

—

24

Petroleum Reservoir Engineering

CORES DIAMOND 3.5M

明史紀事本末

五

COMPLETION CORRECTION

TOTAL WATER ○—○

OIL SATURATION X--X
PERCENT PORE SPACE



	DATE:	PLAN	A. B. C.	RESIDUAL SATURATION PORE SPACE	PROD
				OIL TOTAL WATER	

ANHYDRITE

JALMAT
POOL

JALMAT
POOL

SOUTH
EUNICE
POOL
(POLITICAL
BOUNDARY)

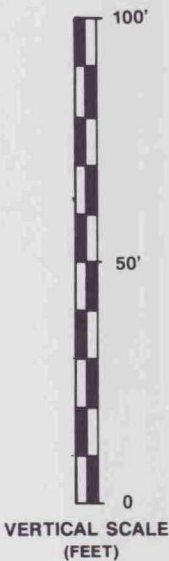
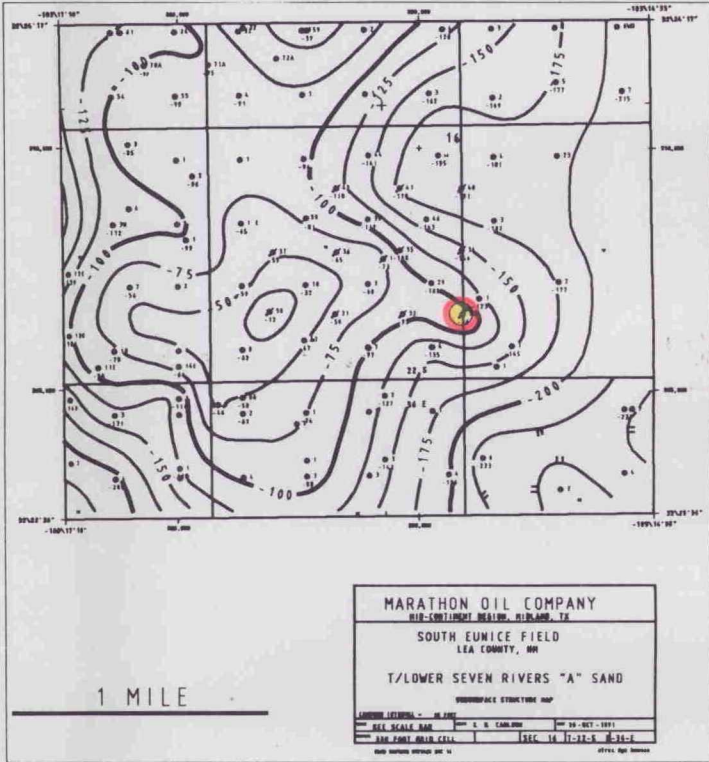
LOWER SEVEN RIVERS "A"

QUEEN

FLOODABLE
UPPER
QUEEN

LOWER
QUEEN
SANDS

1-240 Ft	GR (API units)	KINT	DCAL	porosity
SAND 1-10	0.0 150.0 (GAPI)	1000.0 0.0100 (MD)	-20.000 (IN) 20.000	oil zone
			effective porosity	oil zone
			50.0000 (PU) 0.0000	oil zone
		KOIL	SW	oil zone
		1000.0 0.0100 (MD)	100.0 0.0 (PU)	oil zone
		KGAS	SXO	oil zone
		1000.0 0.0100 (MD)	100.0 0.0 (PU)	oil zone
		KWTR		oil zone
		1000.0 0.0100 (MD)		oil zone
			residual	oil zone
			mixed	oil zone
			water	oil zone
			oil perm	oil zone
			gas perm	oil zone
			water perm	oil zone



Before The
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 10443 Exhibit No. 9
Submitted by: Marathon Oil Company
Hearing Date: 3/05/92



