

January 5, 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. 1934-111G
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 . 1934-111G

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 a large, sweeping loop at the end of the last name.

Billy E. Prichard
Field Foreman

Attachments

AMOCO - Bravo Dome CO2 Gas Unit

DATE
Engineer

2/8/96

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.

Gary Ford
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.

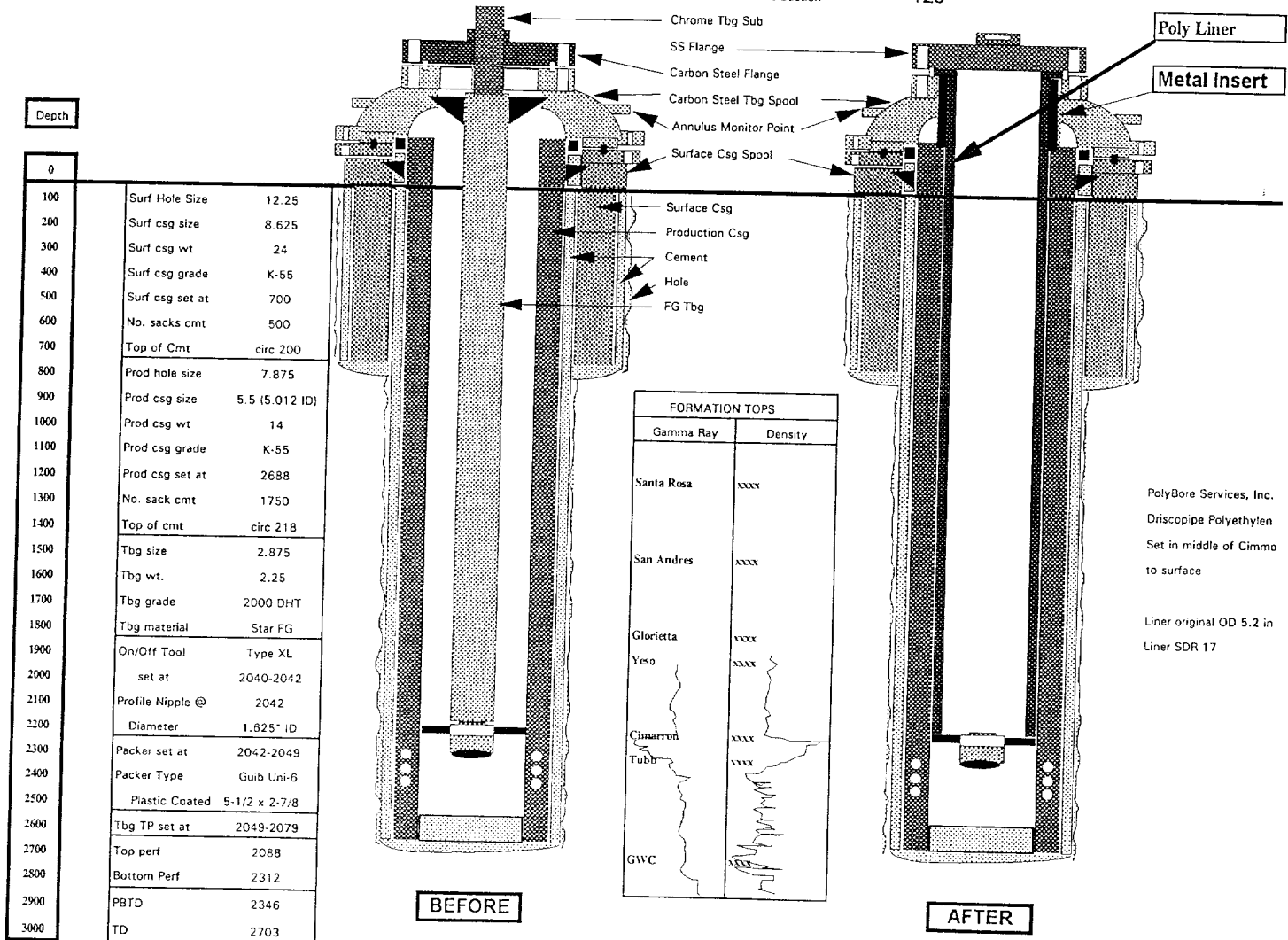
BWO Production
AWO Production

1509 Mcfd
2409 Mcfd

132 PSIG Plant Suction
132 PSIG Plant Suction

120
120

Dec-95



PolyBore Services, Inc.
Driscopipe Polyethylen
Set in middle of Cimmar
to surface

Liner original OD 5.2 in
Liner SDR 17

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, 45-48, 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. 30-059-20051
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name BOCOGU-1934
8. Well No. 111
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 ☐ GAS WELL ☐ OTHER CO2	
2. Name of Operator AMOCO PRODUCTION COMPANY	
3. Address of Operator PO BOX 606 Clayton, NM 88415	
4. Well Location Unit Letter <u>G</u> : 1980 Feet From The <u>NORTH</u> Line and <u>1984</u> Feet From The <u>East</u> Line Section <u>11</u> Township <u>19N</u> Range <u>34E</u> NMPM Union County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4720' GR	

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.

1934-111G
1. MIRUSU 11/26/96
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 2090'
9. RUN 9-3 1/8 DC
10. RUN POLYETHYLENE LINER TO 2090'
11. PULL 9 3 1/8 DC
12. INSTALL WELLHEAD BONNETT
13. PULL BLANKING PLG
14. RDMOSU 12/04/96
15. RETURN WELL TO PRODUCTION 12/04/96

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 1/5/97
TYPE OR PRINT NAME Billy E Prichard TELEPHONE NO. 374-3053

(This space for State Use)

APPROVED BY Ry E. Prichard TITLE DISTRICT SUPERVISOR DATE 1/15/97

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. 30-059-20051
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name BDCOGU-1934
8. Well No. 111
9. Pool name or Wildcat TUBB
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4720' 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 ☐ GAS WELL ☐ OTHER ☒ CO2
2. Name of Operator AMOCO PRODUCTION COMPANY
3. Address of Operator PO BOX 606 Clayton, NM 88415

4. Well Location Unit Letter <u>G</u> : 1980 Feet From The <u>NORTH</u> Line and <u>1984</u> Feet From The <u>EAST</u> Line Section <u>11</u> Township <u>19N</u> Range <u>34E</u> NMPM Union <u>County</u>

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: <u>Run Polyliner</u> ☒	

SUBSEQUENT REPORT OF:

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

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 1/5/96
TYPE OR PRINT NAME Billy E Prichard TELEPHONE NO. 374-3053

(This space for State Use)

APPROVED BY [Signature] TITLE DISTRICT SUPERVISOR DATE 1/15/97
CONDITIONS OF APPROVAL, IF ANY