

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.  
SF078566

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
Storey LS 9

9. API Well No.  
3004521112

10. Field and Pool, or Exploratory Area  
South Blanco Pictured Cliffs

11. County or Parish, State  
San Juan New Mexico

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

2. Name of Operator  
Arnoco Production Company

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)  
800' FNL 870'FWL Sec. 34 T 28N R 8W Unit D

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 Bradenhead Repair	<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.)\*  
Arnoco Production Company proposes to do a Bradenhead Repair on the above referenced well, please see attached procedures.  
Called Lara 15 out  
until 2-27-95

RECEIVED  
FEB 21 1995  
OIL CON. DIV.  
DIST. 3

14. Thereby certify that the foregoing is true and correct

Signed Gail Jefferson Title Business Assistant Date 02-10-1995

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date FEB 14 1995

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 statement or materially false representations as to any matter within its jurisdiction.

\* See Instructions on Reverse Side  
NMOCD



## SJOET Well Work Procedure

Storey LS #9

Version: #1  
Date: February 9, 1995  
Budget: DRA  
Repair Type: Bradenhead

1995 10 10 9:37

0.000000 0.000000 1.000000

### Objectives:

1. Remove wellhead. Isolate PC perfs with plug.
2. TIH down BH with 1" tubing.
3. Circulate and fill BH with cement.
4. Pressure test casing.
5. Remove plug and return well to production

### Pertinent Information:

Location:	800' FNL, 870' FEL, S34, T28N, R8W	Horizon:	PC
County:	Rio Arriba	API #:	300-45-21112
State:	New Mexico	Engr:	Kwartin
Lease:	SF-078566	Phone:	H--(303)343-3973
Well Flac:			W-(303)830-5708
			P--(303)553-6332

### Economic Information:

APC WI:	100%	MV Prod. Before Repair:	30 MCFD
Estimated Cost:	\$20,000	MV Anticipated Prod.:	30 MCFD
Payout:	5 YEARS*		
Max Cost -12 Mo. P.O.	NA		

\*Note: *Economics run based upon 30 MCFD production vs. 0 MCFD and a 30% probability of success..*

### Formation Tops: (Estimated formation tops)

Nacimiento:		Menefee:	
Ojo Alamo:	1280'	Point Lookout:	
Kirtland Shale:	1380'	Mancos Shale:	
Fruitland:	1950'	Gallup:	
Pictured Cliffs:	2230'	Graneros:	
Lewis Shale:	2230'	Dakota:	
Cliff House:		Morrison:	

### Bradenhead Test Information:

Test Date: 5/17/93 Tubing: 0 psi Casing: 321 psi BH: 8

Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

Comments: Bradenhead has steady flow of water.

Storey LS #9  
Orig. Comp. 4/73  
TD = 2387', PBTD = 2377'  
Page 2 of 3

1. Contact Federal or State agency prior to starting repair work.
2. Install and/or test anchors.
3. Have FMC identify the wellhead.
- 4.
5. MIRUSU. Check and record tubing, casing and bradenhead pressures.
6. Blow well down. Set tubing choke or sand-barite plug across PC perfs (2364-94').
7. Nipple down well head, nipple up and pressure test BOP's.
8. Remove WH and install new head and slips. Set casing with 40,000# tension.
9. Bullplug casing side.
10. NU BOP on offset nipple.
11. RU radigan BOP with 1 1/4" blind rubbers.
12. PU 1" tubing and TIH down BH until BH TOC is tagged.

Break circulation and run dye test to determine cement volumes.

13. RU HES and pump cement to surface.
14. PU 3 joints of 1" pipe, pack off pipe and drop 1" string.
15. Pressure test casing to 400 psi.
16. Clean out sand-barite plug to PBTD.
17. RDMOSU. Rig up swab unit.

***If problems are encountered, please contact:***

***Lara Kwartin***

***(W) (303) 830-5708***  
***(H) (303) 343-3973***

STOREY LS 009 1830  
Location - 34D-28N-8W  
SINGLE PC  
Orig. Completion - 4/73  
Last File Update - 1/89 by DDM

BOT OF 8.625 IN OD CSA 130  
24 LB/FT. CS CASING  
TOC - SURF

PC--1SPF PERF 224<sup>2</sup>/<sub>8</sub>-2262  
PC--2SPF PERF 2274-2294

PBTD AT 2377 FT.

TOTAL DEPTH 2387 FT.

BOT OF 2.875 IN OD CSA 2387  
6.4 LB/FT. JS CASING  
TOC - 1275 TS

Cathodic Protection - ?

