

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO.	30 045 27485
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Barnes Gas Com A
8. Well No.	1
9. Pool name or Wildcat	Basin Fruitland Coal Gas
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	6251' GR

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"  
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Coal Seam	2. Name of Operator Amoco Production Company Attn: John Hampton
3. Address of Operator P.O. Box 800, Denver, Colorado 80201	4. Well Location Unit Letter B : 1090 Feet From The North Line and 1530 Feet From The East Line Section 23 Township 32N Range 11W NMPM San Juan County

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: Whipstock <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

The well has already been completed by the case and frac method. Production testing was not representative of other wells in the area. Therefore, the well bore will be plugged back from PBDT to the top of the coal. At the top of the coal, a window will be cut in the casing, and from that point the well will be sidetracked and recompleted open hole. Procedure Attached:

**RECEIVED**  
MAY 24 1991  
OIL CON. DIST. 3

Please call Julie Zamora at 303-830-6003 if you have any questions.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE John Hampton TITLE Sr. Staff Admin. Supv DATE 5/22/91  
TYPE OR PRINT NAME John Hampton TELEPHONE NO. 830-6003

(This space for State Use)

APPROVED BY Original Signed by FRANK T. CHAVEZ SUPERVISOR DISTRICT # 3 DATE MAY 24 1991  
CONDITIONS OF APPROVAL, IF ANY:

PROCEDURE  
Barnes Gas Com /A/ 1

PREPARATORY WORK

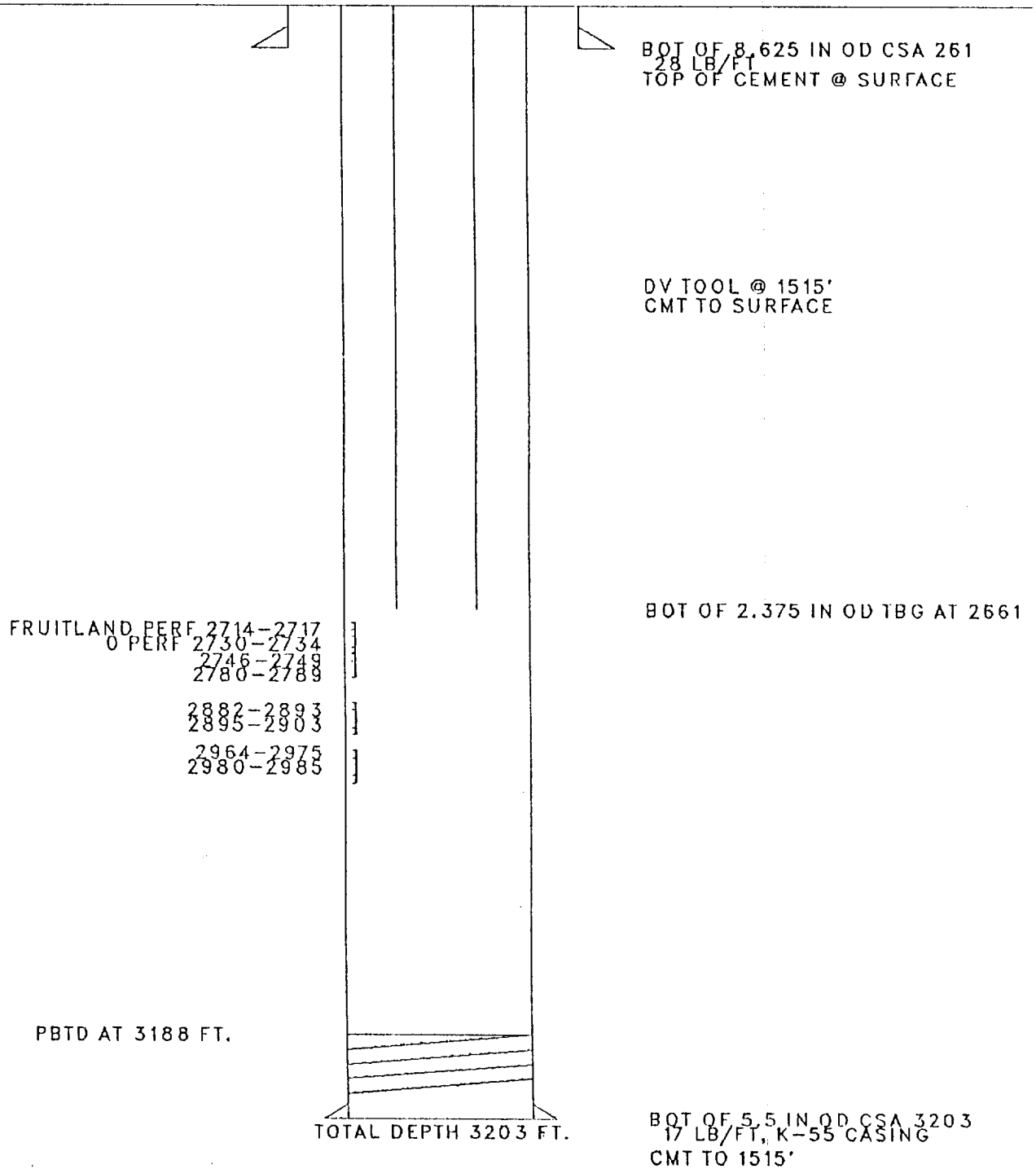
1. MIRUSU.
2. Pull tubing, and set wireline RBP at 30'.
3. RD Huberhead and weld on 11" 3000# casing head for 5 1/2" (Note: set at ground level).
4. NU 7 1/16" tubing head and TIH with retrieving head and retrieve RBP.
5. Modify location to accept the air drilling package (i.e. a top set location).

