

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 <b>Matador Operating Company 8340 Meadow Road #150 Dallas, TX 75231</b>		OGRID Number <b>14245</b>
		API Number <b>30-15-32806</b>
Property Code <b>22497</b>	Property Name <b>CRAWFORD 27</b>	Well No. <b>004</b>

**Surface Location**

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	27	24S	26E		660	N	1310	W	Eddy

**Proposed Pools**

<b>WHITE CITY;PENN (GAS) 87280</b>
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Work Type <b>New Well</b>	Well Type <b>Gas</b>	Cable/Rotary	Lease Type <b>Private</b>	Ground Level Elevation <b>3341</b>
Multiple <b>N</b>	Proposed Depth <b>11600</b>	Formation <b>Morrow</b>	Contractor	Spud Date <b>7/1/2003</b>

**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	450	400	0
Int I	12.25	9.625	36	3800	1000	0
Prod	8.75	5.5	17	11600	1200	3600

**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.		OIL CONSERVATION DIVISION	
Electronically Signed By: Jim Kramer		Electronically Approved By: Bryan Arrant	
Title: Senior Drilling Engineer		Title: Geologist	
Date: 5/16/2003		Approval Date: 5/29/2003	Expiration Date: 5/29/2004
Phone: 214-987-7128		Conditions of Approval: No Conditions	

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Form C-102

Oil Conservation Division

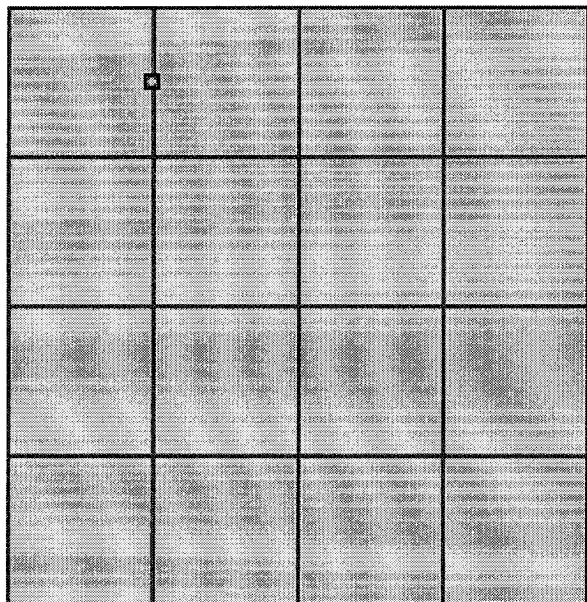
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### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-15-32806	Pool Name WHITE CITY;PENN (GAS)	Pool Code 87280
Property Code 22497	Property Name CRAWFORD 27	Well No. 004
OGRID No. 14245	Operator Name Matador Operating Company	Elevation 3341

### Surface And Bottom Hole Location

UL or Lot D	Section 27	Township 24S	Range 26E	Lot Idn	Feet From 660	N/S Line N	Feet From 1310	E/W Line W	County Eddy
Dedicated Acres 640		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: 5/16/2003

#### 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: 4/29/2003

Certificate Number: 7920