

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0157  
Expires: November 30, 2000

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMSF-078094

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name  
NA

7. Unit or CA Agreement Name and No.  
NA

8. Lease Name and Well No.  
FULLERTON FEDERAL 27-11 #14

9. API Well No.  
30-045-30825

2. Name of Operator  
MARKWEST RESOURCES, INC  
Contact: CINDY BUSH  
E-Mail: cbush@markwest.com

3. Address 155 INVERNESS DRIVE WEST, SUITE 200  
ENGLEWOOD, CO 80112  
3a. Phone No. (include area code)  
Ph: 303.925.9283

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface SWSW Lot M 1025FSL 685FWL

At top prod interval reported below SWSW Lot M 1025FSL 685FWL

At total depth

10. Field and Pool, or Exploratory  
KUTZ PC WEST

11. Sec., T., R., M., or Block and Survey  
or Area Sec 14 T27N R11W Mer NMP

12. County or Parish  
SAN JUAN  
13. State  
NM

14. Date Spudded  
03/15/2002

15. Date T.D. Reached  
03/21/2002

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
05/08/2002

17. Elevations (DF, KB, RT, GL)\*  
6264 GL

18. Total Depth: MD  
TVD 2163

19. Plug Back T.D.: MD  
TVD 2149

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
GSL LOG

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

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
8.375	7.000 K-55	23.0	0	178		55		00	
6.250	4.500 K-55	10.5	0	2163		277		0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	2035							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)			1969 TO 2135	0.290	20	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
1969 TO 2135	ACDZ W/1,000 GAL 15% HCL. AND 50-7/8" 1.3 SP GR RCN PERF BALLS. 3800 PSIG.
1969 TO 2135	FRAC W/ 109,000# 20/40 BRADY SAND IN 70Q FOAM W/25# GEL AS BASE FLUID

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
			→						FLOW FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→					PGW	

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 reverse side)

ELECTRONIC SUBMISSION #11168 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**\*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\***

**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.)  
SOLD

## 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 KIRTLAND FRUITLAND PICTURE CLIFFS	915 1009 1507 1968	1009  1968		PICTURE CLIFFS	1968

## 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 | 6. Core Analysis   | 7 Other:      |                       |

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

Electronic Submission #11168 Verified by the BLM Well Information System.  
For MARKWEST RESOURCES, INC, will be sent to the Farmington

Name (please print) CINDY BUSH

Title AUTHORIZED REPRESENTATIVE

Signature

(Electronic Submission)

Date 05/10/2002

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.

**\*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\***