WINDOW CUTTING

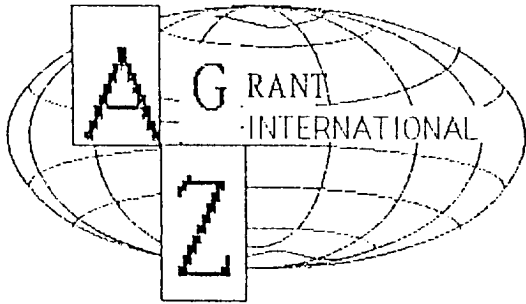
6. Install BOP. (Note: Replace 3 1/2" DP rams with 2 7/8" rams.)
7. TIH with CIBP, and set at 2712'.
8. TIH with 5 1/2" A/Z packer/whipstock assembly and starting mill.
9. Set packer so that the bottom of the window will be at 2705' (isolating previous perforations). Casing collar at 2722' correlated from WACO's Treatment Evaluation Log of 11/8/89.
10. Shear carrier lug bolt with 40 - 75,000# pull up.
11. Commence cutting window with starting mill. Mill up lug bolt and TOH.
12. PU window cutting mill and watermelon mills, TIH cut window plus 3-5' of formation.
13. TOH x PU taper mill, string and watermelon mills.
14. TIH and elongate window and smooth out any burrs left in window. Mill 5'.
15. TOH and PU a building BHA/CST BHA:
  - 4 3/4" Bladed mill
  - N.B. stabilizer
  - 10 - 3 1/2" DC's with float
  - 2 7/8" AOH drill pipe
16. Drill to TD of 2990' with expected coals at:
  - 2714'-50'
  - 2780'-90'
  - 2880'-93'
  - 2964'-85'

Note: Mud logger is not necessary.
17. TOH and run CST procedure.

BARNES GC /A/ #1  
T32N R11W SEC 23 SE NW NE  
SAN JUAN COUNTY, NEW MEXICO  
GL 6251'  
KB 6263'



FILENAME:  
BARNA104/17/91



505 327-3402

FEBRUARY 28, 1991

MR. KENT SALVAGEAU  
AMOCO PRODUCTION CO.  
200 AMOCO CT.  
FARMINGTON, NM 87401

RE: RE-ENTRY WITH 5-1/2", 17# ANCHOR STOCK SIDETRACKING  
SYSTEM.

DEAR MR. SALVAGEAU:

AS YOU REQUESTED, LISTED BELOW ARE PRICES FOR THE 5-1/2"  
ANCHOR STOCK SIDETRACKING SYSTEM.

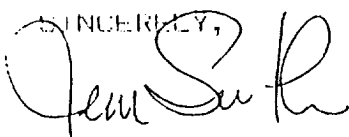
5-1/2 ANCHOR STOCK ASSY.	\$12,595.00 + 1000 <sup>00</sup> /FUR PKR
STARTER MILL	1,515.00
WINDOW MILL	1,129.00
WATERMELON MILL	1,240.00
RUNNING TOOL	600.00
FILL UP SUB	300.00
SUPERVISION	450.00/DAY+EXP

ADDITIONAL REQUIRED TOOLS AND DRILLSTRING COMPONENTS:

CASING SCRAPER	\$390.00 PER RUN
GAUGE RING SUB (IF NECESSARY )	AT COST

TRANSPORTATION FOR EQUIPMENT CHARGED AT COST, FOB  
FARMINGTON. OPERATOR TRANSPORTATION AND EXPENSES CHARGED  
AT COST. ALL POST JOB INSPECTIONS AND/OR REPAIRS CHARGED AT  
COST.

WE APPRECIATE YOUR INTEREST IN THE ANCHOR STOCK CASING  
SIDETRACKING SYSTEM, AS ALWAYS WE STRIVE TO PROVIDE THE BEST  
SERVICE AVAILABLE.

SINCERELY,  


JIM SMITH  
SALES REPRESENTATIVE

Average Job  $\approx$  \$20,000  
Time  $\approx$  30-35 HR