

1990)

**UNITED STATES DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**  
 NM Oil Cons. Div. Dist. 2  
 1201 W. Grand Avenue  
 Artesia, NM 88210

FOR APPROVED  
 OMB NO. 1004-0137  
 Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

NMNM14124

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Marquardt 12 Penn Federal 1

9. API WELL NO.

30-015-33461

10. FIELD AND POOL, OR WILDCAT

White City; Penn (Gas)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

12-25S-26E

12. COUNTY OR PARISH  
Eddy13. STATE  
NM**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other \_\_\_\_\_

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Gruy Petroleum Management Co.

3. ADDRESS AND TELEPHONE NO.

P O Box 140907 Irving Tx. 75014-0907

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 880' FSL &amp; 1760' FEL

At top prod. interval reported below 880' FSL &amp; 1760' FEL

At total depth 880' FSL &amp; 1760' FEL

14. PERMIT NO.

DATE ISSUED

JUN 20 2005

OCD-ARTEZIA

15. DATE SPUDDED

12-01-04

16. DATE T.D. REACHED

12-22-04

17. DATE COMPL. (Ready to prod.)

03-31-05

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

3254' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

MD 12150' TVD 12079'

21. PLUG, BACK T.D., MD &amp; TVD

MD 11938' TVD 11865'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

All

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

11259' - 11701' White City; Penn (Gas)

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Spaced Neutron, DLL Microguard, Cement Bond Log

27. WAS WELL CORRED

No

28. CASING RECORD (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD      | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|--------------------------------------|---------------|
| 13 - 3/8" J-55    | 54.5 #          | 218'           | 17-1/2"   | 225sx Premium circ 62sx              |               |
| 9-5/8" NS-110     | 40 #            | 3204'          | 12-1/4"   | 1000sx IntC/Prem circ 150sx          |               |
| 5-1/2" P-110      | 17#             | 12141'         | 8-3/4"    | 2150sx IntH/SupH/IntC/Prem circ 70sx |               |
|                   |                 |                |           | TOC 3640'                            |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2-7/8" | 11170'         | 11170'          |

31. PERFORATION RECORD (Interval, size and number)

11491' - 11701' 6 SPF 162 Holes

11259' - 11330' 6 SPF 132 Holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED      |
|---------------------|---------------------------------------|
| 11491' - 11701'     | 136000gal foam CO2 89500# 18/40 VProp |
| 11259' - 11330'     | 92000gal foam CO2 60000# 18/40 VProp  |

33.\* PRODUCTION

|                                   |                         |                                                                                 |                              |                  |                  |                                                 |                     |
|-----------------------------------|-------------------------|---------------------------------------------------------------------------------|------------------------------|------------------|------------------|-------------------------------------------------|---------------------|
| DATE FIRST PRODUCTION<br>03-31-05 |                         | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing |                              |                  |                  | WELL STATUS (Producing or shut-in)<br>Producing |                     |
| DATE OF TEST<br>04-04-05          | HOURS TESTED<br>24      | CHOKER SIZE<br>14/64                                                            | PROD'N. FOR TEST PERIOD<br>→ | OIL—BBL.<br>0    | GAS—MCF.<br>1305 | WATER—BBL.<br>47                                | GAS-OIL RATIO<br>NA |
| FLOW. TUBING PRESS.<br>1450       | CASING PRESSURE<br>1600 | CALCULATED 24-HOUR RATE<br>→                                                    | OIL—BBL.<br>0                | GAS—MCF.<br>1305 | WATER—BBL.<br>47 | OIL GRAVITY-API (CORR.)<br>N/A                  |                     |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

35. LIST OF ATTACHMENTS

Electric logs and Inclination Summary

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Natalie Kuege

TITLE

Regulatory Analyst

DATE June 14, 2005

\*(See Instructions and Spaces for Additional Data 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.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME       | TOP         |                  |
|-----------|-----|--------|-----------------------------|------------|-------------|------------------|
|           |     |        |                             |            | MEAS. DEPTH | TRUE VERT. DEPTH |
|           |     |        |                             | Wolfcamp   | 8551'       |                  |
|           |     |        |                             | Cisco Penn | 10065'      |                  |
|           |     |        |                             | Strawn     | 10300'      |                  |
|           |     |        |                             | Atoka      | 10459'      |                  |
|           |     |        |                             | Morrow     | 11128'      |                  |

38. GEOLOGIC MARKERS

OPERATOR GRUY PETROLEUM  
WELL/LEASE MARQUARDT 12 PENN FED 1  
COUNTY EDDY, NM

080-0028

STATE OF NEW MEXICO  
DEVIATION REPORT

|      |       |       |       |
|------|-------|-------|-------|
| 206  | 1/2   | 8757  | 1     |
| 704  | 1     | 8948  | 1/2   |
| 1185 | 1     | 9202  | 1/2   |
| 1598 | 3 1/4 | 9519  | 1     |
| 1730 | 2 1/2 | 9960  | 1 1/2 |
| 1888 | 3     | 10376 | 1 1/2 |
| 2072 | 2     | 10534 | 1 1/2 |
| 2270 | 1     | 10786 | 1 1/2 |
| 2542 | 1     | 10979 | 1 1/2 |
| 3032 | 1     | 11265 | 1 1/2 |
| 3579 | 1/2   | 11422 | 1/2   |
| 4086 | 1/2   | 11489 | 1 1/2 |
| 4562 | 1/2   | 11744 | 2     |
| 5038 | 1     | 11966 | 2     |
| 5356 | 1 1/2 | 12075 | 2     |
| 5705 | 2     | 12130 | 2     |
| 5896 | 1     |       |       |
| 6214 | 1 1/2 |       |       |
| 6595 | 1 1/2 |       |       |
| 6977 | 1/2   |       |       |
| 7325 | 2 1/2 |       |       |
| 7422 | 3     |       |       |
| 7517 | 2 1/2 |       |       |
| 7645 | 1     |       |       |
| 7740 | 1     |       |       |
| 7899 | 1     |       |       |
| 8185 | 1     |       |       |
| 8471 | 1     |       |       |

RECEIVED

JAN 14 2006

MAILROOM

STATE OF TEXAS  
COUNTY OF MIDLAND

BY: Steve Moore

The foregoing instrument was acknowledged before me on January 12, 2005, by Steve Moore on behalf of Patterson - UTI Drilling Company, LP, LLLP.

J Robertson  
Notary Public for Midland County, Texas  
My Commission Expires: 8/23/07



J ROBERTSON  
Notary Public, State of Texas  
My Commission Expires:  
August 23, 2007

## DISTRICT II

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

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

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

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |                                                    |                                     |
|----------------------------|----------------------------------------------------|-------------------------------------|
| API Number<br>30-015-33461 | Pool Code<br>87280                                 | Pool Name<br>White City; Penn (Gas) |
| Property Code              | Property Name<br>MARQUARDT 12 PENN FEDERAL         | Well Number<br>1                    |
| OGRID No.<br>162683        | Operator Name<br>GRUY PETROLEUM MANAGEMENT COMPANY | Elevation<br>3254'                  |

## Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| 0             | 12      | 25 S     | 26 E  |         | 880           | SOUTH            | 1760          | EAST           | EDDY   |

## 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<br>640 | Joint or Infill<br>N | Consolidation Code | 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

|  |                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>RECEIVED</p> <p>JUN 20 2005</p> <p>ODD-INTERIM</p>                                                                               | <p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Zeno Farris</i></p> <p>Signature</p> <p>Zeno Farris</p> <p>Printed Name</p> <p>Manager Operations Admin</p> <p>Title</p> <p>April 11, 2005</p> <p>Date</p>                                                                                                                          |
|  | <p>NAD 27 NME<br/>GEODETIC COORDINATES</p> <p>Y-414486.7-N<br/>X-527915.0-E<br/>LAT.= 32°08'22.23" N<br/>LONG.= 104°14'35.33" W</p> | <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JANUARY 26, 2004</p> <p>Date Surveyed</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p><i>Gary B. Edson</i> 2/2/04</p> <p>04.11.0011</p> <p>Certificate No. GARY EDSON 12641</p> |