

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

| | | | | | |
|---|--|------------------------------------|--|--------------------------------------|--|
| 1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other | | | 5. Lease Serial No. NMSF078094 | | |
| 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 _____ | | | 6. If Indian, Allottee or Tribe Name | | |
| 2. Name of Operator MARKWEST RESOURCES INC | | | 8. Lease Name and Well No. FULLERTON FEDERAL 142 | | |
| 3. Address 155 INVERNESS DRIVE WEST ENGLEWOOD, CO 80111 | | | 9. API Well No. 30-045-31144-00-S1 | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements) Sec 14 T27N R11W Mer NMP At surface SENW 1910FNL 1715FWL At top prod interval reported below At total depth | | | 10. Field and Pool, or Exploratory BASIN FRUITLAND COAL | | |
| 14. Date Spudded 03/25/2003 | | | 15. Date T.D. Reached 03/31/2003 | | |
| 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/24/2003 | | | 17. Elevations (DF, KB, RT, GL)* 1913 GL | | |
| 18. Total Depth: MD 2113 TVD | | 19. Plug Back T.D.: MD 2090 TVD | | 20. Depth Bridge Plug Set: MD TVD | |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL DIL | | | 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 |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 12.250 | 8.625 LS | 23.0 | 0 | 172 | | 140 | | | |
| 6.250 | 4.500 K55 | 11.0 | 0 | 2113 | | 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) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.375 | 1902 | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------------|------|--------|---------------------|-------|-----------|--------------|
| A) FRUITLAND COAL | 1938 | 1948 | 1722 TO 1897 | 0.450 | 56 | OPEN |
| B) FRUITLAND COAL | 1938 | 1948 | 1938 TO 1948 | 0.450 | 40 | OPEN |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 1722 TO 1897 | FRAC'D W/110,000#20/40 BRADY SAND IN 72Q FOAM W/20# X-LINKED GEL. AVG 52 BPM @1907 PSI, ISIP 62# |
| 1722 TO 1897 | ACDZW/1,000 GALS 15% HCL ACID W/120-7/8" 1.3 SP GR RCN BALL SEALERS. @ 4000# |
| 1938 TO 1948 | ACDZW/1,000 GALS 15% HCL ACID W/90-7/8" 1.3 SP GR RCN BALL SEALERS. |
| 1938 TO 1948 | FRAC'D W/85,000#20/40 BRADY SAND IN 70Q FOAM W/20# X-LINKED GEL. AVG 52 BPM @2090 PSI, ISIP 62# |

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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 05/05/2003 | 04/24/2003 | 24 | → | 0.0 | 1.0 | 1.0 | | | FLows FROM WELL |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| 64/64 | SI 80 | 80.0 | → | 0 | 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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 05/05/2003 | 04/24/2003 | 24 | → | 0.0 | 1.0 | 1.0 | | | FLows FROM WELL |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| 64/64 | SI 80 | 80.0 | → | 0 | 1 | 1 | | PGW | |

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

ELECTRONIC SUBMISSION #21081 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMOCD

MAY 14 2003

ACCEPTED FOR RECORD

BLM REVISION 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 OJO ALAMO | 0 896 | 896 988 | | OJO ALAMO KIRTLAND FRUITLAND PICTURED CLIFFS | 878 974 1590 1953 |

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 #21081 Verified by the BLM Well Information System.
For MARKWEST RESOURCES INC, sent to the Farmington
Committed to AFMSS for processing by Adrienne Garcia on 05/14/2003 (03AXG1171SE)**

Name (please print) CINDY BUSHTitle AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission)

Date 05/05/2003

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 ****

Company: MARKWEST RESOURCES, INC.
 Well: FULLERTON FEDERAL NO. 142
 Field: BASIN FRUITLAND
 Engineer: NEIL TEFTELLER
 Gauge Type: AMERADA
 Gauge Range: 0 - 500
 Gauge Depth: 1900 ft
 Serial No.: 72851R

County: SAN JUAN
 State: NEW MEXICO
 Date: 5/2/2003
 Well Type: GAS
 Test Type: GRADIENT
 Status: SHUT IN
 File Name: 51857

| | | | |
|-----------------------|----------|-----------|---------|
| Tubing: 2 3/8" | TO 1901' | PBTD | 2090 ft |
| Tubing: 2 3/8" | TO 1901' | Oil Level | |
| Casing: 4 1/2" | TO 2113' | H2O Level | |
| Perfs.: 1722' - 1897' | | | |
| Perfs.: 1938' - 1948' | | | |

| | | | | | |
|-------------|------|---------|-------------|-------|------|
| Shut-in BHP | 78 @ | 1900 ft | Shut-in BHT | 0 F @ | 0 ft |
| Shut-in WHP | 72 | | Shut-in WHT | 0 F | |
| Casing CSGP | 72 | | | | |

[Tefteller Incorporated]

| # | MD | TVD | PRESSURE | PSI/ft |
|---|------|------|----------|--------|
| 1 | 0 | 0 | 72.00 | |
| 2 | 1000 | 1000 | 75.00 | 0.003 |
| 3 | 1500 | 1500 | 77.00 | 0.004 |
| 4 | 1700 | 1700 | 77.00 | 0.004 |
| 5 | 1900 | 1900 | 78.00 | 0.005 |

WELL SHUT IN
 BAKER 1.78 'F' NIPPLE @ 1868'

