



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

October 8, 1993

Amoco Production Company
P.O. Box 606
Clayton, NM 88415

Attention: Bill Prichard

Administrative Order TX-203

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).

Pursuant to the authority granted me by Rule 107(d)(4), you are hereby authorized to have tubingless completions in the wells referenced in Exhibit "A" attached to this order.

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

Sincerely,

William J. LeMay
Director

WJL/REJ/amg

cc: Oil Conservation Division--District IV

PVZV2005533798

Exhibit "A"
Amoco Production Company
Administrative Order TX-203

Well Name & No.	API No.	Location	County
BDCDGU 2133-061	30-021-20259	G-6-21N-33E	Harding
BDCDGU 2133-051	30-021-20257	G-5-21N-33E	Harding
BDCDGU 2133-041	30-021-20256	G-4-21N-33E	Harding
BDCDGU 2133-351	30-059-20310	F-35-22N-33E	Union
BDCDGU 2133-341	30-059-20309	G-34-22N-33E	Union
BDCDGU 2133-301	30-059-20306	G-30-22N-33E	Union
BDCDGU 2133-291	30-059-20305	G-29-22N-33E	Union
BDCDGU 2134-191	30-059-20297	F-19-22N-33E	Union
BDCDGU 2134-291	30-059-20298	K-29-21N-34E	Union
BDCDGU 2134-301	30-059-20299	F-30-21N-34E	Union



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

October 13, 1993

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

Amoco Production Company
P.O. Box 606
Clayton, NM 88415

Attention: Bill Prichard

Corrected Administrative Order TX-203

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).

Pursuant to the authority granted me by Rule 107(d)(4), you are hereby authorized to have tubingless completions in the wells referenced in Exhibit "A" attached to this order.

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

Sincerely,

William J. LeMay
Director

WJL/REJ/amg

cc: Oil Conservation Division - District IV

Exhibit "A"
Amoco Production Company
Corrected Administrative Order TX-203

Well Name & No.	API No.	Location	County
BDCDGU 2133-061	30-021-20259	G-6-21N-33E	Harding
BDCDGU 2133-051	30-021-20257	G-5-21N-33E	Harding
BDCDGU 2133-041	30-021-20256	G-4-21N-33E	Harding
BDCDGU 2233-351	30-059-20310	F-35-22N-33E	Union
BDCDGU 2233-341	30-059-20309	G-34-22N-33E	Union
BDCDGU 2233-301	30-059-20306	G-30-22N-33E	Union
BDCDGU 2233-291	30-059-20305	G-29-22N-33E	Union
BDCDGU 2134-191	30-059-20297	F-19-22N-33E	Union
BDCDGU 2134-291	30-059-20298	K-29-21N-34E	Union
BDCDGU 2134-301	30-059-20299	F-30-21N-34E	Union



OIL CONSERVATION DIVISION
RECEIVED

Amoco Production Company

'93 SEP 13 AM 10 16

10 wells

September 2, 1993

Roy E. Johnson
State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

File: BEP-986.51XWF

Dear Mr. Johnson:

Exception to Statewide Rule 107 (J)
Bravo Dome Carbon Dioxide Gas Unit
Well No. 2133-061G, 2133-051G, 2133-041G,
2233-351F, 2233-341G, 2233-301G, 2233-291G,
2134-191F, 2134-291K, 2134-301F
Union and Harding Counties, New Mexico

Amoco Production Company requests an exception to Rule 107 (J), in order to drill and complete Bravo Dome Carbon Dioxide Gas Unit Well Numbers 2133-061G, 2133-051G, 2133-041G, 2233-351F, 2233-341G, 2233-301G, 2233-291G, 2134-191F, 2134-291K, 2134-301F.

Amoco has run 4 1/2 inch production fiberglass casing and will produce these wells through the casing in lieu of producing through the tubing. In support of our request, the following reasons exist.

1. Eliminate casing corrosion.
2. Eliminate expense for tubing, on and off tool, packer and inhibited fluid.
3. Increase production rates since well can flow up the casing.
4. These wells are not wildcats or dual completions, and will be completed with a total depth of less than 5000 feet.

9-15-93

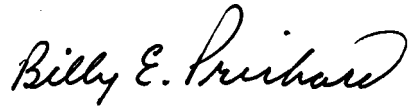
No water production in this area

Ry

Well bore schematics are 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 cursive script that reads "Billy E. Prichard". The signature is written in black ink and is positioned above the typed name.