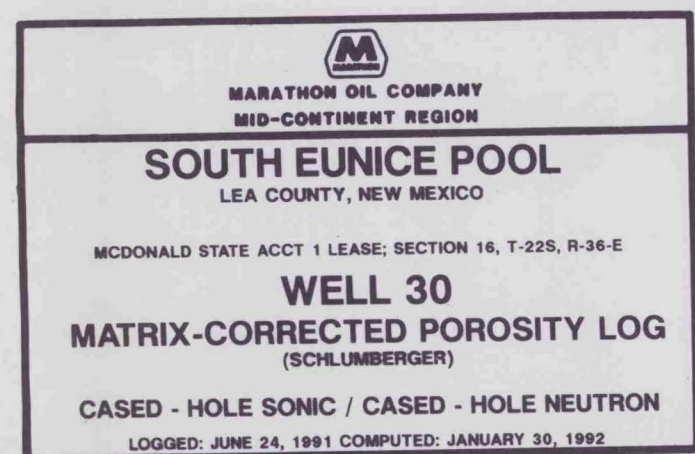
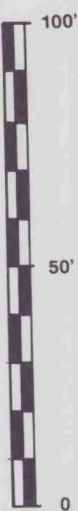
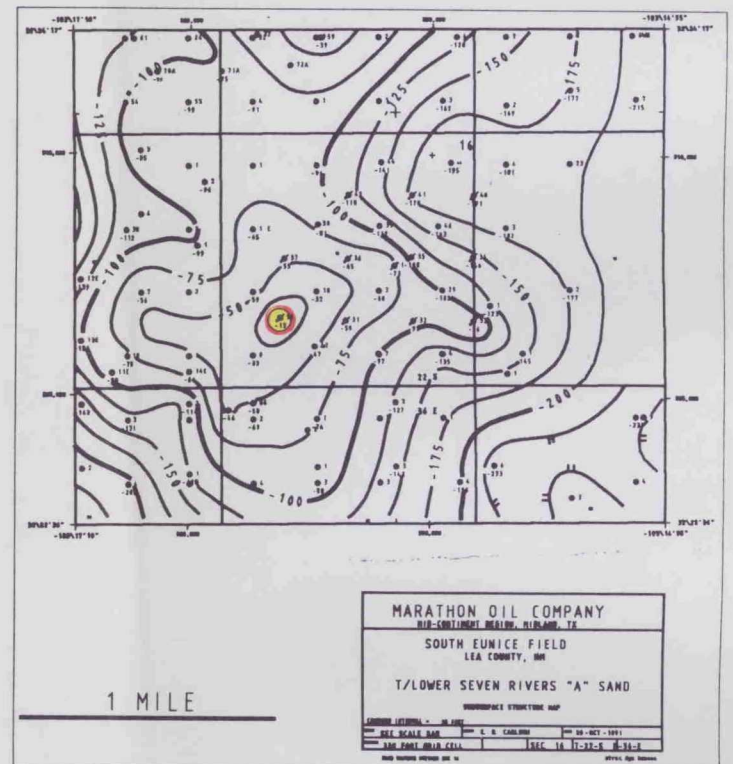
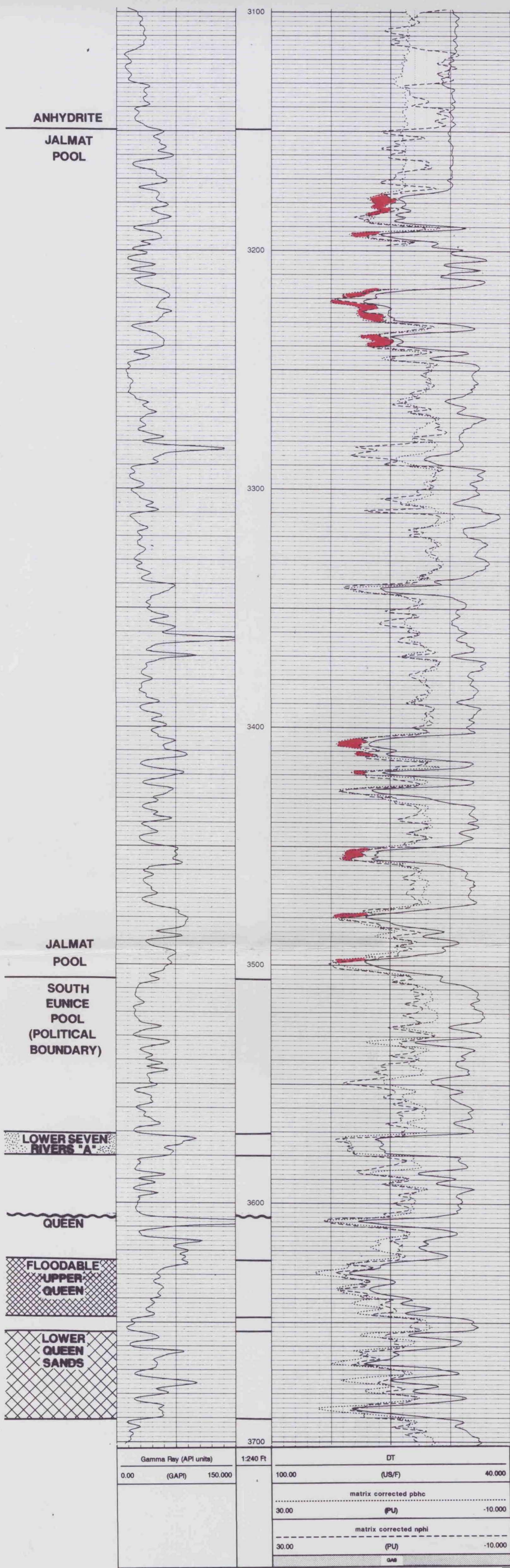
MARATHON OIL COMPANY
MID-CONTINENT REGION

