



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONEY ANAYA
GOVERNOR

April 19, 1935

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Mr. W. J. Holcomb
District Manager
Amoco Production Company
Petroleum Center Building
501 Airport Drive
Farmington, New Mexico 87401

Re: CASE NO. _____
ORDER NO. 8506
R-7878

Applicant:

Amoco Production Company

Dear Sir:

Enclosed herewith are two copies of the above-referenced
Division order recently entered in the subject case.

Sincerely,

R. L. STAMETS
Director

RLS/fd

Copy of order also sent to:

Hobbs OCD _____
Artesia OCD x
Aztec OCD x
x

Other _____



Amoco Production Company

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

W. J. Holcomb
District Manager

February 6, 1985

Case 8506

Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

Gentlemen:

Conversion of Johnson Gas Com E No. 1 to a Water Disposal Well

On January 23, 1984, letters were mailed to offset lease holders explaining the latest revision to the original application (reference File: TKA-6-400.1). The leaseholders were listed on Attachment No. 3. Enclosed is the letter sent to the offset operators and the certified mail receipts.

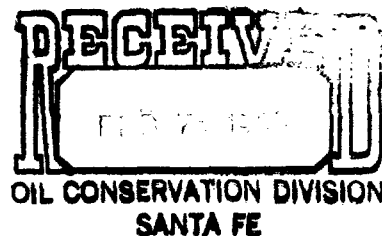
The letters explained the change in the injection interval from the Menefee and Point Lookout (3904'-4565') to the Menefee (3904'-4106') only.

W. J. Holcomb TRA

VAC/ct

Enclosure

AM12



Conversion of Johnson Gas Com E No. 1
to a Water Disposal Well

Amoco Production Company is revising the water disposal application for the Johnson Gas Com E No. 1 dated January 23, 1985, File: TKA-6-400.1.

The proposed injection interval (3904'-4565'), included the Menefee and Point Lookout in the Flora Vista Formation. The revision would change the injection interval to only the Menefee (3904'-4106'). Log calculations show that the Menefee is 100% water saturated. To isolate the Point Lookout from injection, a permanent cast iron bridge plug would be set at 4300'. Fifty feet of Class B Neat Cement would be pumped on top of the plug. The bridge plug will be pressure tested to 3000 PSI.

If there are any questions regarding the revision, please contact Randy Rickford at 325-8841, Ext. 246.

W. J. Helcomb
VAC/ct _{TRH}

Enclosure

AM11

<p>SENDER: Complete items 1, 2, 3 and 4.</p> <p>Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.</p> <p>1. <input checked="" type="checkbox"/> Show to whom, date and address of delivery.</p> <p>2. <input type="checkbox"/> Restricted Delivery.</p>	
<p>Article Addressed to:</p> <p><i>Longwood, CO 80155</i></p>	
<p>4. Type of Service:</p> <p><input type="checkbox"/> Registered <input type="checkbox"/> Insured</p> <p><input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD</p> <p><input type="checkbox"/> Express Mail</p>	<p>Article Number</p> <p><i>P553 443 422</i></p>
<p>Always obtain signature of addressee or agent and DATE DELIVERED.</p>	
<p>5. Signature - Addressee</p> <p><i>[Signature]</i></p>	
<p>6. Signature - Agent</p> <p><i>[Signature]</i></p>	
<p>7. Date of Delivery</p> <p><i>31 JAN 1985</i></p>	
<p>8. Addressee's Address (ONLY if requested and fee paid)</p> <p><i>[Address]</i></p>	

