

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 GRUY PETROLEUM MANAGEMENT CO. PO Box 140907 Irving, TX 75014-0907		OGRID Number 162683
		API Number 30-031-21058
Property Code 33000	Property Name Prairie Dog SF 23	Well No. 001

**Surface Location**

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	23	18N	08W	G	1740	N	1735	E	McKinley

**Proposed Pools**

WC18N8W23; CRAVASSE CANYON GAS 97308
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Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type Private	Ground Level Elevation 6865
Multiple N	Proposed Depth 3500	Formation Crevasse Canyon Formation	Contractor	Spud Date 10/15/2003

**Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	36	350	150	0
Prod	7.875	5.5	17	3500	900	0

**Casing/Cement Program: Additional Comments**

The proposed well will be a stratigraphic test. Subsequent to setting 8 5/8 casing, 2.5 cores will be retrieved by wireline continuously to TD. As soon as coring and logging operations are complete, the hole will be either plugged to surface or 5 1/2 casing will be set, and the well completed as a Gallup producer. A 3000 psi BOP system will be installed prior to coring, and through the running of the production casing.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	

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

Electronically Signed By: Zeno Farris

Title: Manager Operations Administration

Date: 10/03/2003

Phone: 972-443-6489

### **OIL CONSERVATION DIVISION**

Electronically Approved By: Frank Chavez

Title: District Supervisor

Approval Date: 10/15/2003

Expiration Date: 10/15/2004

Conditions of Approval:  
No Conditions

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Form C-102

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-031-21058	Pool Name WC18N8W23; CRAVASSE CANYON GAS	Pool Code 97308
Property Code 33000	Property Name Prairie Dog SF 23	Well No. 001
OGRID No. 162683	Operator Name GRUY PETROLEUM MANAGEMENT CO.	Elevation 6865

**Surface And Bottom Hole Location**

UL or Lot G	Section 23	Township 18N	Range 08W	Lot Idn G	Feet From 1740	N/S Line N	Feet From 1735	E/W Line E	County McKinley
Dedicated Acres 160		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: Zeno Farris

Title: Manager Operations Administration

Date: 10/03/2003

**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.*

Surveyed By: Gerald Huddleston

Date of Survey: 08/02/2003

Certificate Number: 6844

## Permit Comments

**Operator: GRUY PETROLEUM MANAGEMENT CO. , 162683**

**Well: Prairie Dog SF 23 #001**

User Name	Comment	Comment Date
SHAYDEN	Pool Code is 97308	10/8/2003
SHAYDEN	Surface casing changed at operators request.	10/9/2003