



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-204

Dear Mr. Prichard:

Reference is made to your request for an exception to the tubing setting requirements as contained in Division Rule 107(j)(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

PV2V 2005533914

Exhibit "A"
Amoco Production Company
Corrected Administrative Order TX-204

Well Name & No.	API No.	Location	County
BDCDGU 2133-211	30-021-20269	G-21-21N-33E	Harding
BDCDGU 2133-221	30-021-20270	G-22-21N-33E	Harding
BDCDGU 2133-251	30-021-20271	G-25-21N-33E	Harding
BDCDGU 2133-261	30-021-20272	J-26-21N-33E	Harding
BDCDGU 2133-271	30-021-20273	G-27-21N-33E	Harding
BDCDGU 2133-281	30-021-20274	G-28-21N-33E	Harding
BDCDGU 2133-291	30-021-20275	G-29-21N-33E	Harding
BDCDGU 2133-301	30-021-20276	G-30-21N-33E	Harding
BDCDGU 2232-251	30-059-20300	G-25-22N-32E	Union
BDCDGU 2232-261	30-059-20301	G-26-22N-32E	Union
BDCDGU 2232-351	30-059-20311	F-35-22N-32E	Union



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-204

Dear Mr. Prichard:

Reference is made to your request for an exception to the tubing setting requirements as contained in Division Rule 107(j)(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,

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

William J. LeMay
Director

WJL/REJ/amg

cc: Oil Conservation Division - District IV

Exhibit "A"
Amoco Production Company
Administrative Order TX-204

Well Name & No.	API No.	Location	County
BDCDGU 2133-211	30-021-20269	G-21-21N-33E	Harding
BDCDGU 2133-221	30-021-20270	G-22-21N-33E	Harding
BDCDGU 2133-251	30-021-20271	G-25-21N-33E	Harding
BDCDGU 2133-261	30-021-20272	J-26-21N-33E	Harding
BDCDGU 2133-271	30-021-20273	G-27-21N-33E	Harding
BDCDGU 2133-281	30-021-20274	G-28-21N-33E	Harding
BDCDGU 2133-291	30-021-20275	G-29-21N-33E	Harding
BDCDGU 2133-301	30-021-20276	G-30-21N-33E	Harding
BDCDGU 2132-251	30-059-20300	G-25-22N-32E	Union
BDCDGU 2132-261	30-059-20301	G-26-22N-32E	Union
BDCDGU 2132-351	30-059-20311	F-35-22N-32E	Union



OIL CONSERVATION DIVISION
RECEIVED

'93 OCT 6 AM 9 07

Amoco Production Company

September 14, 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. 2133-211G, 2133-221G, 2133-251G,
2133-261J, 2133-271G, 2133-281G, 2133-291G,
2133-301G, 2232-251G, 2232-261G, 2232-351F
Harding and Union 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 2133-211G, 2133-221G, 2133-251G, 2133-261J, 2133-271G, 2133-281G, 2133-291G, 2133-301G, 2232-251G, 2232-261G, 2232-351F.

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.

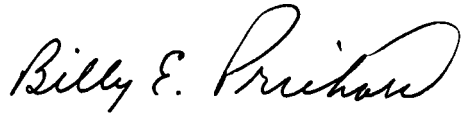
1. Eliminate casing corrosion.
2. Eliminate expense for tubing, on and off tool, packer and inhibited fluid.
3. Increase production rates since well can flow up the casing.
4. These wells are not wildcats or dual completions, and will be completed with a total depth of less than 5000 feet.

OK
10-7-93
RJR

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 printed name and title.

Billy E. Prichard
Field Foreman

Attachments

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

BEP

SUBJECT BDCDGL # 2133-211G

API # 30-021-20269

Harding County, New Mexico

Unit Letter G 2008 FEL X 1926 FNL

T2IN R33E Section 21

Elevation 4935

8 5/8" OD 24#/ft K55

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

Perf @ w/ 2 SPF

2334-2348, 2359-2375, 2382-2400
2408-2411, 2426-2436, 2444-2461

PBTD 2528'

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

2000 psi Star Fiberglass

Set @ 2540' in 7 7/8 hole
Cmt Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

BEP

SUBJECT

BDCDGL # 2133-221G

API # 30-021-20270

Harding County, New Mexico

Elevation 4963

Unit Letter G 2091 FEL X 2008 FNL

T24N R33E Section 22

8 5/8" OD 24#/ft K55

ST+C Set @ 698' in 12 1/4
hole, Cmt Circ

Perf @ w/ 2 SPF

2362-2374, 2394-2400, 2445-2453

2462-2466, 2477-2484

PBTD 2585'

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

2000 psi Star Fiberglass

Set @ 2605' in 7 7/8 hole
Cmt Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

BEP

SUBJECT BDCDGL # 2133-251G

API # 30-021-20271

Harding County, New Mexico

Elevation 4996

Unit Letter G 1963 FEL X 2022 FNL

TAIN R33E Section 25

8 5/8" OD 24 #/ft K55

ST+C Set @ 687' in 12 1/4
hole, Cmt Circ

Perf @ w/ 2 SPF

2432-2436, 2455-2462, 2472-2476
2486-2507, 2517-2521, 2530-2533

PBTD 2596'

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

2000 psi Star Fiberglass

Set @ 2629' in 7 7/8 hole
Cmt Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

