

(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

NM 30014

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

CARRACAS UNIT

8. Well Name and No.

CARRACAS 21 B #13

9. API Well No.

30-039-24420

10. Field and Pool, or Exploratory Area

BASIN FRUITLAND COAL

11. County or Parish, State

RIO ARRIBA, NM

1. Type of Well

☐ Oil ☒ Gas
☐ Well ☒ Well ☐ Other

2. Name of Operator

VASTAR RESOURCES, INC.

3. Address and Telephone No.

1816 E. MOJAVE ST., FARMINGTON, NM 87401 (505) 599-4300

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

SWSW 920' FSL & 810' FWL SEC. 21, T-32W, R-4W**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

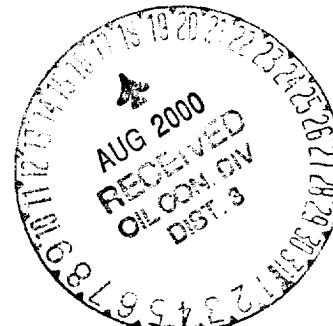
- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing Repair
- ☐ Altering Casing
- ☒ Other **RE-PERF & RE-FRAC**

- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-Off
- ☐ Conversion to Injection
- ☐ Dispose Water

(Note: Report results 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.)*

Vastar elected to reperforate and refrac the Fruitland Coals in the subject well in an attempt to increase gas flow rates. Reperforated Fruitland Coal fm 4200-4218 18' w/ 4 spf adding 72 holes w/ 0.42" diameter and treated all perfs w/ 700 gal 10 % formic acid followed w/ 49,855 gal 25# /20# Delta frac 140 gel w/ sandwedge containing 1,121 sx 20/40 Brady sand. After cleaning out the 5 1/2" csg to 4319' (PBTD), a 1.9", 2.76#, J-55, 10RD IJ tbg assembly was run w/ 2 GLM'S, a profile nipple and WL re-entry guide. No pkr, EOT at 4194'. Flowed and cleaned well to a flowback tank and prepare to return to production. Operations started on 07/21/2000 and were completed on 08/04/2000.



cc: BLM, Farmington (Or + 3)

N. Hall
Well File

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

Signed *Tom W. Morgan*Title **WORKOVER SUPERVISOR**Date **08/7/2000**

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

*See Instruction on Reverse Side

AUG 15 2000

NMOCD

RECEIVED
OIL CON. DIV.
DIST. 3