

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMSF078094

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
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 _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator MARKWEST RESOURCES INC			8. Lease Name and Well No. FULLERTON FEDERAL 130		
3. Address 155 INVERNESS DRIVE WEST ENGLEWOOD, CO 80111			9. API Well No. 30-045-31075-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESE 670FSL 840FEL At top prod interval reported below At total depth			10. Field and Pool, or Exploratory BASIN FRUITLAND COAL		
14. Date Spudded 04/08/2003			15. Date T.D. Reached 04/15/2003		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/09/2003			17. Elevations (DF, KB, RT, GL)* 6109 GL		
18. Total Depth: MD 1907 TVD			19. Plug Back T.D.: MD 1885 TVD		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) IND OTH		
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 analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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
			0						
			0						
			0						
12.250	8.375 LS	23.0	0	187		100			
6.250	4.500 K-55	11.0	0	1907		250			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	1777							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	1816	1830	1535 TO 1710	0.450	80	OPEN
B) FRUITLAND COAL	1816	1830	1816 TO 1830	0.450	56	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
1540 TO 1710	FRAC'D W/55,468# 20/40 BRADY SAND IN 70Q FOAM W/20# X-LINKED GEL AS BASE FLUID
1540 TO 1710	ACCZ W/1000GAL 15% HCL ACID & 160 PERF BALLS. BALLOFF TO 4300PSI
1540 TO 1710	RE-FRAC W/110,000# 20/40 SAND IN 73Q FOAM W/20# X-LINKED GEL AVE 53 BPM AT 2300#, ISIP-1475
1816 TO 1830	ACDZ/1000 GALS 15% HCL AND 120 7/8" 1.3 SPGR RCN BALL SEALERS. AVG 6BPM AT 850#.

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
05/21/2003	05/19/2003	24	→	1.0	1.0	1.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64	40	40.0	→	1	1	1		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
05/21/2003	05/19/2003	24	→	1.0	1.0	1.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64	40	40.0	→	1	1	1		PGW	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #21617 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

NMCCD

ACCEPTED FOR RECORD

MAY 29 2003

FARMINGTON FIELD OFFICE

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
NACIMIENTO	0	799		KIRTLAND	892
OJO ALAMO	799	906		FRUITLAND	1495
				PICTURED CLIFFS	1855

32. Additional remarks (include plugging procedure):
NO REMARK PROVIDED

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 #21617 Verified by the BLM Well Information System.
For MARKWEST RESOURCES INC, sent to the Farmington
Committed to AFMSS for processing by Adrienne Garcia on 05/29/2003 (03AXG1247SE)**

Name (please print) CINDY BUSH

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 05/20/2003

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #21617 that would not fit on the form

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

Depth Interval	Amount and Type of Material
1816 TO 1830	FRAC'D W/85,000# 20/40 BRADY SAND IN 70Q FOAM W/20# X-LINKED GEL AS BASE FLUID AVG BPM @2050#