



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

December 2, 1996

Amoco Production Company
P. O. Box 606
Clayton, New Mexico 88415
Attention: Bill Prichard

Administrative Order TX-254

Dear Mr. Prichard:

Reference is made to your request for an exception to the tubing setting requirements as contained in Division Rule 107 (d) (3) for the below-named well.

Pursuant to the authority granted me by Rule 107 (d) (4), you are hereby authorized to make a tubingless completion in the following well:

Well Name and Number: BDCDGU 1934 Well No. 221F

Location: Unit F, Section 22, Township 19 North, Range 34 East, NMPM, Union County, New Mexico

The Division reserves the right to rescind this authority in the event that waste appears to be resulting therefrom.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. LeMay".

William J. LeMay
Director

WJL/RJ/kv

cc: Oil Conservation Division - Santa Fe

PV2V2005632076

November 2, 1996

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. 1934-221F
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 . 1934-221F

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,



Billy E. Prichard
Field Foreman

Attachments

AMOCO - Bravo Dome CO2 Gas Unit

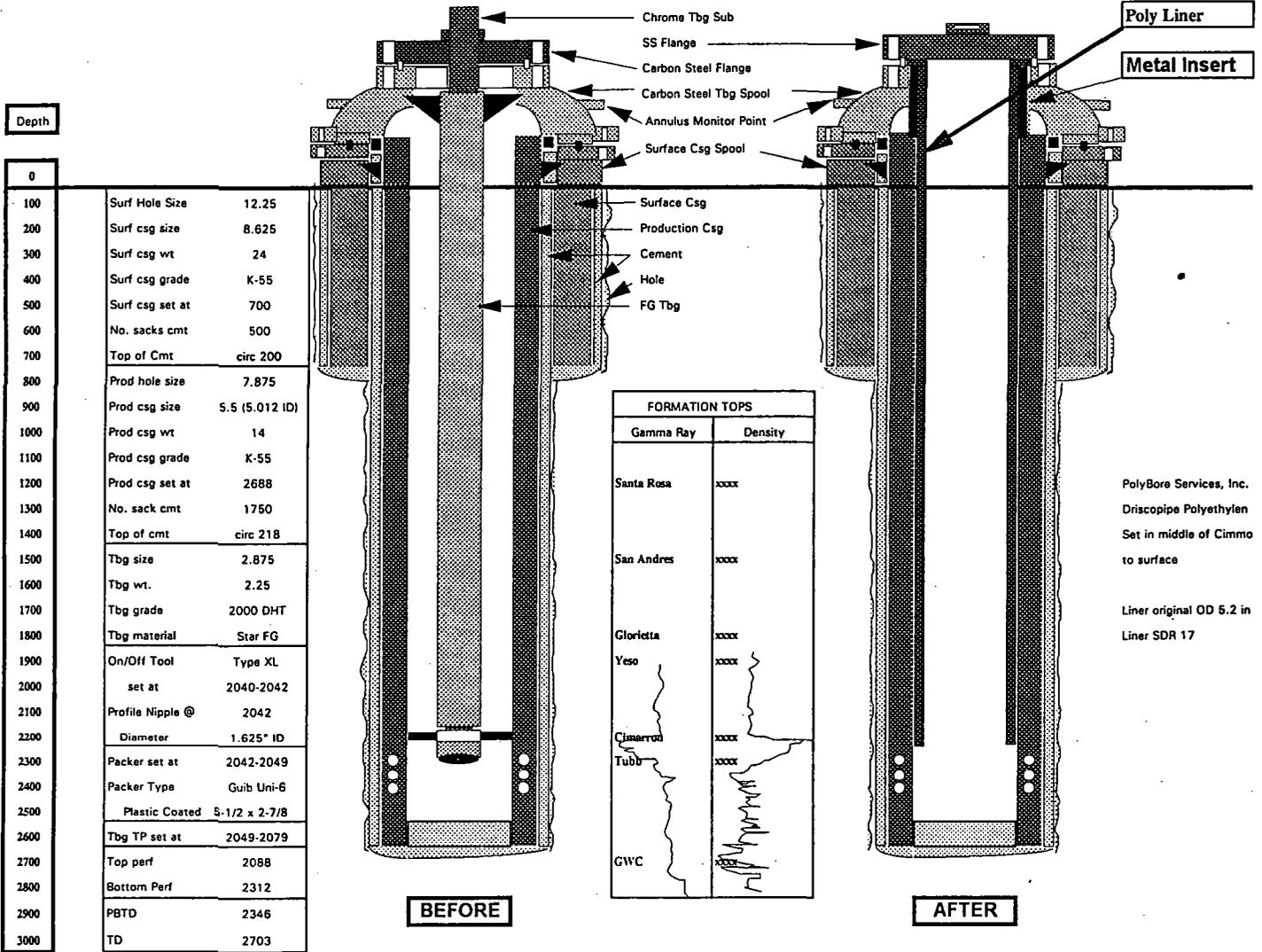
DATE 2/8/96
 Engineer Gary Ford
 Field Foreman Bill Prichard
 Production Tech. Kay Theungthi

Well No. XXXX XXX X RTU No. XXXX Leg No. X
 County, State Union, Quay, Harding, NM
 Completed xx/xx/xxxx

Location 1980' FNL x 1980' FEL, SEC. 1, T-20-N, R-34-E
 Elevation GL 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 1509 Mcfd 132 PSIG Plant Suction 120 Dec-95
 AWO Production 2409 Mcfd 132 PSIG Plant Suction 120



PolyBore Services, Inc.
 Driscopipe Polyethylen
 Set in middle of Cimmo
 to surface
 Liner original OD 5.2 in
 Liner SDR 17

| Depth | | |
|-------|------------------|----------------|
| 0 | | |
| 100 | Surf Hole Size | 12.25 |
| 200 | Surf csg size | 8.625 |
| 300 | Surf csg wt | 24 |
| 400 | Surf csg grade | K-55 |
| 500 | Surf csg set at | 700 |
| 600 | No. sacks cmt | 500 |
| 700 | Top of Cmt | circ 200 |
| 800 | Prod hole size | 7.875 |
| 900 | Prod csg size | 5.5 (5.012 ID) |
| 1000 | Prod csg wt | 14 |
| 1100 | Prod csg grade | K-55 |
| 1200 | Prod csg set at | 2688 |
| 1300 | No. sack cmt | 1750 |
| 1400 | Top of cmt | circ 218 |
| 1500 | Tbg size | 2.875 |
| 1600 | Tbg wt. | 2.25 |
| 1700 | Tbg grade | 2000 DHT |
| 1800 | Tbg material | Star FG |
| 1900 | On/Off Tool | Type XL |
| 2000 | set at | 2040-2042 |
| 2100 | Profile Nipple @ | 2042 |
| 2200 | Diameter | 1.625" ID |
| 2300 | Packer set at | 2042-2049 |
| 2400 | Packer Type | Guib Uni-6 |
| 2500 | Plastic Coated | 5-1/2 x 2-7/8 |
| 2600 | Tbg TP set at | 2049-2079 |
| 2700 | Top perf | 2088 |
| 2800 | Bottom Perf | 2312 |
| 2900 | PBTD | 2346 |
| 3000 | TD | 2703 |

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 | skdn, s | -4 |
| perm - k, md | 18 | frac | Yes |

Well History