



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 12, 1993

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

Attention: Bill Prichard

Administrative Order TX-205

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

PVZV2005533985

Exhibit "A"
Amoco Production Company
Administrative Order TX-205

Well Name & No.	API No.	Location	County
BDCDGU 2133-201	30-021-20268	G-20-21N-33E	Harding
BDCDGU 2133-181	30-021-20267	G-18-21N-33E	Harding
BDCDGU 2133-161	30-021-20266	G-16-21N-33E	Harding
BDCDGU 2133-151	30-021-20265	F-15-21N-33E	Harding
BDCDGU 2133-141	30-021-20264	G-14-21N-33E	Harding
BDCDGU 2133-131	30-021-20263	F-13-21N-33E	Harding
BDCDGU 2133-101	30-021-20261	J-10-21N-33E	Harding
BDCDGU 2133-081	30-021-20260	G-8-21N-33E	Harding
BDCDGU 2133-071	30-021-20258	G-7-21N-33E	Harding



OIL CONSERVATION DIVISION
RECEIVED

Amoco Production Company

'93 SEP 13 AM 10 16

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. 2133-201G, 2133-181G, 2133-161G,
2133-151F, 2133-141G, 2133-131F, 2133-101J,
2133-081G, 2133-071G
Harding County, 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 2133-201G, 2133-181G, 2133-161G, 2133-151F, 2133-141G, 2133-131F, 2133-101J, 2133-081G, 2133-071G.

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.

10-7-93

9 wells

all OK
NO TOP sets

Ref

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 # 2133-2016

API # 30-021-20268

Harding County, New Mexico

Elevation 4889

Unit Letter G 1982 FEL X 1968 FNL

T21N R33E Section 20

8 5/8" OD 24#/ft K55

ST+C Set @ 694 in 12 1/4
hole, Cmt Circ

Perf @ w/ 2 SPF

2233-2247, 2251-2268, 2281-2285,

2301-2305, 2313-2317, 2333-2337,

2347-2354, 2364-2379

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 # 2133-181G

API # 30-021-20267

Harding County, New Mexico

Elevation 4872

Unit Letter G 2012 FELX 1979 FNL

T2IN R33E Section 18

8 5/8" OD 24 #/ft K55

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

Perf @ w/ 2 SPF

2178-2242, 2261-2267, 2291-2298
2302-2312 ✓

PBTD 2396'

4 1/2" EUE 8rd 4.56 #/ft ✓

2096 psi Star Fiberglass
Set @ 2435' in 7 7/8 hole
Cmt Circ.

Check
true prec. on this well!
32 gram perf gun charges

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

BEP

SUBJECT BDCDGL # 2133-161G
API # 30-021-20266

✓ Harding County, New Mexico

Elevation 4838

Unit Letter G 1873 FEL X 2154 FNL

TAIN R3BE Section 16

8 5/8" OD 24#/ft K55

ST+C Set @ 683' in 12 1/4

hole, Cmt Circ ✓

Perf @ w/ 2 SPF

2246-2282, 2311-2318, 2354-2370

PBTD 2428'

4 1/2" EUE 8rd 4.56#/ft ✓

2000 psi Star Fiberglass

Set @ 2443' in 7 7/8 hole

✓ Cmt Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

BEP

SUBJECT BDCDGL # 2133-151F

API # 30-021-20265

Harding County, New Mexico

Elevation

4911

Unit Letter F 2030 FWL X 1959 FNL

T21N R33E Section 15

8 5/8" OD 24#/ft K55

ST+C Set @ 692' in 1 1/4
hole, Cmt Circ

Perf @ w/ 2 SPF
2434-2478

PBTD 2500'

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

SHEET NO.

