

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 30-25-36068
Property Code 30906	Property Name Mary 7 State	Well No. 001

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	7	21S	35E		990	N	1500	W	Lea

Proposed Pools

OSUDO;MORROW (GAS) 82120

Work Type New Well	Well Type Gas	Cable/Rotary	Lease Type State	Ground Level Elevation 3676
Multiple N	Proposed Depth 12500	Formation Morrow	Contractor	Spud Date 12/2/2002

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	1400	1000	0
Int1	12.25	9.625	40	3000	1500	0
Int1	12.25	9.625	40	5400	1500	0
Prod	8.75	7	29	11100	350	9000
Liner1	6.125	4.5	13.5	12500	200	10800

Casing/Cement Program: Additional Comments

9-5/8 casing will be cemented to surface in 2 stages. Estimated DV tool depth @ 4,000. 12-1/4 & 8-3/4 hole sections will utilize contractor 3000# BOPE. The BOPE shown below is for the 6-1/8 hole section only.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	10000	5000	Hydril
Double Ram	10000	10000	Hydril
Pipe	10000	10000	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: **12/2/2002**

Phone: **214-987-7128**

OIL CONSERVATION DIVISION

Electronically Approved By: **Chris Williams**

Title: **District Supervisor**

Approval Date: **12/2/2002**

Expiration Date: **12/2/2003**

Conditions of Approval:

No Conditions

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C
A

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State of New Mexico
Energy, Minerals and Natural Resources

Form C-102

Oil Conservation Division

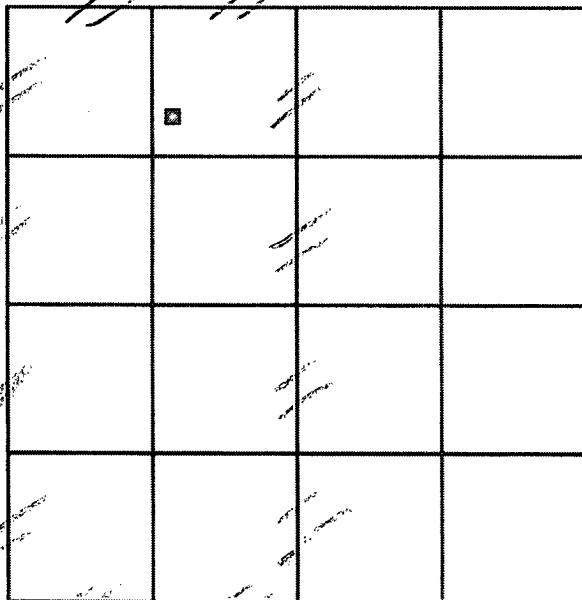
1220 S. St Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-25-36068	Pool Name OSUDO;MORROW (GAS)	Pool Code 82120
Property Code 30906	Property Name Mary 7 State	Well No. 001
OGRID No. 14245	Operator Name Matador Operating Company	Elevation 3676

Surface And Bottom Hole Location

UL or Lot C	Section 7	Township 21S	Range 35E	Lot Idn	Feet From 990	N/S Line N	Feet From 1500	E/W Line W	County Lea
Dedicated Acres 302.2	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: 12/2/2002

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: 11/19/2002

Certificate Number: 7920

APD Comments**Operator: 14245 Matador Operating Company****Well: Mary 7 State 001**

User Name	Comment	Comment Date
JKRAMER	With multiple weights/grades of casing for a particular casing string, the program forces an entry for cement volumes and cement top on each line - see 9-5/8" entry for this well. Also, the BOP data is limited to one stack description. Had to put BOP info for upper part of the hole in the additional comments section.	11/25/2002
JKRAMER		11/25/2002