

ETRA 10/4/2005 10:09:53 AM

BEFORE THE OIL CONSERVATION DIVISION  
 Santa Fe, New Mexico  
 Case No. 13567-13572 Exhibit No. 16  
 Submitted by:  
**GRUY PETROLEUM MANAGEMENT CO.**  
 Hearing Date: October 20, 2005

Gruy Petroleum Management Company	
RHODES YATES-SEVEN RIVERS GAS POOL	
Yates Net Porosity Isopach (>= 6%)	
Simultaneous Dedication Application	
Cagle C Fed. Com #6 and RFU #102	
POSTED WELL DATA	
Operator	
Well Name	
● Well Number	
WELL - TD	
REMARKS	
Lea County, New Mexico	
Contour Interval = 25 feet	
Showing 160 Acre Proration Unit Outlines	
By: K. T. Nordstog	
October 4, 2005	

New Mexico *Resubmitted*

Form 3160-3  
(July 1992)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

1625 N. **SUBMIT IN TRIPLICATE\***  
Hobbs, NM 88406  
(Other instructions on reverse side)

FORM APPROVED  
OMB NO 1004-0136  
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
 DRILL  DEEPEN   
 1b. TYPE OF WELL  
 OIL WELL  GAS WELL  SINGLE ZONE  MULTIPLE ZONE   
 OTHER ZONE

2. NAME OF OPERATOR  
Gruy Petroleum Management Co. *1626B*

3. ADDRESS AND TELEPHONE NO  
P.O. Box 140907 Irving IX 75014 972-401-3111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 660' FNL & 1977' FWL Section 10-26S-37E  
 "C"

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 5 miles south of Jal, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, T.O  
 (Also to nearest drng. unit line, if any) 660'

16. NO. OF ACRES IN LEASE  
600

17. NO. OF ACRES ASSIGNED TO THIS WELL  
160

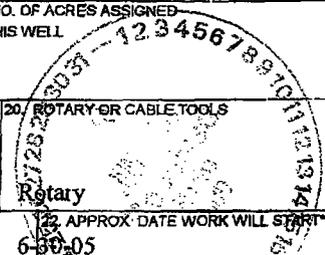
18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT  
 1864'

19. PROPOSED DEPTH  
4000'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
2987' GR

22. APPROX. DATE WORK WILL START  
6-30-05



PROPOSED CASING AND CEMENTING PROGRAM

*Controlled Water Basin*

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	J-55 8 5/8"	24#	750' 1010'	650 sx circ to surf
7 7/8"	J-55 5 1/2"	15.5#	4000'	1150' sx circ to surf

The proposed well will be drilled to a depth of 4000' and completed as a Rhodes; Yates-7 Rivers (Gas) producer.  
From the base of the surface pipe through the running of production casing, the well will be equipped with a 3000 psi BOP system.

**APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED**

IN ABOVE SPACE, DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone  
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24 SIGNED *Zeno Farris* TITLE Mgr. Ops. Admin. DATE 05-23-05

PERMIT No. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:  
APPROVED BY /s/ Tony J. Herrell TITLE FIELD MANAGER DATE JUN 28 2005

\*See Instructions On Reverse Side  
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.  
**APPROVAL FOR 1 YEAR**

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I  
1625 N. FRENCH DR., BOBBS NM 88240

DISTRICT II  
1301 W. GRAND AVENUE ARTESIA, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised JUNE 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number	Pool Code	Pool Name
		Rhodes; Yates-7 Rivers (Gas)
Property Code	Property Name	Well Number
	CAGLE C FEDERAL COM	6
OGRID No.	Operator Name	Elevation
162683	GRUY PETROLEUM MANAGEMENT COMPANY	2987'

Surface Location

UI or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	10	26-S	37-E		660	NORTH	1977	WEST	LEA

Bottom Hole Location If Different From Surface

UI 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
160	Y	C	

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

Cagle C Fed Com #6

GEODETTIC COORDINATES  
NAD 27 NME

Y=388675.9 N  
X=865832.5 E

LAT.=32°03'47.10" N  
LONG.=103°09'08.77" W

Rhodes Fed Unit #102

**OPERATOR CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.*

*Zeno Farris*

Signature

Zeno Farris

Printed Name

Manager Operations Admin

Title

May 24, 2005

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.*

MAY 5, 2005

Date Surveyed

LA

Signature of Geologist  
Professional Surveyor

*GARY E. EDSON*

NEW MEXICO  
05.11.0692

Certificate No. GARY, EDSON 12841