Approved By: Paul Kautz	
Title: Geologist	
Approval Date: 5/30/2003	Expiration Date: 5/30/2004
Conditions of Approval: No Conditions	

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State of New Mexico

Form C-102

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

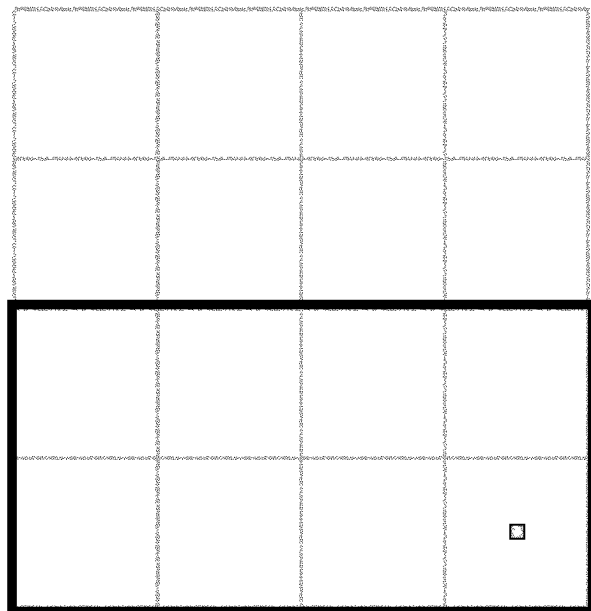
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-25-36291	Pool Name WILDCAT;MORROW (GAS)	Pool Code 96070
Property Code 32392	Property Name ROBEME 16 STATE COM	Well No. 001
OGRID No. 14245	Operator Name Matador Operating Company	Elevation 3411

Surface And Bottom Hole Location

UL or Lot P	Section 16	Township 23S	Range 36E	Lot Idn	Feet From 660	N/S Line S	Feet From 660	E/W Line E	County Lea
Dedicated Acres 320		Joint or Infill		Consolidation Code		Order No.			

**OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Electronically Signed By: Jim Kramer

Title: Senior Drilling Engineer

Date: 5/23/2003

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.

Electronically Signed By: V. Bezner

Date of Survey: 3/19/2003

Certificate Number: 7920