



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



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

October 20, 1993

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

Attention: Bill Prichard

Administrative Order TX-207

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

PV2V2005534212

Exhibit "A"
Amoco Production Company
Administrative Order TX-207

Well Name & No.	API No.	Location	County
BDCDGU 2033-162	30-021-20234	K-16-20N-33E	Harding
BDCDGU 2033-171	30-021-20239	G-17-20N-33E	Harding
BDCDGU 2033-221X	30-021-20244	G-22-20N-33E	Harding
BDCDGU 2033-271	30-021-20241	G-27-20N-33E	Harding
BDCDGU 2033-201	30-021-20238	G-20-20N-33E	Harding
BDCDGU 2033-211	30-021-20243	G-21-20N-33E	Harding
BDCDGU 2033-291	30-021-20242	G-29-20N-33E	Harding
BDCDGU 2033-331	30-021-20240	G-33-20N-33E	Harding
BDCDGU 2033-191	30-021-20235	G-19-20N-33E	Harding
BDCDGU 2033-281	30-021-20237	G-28-20N-33E	Harding



Hold until 10-14

OIL CONSERVATION DIVISION
RECEIVED

'93 SEP 13 AM 10 16

Amoco Production Company

South Package
OPEN HOLES

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. 2033-162K, 2033-171G, 2033-221X,
2033-271G, 2033-201G, 2033-211G, 2033-291G,
2033-331G, 2033-191G, 2033-281G
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 2033-162K, 2033-171G, 2033-221X, 2033-271G, 2033-201G, 2033-211G, 2033-291G, 2033-331G, 2033-191G, and 2033-281G.

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.

: 1993 South Development Package - All 4 1/2 cs9 shoes set 2' to 6' into Cimarron Anhydrite. Well are close to WNW/ESE Trending Fault and prone to water production.

Ry

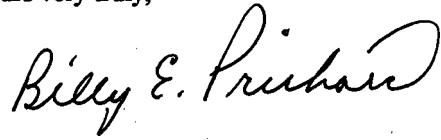
10 wells
Need Top of Cimarron for these wells!

10-7-93 →
tak w/ Prichard - will set next week

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 and title.

Billy E. Prichard
Field Foreman

Attachments

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

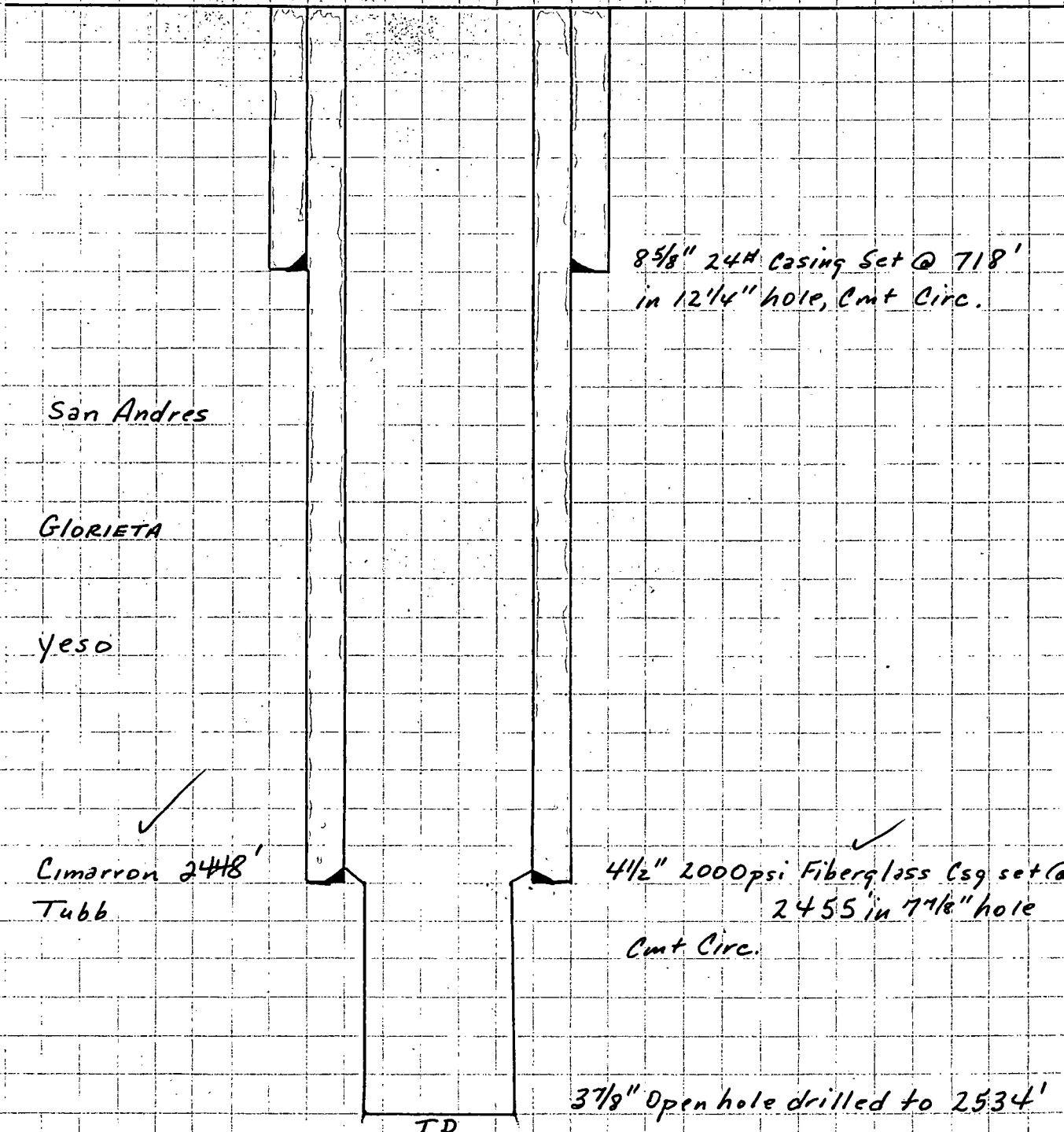
BY

BEP

SUBJECT BDCDGA # 2033162K

API # 30-021-20234

Harding County, New Mexico



Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

SUBJECT BDCDGC # 2033171G

API # 30-021-20239

Harding County, New Mexico

8 5/8" 24# Casing Set @ 665'
in 12 1/4" hole, Cmt Circ.

San Andres

GLORIETA

yeso

✓
Cimarron 2437

Tubb

✓
4 1/2" 2000psi Fiberglass Csg set @
2451' in 7 7/8" hole
Cmt Circ.

3 7/8" Open hole drilled to 2523'

TD

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

SUBJECT BDCDGL # 2033-221X

API # 30-021-20244

Harding County, New Mexico

8 5/8" 24# Casing Set @ 693'
in 12 1/4" hole, Cmt Circ.

San Andres

GLORIETA

yeso

✓
Cimarron 2388'
Tubb

✓
4 1/2" 2000psi Fiberglass Csg set @
2400' in 7 7/8" hole
Cmt Circ.

3 7/8" Open hole drilled to 2514'

TD

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

SUBJECT BDCDGL # 2033-2716

API # 30-021-20241

Harding County, New Mexico

San Andres

GLORIETA

yeso

Cimarron 2349

Tubb

*8 5/8" 24# Casing Set @ 695'
in 12 1/4" hole, Cmt Circ.*

*4 1/2" 2000psi Fiberglass Csg set @
2371' in 7 1/8" hole
Cmt Circ.*

3 7/8" Open hole drilled to 2491'

TD

Amoco Production Company

ENGINEERING CHART

SHEET NO. _____ OF _____
 FILE _____
 APPN _____
 DATE _____
 BY *BEP*

SUBJECT BDCDGC # 2033-201G

API # 30-021-20238

Harding County, New Mexico

San Andres

GLORIETA

Yaso

Cimarron 2446
Tubb

8 5/8" 24# Casing Set @ 706'
in 12 1/4" hole, Cmt Circ

4 1/2" 2000psi Fiberglass Csg set @
2460' in 7 7/8" hole
Cmt Circ

3 7/8" Open hole drilled to 2538'

TD

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

SUBJECT BDCDGC # 2033-211G

API # 30-021-20243

Harding County, New Mexico

8 5/8" 24# Casing Set @ 682'
in 12 1/4" hole Cmt Circ.

San Andres

GLORIETA

Yaso

Cimarron 2436
Tubb

4 1/2" 2000psi Fiberglass Csg set @
2449' in 7 7/8" hole
Cmt Circ

3 7/8" Open hole drilled to 2517'

TD

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

SUBJECT BDCDEU # 2033291G

API # 30-021-20242

OK Ray

Harding County, New Mexico

San Andres

GLORIETA

yeso

✓
Cimarron 2419
Tubb

✓
4 1/2" 2000psi Fiberglass Csg set @
2441' in 7 7/8" hole
Cmt Circ.

3 7/8" Open hole drilled to 2518'

TD

Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

SUBJECT BDCDGU # 2033-331G

API # 30-021-20240

Harding County, New Mexico

San Andres

GLORIETA

yeso

✓
Cimarron 2307
Tubb

✓
4 1/2" 2000psi Fiberglass Csg set @
2316' in 7 7/8" hole
Cmt Circ

3 7/8" Open hole drilled to 2417'

TD

Amoco Production Company

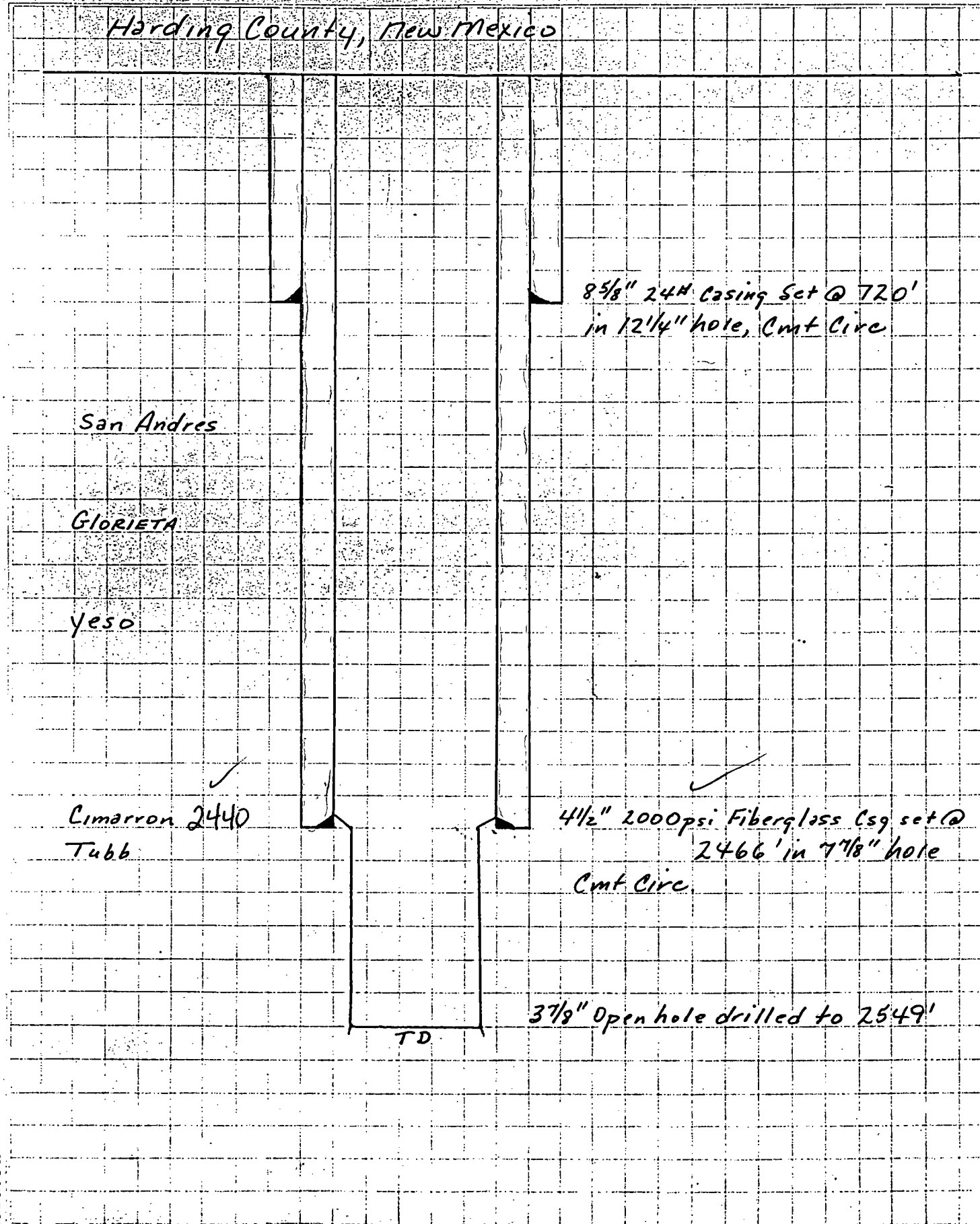
ENGINEERING CHART

SHEET NO. _____ OF _____
 FILE _____
 APPN _____
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 BY BEP

SUBJECT BDCDGU # 2033-191G

API # 30-021-20235

Harding County, New Mexico



Amoco Production Company

ENGINEERING CHART

SHEET NO.

OF

FILE

APPN

DATE

BY

BEP

SUBJECT BDCDGC # 2033-2816

API # 30-021-20237

Harding County, New Mexico

San Andres

GLORIETA

yeso

✓
Cimarron 2378

Tubb

8 5/8" 24# Casing Set @ 710'
in 12 1/4" hole, Cmt Circ

✓
4 1/2" 2000psi Fiberglass Csg set @
2390' in 7 7/8" hole
Cmt Circ

3 7/8" Open hole drilled to 2471'

TD

To: Ray Johnson

From BEP

BRAVO DOME

CIMARRON AND Table TOPS

	2033 AREA	Well
Sec 16	TOP CMRN CSG 2448 2455	TOP TUBS 2468 2033-162
SEC 17	2437 2450	2454 2033-171
SEC 19	2440 2466	2455 2033-191
SEC 20	2446 2458	2463 2033-201
Sec 21	2436 2449	2454 2033-211
Sec 22	2388 2400	2405 2033-221
Sec 27	2349 2372	2367 2033-271
Sec 28	2378 2390	2396 2033-281
Sec 29	2419 2442	2438 2033-291
Sec 33	2307 2316	2326 2033-331

Formation Tops on Twp 20N Rge 33E

FOR Ray Johnson

FROM HERB WACKER - Amaro