

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
1301 W. Grand Avenue
Albuquerque, NM 88210
(See other instructions on back of side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

NMLC065347

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Estill AD Federal No. 2

9. API WELL NO.

30-015-33336

10. FIELD AND POOL, OR WILDCAT

White City; Penn (Gas)

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

Sec. 19; T24S; 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. 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 2270' FNL & 380' FEL

At top prod. interval reported below 1994' FNL & 606' FEL

At total depth 1588' FNL & 957' FEL

14. PERMIT NO.

DATE ISSUED

JUL 13 2005

OCD-ANTENNA

15. DATE SPUDDED 05-16-04 16. DATE T.D. REACHED 06-28-04 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3430' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD MD 12121' TVD 11936' 21. PLUG, BACK T.D., MD & TVD MD 11515' TVD 11392' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY All 24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 10441' - 11090' White City; Penn (Gas) 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 #	355'	17-1/2"	350sx Prem circ 94sx to pit	
9-5/8" NS-110HC	40#	1558'	12-1/4"	1218sx Prem/ThixC/IntC/Prem TOC 568'	
7" NS-110HC	23#	8017'	8-3/4"	975sx IntH/SupH/IntC/Prem TOC 4809'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2" HCP-110	7247'	12300'	475sx SupH		2 3/8"	11466'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

11911' - 11968' 6 JSPP 144 Holes
11600' - 11718' 6 JSPP 168 Holes - CIBP 11550' w/ 35' cement
11076' - 11090' 6 SPF 84 Holes
10441' - 10451' 6 SPF 60 Holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11911' - 11968'	75000gal foam CO2 50000# 18/40 VProp
11600' - 11718'	42050gal foam CO2 68000# 18/40 VProp
11076' - 11718'	1000gal NEFE-HCL-Methanol w/ N2
11076' - 11090'	3500gal NEFE-HCL 100 RCNBs

33.* PRODUCTION 10441' - 10451' 3000gal 15% NEFE-HCL 100 RCNBs

DATE FIRST PRODUCTION N/A PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) N/A WELL STATUS (Producing or shut-in) SI for evaluation

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

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 Krueger

TITLE

Regulatory Analyst

DATE 07-05-05

*(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
				Cisco	9382'	
				Strawn	10350'	
				Atoka	10840'	
				Morrow	11247'	