

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 TOM BROWN INC 508 W. Wall, Suite 500 Midland, TX 79701		OGRID Number 23230
		API Number 30-025-36559
Property Code 32805	Property Name NEW MEXICO DA STATE	Well No. 003

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	31	21S	35E	C	660	N	1320	W	Lea

Proposed Pools

GRAMA RIDGE;MORROW, EAST (GAS) 77690

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type State	Ground Level Elevation 3637
Multiple N	Proposed Depth 13500	Formation Morrow	Contractor	Spud Date 04/01/2004

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
Int2	8.75	7	29	11100	350	9000
Prod	6.125	4.5	13.5	13500	200	10750

Casing/Cement Program: Additional Comments

The 9-5/8 casing will be cemented in (2)stages with a DV tool at approximately 4000. The 12-1/4 and 8-3/4 hole sections will utilize contractor 5M BOPE. The 6-1/8 hole section will use the BOPE shown below. The 4-1/2 casing will be flush joint/collarless to accomodate the 6-1/8 hole size.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	10000	5000	Shaffer
Double Ram	10000	10000	Shaffer
Pipe	10000	10000	Shaffer

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.	
Electronically Signed By: Brian Franks	
Title:	
Date: 01/28/2004	Phone: 432-688-9598

OIL CONSERVATION DIVISION	
Electronically Approved By: Chris Williams	
Title: District Supervisor	
Approval Date: 01/30/2004	Expiration Date: 01/30/2005
Conditions of Approval: No Conditions	

State of New Mexico

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36559	Pool Code 77690	Pool Name Grama Ridge; Morrow, East (Gas)
Property Code 32805	Property Name New Mexico DA STATE	Well Number 3
OGRID No. 023230	Operator Name TOM BROWN, INC.	Elevation 3637'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	31	21-S	35-E		660	NORTH	1320	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature BRIAN FRANKS Printed Name DRILLING ENGINEER Title 1-30-04 Date
	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. January 20, 2004 Date Surveyed Signature & Seal of Professional Surveyor Certificate No. GARY EDSON 12641