

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.

NMNM96835

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

NMNM112716

8. FARM OR LEASE NAME, WELL NO.

Liberty 24 Fed Com 2

9. API WELL NO.

30-015-33683 SI

10. FIELD AND POOL, OR WILDCAT

Cottonwood Draw; Morrow

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

Sec. 24; T25S; R26E

12. COUNTY OR PARISH
Eddy13. 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. ENVR. ☐ 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 1475' FSL & 940' FWL

At top prod. interval reported below 1475' FSL & 940' FWL

At total depth 1475' FSL & 940' FWL

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH
Eddy13. STATE
NM

15. DATE SPUDDED 03-17-05	16. DATE T.D. REACHED 04-15-05	17. DATE COMPL. (Ready to prod.) 06-21-05	18. ELEVATIONS (DP, RKB, RT, OR, ETC.)* 3227' GR	19. ELEV. CASINGHEAD
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20. TOTAL DEPTH, MD & TVD 12339'	21. PLUG, BACK T.D., MD & TVD 12286'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS All	CABLE TOOLS
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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Cottonwood Draw; Morrow 11556' - 11956'25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Spaced Neutron & DLL Microguard

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" J-55	54.5 #	220'	17-1/2"	250 sx Prem circ 110 sx to pit	
9-5/8" NS-110/N-80	40#	1935'	12-1/4"	650 sx IntC/Prem circ 125 sx to pit	
7" P-110	23#	9015'	8-3/4"	1115 sx IntH/SupH/IntC/Prem circ 118 sx to pit	
4-1/2" P-110	11.6#	12339'	6-1/8"	400 sx SupH TOC 4300'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
			ACCEPTED FOR RECORD		2 3/8"	11466'	

31. PERFORATION RECORD (Interval, size and number)

11839' - 11956' 6 JSPF 72 Holes

11556' - 11746' 6 JSPF 114 Holes

JUL - 6 2005
ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11953' - 11956'	1000gal 7-1/2% NEFE HLC+Methanol
11839' - 11956'	13999gal foam 45# CO2/Meth 23500# VProp
11556' - 11746'	37195gal foam 45# CO2/Meth 72050# VProp

33. PRODUCTION

DATE FIRST PRODUCTION 06-21-05	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	WELL STATUS (Producing or shut-in) Producing
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DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
06-26-05	24	8/64	→	-0-	1343	11	N/A

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
1850	2100	→	-0-	1343	11	N/A

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

TEST WITNESSED BY

Sold

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 Kueger

TITLE

Regulatory Analyst

DATE 06-30-05

*(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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Strawn	10454'	
				Atoka	10696'	
				Morrow	11362'	