

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

RECEIVED
BLM

92 JUL 23 PM 12:00
070 BLM/STATION, N/A

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

2. Name of Operator
AMOCO PRODUCTION COMPANY

Attention: Gail M. Jefferson

3. Address and Telephone No.
P.O. BOX 800 DENVER, COLORADO 80201 303-830-6157

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1070 FEL 990 FNL Sec. 24 T 32N R 11W UNIT A

5. Lease Designation and Serial No.
SF - 078039

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
BARNES GAS COM D # 1

9. API Well No.
3004527789

10. Field and Pool, or Exploratory Area
BASIN FRUITLAND COAL GAS

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	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input 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 Install Liner	<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.)*

AMOCO PRODUCTION COMPANY REQUESTS PERMISSION TO INSTALL A LINER IN THE ABOVE WELL ACCORDING TO THE ATTACHED PROCEDURES.

FOR TECHNICAL INFORMATION CONTACT BRUCE PACKARD AT 303-830-4795.

RECEIVED
JUL 30 1998
OIL CON. DIV.
DIST. 3

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

Signed Gail M. Jefferson Title Sr. Admin. Staff Asst. Date 07-21-1998

(This space for Federal or State office use)

Approved by /s/ Duane W. Spencer Title _____ Date JUL 28 1998

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.

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Barnes Gas Com D 1

Orig. Comp. 5/90

Current wellbore info: 5 1/2" CSG @ 2587', Sidetrack window at 2587-2591', OH at 2591-2935', 2 7/8" TBG @ 2563'

Current flow info: 20 MCFD

- General observations:
1. Well is experiencing loading and hole stabilization problems
 2. Well was cavitated in 03/91 and recav in 04/93
 3. Ledge and sloughing problems are encountered in the Cottonwood and Cahn seam
 4. Well was cleaned out and underreamed in 05/98

- Short term plans:
1. Install liner. Return to production with Beam lift.

1. MIRUSU--AWS 395; equipped for day cavitation operations
2. ND tree, rig up BOP's; complete with venturies on blooie lines w/man. valves.
3. TOH w/2 7/8" tubing
4. PUXRIH w/ 4 3/4" bit and 2 7/8" DP and clean out fill to total depth (2935') using air and foam--use produced water w/a shale stabilizer or 2% KCl if needed, stabilize hole as quickly as possible to allow running liner (after reaching TD, trip out to casing shoe and wait for 4-6 hours and check to determine amount of fill and how difficult it is to clean up. TOH.
5. Run a blank 4.00" (11.34#) flush joint liner from TD back to approx. 2,500'. Install a washover or Texas shoe with "cut-right" on bottom with a retrievable float immediately above the shoe and a Baker Model SLR-P Liner Hanger Packer. Strip in hole and drill to bottom with power swivel (and treated water) if necessary. Hang liner, lay down drill pipe.
6. RU HES, run GR-CCL to identify correct coal seam depths; TIH and perforate liner corresponding to following depths on the mud log run in the side track:

Fruitland COAL ZONES

2,640 to 2,650'	4 jspf	92 holes
2,680 to 2,690'	4 jspf	188 holes
2,715 to 2,725'	4 jspf	76 holes
2,750 to 2,760'	4 jspf	76 holes
2,820 to 2,840'	4 jspf	76 holes

Total 356 holes

RD HES.

5. RIH w/production string as follows:
 - 1) mule shoe
 - 2) STD SN (1.460" ID)
 - 3) Approximately 450' of 2 1/16" IJ TBG
 - 4) 2 1/16" IJ TBG x 2 3/8" EUE TBG x-over
 - 4) Balance of 2 3/8" TBG (All TBG: 6.4# J55 FBN)
 - 5} Rods and pump.

Land bottom of TBG at approximately 2850'. RDMOSU. Turn well over to production. Note: bring well on slowly, starting beam unit on shortest stroke length and SPM.

