

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. LEASE DESIGNATION AND SERIAL NO.

NMNM-68039 106964

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

NMNM 106827

8. FARM OR LEASE NAME, WELL NO.

Magnum Federal 5 Com No. 2

9. API WELL NO.

30-015-31570 52

10. FIELD AND POOL, OR WILDCAT

Shugart; Strawn, North

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

Sec 5 T-18S- R-31E

12. COUNTY OR PARISH

Eddy

13. 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. RENVR. 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 660' FSL & 1650' FEL

At top prod. interval reported below

At total depth

UT, D

ACCEPTED FOR RECORD

FEB 14 2003

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 19. ELEV. CASINGHEAD

1-7-03 1-8-03 1-10-03 3707' GR

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

11945' 11570'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

Shugart; Strawn, North - 10562' - 10970'

NA

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORRED

No

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" H-40	48 #	579'	17-1/2"	525 sx C 4% gel circ 179 sx to pit	
8-5/8" J-55	32 #	3111'	12 1/4"	1200 sx interfill circ to surface	
5-1/2" LT&C	17#	11945'	7-7/8"	1515 sx Interfil/PermTOC 3000'	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	10450'	10450

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

CIBP set @ 11590' w 20' cmt - PBDT 11570'

10892 - 10970 - 2 SPF, 76 holes

10725 - 10858 - 2 SPF, 84 holes

10562 - 10690 - 2 SPF, 128 holes

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10892 - 10970	3200 gals 15% NEFE
10725 - 10858	3200 gals 15% NEFE
10562 - 10690	3200 gals 15% NEFE

33. PRODUCTION

DATE FIRST PRODUCTION 1-10-03 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-08-03	24 hours	48/64"		954	3692	-99-	3870

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
820			954	3692	-99-	45

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

Sold

35. LIST OF ATTACHMENTS

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

SIGNED Zeno Farris

TITLE Manager Operations Admin.

DATE 2-10-03

*(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
				Strawn	10556'	

RECEIVED

2003 FEB 13 AM 9:24

BUREAU OF LAND MGMT.
ROSWELL OFFICE

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88241-0719

DISTRICT III
1000 Rio Brazos Rd., Artec, NM 87410

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31570	Pool Code	Pool Name Shugart; Strawn, North
Property Code 162683	Property Name MAGNUM 5 FEDERAL Com	Well Number 2
OGRID No.	Operator Name GRUY PETROLEUM MANAGEMENT CO.	Elevation 3707

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	5	18 S	31 E		660'	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 160	Joint or Infill N	Consolidation Code C	Order No.
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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 39.97 AC	LOT 3 39.99 AC	LOT 2 40.01 AC	LOT 1 40.03 AC	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Zeno Farris</i> Signature</p> <p>Zeno Farris Printed Name</p> <p>Mgr. Operations Admin. Title</p> <p>11/01/02 Date</p> <hr/> <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>NOVEMBER 22, 2000 Date Surveyed</p> <p><i>Gary Edson</i> Signature of Seal of Professional Surveyor</p> <p>00-11-1486 Certificate No. RONALD F. EDMON 3238 GARY EDMON 12641</p>
		Magnum Federal 5 Com 1		
		Magnum Federal 5 Com 2		
		<p>3710</p> <p>3708</p> <p>3708</p> <p>3706</p> <p>1650'</p> <p>660'</p>		

