

Form 3160-4
(March 2012)

CONFIDENTIAL

RCVD JUL 25 '12
OIL CONS. DIV.

DIST. 3

FORM APPROVED
OMB NO 1004-0137
Expires: October 31, 2014

5. Lease Serial No.
NM-76870

6. If Indian, Allottee or Tribe Name	
--------------------------------------	--

7. Unit or CA Agreement Name and No.
NMNM-128059

8. Lease Name and Well No.	Meadows 108-3014 01H
----------------------------	----------------------

9. API Well No.	30-045-35320-0051
-----------------	-------------------

10. Field and Pool or Exploratory
Greek Gallup

11. Sec., T., R., M., on Block and
Survey or Area Section 8, Township 30N, Range
14W

12. County or Parish	13. State
San Juan	NM

3. Address 370 17th Street, Suite 1700
Denver, CO 80202

3a. Phone No (include area code)
720-876-3437

4 Location of Well (Report location clearly and in accordance with Federal requirements)*
 Lot I, Section 8, Township 30N, Range 14W, 1599' FSL, 292' FEL
 At surface

Section 8, Township 30N, Range 14W, 1751' FSL, 1031' FEL

At top prod. interval reported below

At total depth Lot L, Section 8, Township 30N, Range 14W, 1789' FSL, 356' FWL

14. Date Spudded 04/15/2012	15. Date T.D. Reached 05/17/2012
--------------------------------	-------------------------------------

16. Date Completed 06/20/2012
☐ D & A ☒ Ready to Proceed

17. Elevations (DF, RKB, RT, GL)*	5557 KB
-----------------------------------	---------

18	Total Depth	MD	9467
		TVD	5114

19	Plug Back T D	MD 6080
		TVD 6080

20	Depth Bridge Plug Set.	MD	4600
		TVD	4600

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DSN SD ACTR CSNG

22. Was well cored?	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes (Submit analysis)
Was DST run?	<input type="checkbox"/> No	<input type="checkbox"/> Yes (Submit report)
Directional Survey?	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes (Submit copy)

[illegible]

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875" J55	4892'	Seat Nipple @4859'						

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Gallup	5573' MD	9467' MD	5649'-9296'	0.46"	588	Open
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
5649'-9296'	Please see attached Hydraulic Fracturing Fluid Product Component Information Disclosure.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/28/12	06/28/12	24	➡	12	1441	123	unknown	unknown	Flowing
Choke Size	Tbg. Press Flwg SI	Csg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
26/64	Avg 688	Avg 820	➡	12	1441	123	120,000	Flowing back	

25a. Production History									
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~~

JUL 13 2012

NMOCDA

FARMINGTON FIELD OFFICE
BY T. Sellers

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)
Flared

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

Fruitland Coal 631', Pictured Cliffs 1066', Lewis Shale 1271', Cliffhouse Sandstone 2634', Menefee 2758', Point Lookout 3514', Mancos 3897', Gallup 4849', Upper Carlile Shale 5253', Juana Lopez Shale 5297', Carlile Shale 5396', continued...

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Gallup	4849	5176	Gas, oil	Greenhorn Limestone	5612'
Dakota	5732	5957	Gas, oil, water	Graneros Shale	5683'
				Dakota Group	5732'
				Morrison	5957'

32. Additional remarks (include plugging procedure):

Core analysis not yet received, laboratory has extreme backlog of work.

*Set 17 external swellable casing packers for isolation of production string at: (1) 9224' (2) 8988' (3) 8754' (4) 8520' (5) 8287' (6) 8054' (7) 7820' (8) 7586 (9) 7352' (10) 7118' (11) 6884' (12) 6649' (13) 6415' (14) 6137' (15) 5859' (16) 5573' (17) 4359'

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: Hydraulic Fracturing Fluid Product Component Info Disclosure

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) Amanda Cavoto Title Engineering Technician
 Signature [Signature] Date 07/05/12

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.

(Continued on page 3)

(Form 3160-4, page 2)