OF

FILE

APPN

DATE

BY

BEP

SUBJECT BDCDGL # 2133-141G

API # 30-021-20264

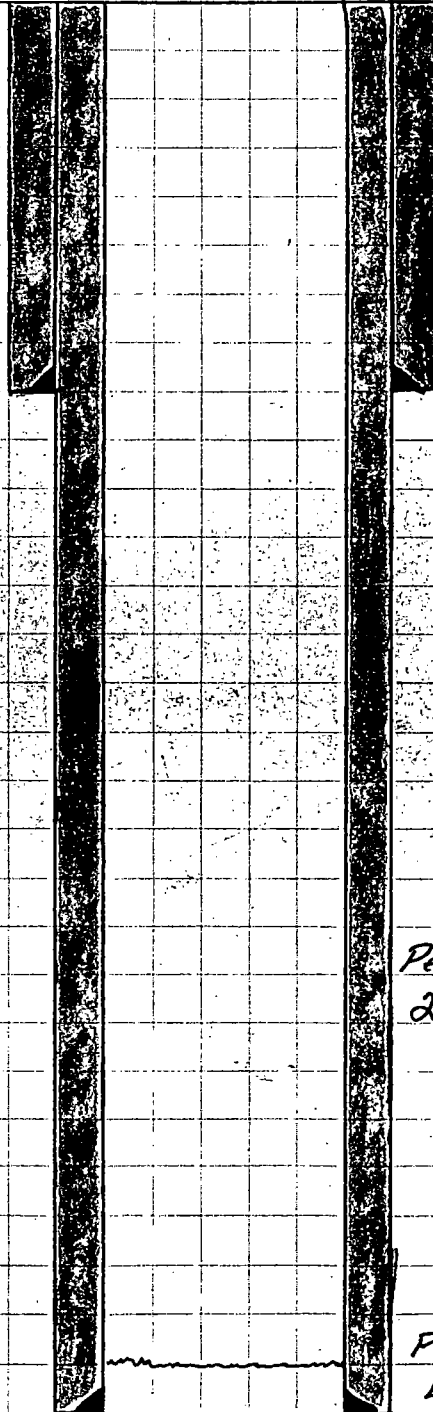
[Handwritten signature]

Harding County, New Mexico

Elevation 4868

Unit Letter G 1974 FEL X 2024 FNL

Section 14 T21N R33E



8 5/8" OD 24#/ft K55
ST+C Set @ 682' in 12 1/4
hole, Cmt Circ

Perf @ w/ 2 SPF
2410-2430, 2437-2464

PBTD 2550'
4 1/2" EUE 8rd 4.56#/ft
2000 psi Star Fiberglass
Set @ 2630' in 7 7/8 hole
Cmt Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

SUBJECT

BDCDGL # 2133-131F

API # 30-021-20263

Harding County, New Mexico

Elevation 4775

Unit Letter F 1995 FNL X 2024 FNL

T21N R33E Section 13

8 5/8" OD 24 #/ft K55

ST+C Set @ 686' in 1 1/4" hole, Cmt Circ

Perf @ w/ 2 SPF

2340-2359

PBTD 2406'

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

2000 psi Star Fiberglass

Set @ 2421' in 7/8" hole
Cmt Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

BEP

SUBJECT BDCDGL # 2133-10/J

API # 30-021-20261

Harding County, New Mexico

Elevation 4761

Unit Letter J 1989 FEL X 2007 FEL

T2IN R33E Section 10

8 5/8" OD 24#/ft K55

ST+C Set @ 716' in 1 1/4
hole, Cmt Circ

Perf @ w/ 2 SPF

2286-2291, 2293-2316, 2329-2333

2340-2360

PBTD 2365'

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

2000 psi Star Fiberglass

Set @ 2386' in 7/8 hole
Cmt Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

SUBJECT

BDCDGL # 2133-081G

API # 30-021-20260

Harding County, New Mexico

Elevation 4884

Unit Letter G 1762 FEL X 1971 FNL

T2IN R33E Section 8

8 5/8" OD 24 #/ft K55

ST+C Set @ 718' in 1 1/4
hole, Cmt Circ

Perf @ w/ 2 SPK

2230-2243, 2254-2260, 2266-2287

PBTD 2429'

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

2000 psi Star Fiberglass

Set @ 2471' in 7 7/8 hole
Cmt Circ.

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

BEP

SUBJECT BDCDGL # 2133-071G
API # 30-021-20258

Harding County, New Mexico

Elevation 4920

Unit Letter G 1977 FNL X 1984 FNL

T2IN R33E Section 7

8 5/8" OD 24#/ft K55

ST+C Set @ 703' in 1 1/4
hole, Cmt Circ

Perf @ w/ 2 SPF

2272-2280, 2290-2298, 2310-2324
2368-2384, 2390-2392, 2398-2400
2420-2426

PBTD 2478'

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

2000 psi Star Fiberglass

Set @ 2505' in 7/8 hole
Cmt Circ.