## State of New Mexico

Form C-101 Permit 83030

## Energy, Minerals and Natural Resources

# Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

THE DECEMBER OF THE DECEMBER O							
1.	Operator Name and Address	2. OGRID Number					
	LEUM MANAGEMENT CO., LLC	260972					
	1046 TEXAN TRAIL LAPEVINE , NM 76051	3. API Number					
O.	ATEVINE, NIVI 70001	30-015-36689					
4. Property Code	5. Property Name	6. Well No.					
37420	GRUY HENSHAW 32 STATE COM	003H					

### 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	32	16S	29E	M	660	S	330	W	EDDY

### 8. Pool Information

PAVO MESA: ABO	97575

### Additional Well Information

9. Work Type New Well				11. Cable/Rotary 12. Lease Type State			13. Ground Level Elevation 3646	
14. Multiple N	le 15. Proposed Depth		(f-	16. Formation Abo		17. Contractor	18. Spud Date 12/1/2008	
Depth to Ground	Depth to Ground water			Distance from nearest fresh water well			Distance to nearest surface water	
ht: Liner: Synthetic mils thick Closed Loop System				Pit Volume:		illing Method: sh Water 🔀 Brine 🗀	Diesel/Oil-based Gas/Air	

19. Proposed Casing and Cement Program

Туре	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	350	350	0
Int1	12.25	9.625	40	2500	730	0
Prod	8.75	5.5	17	7300	500	2000

### Casing/Cement Program: Additional Comments

A 4/12" 11.6# liner will be placed in the horizontal portion of the hole. It will not be cemented in place.

Proposed Blowout Prevention Program

Туре	Working Pressure	Test Pressure	Manufacturer						
Annular	5000	1500							
DoubleRam	5000	3000							

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.  I further certify that the drilling pit will be constructed according to	OIL CONSERVATION DIVISION			
NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .	Approved By: Tim Gum			
Printed Name: Electronically filed by Sherry Carroll	Title: District Supervisor			
Title:	Approved Date: 10/14/2008   Expiration Date: 10/14/2010			
Email Address: sreidcarroll@gruypetroleum.com				
Date: 10/7/2008 Phone: 817-756-1215				

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(505) 393-6161 Fax:(505) 393-0720

<u>District II</u>

1301 W. Grand Ave., Artesia, NM 88210 Phone:(505) 748-1283 Fax:(505) 748-9720

<u>District III</u>

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

### State of New Mexico

Form C-102 Permit 83030

# Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.

Santa Fe, NM 87505

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

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1. API Number	2. Pool Code	3. Pool Name		
30-015-36689	97575	PAVO MESA; ABO		
4. Property Code	5. Property Name		6. Well No.	
37420	GRUY HENSHAW 32 STATE COM		003H	
7. OGRID No.	8. Operator	Name	9. Elevation	
260972	GRUY PETROLEUM MAN	VAGEMENT CO., LLC	3646	

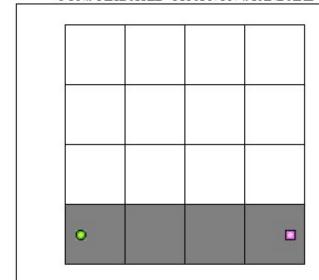
### 10. Surface Location

## ## ## ## ## ## ## ## ## ## ## ## ##									
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	32	16S	29E		660	S	330	w	EDDY

### 11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idm	Feet From	N/S Line	Feet From	E/W Line	County
P	32	16S	29E	P	660	S	330	E	EDDY
		oint or Infill	14	. Consolidation	Code		15. Order No.		

# 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 that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Sherry Carroll

Title:

Date: 10/7/2008

### 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: Gary Jones Date of Survey: 9/16/2008 Certificate Number: 7977

# Permit Comments

Operator: GRUY PETROLEUM MANAGEMENT CO., LLC , 260972 Well: GRUY HENSHAW 32 STATE COM #003H

API: 30-015-36689

Created By	Comment	Comment Date
dhawthorne	Gruy Petroleum does not anticipate that there will be enough H2S from the surface to TD to meet the OCD's minimum requirements for the submission of a contingency plan for the drilling and completion of this test.	10/7 <i>1</i> 2008
dhawthorne	Well depth is 11490' MD and 7300' TVD.	10/7/2008