

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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 800' FNL & 1550' FEL

At top prod. interval reported below 800' FNL & 1550' FEL

At total depth 800' FNL & 1550' FEL

14. PERMIT NO. DATE ISSUED
ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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 1 Penn Federal No. 2

9. API WELL NO.
30-015-34194 SI

10. FIELD AND POOL, OR WILDCAT
White City; Penn (Gas)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 1-T25S-R26E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED 07-23-05 16. DATE T.D. REACHED 08-16-05 17. DATE COMPL. (Ready to prod.) 09-27-05 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3372' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 12175' 21. PLUG, BACK T.D., MD & TVD 12125' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY All 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 11346' - 11621' 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

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	48 #	213'	17-1/2"	250sx PremPlus circ 70sx	
9-5/8" J-55	40 #	3200'	12-1/4"	950sx IntC/PremPlus circ 185sx	
5-1/2" P-110	17#	12175'	8-3/4"	1454sx IntH/SupH/IntC TOC 10850'	

29. LINER RECORD					30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2-3/8"	11150'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
11572' - 11621' 6 SPF 144 Holes		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11243' - 11346' 6 SPF 192 Holes		11572' - 11621'	36582gal foam CO2/Meth 70000# VProp
		11243' - 11346'	40688gal foam CO2/Meth 81270# VProp

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-09-05		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
10-30-05	24	open		0	1175	3	NA
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
100	80		0	1175	3	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 Hume TITLE Reg Tech DATE 11-02-05

*(See Instructions and Spaces for Additional Data on Reverse Side)

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, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Wolfcamp	8633'					
Cisco-Canyon	10068'					
Strawn	10252'					
Atoka	10433'					
Morrow	11036'					

OPERATOR Magnum Hunter Resources dba Gruy Petroleum Management
WELL/LEASE Marquardt 1 Penn Fed #2
COUNTY Eddy, NM

080-0035

STATE OF NEW MEXICO
DEVIATION REPORT

445	1	7,188	2
800	1	7,283	1 1/2
1,144	1	7,378	1
1,429	2	7,631	1/2
1,587	2	7,979	1/2
1,840	3	8,453	1
1,883	3	8,928	1
2,094	1 1/2	9,401	1/2
2,221	1	9,515	1 3/4
2,570	1	9,686	1/4
2,908	1	9,970	1 1/2
3,150	1	10,382	1
3,647	1/2	10,699	1
4,090	1/2	11,016	1
4,533	1/2	11,394	1
4,976	1/2	11,730	1
5,324	1	12,135	1/2
5,776	1 1/2		
6,050	2 1/2		
6,177	1 1/2		
6,334	1/4		
6,493	3		
6,516	3		
6,619	2 1/2		
6,777	3		
6,904	3 1/2		
6,998	3		
7,093	2		

RECEIVED
SEP 12 2005
MAILROOM

BY: Steve Moore

STATE OF TEXAS
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on September 9, 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

State of New Mexico

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION

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

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

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-34194	Pool Code	Pool Name White City; Penn (Gas)
Property Code	Property Name MARQUARDT 1 PENN FEDERAL	Well Number 2
OGRID No. 162683	Operator Name GRUY PETROLEUM MANAGEMENT COMPANY	Elevation 3372'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	1	25-S	26-E		800	NORTH	1550	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 640	Joint or Infill Y	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

RECEIVED NOV 18 2005 ARTESIA Marquardt 1 Penn Fed #2 Marquardt 1 Penn Fed #1 GEODETIC COORDINATES NAD 27 NME Y=423400.3 N X=528101.1 E LAT.=32°09'50.44" N LONG.=104°14'33.08" W 2100'	3377.6' 3360.3' 800' 600' 1550' 3368.2' 3359.0'	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Zeno Farris</i> Signature Zeno Farris Printed Name Mgr Operations Admin Title November 11, 2005 Date
	1650'	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 17, 2005 Date Surveyed Signature & Seal of Professional Surveyor <i>Gary E. Edson</i> 12641 Certificate No. GARY E. EDSON