<p>SENDER: Complete items 1, 2, 3 and 4.</p> <p>Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.</p> <p>1. <input checked="" type="checkbox"/> Show to whom, date and address of delivery.</p> <p>2. <input type="checkbox"/> Restricted Delivery.</p>	
<p>Article Addressed to:</p> <p><i>Southland Plaza/4th Tower</i> <i>1000 Fort Worth, TX 76102</i></p>	
<p>4. Type of Service:</p> <p><input type="checkbox"/> Registered <input type="checkbox"/> Insured</p> <p><input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD</p> <p><input type="checkbox"/> Express Mail</p>	<p>Article Number</p> <p><i>P553 443 421</i></p>
<p>Always obtain signature of addressee or agent and DATE DELIVERED.</p>	
<p>5. Signature - Addressee</p> <p><i>[Signature]</i></p>	
<p>6. Signature - Agent</p> <p><i>[Signature]</i></p>	
<p>7. Date of Delivery</p> <p><i>31 JAN 1985</i></p>	
<p>8. Addressee's Address (ONLY if requested and fee paid)</p> <p><i>[Address]</i></p>	

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1. ☒ Show to whom, date and address of delivery.
 2. ☐ Restricted Delivery.

3. Article Addressed to:

Arco
P.O. Box 5540
Denver, CO 80217

4. Type of Service:

- ☒ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail

Article Number

PS53 443 416

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee

X

6. Signature - Agent

X

7. Date of Delivery

8. Addressee's Address (ONLY if requested and fee paid)



DOMESTIC RETURN RECEIPT

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1. ☒ Show to whom, date and address of delivery.
 2. ☐ Restricted Delivery.

3. Article Addressed to:

Northwest Pipeline
ATT: Wendell Carrothers
P.O. Box 8900
Salt Lake City, UT 84108-0900

4. Type of Service:

- ☒ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail

Article Number

PS53 443 420

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee

X

6. Signature - Agent

X

7. Date of Delivery

8. Addressee's Address (ONLY if requested and fee paid)



DOMESTIC RETURN RECEIPT

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1. ☒ Show to whom, date and address of delivery.
 2. ☐ Restricted Delivery.

3. Article Addressed to:

E1 Paso Exploration
 P.O. Box 1492
 El Paso, TX 79999

4. Type of Service:

- ☐ Registered ☐ Insured
☐ Certified ☐ COD
☐ Express Mail

Article Number

P553443418

Always obtain signature of addressee or agent and
 DATE DELIVERED.

5. Signature - Addressee

X

6. Signature - Agent

X

7. Date of Delivery**8. Addressee's Address (ONLY if requested and fee paid)**

DOMESTIC RETURN RECEIPT

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1. ☐ Show to whom, date and address of delivery.
 2. ☐ Restricted Delivery.

3. Article Addressed to:

E1 Paso Natural Gas
 P.O. Box 4289
 Farmington, NM 87499

4. Type of Service:

- ☐ Registered ☐ Insured
☐ Certified ☐ COD
☐ Express Mail

Article Number

P553443415

Always obtain signature of addressee or agent and
 DATE DELIVERED.

5. Signature - Addressee

X

6. Signature - Agent

X

7. Date of Delivery**8. Addressee's Address (ONLY if requested and fee paid)**

DOMESTIC RETURN RECEIPT

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1. ☒ Show to whom, date and address of delivery.
 2. ☐ Restricted Delivery.

3. Article Addressed to:

Texaco
P.O. Box 2100
Denver, CO 80201

4. Type of Service:

- ☒ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail

Article Number

D553 443 417

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee

X

6. Signature - Agent

X

7. Date of Delivery

1/15/85
855

8. Addressee's Address (ONLY if requested and fee paid)**SENDER: Complete items 1, 2, 3 and 4.**

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1. ☒ Show to whom, date and address of delivery.
 2. ☐ Restricted Delivery.

3. Article Addressed to:

Minerals Management Service
Petroleum (106 Plaza)
Farmington, NM 87401
Attn: Arlen Hiner

4. Type of Service:

- ☒ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail

Article Number

D553 443 419

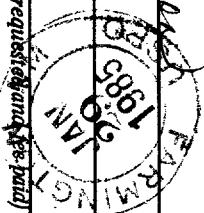
Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee

X

6. Signature - Agent

X

7. Date of Delivery**8. Addressee's Address (ONLY if requested and fee paid)**



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 Feb 4, 1985

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL _____
Proposed SWD x _____
Proposed WFX _____
Proposed PMX _____