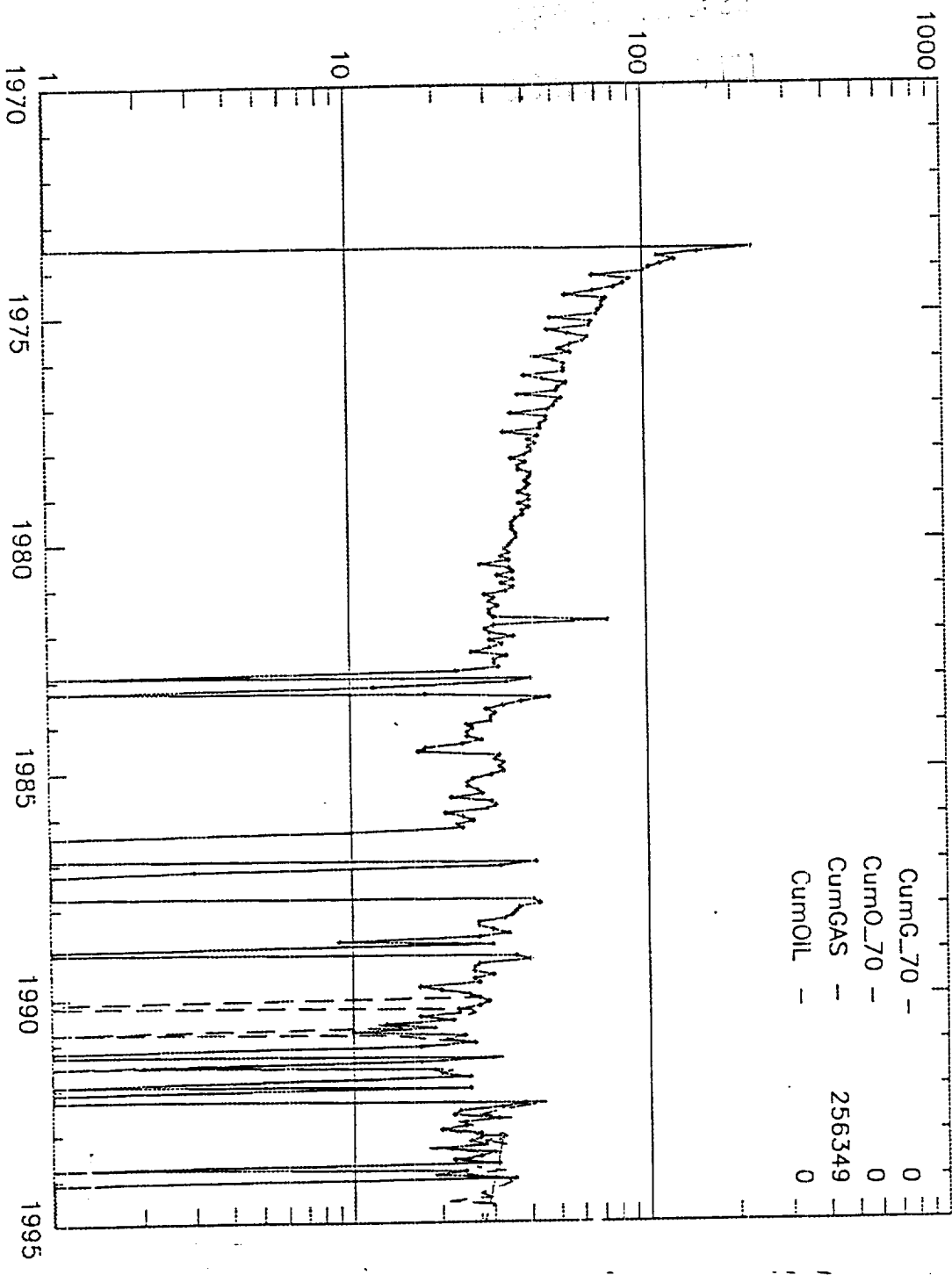
STOREY LS 9

Operator- AMOCO PRODUCTION CO

300452111200PC

D342808-009 PC

APC\_WI - 0.50000000



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

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Use "APPLICATION FOR PERMIT - " for such proposals

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

2. Name of Operator Attention:  
Amoco Production Company Gail Jefferson Rm 1942

3. Address and Telephone No.  
P.O. Box 800, Denver, Colorado 80201 (303) 830-6157

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800' FNL 870'FWL Sec. 34 T 28N R 8W Unit D

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SF078566

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3004521112

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Amoco Production Company proposes to do a Bradenhead Repair on the above referenced well, please see attached procedures.

RECEIVED  
FEB 21 1995  
OIL CON. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct  
Signed Gail Jefferson Title Business Assistant Date 02-10-1995

(This space for Federal or State office use)

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APPROVED

FEB 14 1995

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WILLIAM T. MANAGER

\* See Instructions on Reverse Side  
NMOC



## SJOET Well Work Procedure

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Budget: DRA  
Repair Type: Bradenhead

