

January 16, 1997

Mr. Roy Johnson  
State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
2040 Pacheco Street  
Santa Fe, NM 87505

File: BEP 0049

Dear Mr. Johnson:

Exception to Statewide Rule 107(J)  
Bravo Dome Carbon Dioxide Gas Unit  
Well No. 1934-251J  
Union County, New Mexico

Amoco Production Company requests an exception to Rule 107(J), in order to Bravo Dome Carbon Dioxide Gas Unit Well Numbers . 1934-251J.

Amoco has run A 5.2" OD SDR 17 polyethylene liner to the top of the production packer, thereby eliminating the need for tubing.

A well bore schematic is attached for your information and review.

Your administrative approval of this request will be appreciated. If additional information is desired, please contact me at (505)374-3053.

Yours very truly,

A handwritten signature in black ink, reading "Billy E. Prichard". The signature is fluid and cursive, with the first name "Billy" and last name "Prichard" clearly legible.

Billy E. Prichard  
Field Foreman

Attachments

# AMOCO - Bravo Dome CO2 Gas Unit

DATE  
Engineer

2/8/96

Gary Ford

Well No.  
County, State  
Completed

XXXX XXX X  
Union, Quay, Harding, NM  
xx/xx/xxxx

RTU No. XXXX

Leg No. X

Field Foreman  
Production Tech.

Bill Prichard  
Kay Theungthi

Location  
Elevation GL

1980' FNL x 1980' FEL, SEC. 1, T-20-N, R-34-E  
4687 KB 4692

Workover  
Activity

Remove existing 2-7/8 fiberglass tubing and insert tight fit polyethylene liner in steel casing.  
Return well to production as tubingless completion.

