

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 30-25-36267
Property Code 29896	Property Name BERTHA BARBER	Well No. 022

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	32	19S	37E		750	S	1800	W	Lea

Proposed Pools

MONUMENT;TUBB 47090

Work Type New Well	Well Type Oil	Cable/Rotary	Lease Type Private	Ground Level Elevation 3560
Multiple N	Proposed Depth 6800	Formation Tubb	Contractor	Spud Date

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	1250	450	0
Prod	7.875	4.5	11.6	6800	750	2000

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	1500	HYDRIL
Double Ram	3000	3000	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: **4/28/2003**

Phone: **214-987-7128**

OIL CONSERVATION DIVISION

Electronically Approved By: **Paul Kautz**

Title: **Geologist**

Approval Date: **4/29/2003**

Expiration Date: **4/29/2004**

Conditions of Approval:
No Conditions

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Form C-102

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

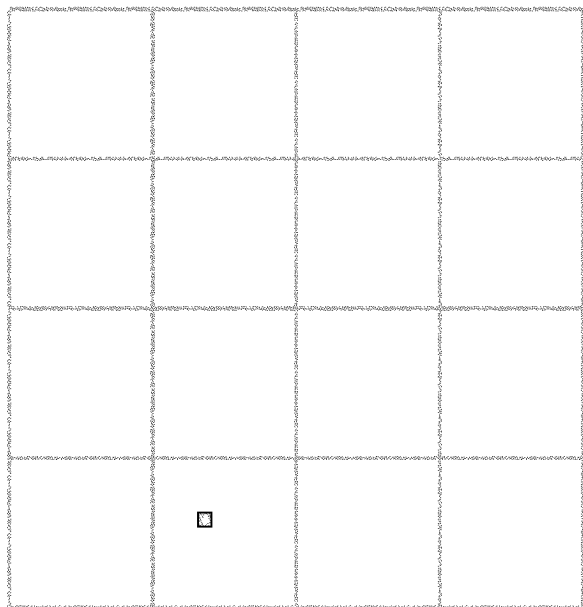
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-25-36267	Pool Name MONUMENT;TUBB	Pool Code 47090
Property Code 29896	Property Name BERTHA BARBER	Well No. 022
OGRID No. 14245	Operator Name Matador Operating Company	Elevation 3560

Surface And Bottom Hole Location

UL or Lot N	Section 32	Township 19S	Range 37E	Lot Idn	Feet From 750	N/S Line S	Feet From 1800	E/W Line W	County Lea
Dedicated Acres 80		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: 4/28/2003

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: 4/15/2003

Certificate Number: 7920