

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

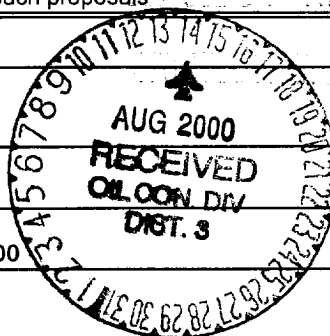
FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
5. Lease Designation and Serial No.  
**NM 30586 29339**  
6. If Indian, Allottee or Tribe Name  
7. If Unit or CA, Agreement Designation  
**CARRACAS UNIT**  
8. Well Name and No.  
**CARRACAS FR #104**  
9. API Well No.  
**30-039-24479**  
10. Field and Pool, or Exploratory Area  
**BASIN FRUITLAND COAL**  
11. County or Parish, State  
**RIO ARRIBA, NM**

**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**

1. Type of Well  
☐ Oil Well ☒ Gas 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)



**SWNE 1650' FNL & 1850' FEL SEC. 15, T-32N, R-4W**

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

TYPE OF SUBMISSION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <b>RE-PERF &amp; RE-FRAC</b>	<input type="checkbox"/> 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 3356-68 (12'), and 3396-3400 (4'), 16' w/ 4 spf adding 64 holes w/ 0.42" diameter and treated all perfs w/ 500 gal 10 % formic acid followed w/ 70,441 gal 25# Delta frac 140 gel w/ sandwedge containing 1,330 sx 20/40 Brady sand. After cleaning out the 5 1/2" csg to 3508' (PBTD), a 1.9", 2.76#, J-55, 10RD IJ tbq assembly was run w/ 2 GLM'S, profile nipple and WL re-entry guide. No pkr, EOT at 3360'. Flowed and cleaned well to a flowback tank and prepare to return to production. Operations started on 06/28/2000 and were completed on 07/26/2000.

cc: BLM, Farmington (Or + 3)

N. Hall  
Well File

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

Signed *Sam Morgan*

Title **WORKOVER SUPERVISOR**

Date **07/27/2000**

(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

116 4 1 2000

NMOCB

*Sam*