SOUTH EUNICE POOL
LEA COUNTY, NEW MEXICO

MCDONALD STATE ACCT 1 LEASE, SECTION 16, T-22-S, R-36-E

WELL 33
ELAN (COMPUTED) LOG
(SCHLUMBERGER)

USED: LDT, CNL, DLL, MSFL GR LOGS
LOGGED: JUNE 19, 1991 COMPUTED: JANUARY 30, 1992



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED
BY THE OIL CONSERVATION DIVISION
FOR THE PURPOSE OF CONSIDERING:

CASE No. 10443

APPLICATION OF MARATHON OIL COMPANY
FOR AN AMENDMENT TO DIVISION ORDER
R-9503, MCDONALD STATE A/C-1 LEASE
WATERFLOOD PROJECT, LEA COUNTY,
NEW MEXICO

CERTIFICATE OF MAILING

AND

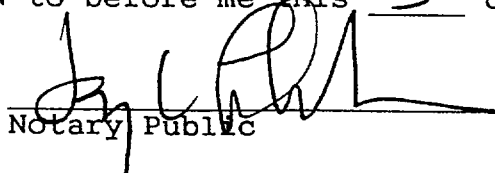
COMPLIANCE WITH ORDER R-8054

W. THOMAS KELLAHIN, attorney in fact and authorized representative of MARATHON OIL COMPANY, states that the notice provisions of Division Rule 1207 (Order R-8054) have been complied with, that Applicant has caused to be conducted a good faith diligent effort to find the correct addresses of all interested parties entitled to receive notice, that on January 24, 1992, I caused to be mailed by certified mail return-receipt requested notice of this hearing and a copy of the application for the above referenced case along with the cover letter, at least twenty days prior to the hearing set for March 5, 1992, to the parties shown in the application as evidenced by the attached copies of return receipt cards, and that pursuant to Division Rule 1207, notice has been given at the correct addresses provided by such rule.



