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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: SF-078039

6. If Indian, Allottee or Tribe Name:

7. If Unit or CA, Agreement Designation:

1. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.: Barnes B 21

2. Name of Operator: Amoco Production Company — Pat Archuleta

9. API Well No.: 3004527743

3. Address and Telephone No.: P.O. Box 800, Denver, CO 80201 — (303) 830-5217

10. Field and Pool, or Exploratory Area: Fruitland

4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 1250' FSL 800' FWL Sec. 13-T32N-R11W Unit M

11. County or Parish, State: San Juan, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other Repair	☐ Dispose Water

(Note: Report results of multiple completion o
Completion or Recompletion Report and Log

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 give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Amoco Production Company requests permission to repair this well per attached procedur

If you have any technical questions please contact Khanh Vu at (303) 830-4920 or Pat Archuleta at (303) 830-5217 for any administrative concerns.

RECEIVED
BLM
96 JUL 22 AM 9:41
070 FARMINGTON, NM

RECEIVED
JUL 30 1996
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct
Signed Pat Archuleta Title Clerk Date 7-18-

APPROV

(This space for Federal or State office use)
Approved by Title Date JUL 23 199
Conditions of approval, if any:

DISTRICT MAN

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

NMOCD

Amoco Production Company

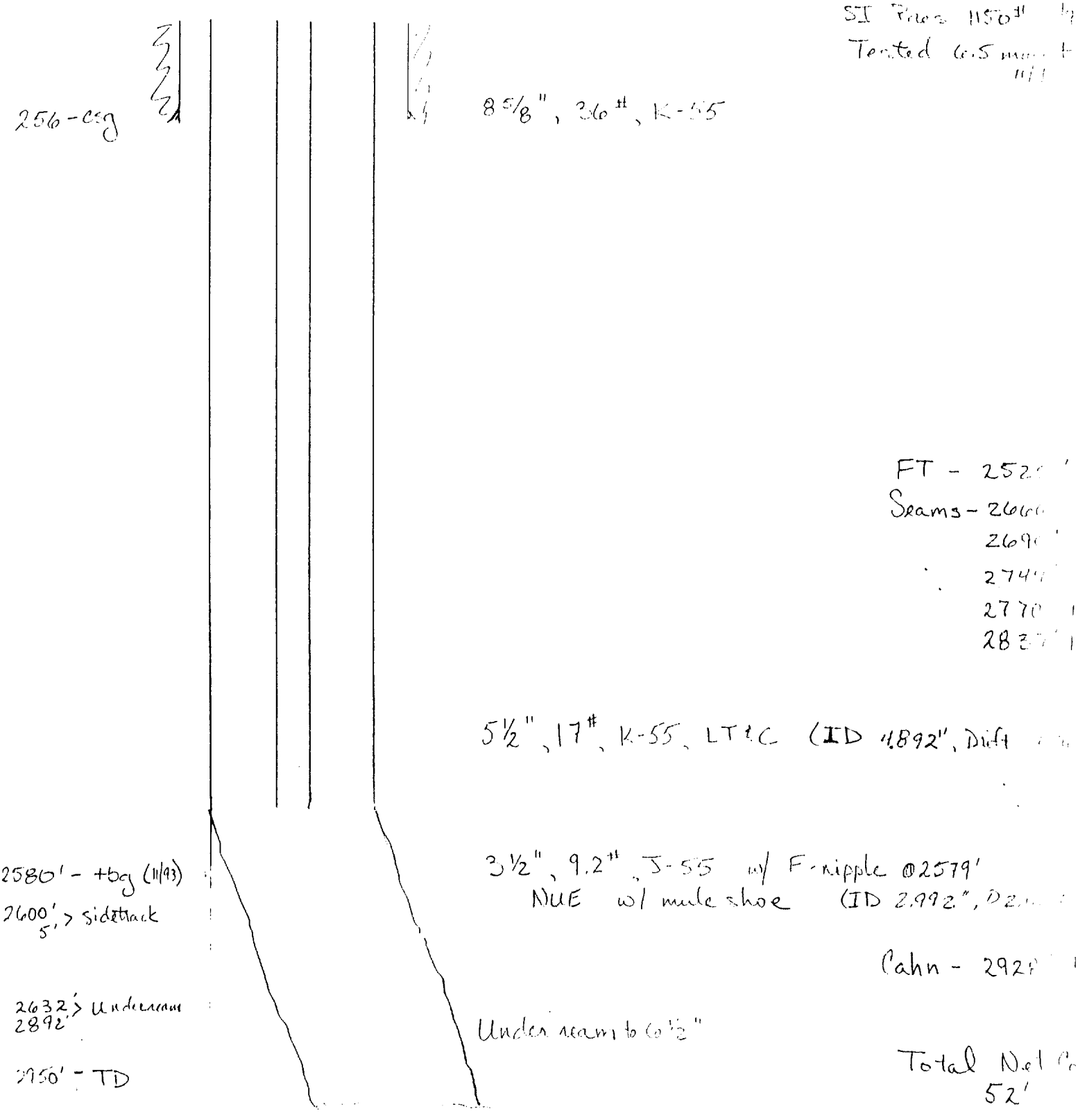
ENGINEERING CHART

Sheet No ____ Of ____
File ____
Appn ____

SUBJECT Rarey #1

7/90 Complete Date 2/8/96
7/91 Sidetrack By KRV
11/93 Recav

SI Press 1150#
Tested 6.5 min



1st Version

1. Install/Check anchors. Inspect location for pit, access, etc.
2. Pick up drillstring/workstring
3. MIRU WL. Set plug in tubing.
4. MIRU Rig #56 with blooie lines, 2" flowline off of manifold, sample box catcher
5. NUBOE, kill well w/ produced coal water, if necessary
6. TOH w/ 3/1/2" tbg @ 2580' (9.2#, J-55, NUE)
7. Perform flow test as follows after unloading well (calibrate all pres gauges before test):
    a. 1 hour flow down 2" flowline. Record pres at the manifold every 15 min
    b. 1 hour flow through 3/4" positive choke. Record pres & rate every 15 min
    c. 1 hour shutin test. Record pres every 15 min
8. TIH w/ 4 3/4" bit, bit sub, drill collars and workstring. Cleanout hole to TD. Rotate and reciprocate until hole is clean. Sweep w/ 10 bbls of water & 2 bbls of soap. Make note of fill & attempt to rotate (off ledge) before cleaning to bottom
9. TOH w/ bit to BOP stack. Close blind rams.
10. Perform flow test as follows after unloading well (calibrate all pres gauges before test):
    a. 1 hour flow down 2" flowline. Record pres at the manifold every 15 min
    b. 1 hour flow through 3/4" positive choke. Record pres & rate every 15 min
    c. 1 hour shutin test. Record pres every 15 min
11. Repeat steps 8-11 and report results to engineers.
12. Based on flowtest, determination of tbg size (if any) will be done after cleanout.
13. RDMO Rig #56. Return well to production.

If problems are encountered, please contact:

Khanh Vu

W - (303) 830-4920
Pager - (303) 687-3819
H - (303) 980-6324
Fax - (303) 830-4777
Continuous Fax - (303) 830-4276