

N.M. Oil Cons. Div-Dist 2
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Artesia, NM 88210

PERMIT IN DUPLICATE*

(See other instructions on reverse side)

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 1600' FNL & 1200' FEL

At top prod. interval reported below 1600' FNL & 1200' FEL

At total depth 1600' FNL & 1200' FEL

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED 07-19-05 16. DATE T.D. REACHED 09-02-05 17. DATE COMPL. (Ready to prod.) 10-08-05 18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 3508' GR 19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 12180' 21. PLUG, BACK T.D., MD & TVD 12090' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → ROTARY TOOLS All CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 11190' - 11465' Cottonwood Draw; Morrow 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
DSN, DLL, CBL

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#	210'	17-1/2"	375sx PremPlus, 1" to 36" w/ 90sx, circ 10sx	
9-5/8" N-80	40 #	1892'	12 1/4"	880sx IntC/PremPlus circ 74sx	
5 1/2" P-110	17#	12180'	8-3/4"	2890sx IntC/SupH/IntC/Prem Plus	
TOC @ 2000'					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	11152'	11152'

31. PERFORATION RECORD (Interval, size and number)

11451' - 11465' 6 JSPF 54 Holes
11190' - 11265' 6 JSPF 66 Holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11451' - 11465'	30000gal foam CO2+Meth 23000# 18/40 VProp
11190' - 11265'	70000gal foam CO2+Meth 63000# 18/40 VProp

33.* PRODUCTION

DATE FIRST PRODUCTION 10-14-05		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 10-22-05	HOURS TESTED 24	CHOKER SIZE open	PROD'N. FOR TEST PERIOD →	OIL—BBL. 0	GAS—MCF. 1640	WATER—BBL. 14	GAS-OIL RATIO NA
FLOW, TUBING PRESS. 700	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL—BBL. 0	GAS—MCF. 1640	WATER—BBL. 14	OIL GRAVITY-API (CORR.) NA	

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

Natalie Krueger

TITLE

Reg Tech

DATE 10-28-05

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Wolfcamp	8392'	
Cisco-Canyon	9856'	
Strawn	10160'	
Atoka	10398'	
Morrow	10988'	

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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 30-015-34109	Pool Code	Pool Name Cottonwood Draw;
Property Code	Property Name VERN 1 FEDERAL	Well Number 1
OGRID No. 162683	Operator Name GRUY PETROLEUM MANAGEMENT COMPANY	Elevation 3508'

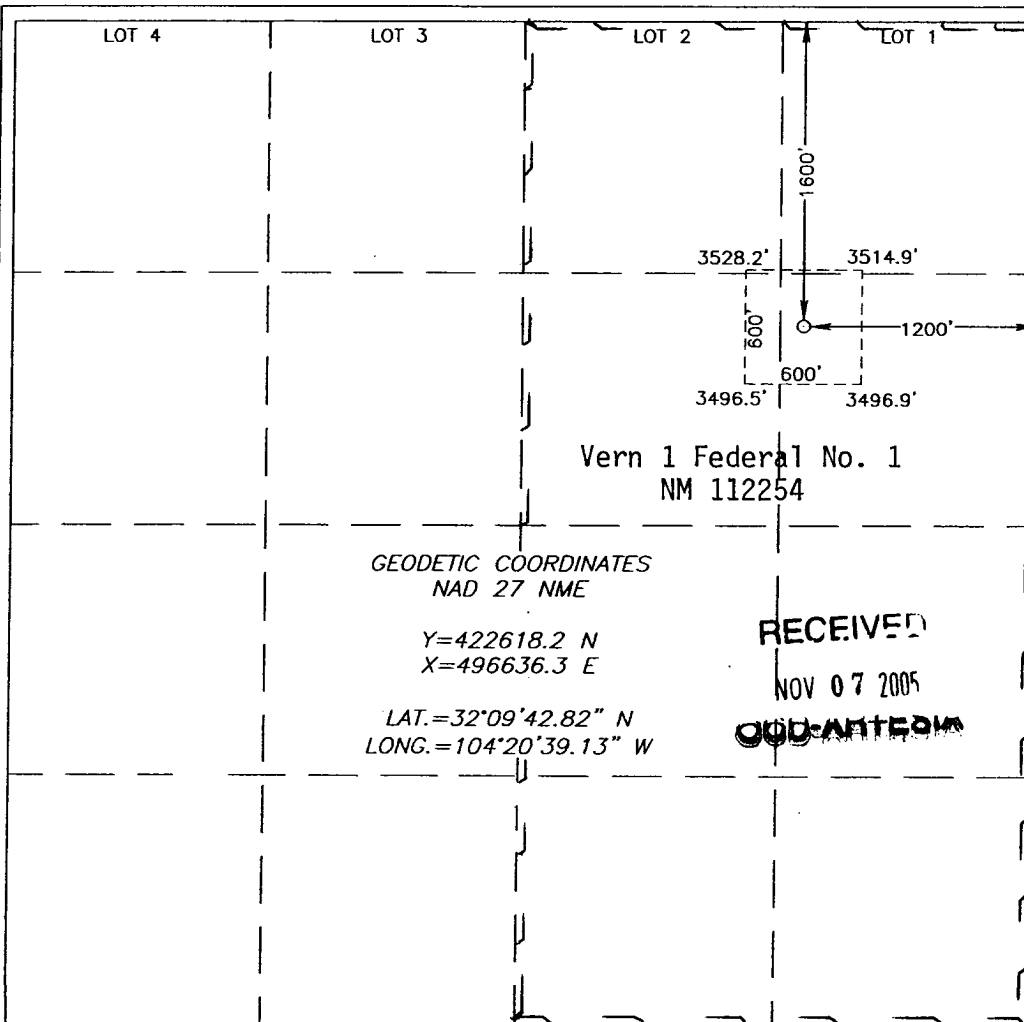
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	1	25-S	25-E		1600	NORTH	1200	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 320	Joint or Infill 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



OPERATOR CERTIFICATION

I hereby certify the the information
contained herein is true and complete to the
best of my knowledge and belief.

Zeno Farris

Signature

Zeno Farris

Printed Name

Mgr Operations Admin

Title

10-28-05

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
correct to the best of my belief.

FEBRUARY 22 2005

Date Surveyed

Signature & Seal of
Professional Surveyor

Gary Eidsen 2/9/05

05.11.0162

Certificate No. GARY EIDSON

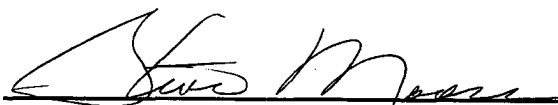
12641

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

075-0038

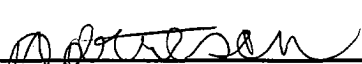
STATE OF NEW MEXICO
DEVIATION REPORT

291	1/2
798	1/2
965	3/4
1,452	1/2
1,821	1
2,166	1
2,678	1
3,153	1
3,651	1
4,128	1
4,613	1
5,110	1
5,584	1
6,563	1
6,620	2
7,044	1
7,572	1
8,046	2
8,297	1
8,505	1 1/4
8,739	1
9,277	1
9,592	2 1/2
9,814	1
10,032	1 3/4
10,234	1
10,683	1
11,117	1
11,527	1
12,027	2
12,180	2

BY: 

STATE OF TEXAS
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on September 15, 2005, by Steve Moore on behalf of Patterson - UTI Drilling Company, LP, LLLP.


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