

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. 3004507905
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 Sullivan Frame A
8. Well No. #1
9. Pool name or Wildcat Basin Dakota

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	
2. Name of Operator Amoco Production Company Gail M. Jefferson, Room 1295C	
3. Address of Operator P. O. Box 800, Denver, Colo. 80201 (303) 830-6157	
4. Well Location Unit Letter <u>D</u> : <u>990</u> Feet From The <u>North</u> Line and <u>990</u> Feet From The <u>West</u> Line Section <u>30</u> Township <u>29N</u> Range <u>10W</u> NMPM San Juan County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	

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: Bradenhead Repair <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.

Amoco Production Company requests permission to perform a bradenhead repair on the above referenced well per the attached procedures.

If you have any technical questions please contact Steve Webb at (303) 830-4206 or Gail Jefferson for any administrative concerns.

RECEIVED  
APR - 2 1996  
OIL CON. DIV.  
DIST. 3

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

SIGNATURE Gail M. Jefferson TITLE Sr. Admin. Staff Asst. DATE 4/1/96  
TYPE OR PRINT NAME TELEPHONE NO.

(This space for State Use)

APPROVED BY Johnny Robinson DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE APR - 2 1996  
CONDITIONS OF APPROVAL, IF ANY:

\* Notify OGD in time to witness

**Sullivan Frame A #1**

**Orig. Comp. 6/61**

**Elevations: GL = 5465', KB = 5477'**

**TD = 6400', PBTD = 6302'**

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1. Contact Federal or State agency prior to starting repair work.
2. Catch gas and/or water sample off of bradenhead and casing, and have analyzed.
3. Install and/or test anchors on location.
4. MIRUSU. Check and record tubing, casing and bradenhead pressures.
5. Blow down well and kill well, if necessary, with 2% KCL water.
6. ND wellhead. NU and pressure test BOP's.
7. TIH and tag PBTD, check for fill (Note, well file indicates fish, steel bull plug and part of perf gun left in hole at 6286'). Trip and tally out of hole with tubing, checking condition of tubing.
8. TIH with bit and scraper to top of perforations. A seating nipple and standing valve may be run in order to pressure test tubing. Attempt to push fish to bottom if encountered in perforated interval. If unsuccessful, proceed with bradenhead repair. TOH.
9. TIH with RBP and packer. Set RBP 50-100 ft. above perforations. TOH one joint and set packer. Pressure test RBP to 500 psi.
10. Pressure test casing above packer. Isolate leak, if any, by moving packer up the hole and repeating pressure test. Note: Temperature survey ran 6/5/61 showed no cement across MV section.
11. Establish injection rate into leak, if found, and attempt to circulate to surface.
12. Release packer, spot sand on RBP and TOH with packer.
13. Run CBL and CCL to determine cement top. Note: Cement top measured at 1520' from temperature survey ran 6/5/61.
14. Perforate casing above cement top, if necessary, with 4 JSPF and circulate dye to determine cement volume.
15. Depending on depth of hole and circulating pressure, a packer or cement retainer may be needed.
16. Mix and pump sufficient cement (Class B or equivalent, with a setting time of 2 hours) to circulate to surface. Shut bradenhead valve and attempt to walk squeeze to obtain a 500 psi squeeze pressure. WOC.
17. TIH with bit and scraper and drill out cement. Pressure test casing to 500 psi. TOH with bit and scraper.
18. TIH with retrieving head for RBP. Circulate sand off of RBP and TOH with RBP.
19. TIH with sawtooth collar and/or bailer and clean out hole to PBTD, if fill was found in step 7. TOH.
20. TIH with production string (1/2 mule shoe on bottom and seating nipple one joint off bottom) and land tubing at 6190' +/- NDBOP. NU wellhead.

**Sullivan Frame A #1**

**Orig. Comp. 6/61**

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21. Swab well in and put on production.

22. RDMOSU.

23. Take final bradenhead pressures and log date/pressures in CRWS.

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

***Steve Webb***

***(W) (303) 830-4206***

***(H) (303) 488-9824***

# Amoco Production Company

## ENGINEERING CHART

SUBJECT SULLIVAN FRATE #1 990' ENLX 990' WL  
UNIT D, SEC 35, T27N1-R10W

Sheet No. \_\_\_\_\_ OF \_\_\_\_\_  
 Title \_\_\_\_\_

Appn. \_\_\_\_\_

Date 3/27/96

By SLW

SPUD 5/20/61

LOST CIRC @ 5645'

IP 6/27/61 @

4821 MCFD

KB - 5477'

GL - 5465' -

10 3/4" 32.4 CEN 234'  
 CMT W/ 20051 PFG  
 W/ 2% CaCl<sub>2</sub>

STAGE TOOL RT 1854'  
 CMT W/ 1303X PFG W/ 2% GEL  
 ∴ TOC 1520' (from TEMP SURV 6/5/61)

DK PERF: 41 SPF

6088-90'  
 6095-97'  
 6102-05'  
 6163-74'  
 6240-42'  
 6253-58'  
 6263-68'  
 6274-78'

FRAC W/ 7011 GAL  
 140 X 100 M# 22/40

PBTD = 6302'

TBB: 2 3/8" 4.74 TGA 6077'  
 SW GAS BETA

Steel Bull Plug + PART OF FEET (G.W.)  
 STUCK IN HOLE

4 1/2" 9.54 CSA 101100'

CMT W/ 1503X PFG W/ 4% GEL, 2% CaCl<sub>2</sub>  
 TRAIL W/ 603X PFG 2% AFL, 2% CaCl<sub>2</sub>  
 ∴ TOC = 5300' (TEMP SURV 6/5/61)

### WELL DATA

API # 3004507905

WELL FLAC 932816

LEASE: FEE

GAS PURCHASER: EPNG

GAS METER # 72838

SIOP/SITP

6/61	1821/1883
1/73	631/629
5/75	538/536
7/77	515/509
5/81	434/447
6/82	474/473
9/83	577/589