BWO Production  
AWO Production

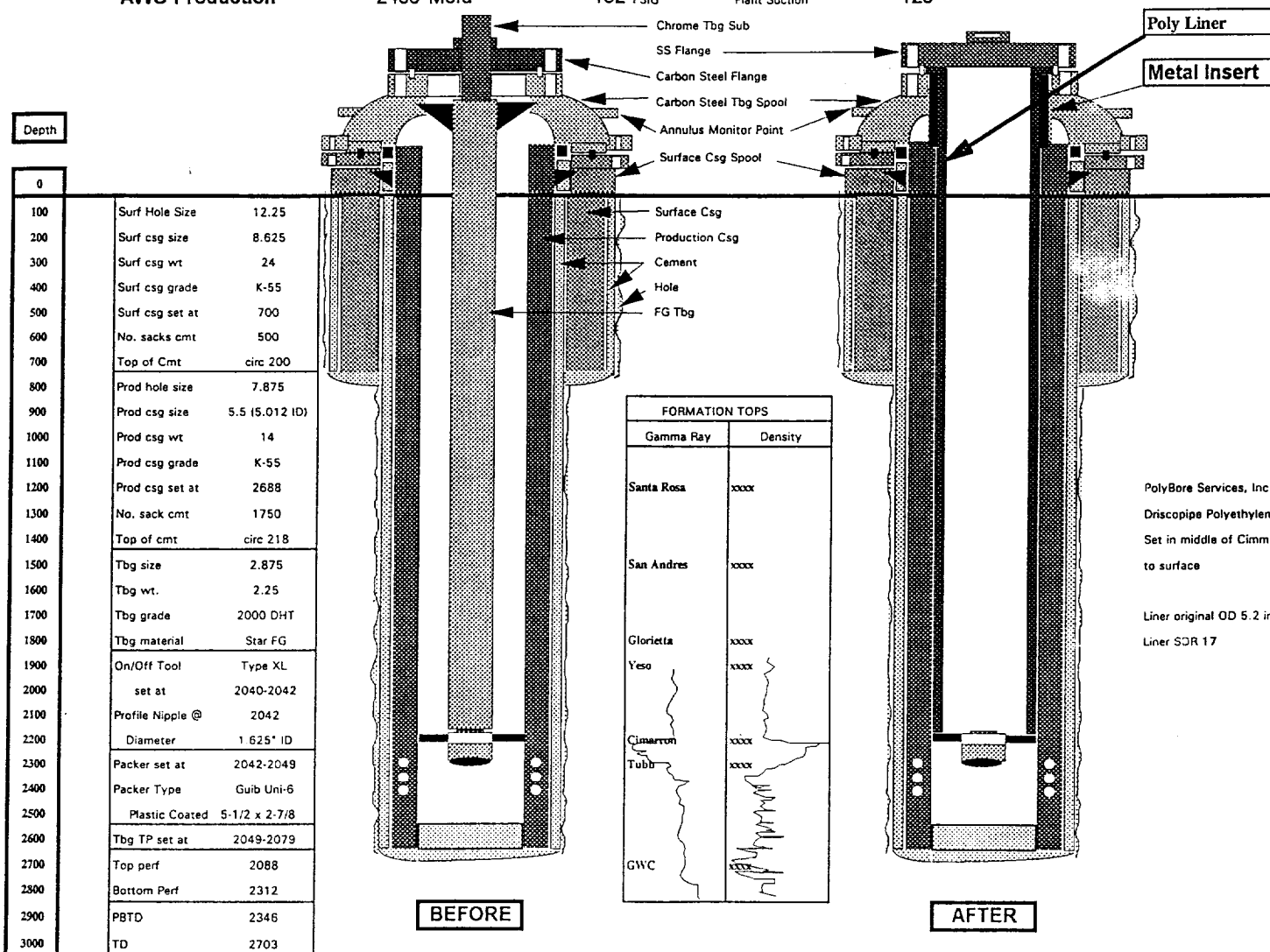
1509 Mcfd  
2409 Mcfd

132 PSIG  
132 PSIG

Plant Suction  
Plant Suction

120  
120

Dec-95



## Perforations Detail

2088-94, 2099-2102, 21-25, 40-48, 52-55, 66-68, 74-76, 79-82, 84-90, 93-95, 2199-2201, 03-05, 09-13, 19-23, 25-33, 46-48, 54-56, 60-63, 69-71, 75-78, 82-91, 2308-12, w/2 JSPF

Squeeze: 2376-80, 2388-98, 2403-13, 2437-42, 2470-2513, 2525-33, w/2 JSPF

## Reservoir Data

height - h, ft	100	res press Pr,psig	260
net pay, ft	84	skin, s	-4
perm - k, md	18	frac	Yes

## Well History

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**  
2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO.	30-059-20093
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	
BDCDGU-1934	
8. Well No.	251
9. Pool name or Wildcat	Tubb
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	
4690' 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 type="checkbox"/> OTHER C02	2. Name of Operator Amoco Production Company
3. Address of Operator PO Box 606, Clayton, NM 88415	4. Well Location Unit Letter J : 1680 Feet From The South Line and 1980 Feet From The East Line Section 25 Township 19N Range 34E NMPM Union County
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: ☐

**SUBSEQUENT REPORT OF:**

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

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.

1934-251J  
1. MIRUSU 12/26/96  
2. RUN 1.625" BLANKING PLG  
3. BLEED TBG TO 0 PSI  
4. NIPPLE UP BOP  
5. REL ON/OFF TOOL  
6. SWAB WELL DRY  
7. LAY DOWN 3 1/2 FG TBG  
8. RUN POLYBORE GAUGE RING TO 2080'

9. PERF 2281-2269, 22644-2259, 2252-2247, 2243-2236, 2232-2218, 2209-2192, 2189-2187, 2183-2174, 2166-2152, 2140-2152; W/6SPF  
10. RUN 9-3 1/8 DC  
11. RUN POLYETHYLENE LINER TO 2080'  
12. PULL 9 3 1/8 DC  
13. INSTALL WELLHEAD BONNETT  
14. PULL BLANKING PLG  
15. RDMOSU 01/03/97  
16. RETURN WELL TO PRODUCTION 1/3/97

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

SIGNATURE Billy E. Prichard TITLE Field Foreman DATE 1/17/97

TYPE OR PRINT NAME Billy E Prichard TELEPHONE NO. 374-3053

(This space for State Use)

APPROVED BY Ry E. Prichard DISTRICT SUPERVISOR DATE 1-27-97

CONDITIONS OF APPROVAL, IF ANY:

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**  
2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO. 30-059-20093
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 BDCDGU-1934
8. Well No. 251
9. Pool name or Wildcat Tubb

**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 type="checkbox"/> OTHER C02
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3. Address of Operator PO Box 606, Clayton, NM 88415
4. Well Location Unit Letter J : 1680 Feet From The South : Line and 1980 Feet From The East : Line Section 25 Township 19N Range 34E NMPM Union County

10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4690' GR
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11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	
OTHER: Run Polyliner <input checked="" type="checkbox"/>	

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input 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.

MIRUSU  
RUN & SET 1.625" BLANKING PLG IN PROFILE  
BLEED TBG TO 0 PSI  
NUBOP  
RELEASE ON/OFF TOOL  
SWAB CSG DOWN, REC AS MUCH FLUID AS POSSIBLE  
LAYDOWN FG TBG  
RUN POLYBORE GAUGE RING  
**OPTION #1**  
IF GAUGE RING GOES & LOOKS OK WHEN PULLED: RUN 10-3 1/8" DRILL COLLARS (COLLARS EQUIPPED WITH 2 7/8" PAC BOX ON TOP); RIG UP ROLLER REDUCTION

UNIT; RUN POLY LINER TO TOP OF PKR; FISH DRILL COLLARS FROM POLYLINER W/TBG FUSE ON WELLHEAD FLANGE; INSTALL SS B-1 ADAPTER & MASTER VALVE; INSTALL METER RUN; RU LUBRICATOR & FISH BLANKING PLUG; RETURN WELL TO PRODUCTION; RDMOSU  
**OPTION #2**  
IF GAUGE RING DOES NOT MAKE IT TO PKR DEPTH OR COMES OUT WITH SIGNS OF CSG DAMAGE, RERUN 3 1/2" FG PRODUCTION TBG; LATCH ON TO PKR; FISH BLANKING PLUG; PRESS TEST CSG & PKR TO 500 PSI; RETURN WELL TO PRODUCTION; RDMOSU

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

SIGNATURE Billy E. Prichard TITLE Field Foreman DATE 1/17/97  
TYPE OR PRINT NAME Billy E Prichard TELEPHONE NO. 374-3053

(This space for State Use)

APPROVED BY Ry E Johnson TITLE DISTRICT SUPERVISOR DATE 1-27-97  
CONDITIONS OF APPROVAL, IF ANY: