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Form 3160-4  
(August 2007)

OCT 3 2007

UNITED STATES  
DEPARTMENT OF THE INTERIOR Bureau of Land Management  
BUREAU OF LAND MANAGEMENT Farmington Field OfficeFORM APPROVED  
OMB NO. 1004-0137  
Expires. July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No NMSF-078481A
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____		6. If Indian, Allottee or Tribe Name
2. Name of Operator M & G Drilling Company		7. Unit or CA Agreement Name and No
3. Address P O Box 5940, Farmington New Mexico 87499		8. Lease Name and Well No Graham 98S
3a. Phone No. (include area code) 505-325-6779		9. AFI Well No. 30-045-32644 - 0081
4. Location of Well (Report location clearly and in accordance with Federal requirements)* 680' FSL & 775' FEL At surface		10. Field and Pool or Exploratory Basin Fruitland Coal
At top prod. interval reported below		11. Sec., T., R., M., on Block and Survey or Area Sec 4, T 27N, R08W
At total depth		12. County or Parish SAN JUAN
14. Date Spudded 01/11/2007		13. State NM
15. Date T.D. Reached 01/21/2007		17. Elevations (DF, RKB, RT, GL)* 5956'
16. Date Completed 09/14/2007 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		

18. Total Depth: MD TVD 2,270'	19. Plug Back T.D.. MD 2,207' TVD	20. Depth Bridge Plug Set MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/ CCL		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	8 5/8"	23#	Surface	217'	None	150 SX Type 5		Surface	2% CaCl <sub>2</sub> /1/4 #/sk S.F.
7 7/8"	4 1/2" J55	10.5#	Surface	2,253'	None	350 SX Type 5 Tallied w/100 SX Type 5		Surface	2% CaCl <sub>2</sub> /1/4 #/sk S.F.

24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2 3/8"	2,205'	None							

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom		Perforated Interval	Size	No Holes	Perf. Status
A) Basin Fruitland Coal Lower	2,115'	2,157'		4 JSPF	3 1/4"	120	
B) Basin Fruitland Coal Upper	2,052.5"	2,069'		4 JSPF	3 1/4"	68	
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, etc.		Amount and Type of Material
Depth Interval		
2,115'-2,157'	with 52ft - 4 JSPS .34" diameter hole	
2,052.5"-2,069'	with 17ft - 4 JSPS .34" diameter hole	

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
			→						Pump Jack, Compressed Gas
Choke Size	Tbg Press Flwg SI	Csg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/4		162	→					Well Logged off, waiting pumping & 1st production	

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	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

OCT 04 2007

FARMINGTON FIELD OFFICE  
BY 

NMOCD

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 (Solid, 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

Bottom interval 2198' Top interval 1700'

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo	684		Water Zone		
Kirtland	777		Water Zone		
Fruitland	1559		Coal- Gas		
Pictured Cliff	1824		Gas or Oil Zone		

32 Additional remarks (include plugging procedure):

33 Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
 ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. 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) Rhonda DeVilbiss

Title Production Assistant

Signature 

Date 10/03/2007

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.

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