

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

LEASE DESIGNATION AND SERIAL NO.
NMNM14124

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. CONVR. ☐	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 2100' FSL & 1650' FEL At top prod. interval reported below 2100' FSL & 1650' FEL At total depth 2100' FSL & 1650' FEL					
14. PERMIT NO. _____ DATE ISSUED _____					
7. UNIT AGREEMENT NAME _____					
8. FARM OR LEASE NAME, WELL NO. Marquardt 1 Penn Federal No. 1					
9. API WELL NO. 30-015-33457 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		

ACCEPTED FOR RECORD

JUN - 7 2005

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

15. DATE SPUDDED 12-31-04	16. DATE T.D. REACHED 01-31-05	17. DATE COMPL. (Ready to prod.) 05-12-05	18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 3322' GR	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 11891'	21. PLUG BACK T.D., MD & TVD 11838'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS All
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 11066' - 11532' White City; Penn (Gas)				25. WAS DIRECTIONAL SURVEY MADE Yes

RECEIVED

JUN 09 2005

ODD-ANTERIMA

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Spaced Neutron, DLL Microguard, Cement Bond Log	27. WAS WELL CORRED No
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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 #	222'	17-1/2"	225sx Prem circ 75sx	
9-5/8" NS-110	40 #	3204'	12-1/4"	1000sx IntC/Prem circ 229sx	
5-1/2" P-110/L-80	17#	11891'	8-3/4"	1920 IntH/SupH/IntC/Prem TOC 1250'	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	11000'	

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
11430' - 11532'	6 SPF	132 Holes		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11360' - 11386'	6 SPF	108 Holes		11430' - 11532'	101000gal foam CO2 67500# 18/40 Vprop
11066' - 11134'	6 SPF	11192' - 11210'	1 SPF 108 total Holes	11360' - 11386'	42000gal foam CO2 27450# 18/40 Vprop
				11066' - 11210'	38476gal foam CO2/Methanol 68418# 18/40 Vprop

33.* PRODUCTION							
DATE FIRST PRODUCTION 05-24-05		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 05-29-05	HOURS TESTED 24	CHOKED SIZE 28/64	PROD'N. FOR TEST PERIOD →	OIL—BSL. 0	GAS—MCF. 1427	WATER—BSL. 98	GAS-OIL RATIO NA
FLOW. TUBING PRESS. 500	CASING PRESSURE 750	CALCULATED 24-HOUR RATE →	OIL—BSL. 0	GAS—MCF. 1427	WATER—BSL. 98	OIL GRAVITY-API (CORR.) N/A	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY	

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 <u>Natalie Bugger</u>	TITLE <u>Regulatory Analyst</u>	DATE <u>June 1, 2005</u>

*(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, time tool open, flowing and shut-in pressures, and recoveries);

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Wolfcamp	8603'					
Cisco Penn	9994'					
Strawn	10213'					
Atoka	10364'					
Morrow	10993'					

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

080-0029

STATE OF NEW MEXICO
DEVIATION REPORT

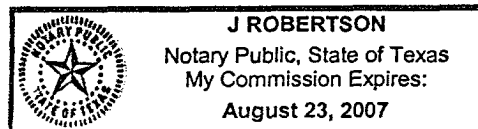
169	1	10,981	1/2
647	1	11,384	1
1,437	1 1/4	11,668	1
1,881	3 1/2	11,900	1
1,938	2 3/4		
2,103	2		
2,205	2		
2,428	1 1/2		
2,840	1 1/4		
3,153	1		
3,603	1/2		
4,022	1/2		
4,244	1/2		
4,754	1/2		
5,262	1/2		
5,707	1/2		
6,057	1/2		
6,211	1/2		
6,724	1/2		
7,094	1		
7,581	1		
8,057	1/2		
8,502	1/2		
8,820	1/2		
9,265	1/2		
9,646	1/4		
10,123	1/2		
10,601	1/2		

STATE OF TEXAS
COUNTY OF MIDLAND

BY: Steve Moore

The foregoing instrument was acknowledged before me February 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



State of New Mexico

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

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 30-015-33457	Pool Code 87280	Pool Name White City; Penn (Gas)
Property Code	Property Name MARQUARDT 1 PENN FEDERAL	Well Number 1
OGRID No. 162683	Operator Name GRUY PETROLEUM MANAGEMENT COMPANY	Elevation 3322'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	1	25-S	26-E		2100	SOUTH	1650	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	Joint or Infill	Consolidation Code	Order No.
640	N		

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

LOT 4 LOT 3 LOT 2 LOT 1 GEODETIC COORDINATES NAD 27 NME Y=421002.5 N X=528007.2 E LAT.=32°09'26.71" N LONG.=104°14'34.19" W RECEIVED JUN 09 2005 ODD-ARTESIA 3320.3' 3324.4' 600' 1650' 3308.6' 3315.8' 2100' Marquardt 1 Penn Fed #1	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 June 1, 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. JANUARY 26, 2004 Date Surveyed: REV: 12/10/04 JR Signature & Seal of Professional Surveyor <i>Gary B. Edson</i> 12/10/04 04.11.0010 Certificate No. GARY EDSON 12641
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