Form 3160-4
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

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

2. Name of Operator
MarkWest Resources, Inc.

8. Lease Name and Well No.
Fullerton Federal #14-1

3. Address
155 Inverness Drive West, Ste 200, Englewood, Colorado  80112

3a. Phone No. *(include area code)*
303-925-9283

9. API Well No.
30-045-30855

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

At surface   1105 FNL & 1115' FEL

At top prod. interval reported below   Same

At total depth   Same

10. Field and Pool, or Exploratory
Basin Dakota

11. Sec., T., R., M., on Block and Survey or Area   Sec.14-27N-11W

12. County or Parish
San Juan

13. State
NM

| 14. Date Spudded | 15. Date T.D. Reached | 16. Date Completed ☐ D&A ☑ Ready to Prod. 4-12-02 | 17. Elevations (DF, RKB, RT, GL)* |
|---|---|---|---|
| 2-3-02 | 4-5-02 | | 6,510' KB |

| 18. Total Depth: MD 6,544' TVD | 19. Plug Back T.D.: MD  6,517 TVD | 20. Depth Bridge Plug Set:   MD TVD |
|---|---|---|

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

IND/GR/GR-CNL-DENS/GR TRACER

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 Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|---|---|---|---|---|---|---|---|---|---|
| 12-1/4" | 8-5/8"/J-55 | 23# | 0 | 379' | --- | 290 Cl "B" | | Surf | 0 |
| 7-7/8" | 4-1/2"/N-80 | 11.6# | 0 | 6,544' | --- | 1250 C "B" 1150 | 503 | Surf | 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) |
|---|---|---|---|---|---|---|---|---|
| 2-3/8" | 6,517' | | | | | | | |

25. Producing Intervals / 26. Perforation Record

| Formation | TOP | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|---|---|---|---|---|---|---|
| A) Dakota | 6356' | | 6360-6452' | 1-0.30" | 29 | Open |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|---|---|
| 6360-6452' | acz w/1000 gals 15% HCL & 70 perf balls |
| | frac w/85,000# 20/40 Super LC sand in 70 Quality N2 foam |
| | |
| | |

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 |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| Choke Size | Tbg. Press. Flgw. SI | Csg. Press | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas: Oil Ratio | Well Status | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

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 | Call Press | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas: Oil Ratio | Well Status |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Waiting on Pipeline |

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

APR 25 2002  APR 24  AM 11:18  070 FARMINGTON NM  RECEIVED