

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions 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. 4

9. API WELL NO.

30-015-33116

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. REMV. ☐ 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 1980' FSL & 1190' FEL

At top prod. interval reported below 1980' FSL & 1190' FEL

At total depth 1980' FSL & 1190' FEL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

1-3-04

16. DATE T.D. REACHED

2-11-04

17. DATE COMPL. (Ready to prod.)

3-12-04

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

3711' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

11950'

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

11862'

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 - 10922' - 10946'

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 CORED

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	10838'	10838

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

10922' - 10946' 2 JSPF 30 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10922' - 10946'	2000 gal 15% NEFE HCL

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
3-12-04	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-13-04	24 hours	10/64"		205	488	-0-	2380
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1300	140		205	488	-0-	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 Natalie Kueger

TITLE Production Assistant.

DATE 4-20-04

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Strawn	10760'	10760'
				Atoka	11260'	11260'
				Morrow	11532'	11532'

OPERATOR: GRUY PETROLEUM
WELL/LEASE: MAGNUM 5 FED. COM. 4
COUNTY: EDDY

075-0025

RECEIVED

MAR 1 - 2004

MAILROOM

STATE OF NEW MEXICO
DEVIATION REPORT

396	0.75	6,557	4.75	9,690	2.75
605	1.00	6,588	4.75	9,818	2.75
1,026	0.25	6,620	4.75	9,978	3.75
1,503	0.75	6,652	3.75	10,138	3.75
2,040	0.50	6,683	3.75	10,328	3.75
2,418	0.75	6,715	4.75	10,520	3.75
2,766	0.25	6,746	3.75	10,773	5.75
3,143	1.00	6,778	3.75	10,870	5.75
3,522	0.75	6,809	3.75	11,002	3.75
3,900	0.50	6,873	2.75	11,092	3.75
4,442	0.50	6,904	3.75	11,220	4.75
4,560	0.50	6,936	3.75	11,347	4.75
4,885	0.50	6,968	3.75	11,475	3.75
5,075	1.00	6,999	3.75	11,602	3.75
5,265	1.50	7,031	2.75	11,657	4.00
5,414	3.75	7,062	2.75	11,950	2.00
5,478	4.50	7,094	3.75		
5,514	3.75	7,126	2.75		
5,545	4.75	7,158	2.75		
5,577	2.75	7,189	2.75		
5,609	2.75	7,252	2.75		
5,640	4.75	7,316	2.75		
5,671	4.75	7,410	2.75		
5,734	2.75	7,502	2.75		
5,766	3.75	7,600	2.75		
5,798	3.75	7,727	2.75		
5,829	3.75	7,853	3.75		
5,861	4.75	7,948	2.75		
5,896	4.75	8,043	2.75		
5,924	3.75	8,138	1.75		
5,956	4.75	8,264	1.75		
5,988	4.75	8,390	1.75		
6,019	4.75	8,486	2.75		
6,082	4.75	8,549	1.75		
6,114	3.75	8,676	3.75		
6,145	3.75	8,739	2.75		
6,209	3.75	8,802	1.75		
6,240	3.75	8,929	2.75		
6,304	3.75	9,024	2.75		
6,336	3.75	9,115	2.75		
6,367	3.75	9,277	3.75		
6,399	3.75	9,340	2.75		
6,430	3.75	9,403	2.75		
6,462	3.75	9,467	2.75		
6,493	4.75	9,499	2.75		
6,525	4.75	9,563	2.75		

RECEIVED

APR 26 2004

OCD-ARTESIA

By: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 25th day of February, 2004, by Steve Moore on behalf of Patterson-UTi Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 4/08/2007

