

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

1625 N. French Drive
Albuquerque, NM 87104

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

(See other in-
structions on
reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM 0141013	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR Gruy Petroleum Management Co.				7. UNIT AGREEMENT NAME _____	
3. ADDRESS AND TELEPHONE NO. P O Box 140907 Irving Tx. 75014-0907				8. FARM OR LEASE NAME, WELL NO. Mescalero 20 Federal No. 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 1200' FEL At top prod. interval reported below At total depth				9. APIWELLNO. 30-025-36099	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Quail Ridge ; Morrow	
15. DATE SPUDDED 02-20-04 16. DATE T.D. REACHED 03-25-04 17. DATE COMPL. (Ready to prod.) 05-26-04 18. ELEVATIONS (DF, RKB, ST, OR, ETC.)* 3715' GR 19. ELEV. CASINGHEAD 6789' 10112'				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 20 T-19S- R-34E	
20. TOTAL DEPTH, MD & TVD 13800' 21. PLUG, BACK T.D., MD & TVD 13750' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS _____ CABLE TOOLS _____				12. COUNTY OR PARISH Lea	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Quail Ridge; Morrow 13474' - 13313'				13. STATE NM	
25. TYPE ELECTRIC AND OTHER LOGS RUN Dual Spaced Neutron GRL, Dual Laterlog Micro-SFL, Cement Bond Log				26. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Spaced Neutron GRL, Dual Laterlog Micro-SFL, 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	48 #	436'	17-1/2"	490 sx Prem + circ 203 sx to pit	
9-5/8" NS-110	32# & 36#	3525'	11"	1200 sx C + Prem 430 sx to pit	
5-1/2" P-110	17#	13800'	7-7/8"	2140 sx H/C Prem + TOC surf	
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2 3/8"	13160'	13160'			
31. PERFORATION RECORD (Interval, size and number) Please see attachment					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. ACCEPTED FOR RECORD JUL 15 2004					
33. PRODUCTION RECORD					
DATE FIRST PRODUCTION 05-26-04	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 06-02-04	HOURS TESTED 24 hours	CHOKE SIZE 18/64"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 40	GAS—MCF. 747
FLOW. TUBING PRESS. 690	CASING PRESSURE -0-	CALCULATED 24-HOUR RATE →	OIL—BBL. 40	GAS—MCF. 747	WATER—BBL. 13
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			TEST WITNESSED BY _____		
35. LIST OF ATTACHMENTS NM C-122, 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 <u>Natalie K...</u>		TITLE <u>Production Assistant</u>		DATE <u>07-09-04</u>	

*(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.

Mescalero 20 Federal No. 1
Perf/Frac/Acid Attachment
30-025-36099

Perforation Record (interval, size, and number)	Acid Shot, Fracture, Cement Squeeze, etc.	
	Depth Interval MD	Amount and Kind of Material Used
13474' - 13490' 6 SPF 96 Holes	13474' - 13490'	-3500 gal 30Q / 965 scf/bbl N2 / 90 7/8" 1.3 SG ball sealers -57000 gal foamed 45# gel 7% KCL + CO2 / 34000# 18/40 Vprop
13206' - 13313' 6 SPF 126 Holes	13206' - 13313'	-3500 gal 75:25 7-1/2% HCL:Methanol w/ N2 to 5000 gal / 120 7/8" RCNBS -142000 gal 45# gel KCL + CO2 / 84000# 18/40 Vprop / 1213 bbl CO2 downhole / 860 sx 18/40 Vprop

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	12180'	
				Atoka	12450'	
				Morrow	12770'	