Billy E. Prichard
Field Foreman

Attachments

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

BEP

SUBJECT BDCDGL # 2133-061G

API # 30-021-20259 ✓

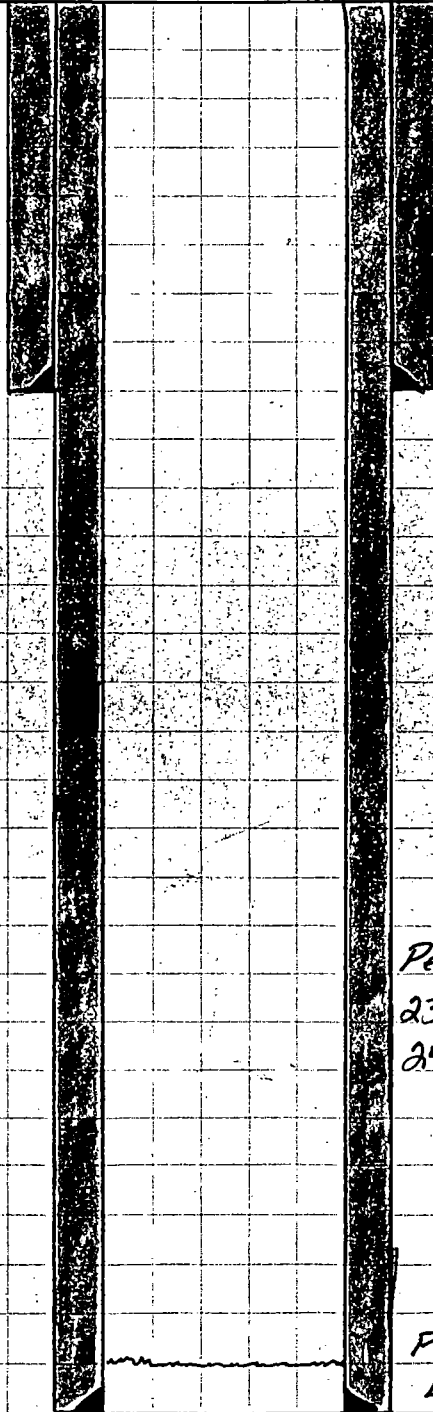
[Handwritten signature]

Harding County, New Mexico

Elevation 5007

Unit Letter G 2002 FEL X 1996 FNL

T21N R33E Section 06



8 5/8" OD 24#/ft K55
ST+C Set @ 707' in 1 1/4"
hole, Cmt Circ. ✓

Perf @ w/ 2 SPF
2354-2366, 2375-2385, 2390-2400
2406-2426, 2431-2465

PBTD 2624'
4 1/2" EUE 8rd 4.56#/ft
2000 psi Star Fiberglass
✓ Set @ 2625' in 7/8" hole
Cmt Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

BEP

SUBJECT

BDCDGL # 2133-051G

API # 30-021-20257

Harding County, New Mexico

Elevation 4986

Unit Letter G 1993 FEL X 2024 FNL

T21N R33E Section 5

8 5/8" OD 24#/ft K55

ST+C Set @ 684' in 1 1/4" hole, Cmt Circ

Perf @ w/ 2 SPF

2358-2402, 2406-2410, 2423-2432
2437-2448

PBTD 2584'

4 1/2" EUE 8rd 4.56#/ft

2000 psi Star Fiberglass

Set @ 2590' in 7 7/8" hole
Cmt Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

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APPN

DATE

BY

BEP

SUBJECT BDCDGL # 2133-041G

API # 30-021-20256

Harding County, New Mexico

Elevation 4395

Unit Letter G 1978 FEL X 2021 FNL

T2IN R33E Section 04

8 5/8" OD 24#/ft K55

ST+C Set @ 681' in 1 1/4
hole, Cmt Circ

Perf @ w/ 2 SPF

2317-2328, 2343-2352, 2356-2375

2504-2508, 2392-2398, 2406-2414

2434-2438, 2454-2458

PBTD 2540'

4 1/2" EUE 8rd 4.56#/ft

2000 psi Star Fiberglass

Set @ 2568' in 7 7/8 hole
Cmt Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

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APPN

DATE

BY

BEP

SUBJECT

BDCDGL # 2233-351F

API # 30-059-20310 ✓

✓ Union County, New Mexico

Elevation 4756

Unit Letter F 1955 FUL X 1992 FNL

T22N R38E Section 36

8 5/8" OD 24#/ft K55

ST+C Set @ 709' in 1 1/4" hole, Cmt Circ ✓

Perf @ w/ 2 SPF

2304-2311, 2326-2333, 2337-2352

PBTD 2400'

4 1/2" EUE 8rd 4.56#/ft

2000 psi Star Fiberglass

Set @ 2426' in 7/8" hole

Cmt Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

BEP

SUBJECT BDCDGL # 2233-341G

API # 30-059-20309

Union County, New Mexico

Elevation 4737

Unit Letter G 1909 FEL X 2099 FNL

T22N R33E Section 34

8 5/8" OD 24 #/ft K55

ST+C Set @ 680' in 12 1/4
hole, Cmt Circ ✓

Perf @ w/ 2 SPF

2180-2193, 2200-2250 ✓

PBTD 2331' ✓

4 1/2" EUE 8rd 4.56 #/ft

2000 psi Star Fiberglass

Set @ 2342' in 7 7/8 hole
Cmt Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

