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-253

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 2034 Well No. 281J

Location:

Unit J, Section 28, Township 20 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,

William J. Le

Director

WJL/RJ/kv

cc: Oil Conservation Division - Santa Fe

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. 2034-281J
County, New Mexico

Union

Amoco Production Company requests an exception to Rule 107(J), in order to Bravo Dome Carbon Dioxide Gas Unit Well Numbers . 2034-281J

Amoco has run A 5.2" OD SDR 17 polyethlyene 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. Fruhan

Billy E. Prichard Field Foreman

Attachments

AMOCO - Bravo Dome CO2 Gas Unit

DATE **Enginneer** 2/8/96

Well No.

XXXX XXX X

RTU No. XXXX

Leg No.

Field Foreman Production Tech. Gary Ford Bill Prichard Kay Theungthi

County, State Completed

Union, Quay, Harding, NM

xx/xx/xxx

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 120 Dec-95 **AWO Production** 120 2409 Mcfd 132 PSIG Poly Liner SS Flange Metal Insert Depth 0 100 Surf Hole Size Surface Csg 200 Surf csg size 8.625 Surf csg wt 24 K-55 Surf csg grade 700 Surf csg set at 600 500 No. sacks cmt 700 Top of Cmt circ 200 800 Prod hole size 7.875 FORMATION TOPS 900 Prod csg size 5.5 (5.012 ID) Density 1000 Prod csg wt 14 Gamma Ray 1100 Prod csg grade K-55 PolyBore Services, Inc. 1200 Prod csg set at 2688 Driscopine Polyethylen 1300 No. sack crnt 1750 1400 Top of cmt circ 218 Set in middle of Cimmo 1500 Tbg size 2.875 to surface 1600 Tbg wt. 2.25 Liner original OD 5.2 in 1700 2000 DHT Tbg grade Liner SDR 17 1800 Star FG Tbg material 1900 On/Off Tool Type XL set at 2040-2042 Profile Nipple @ 2042 Diameter 1.625" ID 2300 2042-2049 Packer set at Guib Uni-6 Packer Type 2500 Plastic Coated 5-1/2 x 2-7/8 2600 Tbg TP set at 2049-2079 2700 Top perf 2088 GWC 2800 Bottom Perf 2312 AFTER BEFORE 2346 TD 3000 2703

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/Z 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