W. Thomas Kellahin

SUBSCRIBED AND SWORN to before me this 3RD day of
March, 1992


Notary Public

My Commission Expires:

10/7/95

SENDER: 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 to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
ARCO Oil and Gas Co.
P.O. Box 1610
Midland, TX 79702

4. Article Number
P 355 567 733

Type of Service:
☒ Registered ☐ Insured
☒ Certified ☐ COD
☒ Express Mail ☐ Return Receipt for Merchandise
 Always obtain signature of addressee or agent and **DATE DELIVERED**.

5. Signature — Addressee
X *[Signature]*

6. Signature — Agent
X *[Signature]*

7. Date of Delivery
JAN 28 1989

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

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT
NTK - MARATHA

SENDER: 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 to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
Conoco, Inc.
P.O. Box 1959
Midland, TX 79702

4. Article Number
P 355 567 734

Type of Service:
☒ Registered ☐ Insured
☒ Certified ☐ COD
☒ Express Mail ☐ Return Receipt for Merchandise
 Always obtain signature of addressee or agent and **DATE DELIVERED**.

5. Signature — Addressee
X

6. Signature — Agent
X *[Signature]*

7. Date of Delivery
JAN 28 1989

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

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT
NTK MARATHA

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
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1. ☐ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
Meridian Oil Inc.
21 Desta Drive
Midland, TX 79701

4. Article Number
P 355 567 735

Type of Service:
☒ Registered ☐ Insured
☒ Certified ☐ COD
☒ Express Mail ☐ Return Receipt for Merchandise
 Always obtain signature of addressee or agent and **DATE DELIVERED**.

5. Signature — Addressee
X

6. Signature — Agent
X *[Signature]*

7. Date of Delivery
1-29-89

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

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

ILLEGIBLE

SENDER: 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 to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. (Extra charge) 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
Doyle Hartman
P.O. Box 10426
Midland, TX 79701

4. Article Number
P355 567 736

Type of Service:
☐ Registered ☐ Insured
☐ Certified ☐ COD
☒ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature — Addressee
X *[Signature]*

6. Signature — Agent
X *[Signature]*

7. Date of Delivery
1-30-92

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

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 **WTK - DOMESTIC RETURN RECEIPT**

SENDER: 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 to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. (Extra charge) 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
Headington Oil INC.
7557 Rambler Rd, Ste 1150
Dallas, TX 75231

4. Article Number
P355 567 737

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature — Addressee
X

6. Signature — Agent
X *[Signature]*

7. Date of Delivery
1/28/92

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

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 **WTK - DOMESTIC RETURN RECEIPT**

SENDER: 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 to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. (Extra charge) 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
Dallas McCasland
P.O. Box 206
Eunice, NM 88231

4. Article Number
P355 567 738

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature — Addressee
X

6. Signature — Agent
X *[Signature]*

7. Date of Delivery
1-28-92

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

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 **WTK - DOMESTIC RETURN RECEIPT**

ILLEGIBLE

HAND DELIVERED TO:

Commissioner of Public Lands
State of New Mexico
State Land Office
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

<p>● SENDER: 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 delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.</p> <p>1. <input type="checkbox"/> Show to whom delivered, date, and addressee's address. (Extra charge) 2. <input type="checkbox"/> Restricted Delivery (Extra charge)</p>	
3. Article Addressed to:	4. Article Number
Dasco Land Corp. P.O. Box 2454 Hobbs, NM 88240	8355 567 740
	Type of Service:
	<input type="checkbox"/> Registered <input type="checkbox"/> Insured
	<input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD
	<input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
	Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature — Addressee	8. Addressee's Address (ONLY if requested and fee paid)
X <i>John Wallace</i>	
6. Signature — Agent	
X	
7. Date of Delivery	
1-27-92	

PS Form 3811, Apr. 1989

* U.S.G.P.O. 1989-238-815

DOMESTIC RETURN RECEIPT

WTK - MARATHON