

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NMNM 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. 3

9. API WELL NO.

30-015-32651

10. FIELD AND POOL, OR WILDCAT

Shugart; Strawn

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. 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 660' FSL & 710' FEL

At top prod. interval reported below 660' FSL & 710' FEL

At total depth 660' FSL & 710' FEL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

3-4-03

16. DATE T.D. REACHED

4-11-03

17. DATE COMPL. (Ready to prod.)

5-2-03

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

3736' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

11069'

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

11029'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

Shugart; Strawn, North - 10555' - 10922'

25. WAS DIRECTIONAL SURVEY MADE

NA

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Spaced Neutron; Dual Latterlog MGL; Long Spaced Sonic

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" H-40	48 #	468'	17-1/2"	490 sx C 4% gel circ 190 sx to pit	
9-5/8" J-55	40 #	3111'	12 1/4"	1335 sx interfill circ 315 sx to pit	
7" P-110HC	26#	11069'	8-3/4"	1075 sx Interfil/PermTOC 4130'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8" L-80	10458'	10458

31. PERFORATION RECORD (Interval, size and number)

10555' - 10922' 2 JSPF 346 Holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10555' 10922'	10000 gals 15% NEFE HCL

33.* PRODUCTION

DATE FIRST PRODUCTION 5-2-03		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 5-5-03	HOURS TESTED 24 hours	CHOKE SIZE 26/64"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 499	GAS—MCF. 2521	WATER—BBL. -0-	GAS-OIL RATIO 5052
FLOW. TUBING PRESS. 910	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 499	GAS—MCF. 2521	WATER—BBL. -0-	OIL GRAVITY-API (CORR.) 45	

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

Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Electric Logs and Deviation Survey.

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

SIGNED

Zero Farris

TITLE

Manager Operations Admin.

DATE

5-14-03

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

OPERATOR: GRUY PETROLEUM
WELL/LEASE: MAGNUM FED. 5 COM. 3
COUNTY: EDDY

075-0018

STATE OF NEW MEXICO
DEVIATION REPORT

216	1/4	7,171	4
468	1/4	7,203	3 3/4
795	1/4	7,235	4
1,395	3/4	7,267	3
1,873	1/2	7,299	3 1/4
2,318	3/4	7,363	3
2,478	1/2	7,427	3 1/4
2,960	1	7,491	2
3,292	1 1/4	7,555	2 1/2
3,359	1	7,619	2 3/4
3,783	1	7,651	3
4,200	3/4	7,717	3
4,673	1	7,781	3
4,992	1 1/2	7,844	2 1/4
5,277	2 1/4	7,907	2
5,497	1 3/4	8,003	2 1/2
5,719	1 1/4	8,130	2
6,003	1	8,449	1 1/4
6,225	1 1/4	8,576	2 1/4
6,600	3	8,725	1 1/4
6,762	4	8,979	1
6,826	4 1/4	9,389	1
6,857	4 1/2	9,494	1 1/4
6,899	5	9,682	1
6,931	4 3/4	10,182	3
6,963	5	10,219	3 1/2
6,994	4 1/4	10,322	3 1/2
7,026	4 1/2	10,663	4 1/4
7,057	5	11,069	3 3/4
7,107	5		
7,139	4 1/2		

By: Steve Moore



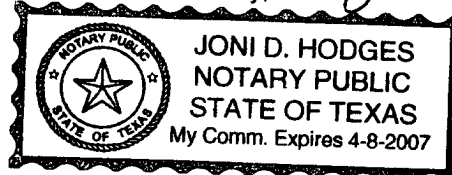
STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 16th day of April, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

My Commission Expires: 4/08/2007

Joni D. Hodges
Notary Public for Midland County, Texas



DISTRICT I
P.O. Box 1880, Hobbs, NM 88241-1880

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-32651	Pool Code	Pool Name Shugart; Strawn
Property Code	Property Name MAGNUM FEDERAL 5 COM.	Well Number 3
OGRID No. 162683	Operator Name GRUY PETROLEUM MANAGEMENT CO.	Elevation 3736'

