



Home Office 707 N. Leech, P.O. Box 1499 / Hobbs, NM 88240 / Ph. 505/393-7751, TWX 910/986-0010

August 17, 1989

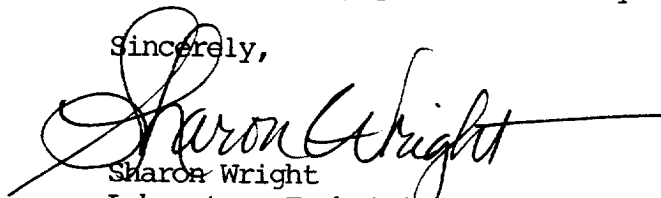
Ralph Skinner
Marathon Oil Company
P. O. Box 2409
Hobbs, NM 88241

Dear Mr. Skinner:

Enclosed please find our water analysis report on the sample submitted to our laboratory on August 10, 1989. Location of sample point was closest point (windmill) from Aetna Eaves Sec 26-T16S-R38E.

If you have any questions or require further information, please contact us.

Sincerely,


Sharon Wright
Laboratory Technician

SW/sr

Enclosure

cc: John Offutt
Technician Dept - Marathon
Allen Wilson
Joe Hay

DEPTH IS $\pm 60'$ TO $\pm 120'$

RECEIVED

AUG 31 1981

OCD
HARRIS OFFICE

Unichem International

707 North Leech

P.O.Box 1499

Hobbs, New Mexico 88240

Company : MARATHON OIL
Date : 08-17-1989
Location: Aetna Eaves - SWD (on 8-10-89)

Specific Gravity:	Sample 1
Total Dissolved Solids:	1.000
pH:	632
IONIC STRENGTH:	8.60
	0.012

CATIONS:

		<u>me/liter</u>	<u>mg/liter</u>
Calcium	(Ca ⁺²)	3.47	69.3
Magnesium	(Mg ⁺²)	0.933	11.3
Sodium	(Na ⁺¹)	4.59	105
Iron (total)	(Fe ⁺²)	1.00	28.0
Barium	(Ba ⁺²)	0.001	0.100

ANIONS:

Bicarbonate	(HCO ₃ ⁻¹)	3.80	232
Carbonate	(CO ₃ ⁻²)	0	0
Hydroxide	(OH ⁻¹)	0	0
Sulfate	(SO ₄ ⁻²)	2.37	114
Chloride	(Cl ⁻¹)	2.82	100

SCALING INDEX (positive value indicates scale)

<u>Temperature</u>	<u>Calcium</u>	<u>Calcium</u>
86°F 30°C	<u>Carbonate</u>	<u>Sulfate</u>
	1.3	-17

Comment: Fresh water sample taken within one mile radius Aetna-Eaves Sec 26 T16S-R38E
Eaves is a proposed SWD well.

Form C-108

Part XII

Marathon Oil Company has examined available geologic and engineering data and finds no evidence of open faults or any other hydrologic connection between the disposal zone (San Andres) and the underground source of drinking water (Ogallala).

070-89/ASW

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, George W. Moore

of the Hobbs Daily News-Sun, a
daily newspaper published at
Hobbs, New Mexico, do solemnly
swear that the clipping attached
hereto was published once a week
in the regular and entire issue of
said paper, and not a supplement
thereof for a period

of _____

Three Days.
Beginning with the issue dated

August 14, 1989
and ending with the issue dated

August 16, 1989

George W. Moore
Publisher.

Sworn and subscribed to before

me this 31 day of

August, 1989
Camela A. Cole
Notary Public.

My Commission expires _____

July 12, 1993
(Seal)

This newspaper is duly qualified to
publish legal notices or adver-
tisements within the meaning of
Section 3, Chapter 167, Laws of
1937, and payment of fees for said
publication has been made.

LEGAL NOTICE

Aug. 14, 15, 16, 1989

~~Marathon Oil Company~~
P.O. Box 552, Midland,
Texas 79702 (915-682-1626)
has applied to the New
Mexico Oil Conservation
Division for a permit to
inject fluid into the San
Andres formation, Up-
designated field, Lea
County, New Mexico, Sec-
tion 26, T-16-S, R-38-E. The
proposed well known as the
Aetna Eaves well No. 2 will
be used to dispose of a
maximum of 1000 BWPd at
a maximum pressure of
1000 psig through perfora-
tions at 5968' - 6241'. Inter-
ested parties should direct
questions to Jack Jenkins
at the above address or file
objections or request for a
hearing with the Oil Con-
servation Division, P.O.
Box 2088, Santa Fe, New
Mexico 87501 within 15
days.

