

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

5. Lease Designation and Serial No.

NMSF079352A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Harrington Fed 28-1Y

9. API Well No.

30-039-24363

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Rio Arriba County, NM

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas ☒ well ☐ Well ☐ Other

2. Name of Operator

Rio Chama Petroleum, Inc.

3. Address and Telephone No.

P.O. Box 3027, Pagosa Springs, CO 81147

4. Location of Well (Footage, Sec., T., R., M. or Survey Description)

2310' FNL & 2115' FEL (Unit G) Section 28-24N-01W

12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☒ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report result of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

We have recompleted the captioned well to the Fruitland Coal Formation using the attached procedure.

14. I hereby certify that the foregoing is true and correct

Signed

Title

President

Date

7/2/01

(This space for Federal or State office use)

Approved by

/s/ Patricia M. Hester

Title

Lands and Mineral Resources

Date

JUL 24 2001

Conditions of approval, if any:

Daily Workover Report
Harrington Fed 28-1Y

5/8/01 MI
5/9/01 RU substructure & rotary. POOH w/ 211 jts. 2 7/8" tbg. Land down 111 jts. Stood 100 joint in derrick. RU BWWC. Set CIBP @ 7550'. Dump 50' cmt on top. RU welder and hot trap 9 5/8" csg. at surface. Csg. had only 20# pressure.
5/10/01 Set CIBP @ 6598' and 4850'. Each w/ 50' ^{-74 ps - 14} cmt. on top. RD BWWC. PU drill collars and drill pipe with csg. cutter and TIH. Cut 7" @ 3850'. No indication of cut at surface. Cut csg. @ 3845'. Slight surface indication of cut. POOH w/ DP & cutter. Unbolt wellhead. Spear into 7" w/ PU tool. Pull 215,000# (estimated csg. weight 100,000#). Csg. stretched approx. 8" indicating deep freepoint. Csg. believed stuck in openhole section between 9 5/8" csg shoe @ 3434' and 7" csg. cut @ 3845'. TIH w/ cutter. Cut 7" @ 3400. No surface indication. Cut 7" @ 3397'. Well started to flow. Flow rate estimated at 50 MCF/D.
5/11/01 Load hole with water to kill well. Latch into 7" with spear. POOH w/ 7" laying down.
5/12/01 Finish POOH & LD 7". RU BWWC. Tag top of 7" @ 3393' WL. Set 9 5/8" CIBP @ 3388' (No cmt. on top). Run GR-N from 2350'-3378'. Nipple up rental BOP's. PU 9 5/8" mill & TIH to 3064'.
5/13/01 Break circulation with rig company mud pump. Pump too small to open mill. Get larger mud pump from town. Commence milling window in 9 5/8" csg. from 3065' - 3094'.
5/14/01 Finish milling window. Circulate hole.
5/15/01 POOH LD Drill pipe. TIH w/ boot, perf sub, 2 joint of 2 3/8" tbg and full string of 2 7/8". Jetting hole with air to unload while tripping in.
5/16/01 RU BWWC. Run 1 11/16" GR log thru tbg. Log indicates bottom of window milled @ 3086'. Pipe tally shows window milled from 3065' - 3094'. Believe pipe tally to be correct - must have had a false bottom of tbg. on the GR run. RD BWWC. RU Lander. Drill four 440' laterals on 90 deg. phasing at 3094'. PU 4' and drill four 440' lateral on 90 deg. phasing at 3090. PU 5'.
5/17/01 Drill four 440' lateral on 90 deg. phasing at 3085'. PU 9' and drill four 440' lateral on 90 deg. phasing at 3076'. PU 3' and drill four 440' lateral on 90 deg. phasing at 3073'. PU 3' and drill four 440' lateral on 90 deg. phasing at 3070'. RD Landers
5/18/01 POOH w/ 2 7/8" tbg., subs, 2 jts. 2 3/8" tbg, and Landers boot. TIH w/ 99 jts. 2 7/8" tbg. Landed at 3123'. RU to swab.
5/20/01 Commence swabbing well. Retrieving soapy load water. No noticeable coal fines. SIFN
5/21/01 SITP 25#. Swab every hour. Getting about 30' of soapy water per run.
5/22/01 SITP 25#, SICP 30#. Set up to swab. Initial fluid level 300' off bottom. Swab every hour.

5/23/01 Est. SICP +200# (gauges broken). Opened tbg. well unloaded gas cut
foam for several minutes. Set up to swab. Swab every hour.

5/24/01 Run rods and pump. RDMO