

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
N.M. Oil Co. 1301 Grand Avenue  
Altesia, NM 88216

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

5. LEASE DESIGNATION AND SERIAL NO.

NMNM94839

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Pending

8. FARM OR LEASE NAME, WELL NO.

Wigeon 23 Federal Com No. 2

9. API WELL NO.

30-015-33684

10. FIELD AND POOL, OR WILDCAT

Cottonwood Draw; Morrow

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

Sec 23-T25S-R26E

12. COUNTY OR PARISH  
Eddy

13. STATE  
NM

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 1350' FNL & 1300' FEL

At top prod. interval reported below 1350' FNL & 1300' FEL

At total depth 1350' FNL & 1300' FEL

14. PERMIT NO. DATE ISSUED

AUG 16 2005

OOD-ARTESIA

15. DATE SPUDDED 04-21-05 16. DATE T.D. REACHED 05-18-05 17. DATE COMPL. (Ready to prod.) 07-29-05 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)\* 3296' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 12351' 21. PLUG, BACK T.D., MD & TVD 12300' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 11656' - 12122' Cottonwood Draw; Morrow 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Spaced Neutron, DLL Microguard, Cement Bond Log 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 #	212'	17-1/2"	250sx Prem circ 67sx	
9-5/8" P-110	40 #	1931'	12-1/4"	650sx IntC/Prem circ 175sx	
7" P-110	23#	9030'	8-3/4"	1025sx IntH/SupH/IntC/Prem circ 70sx circ	16sx
4-1/2" P-110	11.6#	12351'	6-1/8"	425 sx SupH TOC 7350'	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	11590'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
12078' - 12122' 6 JSPF 84 Holes		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11656' - 11730' 6 SPF 168 Holes		12078' - 12122'	84000gal foam CO2 46000# 18/40 VProp
		11656' - 11730'	84000gal foam CO2 50000# 18/40 VProp

33. PRODUCTION									
DATE FIRST PRODUCTION 07-29-05		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing					WELL STATUS (Producing or shut-in) Producing		
DATE OF TEST 08-03-05	HOURS TESTED 24	CHOKER SIZE open	PROD'N. FOR TEST PERIOD →	OIL—BBL. 0	GAS—MCF. 78	WATER—BBL. 61	GAS-OIL RATIO NA		
FLOW. TUBING PRESS. 50	CASING PRESSURE 1650	CALCULATED 24-HOUR RATE →	OIL—BBL. 0	GAS—MCF. 78	WATER—BBL. 61	OIL GRAVITY-API (CORR.) AUN/A 12 2000			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY			

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

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 Kuege TITLE Regulatory Technician DATE August 8, 2005

\*(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
Delaware	1924'					
Bone Spring	5452'					
Wolfcamp	8644'					
Cisco-Canyon	10378'					
Strawn	10744'					
Atoka	10844'					
Morrow	11433'					