

Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

25. Lease Serial No. SF 079045

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. Northeast Blanco Unit NM-0784020

8. Lease Name and Well No. NEBU 416A

9. AFI Well No. 30-045-337620131

10. Field and Pool, or Exploratory Basin Fruitland Coal

11. Sec., T., R., M., on Block and Survey or Area Sec. 21, T31N, R7W

12. County or Parish San Juan

13. State NM

17. Elevations (DF, RKB, RT, GL)* GL 6,381'

10. Date Spudded 07/22/2006

15. Date T.D. Reached 08/14/2006

16. Date Completed 09/28/2006

18. Total Depth: MD 3,687' TVD 3,368'

19. Plug Back T.D.: MD 3,687' TVD 3,368'

20. Depth Bridge Plug Set: MD TVD

22. Type Electric & Other Mechanical Logs Run (Submit copy of each) Mud Logs

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	9-5/8H140	32.3#	0	315'		200 sx	42 bbls	Surface	0
8 3/4"	7-J55	23#	0	3,170'		Ld 575 sx	151 bbls	Surface	0
						Tl 50 sx	11 bbls		
6 1/4"	5-1/2J55	15.5#	0	3'687'		N/A	N/A	N/A	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	3,669'							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Fruitland Coal	3,264'	3,687'	3,266' - 3,587'	0.45"	340	Open
B)						
C)						
D)						

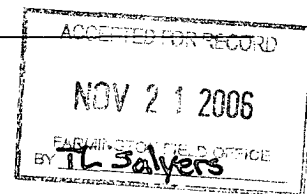
Depth Interval	Amount and Type of Material
N/A	N/A

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
09/28/2006			➡						Pumping unit
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 71	24 Hr. Rate ➡	Oil BBL	Gas MCF 273	Water BBL	Gas/Oil Ratio	Well Status	Waiting on pipeline connection

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)

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 (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
				Fruitland 1st Coal Pictured Cliffs Pictured Cliffs Main	3264 3499 3584

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) Melisa CastroTitle Senior Operations Technician

Signature



Date

November 16, 2006

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.