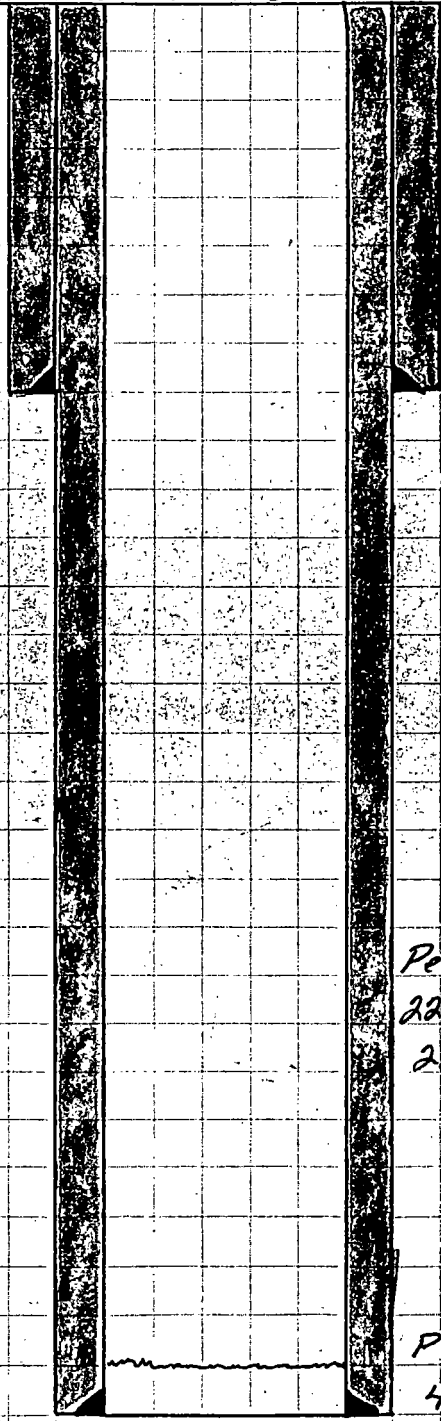
SUBJECT BDCDGL # 2233-301G

API # 30-059-20306

REF

Union County, New Mexico
Unit Letter G 2003 FEL X 2019 FNL
T22N R33E Section 30

Elevation 4839



8 5/8" OD 24 #/ft K55
ST+C Set @ 700' in 12 1/4
hole, Cmt Circ

Perf @ w/ 2 SPK
2262-2266, 2285-2298, 2302-2318
2334-2338, 2353-2363

PBTD 2486'
4 1/2" EUE 8rd 4.56 #/ft
2000 psi Star Fiberglass
Set @ 2529' in 7 1/8 hole
Cmt Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

BEP

SUBJECT

BDCDGL # 2233-291G

API # 30-059-20305

Union County, New Mexico

Elevation 4788

Unit Letter G 2100 FEL X 2046 FNL

T22N R33E Section 29

8 5/8" OD 24#/ft K55

ST+C Set @ 700' in 1 1/4
hole, Cmt Circ

Perf @ w/ 2 SPF

2257-2269, 2276-2308, 2315-2322
2344-2350

PBTD 2492'

4 1/2" EUE 8rd 4.56#/ft

2000 psi Star Fiberglass

Set @ 2527' in 7 7/8 hole
Cmt Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

BEP

SUBJECT BDCDGL # 2134-191F

API # 30-059-20297

Union County, New Mexico

Elevation 4832

Unit Letter F 2001 FWL X 1874 FNL

T21N R34E Section 19

8 5/8" OD 24 #/ft K55

ST+C Set @ 720' in 12 1/4
hole, Cmt Circ

Perf @ w/ 2 SPF

2342 - 2382

PBTD 2536'

4 1/2" EUE 8rd 4.56 #/ft

2000 psi Star Fiberglass

Set @ 2566' in 7 7/8 hole
Cmt Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

BEP

SUBJECT BDCDGL # 2134-291K

API # 30-059-20298

Union County, New Mexico

Elevation 4928

Unit Letter K 1966 FUL X 2006 FSL

T21N R34E Section 29

8 5/8" OD 24#/ft K55

ST+C Set @ 695' in 12 1/4
hole, Cmt Circ

Perf @ w/ 2 SPF

2410-2417, 2431-2450, 2455-2461
2465-2481, 2493-2507

PBTD 2560'

4 1/2" EUE 8rd 4.56#/ft

2000 psi Star Fiberglass

Set @ 2604' in 7 7/8 hole
Cmt. Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

BEP

SUBJECT BDCDGL # 2134-301F

API # 30-059-20299

Union County, New Mexico
Unit letter F 2026 FWL X 1979 FWL
T2IN R34E Section 30

Elevation 4957

8 5/8" OD 24 #/ft K55

ST+C Set @ 691' in 12 1/4
hole, Cmt Circ

Perf @ w/ 2 SPK

2404-2446, 2456-2476

PBTD 2540'

4 1/2" EUE 8rd 4.56 #/ft

2000 psi Star Fiberglass

Set @ 2576' in 7 7/8 hole
Cmt Circ.