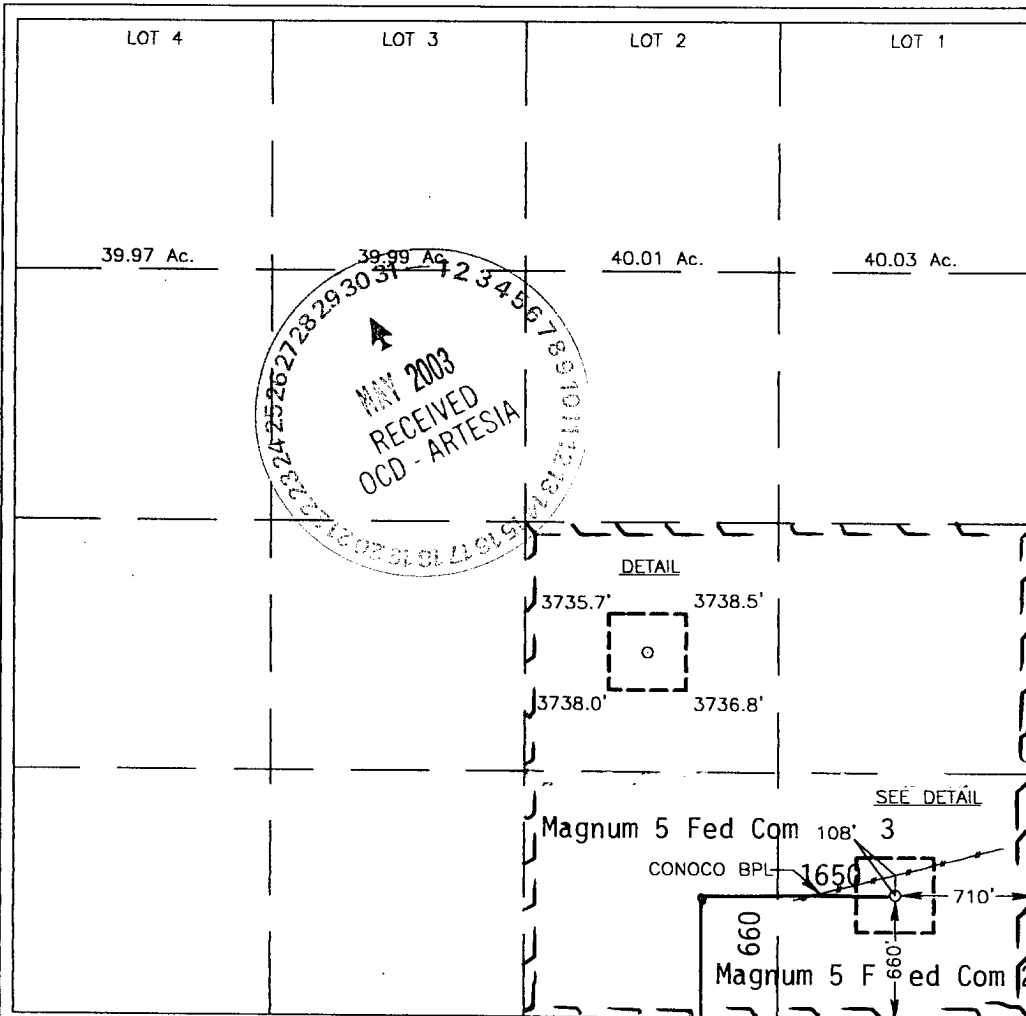
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	5	18-S	31-E		660	SOUTH	710	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 Y	Consolidation Code C	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 that 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

May 28, 2003

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 17, 2003

Date Surveyed

L.A.

Signature & Seal of
Professional Surveyor

Gary Eidson 1/21/03
03-10086

Certificate No. RONALD J. EIDSON 3239
GARY EIDSON 12641