

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED

OMB NO. 1004-0137

Expires: November 30, 2000

5. Lease Serial No.
NMSF 078481A

1a Type of Well ☐ Oil ☒ Gas ☐ Dry Other **AUG 25 2008**
b Type of Completion ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr
Other **Farmington Field Office**

2. Name of Operator

M&G Drilling Company c/o Walsh Engineering

3. Address

7415 E. Main St. Farmington, NM 87402

3a Phone No. (include area code)

(505) 327-4892

4 Location of Well (Report locations clearly and in accordance with Federal requirements) *

At surface

2615' FNL and 660' FEL, Section 4, T27N, R8W

At top prod. interval reported below

At total depth

14. Date Spudded

02/24/08

15. Date T D. Reached

03/02/08

16. Date Completed

☐ D & A ☒ Ready to Prod
08/21/08

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No

Report to lease

8. Lease Name and Well No.

Graham #1B

9. API Well No

30-045-32645-0003

10. Field and Pool, or Exploratory

Otero Chacra

11. Sec., T., R., M., or Block and

Survey or Area Sec 4, T27N, R8W

12. County or Parish

San Juan

13. State

NM

17. Elevations (DF, RKB, RT, GL) *

5887' GL 5903.5' KB

18 Total Depth MD

6671'

TVD **6671'**

19. Plug Back T.D.: MD

6656'

TVD **6656'**

20. Depth Bridge Plug Set MD

TVD

21 Type Electric & Other Mechanical Logs Run (Submit copy of each)
Compensated Density/Neutron, Induction, CBL/GR/CCI

22 Was well cored? ☒ No ☐ Yes (Submit copy)

Was DST run? ☒ No ☐

Directional Survey? ☐ No ☒ Yes (Submit)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8" J-55	36#	0	238'		120 (142 cuft)	25.3	Surface	Circ 10 bbls
8-3/4"	7", J-55	20#	0	2542'		Lead 285 (596 cuft)	106		
						Tail 150 (183 cuft)	33	Surface	Circ 20 bbls
6-1/4"	4-1/2", J-55	10.5#	0	6669'		440 sx (633 cuft)	113	2300' CBL	

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2-3/8"	6553'							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Chacra	3084	3093	3084 - 3093	0.34"	27	Open
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
3084 - 3093	500 gal 15 % HCl, 331 bbls x-linked gel, 397,500 SCF N2, w/ 50,000# 20/40 BASF

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
08/21/08			→						Flowing
Choke Size	Tbg Press Flwg. SI	Csg Press. 660 ps	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Well Status	RCVD AUG 27 '08
									OIL CONS. DIV.
									DIST. 3

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg. SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Well Status	

(See instructions and spaces for additional data on reverse side)

NMOCD

ACCEPTED FOR RECORD

AUG 26 2008

FARMINGTON FIELD OFFICE
BY **T. Salvey**

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg SI	Csg. Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg SI	Csg. Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30 Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas Depth
Ojo Alamo	1210'				
Kirtland	1340'				
Fruitland	1860'				
Pictured Cliffs	2125'				
Chacra	3073'				
Cliff House	3787'				
Menefee	3875'				
Point Lookout	4356'				
Greenhorn	6311'				
Graneros	6375'				
Dakota	6410'				

32 Additional remarks (include plugging procedure)

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 5. Core Analysis 7. Oil

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Paul C. Thompson, P.E. Title Agent
Signature Paul C. Thompson Date 8/22/2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.