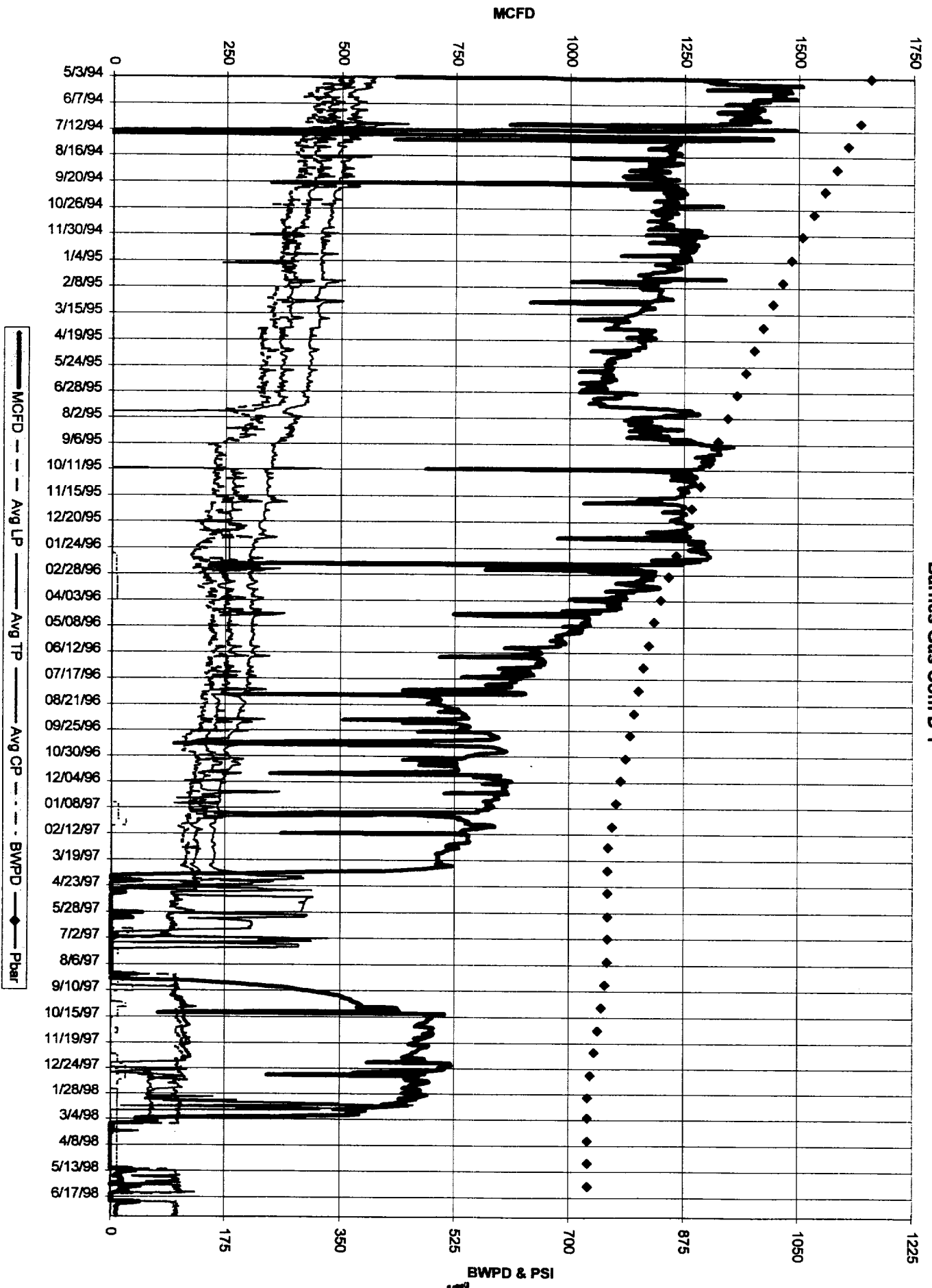
Dependent on speed of hole stabilization, I estimate this procedure to require approximately 5-7 days and to cost approximately \$90,000 (see attached AFE form).

Bruce Packard

(W) (303) 830-4795

(H) (303)830-2415

Barnes Gas Com D 1



Amoco Production Company

ENGINEERING CHART

Sheet No _____ Of _____

Appn _____

Date 2/9/96

By K.Q.V

SUBJECT Barnes Gas Com D 1

spud 1/90
sidetrack 3/91
Recav 4/93

Pres Data:
2/18/91 1500#

TOC - surface (cinc)

8 5/8" 24# K-55, 3T&C

TOC - 1st stage to DV
2nd " to Surf.

5 1/2" 17# K55 N80, LT&C @ 3131'

Below 1st stage: 2642' - 2931' 4 T&C

Sidetrack Frac: 200 mgal. 12" 80 mils sand

2 7/8" 6.4# S-55 w/ expandable check
2.25" SN + BH + blind mull flr
SA 2900'

Under ream 4 3/4" → 7 1/2"

FT -2640
-2679
-2717
-2749

Cahn -2816
57' net