2/10/95 10:00

0000000000000000

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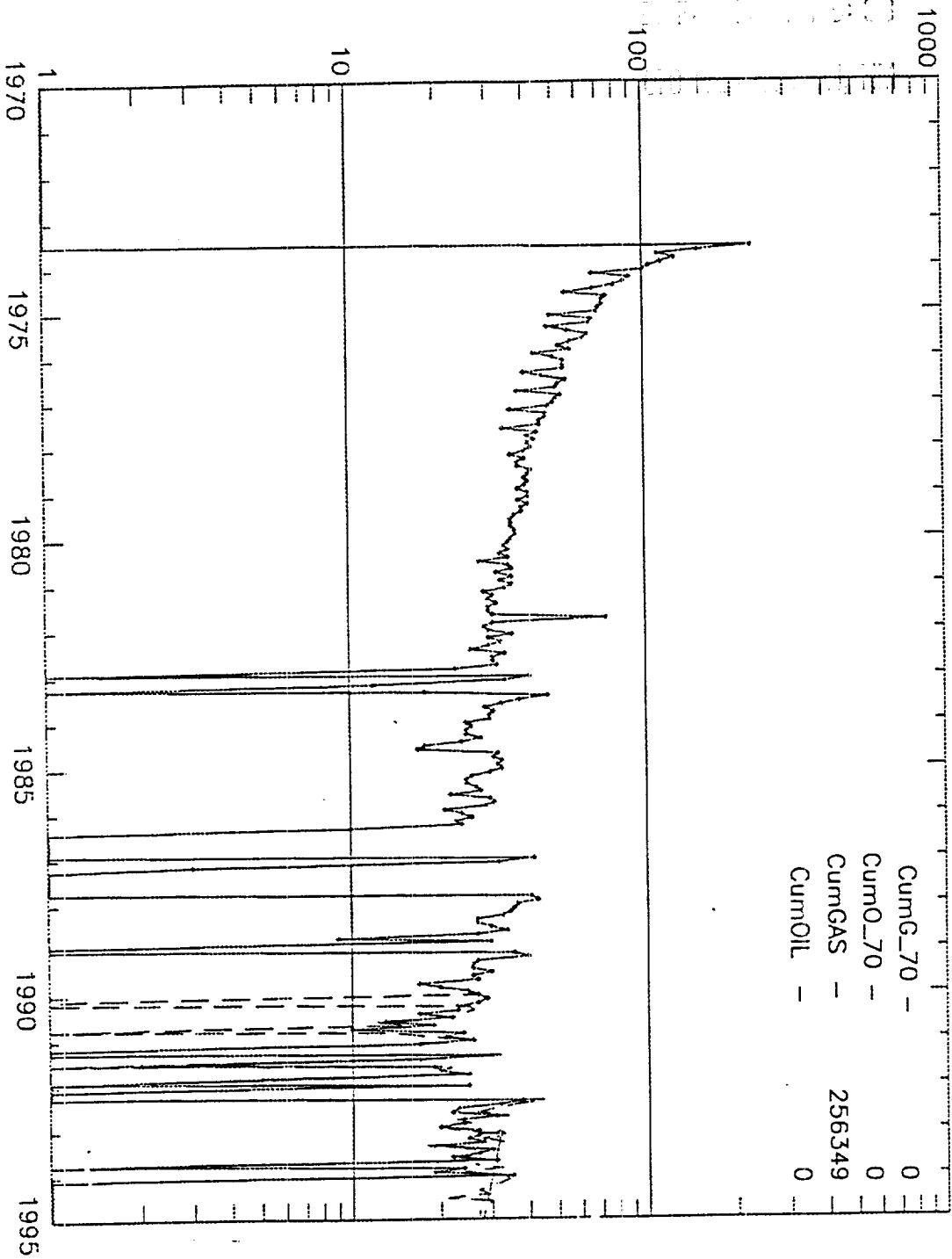
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Operator- AMOCO PRODUCTION CO

300452111200PC

D342808-009 PC

APC\_WI - 0.50000000



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Amoco Production Company

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Gail M. Jefferson, RM 1942

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TYPE OF ACTION

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☒ Subsequent Report  
☐ Final Abandonment Notice

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☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Bradenhead Repair

- ☐ Change of Plans  
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MIRU 2/23/95. Estab circ thru BH at 1bbl/min at 500 psi, dye test = 35 bbls; Set pkr originally at 776' and press tst dwn tbg to 500#, Annulus failed; continued moving pkr uphole, found holes 436-67'; Ernie Busch, NMOCD, approved cmtg down casing thru casing holes. Top of cmt @ 1,275' 300 sks Class b, squeezed 70 bbls microbond, displaced 2 bbls. Top interval 436'-bottom interval 467'. Stage PSI - Initial PSI 680, max PSI 700, Final PSI 250. TIH w/bit & tagged cmt @247'. RU Pwr swivel & drilled out of cmt @458'. Circ hole clean and TOH w/bit & scraper. Rig up rig pump test cmt. squeez 15 min. no bleed off. TIH tag barite sand plug @2083'. Prep to drill out. Tagged sand plug @ 2083' & c/o plug to 2368' & blew well w/air for the rest of the day to clean well bore. 2/28/95 csg press = 10#, tbg press - 20#. Blew well w/air and TOH w/drillpipe laying dn. 2/28/95 RDMOSU.

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

Signed

Gail M. Jefferson

Title

Business Assistant

Date

03-09-1995

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

MAR 13 1995

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 Instructions on Reverse Side

NMOCD

RECEIVED  
MAR 20 1995

OIL CON. DIV.  
DIST. 3

ACCEPTED FOR RECORD

FARMINGTON DISTRICT OFFICE  
BY