[Faint stamp: RECEIVED, FEB 11 1985, OIL CONSERVATION DIVISION]

Case 8506

Gentlemen:

I have examined the application dated 1/24/85
for the Operator Johnson Gas Com E #1 D-15-30-12
Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Docket for Drilling

Yours truly,

Frank D. [Signature]



W. J. Holcomb
District Manager

January 23, 1985

RECEIVED
JAN 24 1985
OIL CON. DIV.
DIST. 3

Amoco Production Company

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

Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

File: TKA-6-400.1

Gentlemen:

Conversion of Johnson Gas Com E No. 1
to a Water Disposal Well

Amoco Production Company requests approval to convert the Johnson Gas Com E No. 1 to a water disposal well. This well was originally drilled as a gas well, but proved to be uneconomical after nine days of on line production.

The proposed injection interval, 3904-4565', is the original perforated zone in the Flora Vista Mesaverde formation. The perforated zone is a sandstone which is permeable enough to readily accept fluids. Expected injection rates will average 100 BWPd to a maximum of 250 - 500 BWPd. Proposed average injection pressures are 1100 psi to a maximum of 2000 psi. The system is closed.

The Ojo Alamo formation is an underground source of drinking water. The depth of the zone is 0' to 320'. There is a large distance between the Ojo Alamo and the Flora Vista Mesaverde formation. Based on available geological evidence no faults or breaks are evident within the area of review.

After a door to door survey, it was discovered that residents close to the Johnson Gas Com E No. 1 are connected to city water for domestic use. Analysis for fresh water wells in the area of review are attached. A water analysis comparison between the injection fluid (So. Ute B-3) and receiving formation water (Osborn 1-22) reveals no significant scaling tendencies when the waters are mixed.

In compliance with the Form C-108, find attached an original and one copy with each of the following:

Attachment No:

1. "Well Location and Dedication Plat" (NMOCD Form C-102)



Amoco Production Company

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

W. J. Holcomb
District Manager

January 28, 1985

Oil Conservation Division
Attn: Ernest Bush
1000 Rio Brazos Road
Aztec, NM 87410

File: TKA-20-400.1

Gentlemen:

Conversion of Johnson Gas Com E No. 1
to a Water Disposal Well

Amoco Production Company is revising the water disposal application for the Johnson Gas Com E No. 1 dated January 23, 1985, File: TKA-6-400.1.

The proposed injection interval (3904'-4565'), included the Menefee and Point Lookout in the Flora Vista Formation. The revision would change the injection interval to only the Menefee (3904'-4106'). Log calculations show that the Menefee is 100% water saturated. To isolate the Point Lookout from injection, a permanent cast iron bridge plug would be set at 4300'. Fifty feet of Class B Neat Cement would be pumped on top of the plug. The bridge plug will be pressure tested to 3000 PSI.

If there are any questions regarding the revision, please contact Randy Rickford at 325-8841, Ext. 246.

W. J. Holcomb TRH
VAC/ct

Enclosure

AM11

RECEIVED

JAN 29 1985

OIL CON. DIV
DIST. 3

NORTHWEST PIPELINE CORPORATION
ONE OF THE WILLIAMS COMPANIES

LAND DEPARTMENT

P.O. BOX 1526
SALT LAKE CITY, UTAH 84110-1526
801-584-7215

62-85

January 22, 1985

Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

Case 8506

Re: Proposed Conversion of Johnson Gas Com E No. 1 to a
Water Disposal Well, San Juan County, New Mexico

Gentlemen:

Northwest Pipeline would like to have an extension to the 15 day
objection period before responding to the referenced proposal of
Amoco.

Due to the possibility of having the water communicate with the
gas in the Mesaverde pool and reducing the potential production,
we feel more time is warranted to do a Geologic Study of the
area to determine the affect this might have on our Mesaverde Wells.

Sincerely,

Darrell L. Gillen

Darrell L. Gillen
Land Coordinator

jawc

cc: Amoco Production

RECEIVED
JAN 23 1985
OIL CON. DIV.
DIST. 3