BEP

SUBJECT

BDCDGL # 2133-261J

API # 30-021-20272

Harding County, New Mexico

Unit Letter J 2007 FELX 1991 FSL

T24N R33E Section 26

Elevation 5046

8 5/8" OD 24#/ft K55

ST+C Set @ 688' in 12 1/4
hole, Cmt Circ

Perf @ w/ 2 SPF

2438-2445, 2452-2464, 2490-2514
2517-2525, 2529-2533

PBTD 2651'

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

2000 psi Star Fiberglass

Set @ 2710' in 7 7/8 hole
Cmt Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

BEP

SUBJECT BDCDGL # 2133-271G

API # 30-021-20273

Harding County, New Mexico

Elevation 5049

Unit Letter G 1811 FEL X 2085 FNL

T21N R33E Section 27

8 5/8" OD 24#/ft K55

ST+C Set @ 65' in 12 1/4
hole, Cmt Circ

Perf @ w/ 2 SPF

2416-2431, 2440-2450, 2460-2471,

2477-2483, 2499-2501, 2504-2515,

2540-2544, 2584-2590, 2608-2616

2632-2635

PBTD

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

2000 psi Star Fiberglass

Set @ 2680' in 7 7/8 hole
Cmt Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

SUBJECT

BDCDGL # 2133-281G

API # 30-021-20274

Harding County, New Mexico

Unit Letter G 2085 FEL X 2153 FNL

T2IN R33E Section 28

Elevation 4982

8 5/8" OD 24#/ft K55

ST+C Set @ 693' in 12 1/4
hole, Cmt Circ ✓

Perf @ w/ 2 SPF

2343-2360, 2364-2374, 2384-2388

2391-2395, 2399-2407, 2412-2418

2509-2525, 2529-2535 ✓

PBTD 2565' ✓

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

2000 psi Star Fiberglass ✓

Set @ 2598' in 7 7/8 hole
Cmt Circ. ✓

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

BEP

SUBJECT BDCDGL # 2133-291G

API # 30-021-20275

Harding County, New Mexico

Elevation 4978

Unit Letter G 1968 FEL X 1938 FNL ✓

T21N R38E Section 29

8 5/8" OD 24#/ft K55

ST+C Set @ 688' in 12 1/4
hole, Cmt Circ

Perf @ w/ 2 SPF

2341-2363, 2376-2396, 2431-2436
2493-2496, 2510-2514

PBTD 2555'

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

2000 psi Star Fiberglass

Set @ 2585' in 7 7/8 hole
Cmt Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

BEP

SUBJECT BDCDGL # 2133-301G

API # 30-021-20276

Harding County, New Mexico

Elevation 4934

Unit Letter G 1971 FEL X 2148 FNL ✓

T2IN R33E Section 30

8 5/8" OD 24#/ft K55 ✓

ST+C Set @ 675' in 12 1/4
hole, Cmt Circ

Perf @ w/ 2 SPF ✓

2290-2297, 2300-2308, 2318-2324
2329-2336, 2339-2361, 2420-2423,
2437-2442, 2455-2458, 2460-2464
2472-2480

PBTD 2484' ✓

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

2000 psi Star Fiberglass

Set @ 2516' in 7 7/8 hole
Cmt Circ.

Amoco Production Company

ENGINEERING CHART

FILE

APPN

DATE

BY

BEP

SUBJECT

BDCDGL # 2232-251G

API # 30-059-20300

Union County, New Mexico ✓

Elevation 4830

Unit Letter G 1955 FEL X 1998 FNL

T22N R32E Section 25

8 5/8" OD 24 #/ft K55

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

Perf @ w/ 2 SPF

2202-2224, 2232-2239, 2244-2246

2256-2260, 2317-2323, 2328-2344

2358-2364 ✓

PBTD 2428'

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

2000 psi Star Fiberglass ✓

Set @ 2460' in 7 7/8 hole
Cmt. Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

SUBJECT

BDCDGL # 2232-261G

API # 30-059-20301

✓ Union County, New Mexico

Unit Letter G 2005 FEL X 1974 FNL

T22N R32E Section 26

Elevation 4844

8 5/8" OD 24 #/ft K55

ST+C Set @ 687' in 12 1/4
hole, Cmt Circ ✓

Perf @ w/ 2 SPF

2116-2120, 2132-2138, 2145-2149

2154-2158, 2162-2167, 2224-2228

2238-2243, 2245-2257, 2260-2264

PBTD 2318'

4 1/2" EUE 8 # 3.88 #/ft

1750 psi Star Fiberglass

Set @ 2353' in 7 7/8 hole

Cmt Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

FILE

APPN

DATE

BY

SUBJECT

BDCDGL # 2232-351F

API # 30-059-20311

✓ Union County, New Mexico

Elevation 4771

Unit Letter F 2152 FNL X 2000 FNL

T22N R32E Section 35

8 5/8" OD 24" / ft K56

ST+C Set @ 690 in 12" hole, Cmt Circ ✓

Perf @ 1/2 SPF

2080-2084, 2099-2117, 2124-2131

2146-2154, 2199-2208, 2216-2223

2226-2233 ✓

PBTD 2249 ✓

4 1/2" EUE Prd 4.56" / ft

2000 psi Star Fiberglass

Set @ 2275' in 7 7/8" hole

Cmt Circ.