

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **01MSF-078499**

6. If Indian, Allottee or Tribe Name
NA

7. Unit or CA Agreement Name and No.
96280 FARMINGTON

8. Lease Name and Well No.
Federal 13-22 #2

9. AFI Well No.
30-045-31982

10. Field and Pool, or Exploratory
Basin Fruitland Coal

11. Sec., T., R., M. on Block and Survey or Area
Sec. 22 T28N-R8W

12. County or Parish
San Juan

13. State
NM

14. Date Spudded
11/30/2004

15. Date T.D. Reached
12/12/2004

16. Date Completed
12/18/2004
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6395' GL

18. Total Depth: MD **2991'**
TVD

19. Plug Back T.D.: MD **2924'**
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Compensated Neutron Log

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No 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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
8 3/4"	7" H-40	17#	-1' GL	301'		185sx Class B	39 bbl	Surface	Circ. 11 bbl
6 1/4"	4.5" J-55	10.5#	+1' GL	2966'		250sx Class B	92 bbl	Surface	Circ. 28 bbl
						150sx Class B	32 bbl	Surface	

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"	2794'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Fruitland Coal	2624'	2794'	2677'; 2689'; 2735'; 2740'		1spf; 4 holes	Open
B)			2713'-2716'		1spf; 3 holes	Open
C)			2756'		2spf; 2 holes	Open
D)			2780'-2794'		4spf; 56holes	Open

26. Perforation Record

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

Depth Interval	Amount and Type of Material
2677'-2794'	Spearhead with 1000gal 15% HCl
	Frac with 52350gal gelled fluid, 838901scf N2, 88380# 20/40 Brady sand, 27800# 20/40 SuperLC sand, in 5 stages
	Flush with 1436gal 60Q N2 foam/AquaSafe L20

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
			→						Sundry of tests to follow
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						SI:WOPI

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	
			→						

ACCEPTED FOR RECORD
JAN 11 2005
FARMINGTON FIELD OFFICE
BY *gib*

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

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 Coal	2624'	2794'			

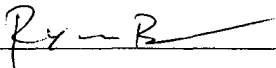
32. Additional remarks (include plugging procedure):

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) Ryan Bruner Title Geologist

Signature  Date 12/28/2004

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.