

State of New Mexico
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

1. Operator Name and Address GRUY PETROLEUM MANAGEMENT CO. PO BOX 140907 IRVING , TX 750140907		2. OGRID Number 162683
		3. API Number 30-025-37667
4. Property Code	5. Property Name QUAIL RIDGE 32 STATE	6. Well No. 001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	32	19S	34E	I	1980	S	660	E	LEA

8. Pool Information

QUAIL RIDGE,MORROW (GAS)	83280
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Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3661
14. Multiple N	15. Proposed Depth	16. Formation Morrow	17. Contractor	18. Spud Date 2/15/2005
Depth to Ground water 101		Distance from nearest fresh water well		Distance to nearest surface water

Pit: Liner: Synthetic ☐ mils thick Clay ☐ Pit Volume: bbls Drilling Method:
 Closed Loop System ☒ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	400	490	0
Int1	12.25	9.625	40	3200	880	0
Prod	8.75	5.5	17	14000	1620	2700

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	Cameran

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 NMOCD guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/>.	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Zeno Farris	Approved By: Paul Kautz
Title: Manager Operations Administration	Title: Geologist
Email Address: zfarris@magnumhunter.com	Approved Date: 2/2/2006 Expiration Date: 2/2/2007
Date: 1/30/2006 Phone: 972-443-6489	Conditions of Approval Attached

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

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

District III
 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

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Form C-102
 Permit 22364

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-37667	2. Pool Code 83280	3. Pool Name QUAIL RIDGE;MORROW (GAS)
4. Property Code	5. Property Name QUAIL RIDGE 32 STATE	6. Well No. 001
7. OGRID No. 162683	8. Operator Name GRUY PETROLEUM MANAGEMENT CO.	9. Elevation 3661

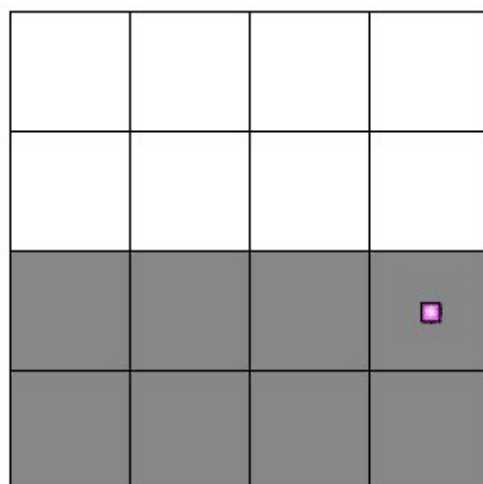
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 320.00		13. Joint 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: Zeno Farris
 Title: Manager Operations Administration
 Date: 1/30/2006

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: 1/17/2006
 Certificate Number: 7977

Permit Comments

Operator: GRUY PETROLEUM MANAGEMENT CO. , 162683

Well: QUAIL RIDGE 32 STATE #001

API: 30-025-37667

Created By	Comment	Comment Date
ZFARRIS	C-144 e-mailed to Karen Sharp on 1-30-05.	1/30/2006
ZFARRIS	H2S statement e-mailed to Donna Mull on 1-30-06	1/30/2006

Permit Conditions of Approval

Operator: GRUY PETROLEUM MANAGEMENT CO. , 162683

Well: QUAIL RIDGE 32 STATE #001

API: 30-025-37667

OCD Reviewer	Condition
pkautz	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines