

Release 1-21-85

By Dec

156-1972

RULE - 104F(L)



**Amoco Production Company**

Petroleum Center Building  
501 Airport Drive  
Farmington, New Mexico 87401  
505-325-8841

W. J. Holcomb  
District Manager

December 27, 1984

DEC 31 1984 Dual Completion

Mr. Gilbert Quintana  
New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, NM 87501

RECEIVED Dedicated Acreage

Blanco Mesaverde - 320 Acres  
S/2 of Section 27, T29N, R10W

File: DDL-1309-400.1

Otero Chacra - 160 Acres

Application for Unorthodox Location  
Romero Gas Com "A" No. 1A  
Otero Chacra and Blanco Mesaverde Fields  
San Juan County, New Mexico

SE1/4 Section 27, T29N R10W

Fee hand

Amoco Production Company hereby requests approval of an unorthodox well location for the Romero Gas Com "A" No. 1A. The proposed location is 1430' FSL x 1645' FEL of Section 27, T29N, R10W, San Juan County, New Mexico.

This well was restaked in the unorthodox location indicated above in order to stay out of irrigated fields as requested by the surface owner.

A copy of this application is being sent by certified mail to the offset lease holders, Southern Union, Union Texas, El Paso Natural Gas, with the request that they furnish you a waiver of objection and return one copy of the same to me.

Sincerely,

KRJ/gw

Attachments

cc: Mr. Ernie Bush  
New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, NM 87410

\_\_\_\_\_ hereby waives objection to Amoco's application for an unorthodox location as proposed above.

By: \_\_\_\_\_ Date: \_\_\_\_\_

RIOW

T 29  
N

<p>21</p>	<p>22</p> <p>Union Texas ▲ Albright #25</p> <p>Union Texas Albright #7E</p>	<p>23</p> <p>So. Royalty Hare #19E</p>
<p>28</p> <p>Amoco</p>	<p>27</p> <p>Amoco So. Union EPNG</p> <p>Amoco Romero A #1</p>	<p>26</p> <p>Amoco</p>
<p>33</p> <p>So. Union ▲ Union Texas Zachry #22</p> <p>Union Texas Zachry #20</p>	<p>34</p> <p>So. Union Union Texas Zachry #27</p> <p>Union Texas Zachry #23</p>	<p>35</p> <p>n/2 EPNG</p> <p>Union Texas Zachry #21</p> <p>Union Texas Zachry #17E</p>

▲ OTERO CHACRA  
 ■ BLANCO MESAVERDE

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-71

All distances must be from the outer boundaries of the Section.

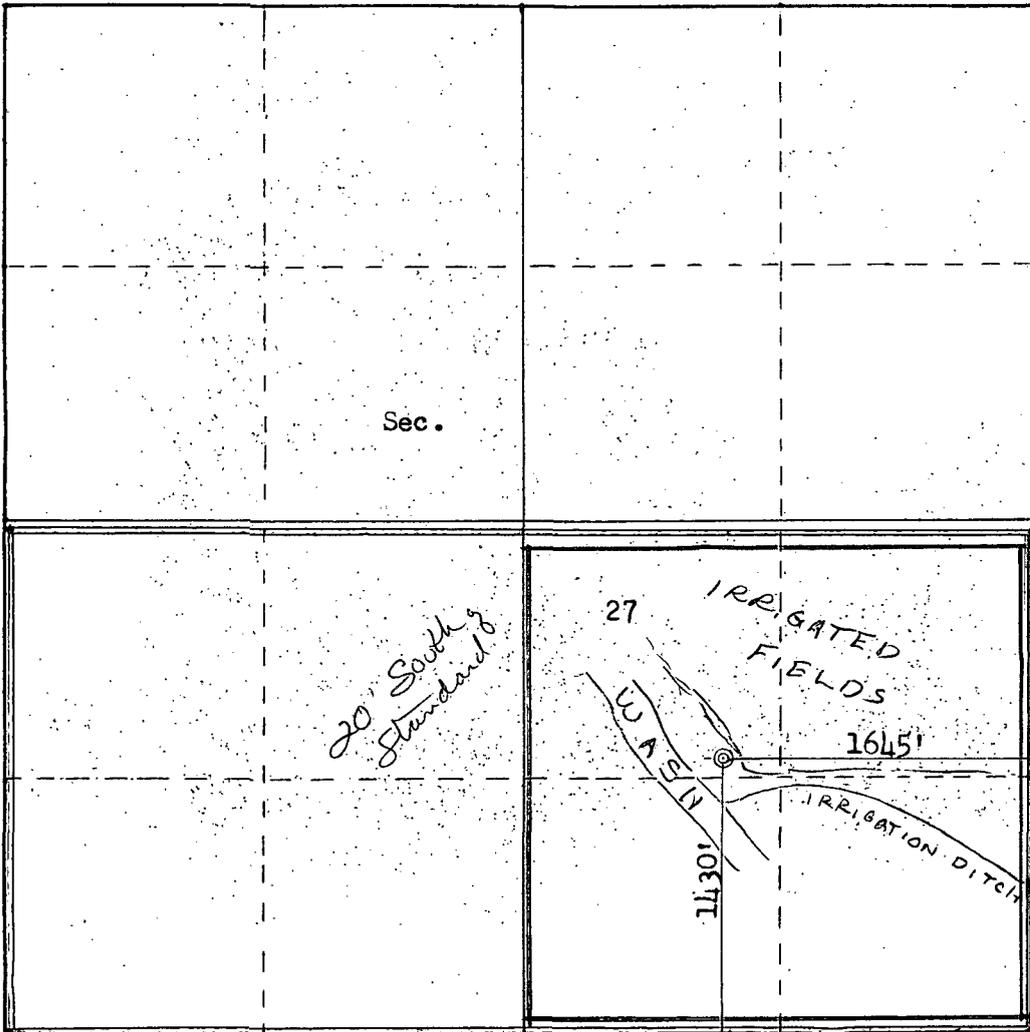
Operator <b>AMOCO PRODUCTION COMPANY</b>		Lease <b>Romero Gas Com "A"</b>		Well No. <b>1A</b>
Unit Letter <b>J</b>	Section <b>27</b>	Township <b>29N</b>	Range <b>10W</b>	County <b>San Juan</b>
Actual Footage Location of Well: <b>1130</b> feet from the <b>South</b> line and <b>1645</b> feet from the <b>East</b> line				
Ground Level Elev. <b>5521</b>	Producing Formation	Pool <b>Otero Chacra &amp; Blanco MV</b>	Dedicated Acreage: <b>160/320</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation Communitized

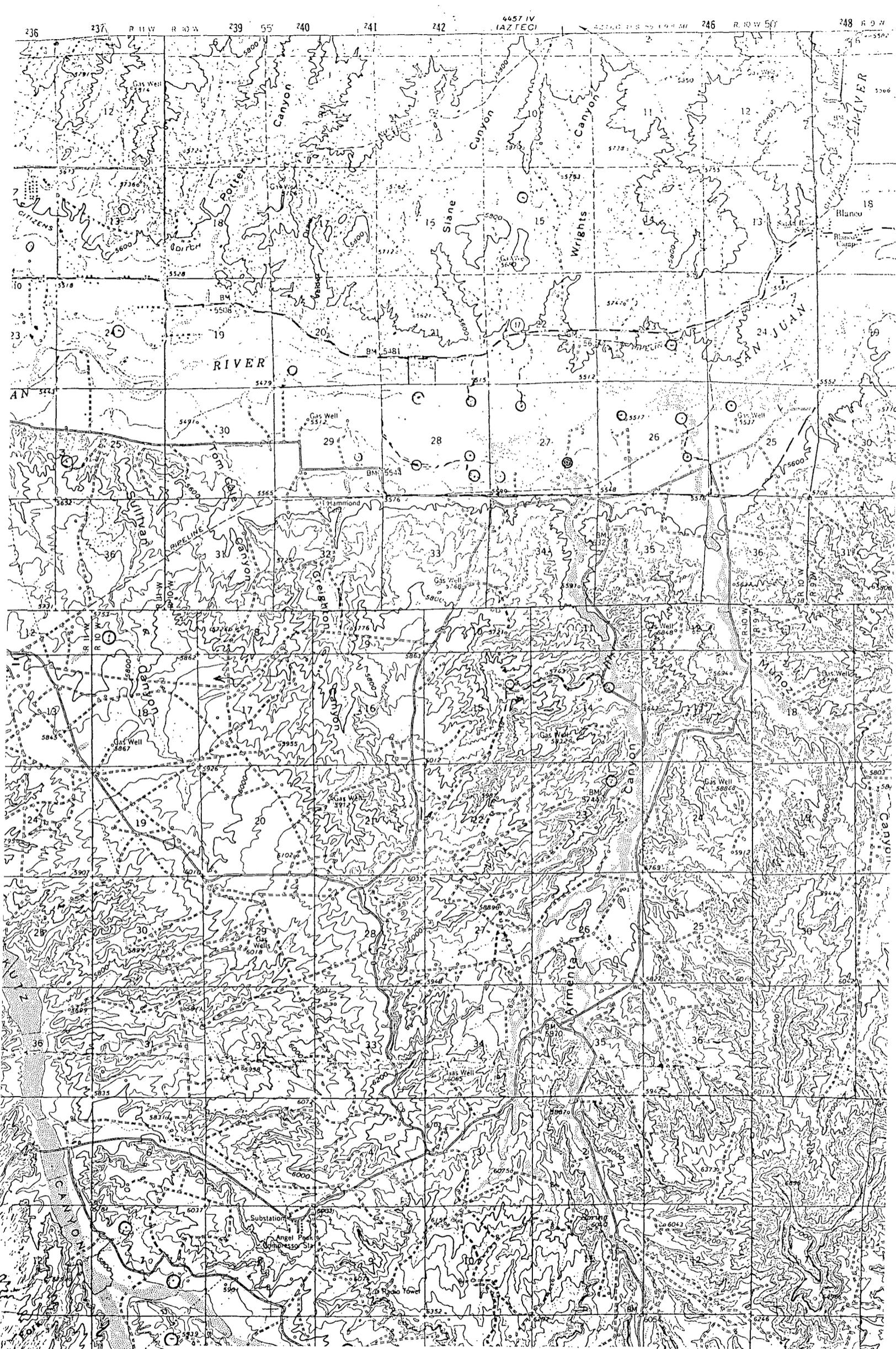
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	B. D. Shaw
Position	Adm. Supervisor
Company	Amoco Production Company
Date	12-21-84
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
Date Surveyed	December 11, 1984
Registered Professional Engineer and Land Surveyor	<i>Fred B. Kerr Jr.</i> Fred B. Kerr Jr.
Certificate No.	3950

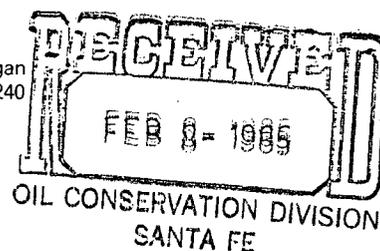


Vicinity Map for  
 AMOCO PRODUCTION CO. # Romero Gas Com A #1A  
 1130' FSL 1645' FEL Sec. 27-T29N-R10W  
 SAN JUAN COUNTY, NEW MEXICO



Donald W. Johnson  
Division Manager  
Production Department  
Hobbs Division  
North American Production

Conoco Inc.  
P.O. Box 460  
726 East Michigan  
Hobbs, NM 88240  
(505) 393-4141



January 31, 1985

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

Attention R. L. Stamets

Dear Mr. Stamets:

Conoco Inc., as operator of the State S-19 No. 2 Saltwater Disposal Well (SWD), requests a maximum surface pressure limitation increase from 441 psig to 500 psig.

The surface injection pressure increase is needed because:

1. Low capacity (Kh) of the State S-19 No. 2 SWD well has drastically reduced the injection rate of the State S-19 No. 2 SWD well as reservoir pressure increases. This reduced injection rate, which is necessary to maintain surface injection pressures below the allowed 441 psig, will require Conoco to haul and dispose of produced water. This additional cost will increase lease operating costs; thus, decreasing the economic life of the lease.

Conoco believes that the increased surface pressure will not cause migration of the injected fluid from the Seven Rivers-Grayburg-San Andres formation through the plugged and abandoned wells shown in finding No. (4) of Division Order No. R-7282 or in any other matter for the following reasons:

1. Calculated fracture gradient, based on the initial hydraulic fracture, is 1.2 PSI/FT (see figure No. 1 & calculation Sheet No. 1.)
2. Calculated reservoir radius is 1588' based on cumulative gas production (see calculation Sheet No. 2). Therefore, it is highly unlikely that water injected in the State S-19 No. 2 SWD well will migrate to wells approximately 2640 feet away.
3. Based on material balance and volumetric calculations 4,153,168 STBW can be injected into the State S-19 No. 2 SWD before initial reservoir pressure is reached. Therefore, we believe that fluid will not be able to migrate from the Seven-Rivers Queen-Grayburg-San Andres formations through the previously mentioned plugged and abandoned wells until a minimum cumulative volume of 4,153,168 STBW has been injected. At present injection rates, it is estimated that this will require at least 17 years of injection.

Conoco believes that increasing the injection pressure to 500 psi is the only means by which the State S-19 No. 2 SWD well can be used as an efficient saltwater disposal well because:

1. Calculated skin is - 2.01 and calculated capacity is only 93 md-ft, based on pressure fall off analysis.
2. The well was acidized in 1-13, 1984 with no improvement in injectivity.

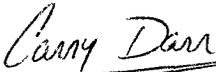
Conoco, respectfully requests that immediate attention be given to this request. Please notify Mr. Hugh Ingram of your decision at the address above.

Thank you.



Donald W. Johnson

CDKD:bkw



#70

Calculation Sheet No. 1  
Calculation of Fracture Gradient

ISIP from Figure No. 1 treatment report 1900 psig  
Fluid used was 35° API gravity.

$$S.G. = \frac{141.5}{(131.5 + 35)} = 0.8498$$

$$\text{Hydrostatic head} = 2280 \times .8498 \times 0.433 = 839 \text{ psig.}$$

$$\text{Fracture Gradient} = \frac{[1900 + 839] \text{ PSI}}{2280 \text{ FT}} = 1.20 \text{ PSI/FT}$$

*"Engineered Well Services"*  
GENERAL OFFICES - MIDLAND, TEXAS

HOBBS, NEW MEX.  
ULYBES, KAN.

Old Well  New Well  Contractor Deaver Drilling Co. TREATMENT REPORT Well State S-19 Field Receipt No. 2551

Section Treated Grayburg Fmtn. 2289 to 2299 Total Depth (GWD) 2280 Type Treatment Fluid 9356 lease oil 1000# Adomite- 500 Special L.T. Sand 9300

District Hobbs Date 7-2-57 Stage No. 1 this section. Lease State S-19 Well No. 2

Operator Continental Oil Company Field Wildcat County Eddy State N.M.

Depth TD/KB 2450 Size Tubing 2" elec Tbg. Perf. 2280 Type Pkr. Guib. KVA Set at 2280

Size Casing 4 1/2 Weight 9.5 Set at thru Size Hole Below 8.8

Size Liner                      Weight                      Set From                      to                      Csg. Cap 0.3

Casing Perforations (show from, to, w/holes per foot) 2289 - 99 4/ft. Annular Cap                     

Production prior to this treatment no test - new well Fluid to load                     

Hole loaded with Water No. pumps used 2 Type Fracmaster 1200 Trng. fluid 218

Misc. Info. to treat casing perforations below hookwall packer with 9356 gal. lease oil - 1000# adomite and 9300# 20/40 sand Flush 9.1

Over Flush 24 Total to Recover 272

Total Number Sealers to use 7000 in                      stages Operator max. trng. press. 6000

Test Western Xns to 7000 psi Type recording chart used Electronic

Time	Treating Pressure	Bbl. Fluid pumped/ In. min.	Inj. Rate BBL./Min.	REMARKS
12:20	1900	10.00	2.00	start oil to circulate water out of hole via casing
12:29	1900	2.00	2.00	hole circulated - shut down to pull 5 joints tubing
1:24	900			set packer and pressure casing to 900
1:25	2500			start acid to spot via tubing
1:27	2000	12		formation break 2500 to 2200 - speed pump
1:29	4200	21	9.0	all acid - start break down - both pumps
1:56	4200	249	8.3	formation taking fluid at 4300 - start frac to spot
2:00	4000	282	8.2	all frac - start flush and over flush
2:08	1900			all flush and over flush - treatment complete
				shut in pressure

CALCULATION SHEET NO. 2

Calculation of Z Factor

Specific gravity of gas  
0.70

BHT = 81°F  
 $t_B = 60^\circ$      $P_B = 15.025$  PSIA

Initial pressure = 433.6 psia

From Figure 3-9

$T_{pc} = 385^\circ R$      $P_{pc} = 665$  psia

$T_{pr} = \frac{541}{385} = 1.4$

$P_{pr} = \frac{(433.6)}{665} = 0.651$

Figure 3-7     $Z = 0.930$

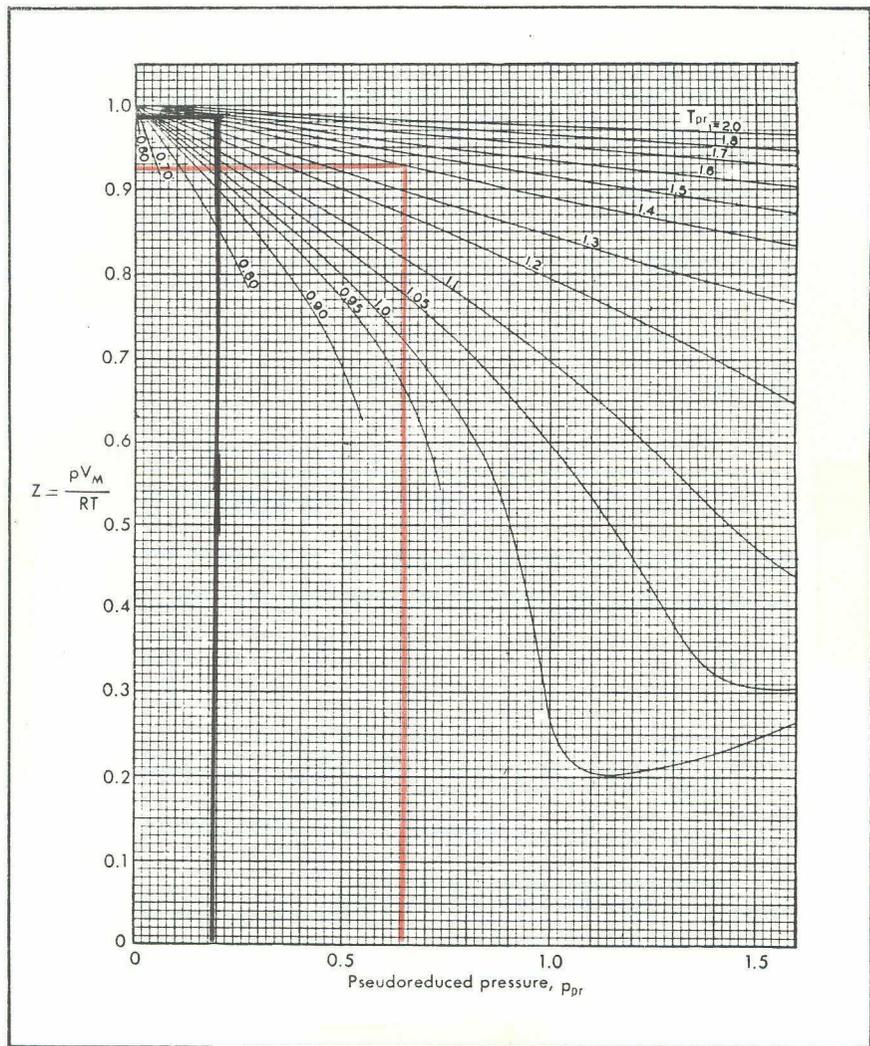


FIG. 3-7. Compressibility factors for natural gases at low reduced pressures. (Brown et al., *Natural Gasoline and the Volatile Hydrocarbons*, NGAA, 1948, 33, with permission).

Calculation of Z factor @ average reservoir pressure of 129.9

From figure 3-9

$$T_{pc} = 385 \qquad P_{pc} = 665 \text{ PSIA}$$

$$T_{pr} = \frac{541}{385} = 1.4$$

Estimated from SI fluid level

$$P_{pr} = \frac{129.9}{665} = 0.195$$

From figure 3-7  $Z = 0.98$

Calculation of reservoir pore volume based on cumulative production.

Given:

- Initial pressure = 433.6 PSIA
- Reservoir temperature = 81°F
- Standard pressure = 15.025 PSIA
- Standard temperature = 60°
- Cumulative Production = 701 x 10<sup>6</sup> SCF
- Average Reservoir Pressure = 129.9 PSIA
- Gas Deviation factor @ 433.6 = 0.93
- Gas Deviation factor @ 129.9 = 0.98

$$\frac{P_{sc} C_P}{T_{sc}} = \frac{P_i V_i}{Z_i T} - \frac{P_f V_i}{Z_f T}$$

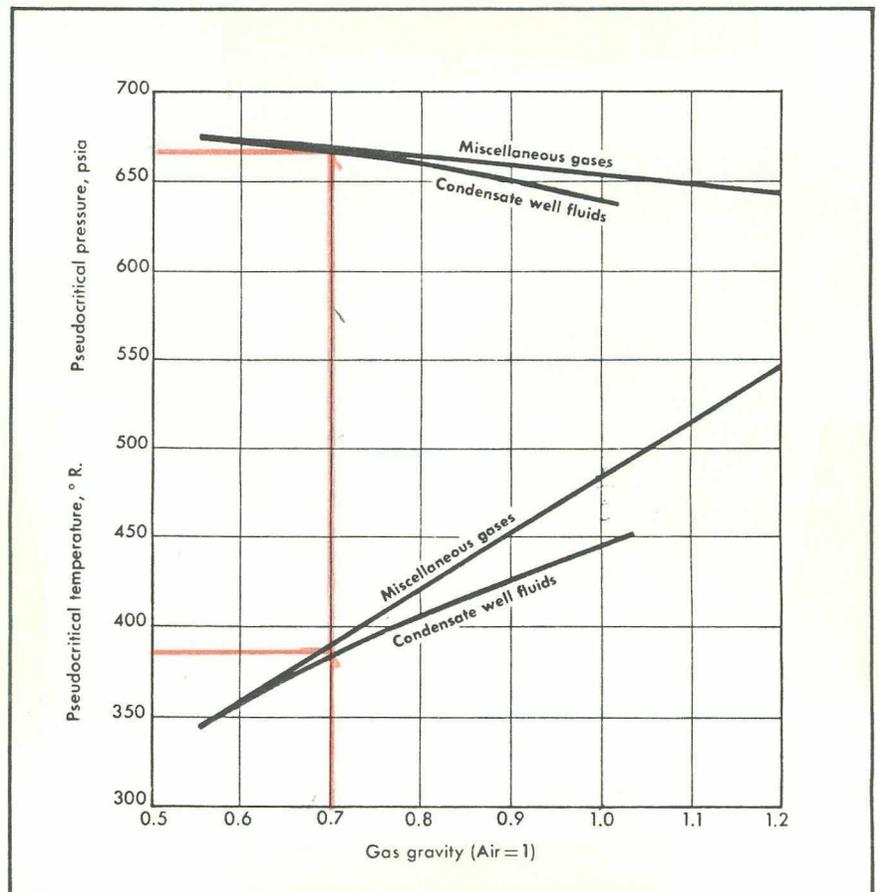


FIG. 3-9. Pseudocritical properties of natural gases. (Brown et al., *Natural Gasoline and the Volatile Hydrocarbons*, NGAA, 1948, 44, with permission).

$$\frac{15.025 (701 \times 10^6)}{520} = \frac{433.6 V_i}{0.93 (541)} - \frac{129.9 V_i}{0.98 (541)}$$

$$\begin{aligned} 2.0254856 \times 10^7 &= 0.86181 V_i - 0.245 V_i \\ 2.0254856 \times 10^7 &= 0.61681 V_i \end{aligned}$$

$$\begin{aligned} V_i &= 3.2838080 \times 10^7 \text{ CF} \\ V_i &= 5.8482778 \times 10^6 \text{ BBLs} \end{aligned}$$

$$\frac{1}{7758 \text{ bbl/acre ft}} \times 5.848278 \times 10^6 \text{ bbls} = 754 \text{ acre Ft}$$

Initial gas in place

$$\frac{P_i V_i}{Z_i T} \times \frac{T_{sc}}{P_{sc}} = G$$

$$\frac{433.6 (3.28 \times 10^7)}{0.93 (541)} \times \frac{520}{15.025} = 978 \text{ MMSCFG}$$

$$\text{Recovery factor} = \frac{701 \times 10^6}{978 \times 10^6} = 71\%$$

Water that can be injected:

Water that can be injected

$$7758 \text{ bbl/acre Ft} \times 754 \text{ acre Ft.} \times 0.71 \text{ recovery} = 4,153,168 \text{ bbls}$$

Calculation of Input Radius

Assume a uniform radial input

$$\text{NEP} = 37'$$

$$43560 \text{ FT}^2/\text{acre} \times \frac{754 \text{ Acre} - \text{FT}}{37 \text{ FT} \times 0.14 \times .8 \phi \times \text{Sat Gas}} = 7,925,734 \text{ FT}^2$$

$$r = \sqrt{\frac{7,925,734}{3.1416}} = 1,588.34 \text{ FT}$$

NSU-11972



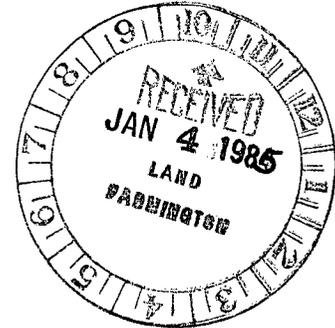
**Amoco Production Company**

Petroleum Center Building  
501 Airport Drive  
Farmington, New Mexico 87401  
505-325-8841

W. J. Holcomb  
District Manager

December 27, 1984

Mr. Gilbert Quintana  
New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, NM 87501



File: DDL-1309-400.1

Application for Unorthodox Location  
Romero Gas Com "A" No. 1A  
Otero Chacra and Blanco Mesaverde Fields  
San Juan County, New Mexico

Amoco Production Company hereby requests approval of an unorthodox well location for the Romero Gas Com "A" No. 1A. The proposed location is 1430' FSL x 1645' FEL of Section 27, T29N, R10W, San Juan County, New Mexico.

This well was restaked in the unorthodox location indicated above in order to stay out of irrigated fields as requested by the surface owner.

A copy of this application is being sent by certified mail to the offset lease holders, Southern Union, Union Texas, El Paso Natural Gas, with the request that they furnish you a waiver of objection and return one copy of the same to me.

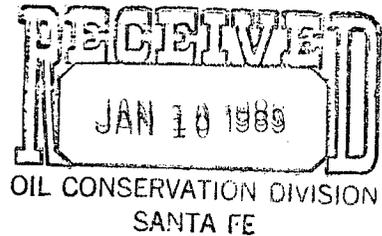
Sincerely,

Original Signed  
**W. J. Holcomb**  
by DDL

KRJ/gw

Attachments

cc: Mr. Ernie Bush  
New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, NM 87410



El Paso Exploration Company hereby waives objection to Amoco's application for an unorthodox location as proposed above.

By: *Ernie Bush*

Date: January 8, 1985

NSC-1972



Amoco Production Company

Petroleum Center Building  
501 Airport Drive  
Farmington, New Mexico 87401  
505-325-8841

RECEIVED  
JAN 28 1985  
OIL CONSERVATION DIVISION  
SANTA FE

W. J. Holcomb  
District Manager

December 27, 1984

Mr. Gilbert Quintana  
New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, NM 87501

File: DDL-1309-400.1

Application for Unorthodox Location  
Romero Gas Com "A" No. 1A  
Otero Chacra and Blanco Mesaverde Fields  
San Juan County, New Mexico

Amoco Production Company hereby requests approval of an unorthodox well location for the Romero Gas Com "A" No. 1A. The proposed location is 1430' FSL x 1645' FEL of Section 27, T29N, R10W, San Juan County, New Mexico.

This well was restaked in the unorthodox location indicated above in order to stay out of irrigated fields as requested by the surface owner.

A copy of this application is being sent by certified mail to the offset lease holders, Southern Union, Union Texas, El Paso Natural Gas, with the request that they furnish you a waiver of objection and return one copy of the same to me.

Sincerely,

Original Signed  
W. J. Holcomb  
by DDL

KRJ/gw

Attachments

cc: Mr. Ernie Bush  
New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, NM 87410

UNION TEXAS PETROLEUM hereby waives objection to Amoco's application for an unorthodox location as proposed above.

By: Will J. Hehe Date: 1/15/85  
DISTRICT MANAGER

RETURN THIS COPY TO NMOCD.

*Release May 3, 1985*

*By D&C*



Amoco Production Company  
Petroleum Center Building  
501 Airport Drive  
Farmington, New Mexico 87401  
505-325-8841

W. J. Holcomb  
District Manager

April 15, 1985

*Amended NSL-1972*

Mr. Gilbert Quintana  
New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, NM 87501

File: DDL-414-400.1

Application for Unorthodox Location  
Romero Gas Com "A" No. 1A  
Otero Chacra and Blanco Mesaverde Fields  
San Juan County, New Mexico

Amoco Production Company hereby requests approval of an unorthodox well location for the Romero Gas Com "A" No. 1A. The proposed location is 1240' FSL x 700' FEL of Section 27, T29N, R10W, San Juan County, New Mexico.

This well was restaked a second time in the unorthodox location indicated above in order to avoid the surface owners-irrigation pipelines.

A copy of this application is being sent to lease holders, Southern Union, Union. I request that they furnish you a copy of the same to me.

*Reviewed 5-9-85  
looks okay.  
off okay.*

Sincerely,

Original Signed  
W. J. Holcomb  
by BDS  
LJM/ct

*Verbal from E. Busch  
5-14-85*

AMCO  
5  
DIV.

Attachments

✓ cc: Mr. Ernie Bush  
New Mexico Oil Conservation Divi  
1000 Rio Brazos Road  
Aztec, NM 87410

J. D. Cutter  
Denver

\_\_\_\_\_ hereby waives objection to Amoco's application for an unorthodox location as proposed above.

AM18

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-100  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

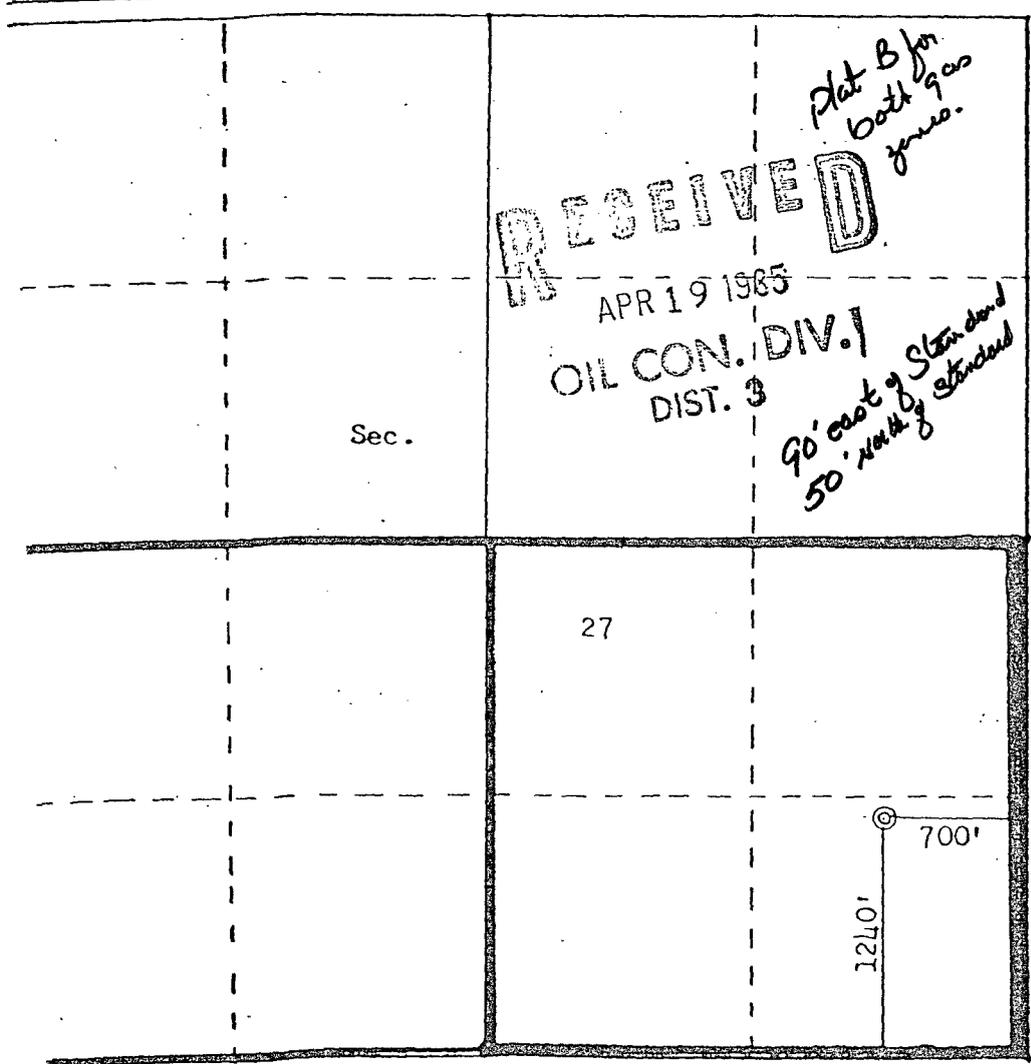
Operator <b>MOCO PRODUCTION COMPANY</b>			Lease <b>ROMERO GAS COM "A"</b>		Well No. <b>1A</b>
Section Letter	Section	Township	Range	County	
	<b>27</b>	<b>29N</b>	<b>10W</b>	<b>San Juan</b>	
Well Location of Wells					
<b>240</b>	feet from the <b>South</b> line and		<b>700</b>	feet from the <b>East</b> line	
Well Level Elev: <b>525</b>	Producing Formation <b>Chacra/Mesaverde</b>	Pool <b>Otero Chacra/ Blanco MV</b>	Dedicated Acreage: <b>160/320</b> Acres		

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation communitized

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>B. D. Shaw</i>	
Name	B. D. Shaw
Position	Adm. Supervisor
Company	Amoco Production Co.
Date	4/12/85
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
Date Surveyed	March 20, 1985
Registered Professional Engineer and Land Surveyor	<i>Fred B. Kern Jr.</i>
Certificate No.	3950



STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
 OIL CONSERVATION DIVISION  
 AZTEC DISTRICT OFFICE

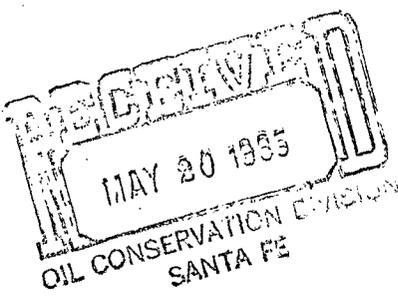
NSC-1472

1000 RIO BRAZOS ROAD  
 AZTEC, NEW MEXICO 87410  
 (505) 334-6178

OIL CONSERVATION DIVISION  
 BOX 2088  
 SANTA FE, NEW MEXICO 87501

DATE 5-15-85

- RE: Proposed MC \_\_\_\_\_
- Proposed DHC \_\_\_\_\_
- Proposed NSL X \_\_\_\_\_
- Proposed SWD \_\_\_\_\_
- Proposed WFX \_\_\_\_\_
- Proposed PMX \_\_\_\_\_



Gentlemen:

I have examined the application dated 4-17-85  
 for the Amoco Operator Parsons Coal Com "A" #1A Lease and Well No. P-27.29N-10W Unit, S-T-R

and my recommendations are as follows:

Approve

---



---



---



---



---

Yours truly,

[Signature]



**Amoco Production Company**

Petroleum Center Building  
501 Airport Drive  
Farmington, New Mexico 87401  
505-325-8841

W. J. Holcomb  
District Manager

April 15, 1985

Mr. Gilbert Quintana  
New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, NM 87501



File: DDL-414-400.1

Application for Unorthodox Location  
Romero Gas Com "A" No. 1A  
Otero Chacra and Blanco Mesaverde Fields  
San Juan County, New Mexico

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This well was restaked a second time in the unorthodox location indicated above in order to avoid the surface owners irrigation pipelines.

A copy of this application is being sent by certified mail to the offset lease holders, Southern Union, Union Texas, and El Paso Natural Gas, with the request that they furnish you a waiver of objection and return one copy of the same to me.

Sincerely,

*W. J. Holcomb* *BSS*

LJM/ct

Attachments

cc: Mr. Ernie Bush  
New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, NM 87410

cc: R. J. Criswell  
Denver  
  
J. D. Cutter  
Denver

\_\_\_\_\_ hereby waives objection to Amoco's application for an unorthodox location as proposed above.

RETURN THIS COPY TO NMOCD.



W. J. Holcomb  
District Manager

April 15, 1985

Mr. Gilbert Quintana  
New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, NM 87501

File: DDL-414-400.1

Application for Unorthodox Location  
Romero Gas Com "A" No. 1A  
Otero Chacra and Blanco Mesaverde Fields  
San Juan County, New Mexico

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A copy of this application is being sent by certified mail to the offset lease holders, Southern Union, Union Texas, and El Paso Natural Gas, with the request that they furnish you a waiver of objection and return one copy of the same to me.

Sincerely,

Original Signed  
W. J. Holcomb  
by BDS

LJM/ct

Attachments

cc: Mr. Ernie Bush  
New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, NM 87410

cc: R. J. Griswell  
Denver  
J. D. Cutter  
Denver

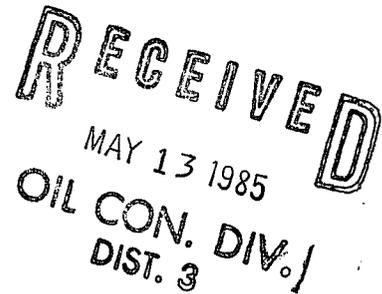
\_\_\_\_\_ hereby waives objection to Amoco's application for an unorthodox location as proposed above.

AM18

BY Will W. Hulse DATE 5/9/85  
**UNICON PRODUCING COMPANY**

**Amoco Production Company**

Petroleum Center Building  
501 Airport Drive  
Farmington, New Mexico 87401  
505-325-8841



RETURN THIS COPY TO NMOCD.



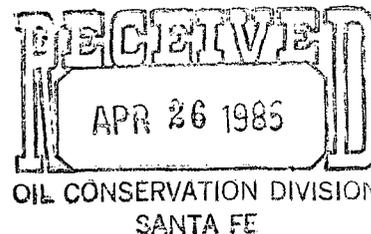
## Amoco Production Company

Petroleum Center Building  
501 Airport Drive  
Farmington, New Mexico 87401  
505-325-8841

W. J. Holcomb  
District Manager

April 15, 1985

Mr. Gilbert Quintana  
New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, NM 87501



File: DDL-414-400.1

Application for Unorthodox Location  
Romero Gas Com "A" No. 1A  
Otero Chacra and Blanco Mesaverde Fields  
San Juan County, New Mexico

Amoco Production Company hereby requests approval of an unorthodox well location for the Romero Gas Com "A" No. 1A. The proposed location is 1240' FSL x 700' FEL of Section 27, T29N, R10W, San Juan County, New Mexico.

This well was restaked a second time in the unorthodox location indicated above in order to avoid the surface owners irrigation pipelines.

A copy of this application is being sent by certified mail to the offset lease holders, Southern Union, Union Texas, and El Paso Natural Gas, with the request that they furnish you a waiver of objection and return one copy of the same to me.

Sincerely,

**Original Signed**  
**W. J. Holcomb**  
**by BDS**

LJM/ct

Attachments

cc: Mr. Ernie Bush  
New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, NM 87410

cc: R. J. Criswell  
Denver  
J. D. Cutter  
Denver

Meridian Oil Inc hereby waives objection to Amoco's application for an unorthodox location as proposed above.



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178

OIL CONSERVATION DIVISION  
BOX 2088  
SANTA FE, NEW MEXICO 87501

DATE 1-16-85

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL X \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated 12-28-84  
for the AMOCO Romero Gas Com "A" #1A J-27-29N-10W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve;  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours truly,

Erin Beaul

RECEIVED  
JAN 31 1985  
OIL CONSERVATION DIVISION  
SANTA FE