

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.
14-20-603-2198

6. If Indian, Allottee or Tribe Name

Navajo Tribal

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Navajo H #5

9. API Well No.
30-045-13101

10. Field and Pool, or Exploratory Area

W. Kutz PC/Basin FR Coal

11. County or Parish, State

San Juan County, NM

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

RICHARDSON OPERATING COMPANY

3. Address and Telephone No. c/o Walsh Engr. & Prod. Corp.

7415 E. Main Farmington, N.M. 87402 505 327-4892

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

705'FSL & 660'FWL Section 13, T29N, R14W

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 See Below

- ☐ 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.)*

Well Completed as per attached treatment report.

RECEIVED
AUG 09 1999

OIL CON. DIV.
DIST. 3

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

Signed

Title John C. Thompson, Agent

Date

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

ACCEPTED FOR RECORD

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 statement or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

NMOCD

FARMINGTON FIELD OFFICE
BY Shm

FRACTURE TREATMENT REPORT

Operator: Richardson Operating Well Name: Navajo H #5
Date: June 30, 1999
Field: Kutz West PC / Fruitland Coal Location: 16/30N/14W County: San Juan State: NM
Stimulation Company: American Energy Services Supervisor: John Thompson

Stage #: 1/1

Sand on location (design): 40,000# Weight ticket: 41,360 Size/type: 16/30 Arizona
Fluid on location: No. of Tanks: 1 Strap: 17 Amount: 340 Usable: 320

Depth: 876' - 882' & 890' - 904' Total Holes: 60 PBTD: 2370'
Shots per foot: 3 spf EHD: 0.30"

Acid: n/a
Balls: n/a
Pressure: 910# Rate: 3.0 bpm

ATP: 1180# AIR: 40 bpm
MTP: 1330# MIR: 42 bpm

ISIP: 660#
5 min: n/a
10 min: n/a
15 min: n/a

pad 1400# 13 cps broke in 20 min.
1 ppg 1230#
2 ppg 1220#
3 ppg 1210#
4 ppg 1185#

Job Complete at: 16:30 hrs. Date: 6/30/99 Start flow back: 17:30 6/30/99
Total Fluid Pumped: 200 bbls
Total Sand Pumped: 41,200# Total Sand on Formation: 41,000#
Total Nitrogen Pumped: 76,320 scf

Notes:

Base fluid: 20# liner gel in 60 Quality foam.
Additives: Foamer - 51 gal (5 gal/1000 gal)
Breakers - 9 gal (1 gal/1000 gal)
3# of biocide

Unable to rig up flow back manifold until iron truck & sand master moved off location - location is very small.

Signature