RECEIVED

AUG 31 1989

OCD
HOBES OFFICE

FORM C-108
Landowner - Aetna Eaves

1. Mr. & Mrs. Walter V. Lawrence
P. O. Box 2309
Hobbs, New Mexico 88240



P.O. Box 552
Midland, Texas 79702
Telephone 915/682-1626

August 24, 1989


Mr. & Mrs. Walter V. Lawrence
P. O. Box 2309
Hobbs, New Mexico 88240

Re: Application for Authorization to Inject
Aetna Eaves Well No. 2
330' FNL & 990' FEL Section 26, T16S, R38E

Dear Mr. & Mrs. Lawrence:

In accordance with the New Mexico Oil Conservation Division Rule 701, Marathon Oil Company is furnishing you with a copy of the Form C-108 for the Aetna Eaves Well No. 2. If additional information is required, please contact the undersigned at (915) 682-1626. If you have an objection to this application, a request for a hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 must be filed within 15 days.

Sincerely,


J. R. Jenkins
Hobbs Production Superintendent

075-89/ASW

Instructions: Complete items 1 and 2 when additional services are desired, and complete items 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 and the date of delivery. For additional fees the following services are available. Consult postmaster for rates and check boxes for additional service(s) requested.	
<input type="checkbox"/> State to whom delivered, date, and addressee's address. (Basic charge)	<input type="checkbox"/> Restricted Delivery (Basic charge)
3. Article Addressed to: MR. & MRS. W. V. LAWRENCE P.O. Box 2309 HOBBS, NEW MEXICO 88240	4. Article Number PO46660889
5. Signature - Addressee X	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
6. Signature - Agent J. R. Jenkins	Always check signature of addressee or agent and DATE DELIVERED .
7. Date of Delivery 8-28-89	8. Addressee's Address (ONLY if requested and fee paid)

FORM C-108
List of Offset Leasehold Operators

1. Marathon Oil Company
2. Amoco Production Company
P. O. Box 3092
Houston, Texas 77253



P.O. Box 552
Midland, Texas 79702
Telephone 915/682-1626

August 24, 1989

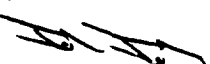
Amoco Production Company
P. O. Box 3092
Houston, Texas 77253

Re: Application for Authorization to Inject
Aetna Eaves Well No. 2
330' FNL & 990' FEL Section 26, T16S, R38E
Lea County, New Mexico


Gentlemen:

In accordance with the New Mexico Oil Conservation Division Rule 701, Marathon Oil Company is furnishing Amoco with a copy of the Form C-108 for the Aetna Eaves Well No. 2. If additional information is required, please contact the undersigned at (915) 682-1626. If Amoco has an objection to this application, a request for a hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 must be filed within 15 days.

Sincerely,


J. R. Jenkins
Hobbs Production Superintendent

147-89/JRJ

<p>● SENDERS: Complete Items 1 and 2 when additional services are desired, and complete Items 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 delivering to and the date of delivery. For additional fees the following services are available: (Check box for each extra service desired) for additional service(s) requested.</p> <p>1. <input type="checkbox"/> Below to whom delivered, date, and addressee's address. 2. <input type="checkbox"/> Registered Mail (Have charges)</p>							
<p>3. Article Addressed to:</p> <p>AMOCO PRODUCTION CO. P.O. Box 3092 HOUSTON, TEXAS 77253</p>	<p>4. Article Number</p> <p>1046-210</p> <p>5. Type of Service</p> <table border="0"><tr><td><input type="checkbox"/> Registered</td><td><input type="checkbox"/> Insured</td></tr><tr><td><input type="checkbox"/> Certified</td><td><input type="checkbox"/> COD</td></tr><tr><td><input type="checkbox"/> Return Receipt</td><td><input type="checkbox"/> Return Receipt for Merchandise</td></tr></table> <p>Always obtain signature of addressee or agent and DATE DELIVERED</p>	<input type="checkbox"/> Registered	<input type="checkbox"/> Insured	<input type="checkbox"/> Certified	<input type="checkbox"/> COD	<input type="checkbox"/> Return Receipt	<input type="checkbox"/> Return Receipt for Merchandise
<input type="checkbox"/> Registered	<input type="checkbox"/> Insured						
<input type="checkbox"/> Certified	<input type="checkbox"/> COD						
<input type="checkbox"/> Return Receipt	<input type="checkbox"/> Return Receipt for Merchandise						
<p>6. Signature - Addressee</p> <p>X</p>	<p>8. Addressee's Address (ONLY if registered mail is paid)</p> <p></p>						
<p>7. Date of Delivery</p> <p>28 1989</p>							

A subsidiary of USX Corporation