

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

**OIL CONSERVATION DIVISION**  
P.O. Box 2088

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

Santa Fe, New Mexico 87504-2088

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

WELL API NO. 3004508413
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 Bruington Gas Com /B/
8. Well No. 1
9. Pool name or Wildcat Basin Dakota Gas

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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	
Attention: Mike Curry	
3. Address of Operator P.O. Box 800 Denver Colorado 80201	
4. Well Location Unit Letter <u>A</u> : <u>790</u> Feet From The <u>North</u> Line and <u>840</u> Feet From The <u>East</u> Line Section <u>15</u> Township <u>29N</u> Range <u>12W</u> NMPM San Juan County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5625 ' RDB	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐  
OTHER: Bradenhead Repair ☒

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☐

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.

Bradenhead repair to ensure zonal isolation behind casing. Please see attached procedures.

**RECEIVED**  
MAY 10 1993  
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 Mike Curry TITLE Business Analyst DATE 5-6-93  
TYPE OR PRINT NAME Mike Curry TELEPHONE NO.

(This space for State Use)

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE MAY 10 1993

CONDITIONS OF APPROVAL, IF ANY:

Workover Procedure  
Bruington Gas Com B #1  
Sec.15-T29N-R12W  
San Juan County, NM

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. 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. TOH.
9. TIH with RBP and packer. Set RBP 50-100 ft. above perforations. TOH one joint and set packer. Pressure test RBP to 1500 psi.
10. Pressure test casing above packer. Isolate leak, if any, by moving packer up the hole and repeating pressure test.

NOTE: If this can not be accomplished, contact ~~sand~~ **MARK**  
**6 LOVER** ~~Ben~~ in Denver at (303) 830-~~5245~~ **4895**. If no leak is found, it may be necessary to perforate the casing below surface casing depth or above the top of cement in order to circulate cement to surface.

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, if necessary, a CBL and CCL to determine cement top.
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 1000 psi squeeze pressure. WOC.
17. TIH with bit and scraper and drill out cement. Pressure test casing to 1000 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 PBD, 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 to ~~original depth~~ 6232'. NDBOP. NU wellhead.
21. Swab well in and put on production.
22. RDMOSU.

BRUINGTON GAS COM B #1  
LOCATION - 15A - 29N - 12W  
SINGLE DAKOTA  
ORIG.COMPLETION - 2/64  
LAST FILE UPDATE - 8/92 BY CSW  
KB 5625'

BOT OF 8.625 IN OD CSA 384  
24 LB/FT J-55 CASING, W/235 SKS  
CTR TO SURFACE  
PICTURED CLIFFS @ 1672  
MESA VERDE @ 3219  
GALLUP @ 5283  
DAKOTA @ 6126

DV AT 4457  
1ST STAGE - TDC UNKNOWN  
2ND STAGE - TDC UNKNOWN

DK-4SPF PERF 6126-6140

6202-6214  
6224-6232

BOT OF 2.375 IN OD TBG AT 6119

PBTD AT 6274 FT.

TOTAL DEPTH 6310 FT.

BOT OF 4.5 IN OD CSA 6310  
10.5 LB/FT J-55 CASING  
W/1500 SKS

FILENAME:  
04508413



STATE OF NEW MEXICO  
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

73775 (1)

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178

BRADENHEAD TEST REPORT  
(Submit 2 copies to above address)

Date of Test 10/8/92 Operator Amoco Production, 200 Amoco Court, Farmington, NM  
Lease Name Brington GC Well No. B-1 Location: Unit      Section 15 Township 29 N Range 12 W  
Pressure (Shut-in or Flowing) Tubing 400 Intermediate      Casing 480 Bradenhead 55

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

TIME	PRESSURES:		BRADENHEAD FLOWED	INTERMEDIATE FLOWED
	INTERMEDIATE	CASING		
5 min.		<u>480</u>	Steady Flow <u>✓</u>	
10 min.			Surges <u>✓</u>	
15 min.			Down to Nothing <u>    </u>	
20 min.			Nothing <u>    </u>	
25 min.			Gas <u>✓</u>	
30 min.			Gas & Water <u>    </u>	
			Water <u>    </u>	

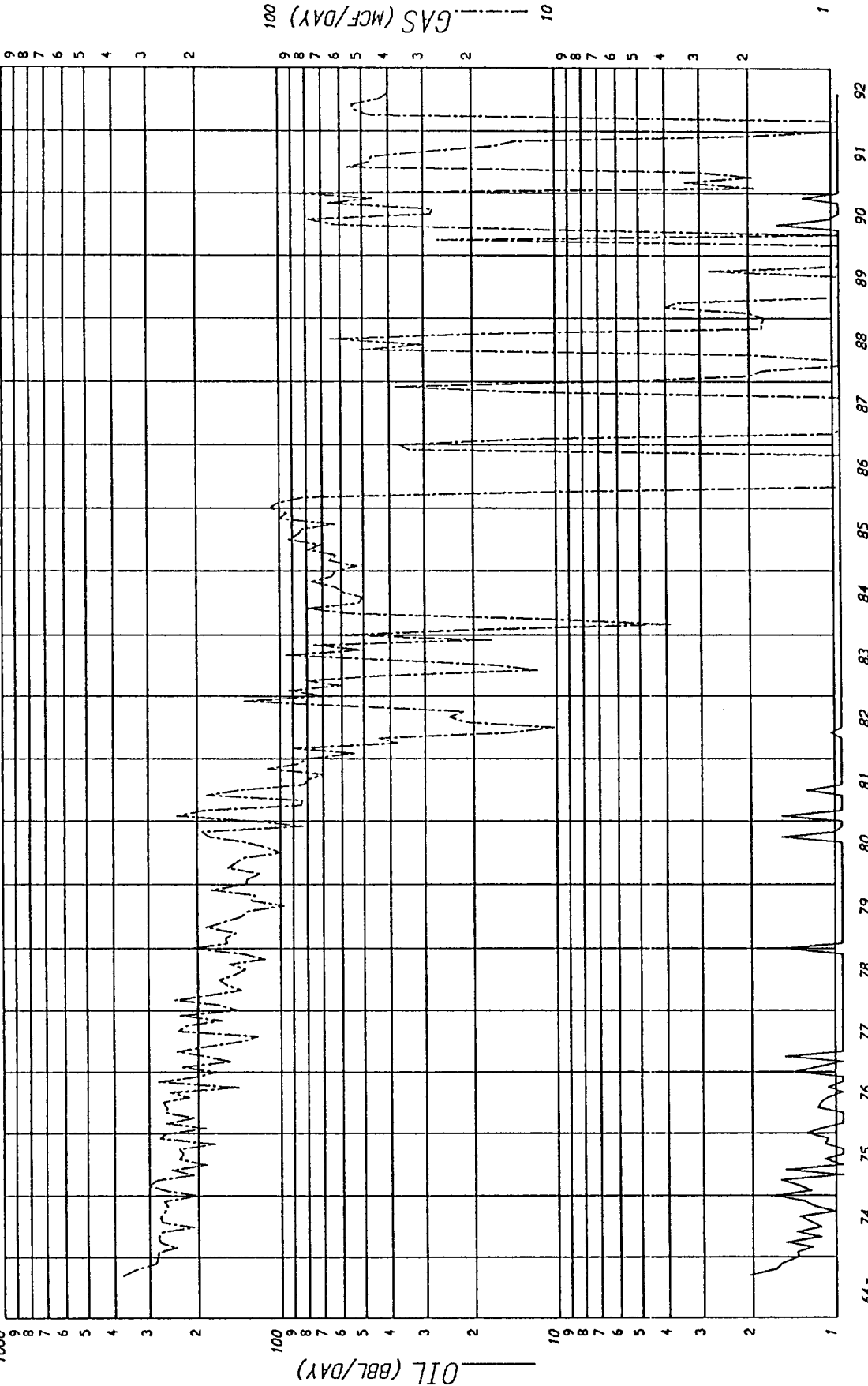
If Bradenhead flowed water, check description below:

CLEAR      FRESH      SALTY      SULFUR      BLACK     

REMARKS:

By T.A. Blair Witness

Lease: BRUINGTON GAS COM B 000001 Dwight's ENERGYDATA Inc. Retrieval Code: 251.045,29N12W15A00DK



County: SAN JUAN  
Field: BASIN (DAKOTA)  
Reservoir: DAKOTA  
Operator: AMOCO PRODUCTION CO  
Oil Cum: 12666 Gas Cum: 2276843  
Location: 15A 29N 12W  
State: NM  
DK

Date: 12-14-92

F.P. Date 03-64