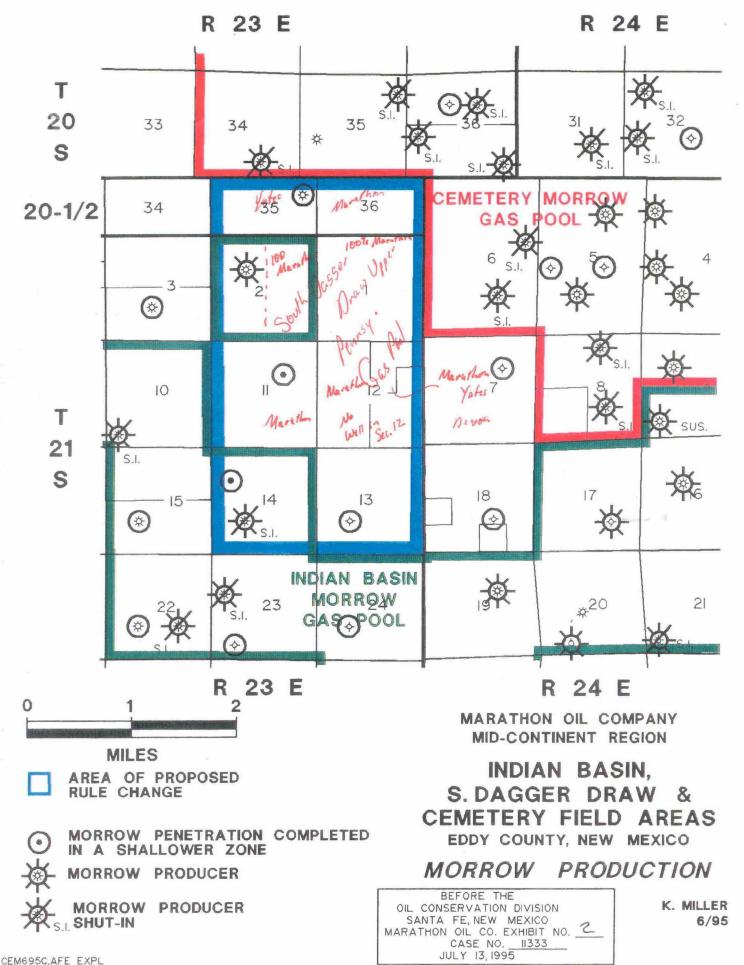
All wells shown Morrow penetrations

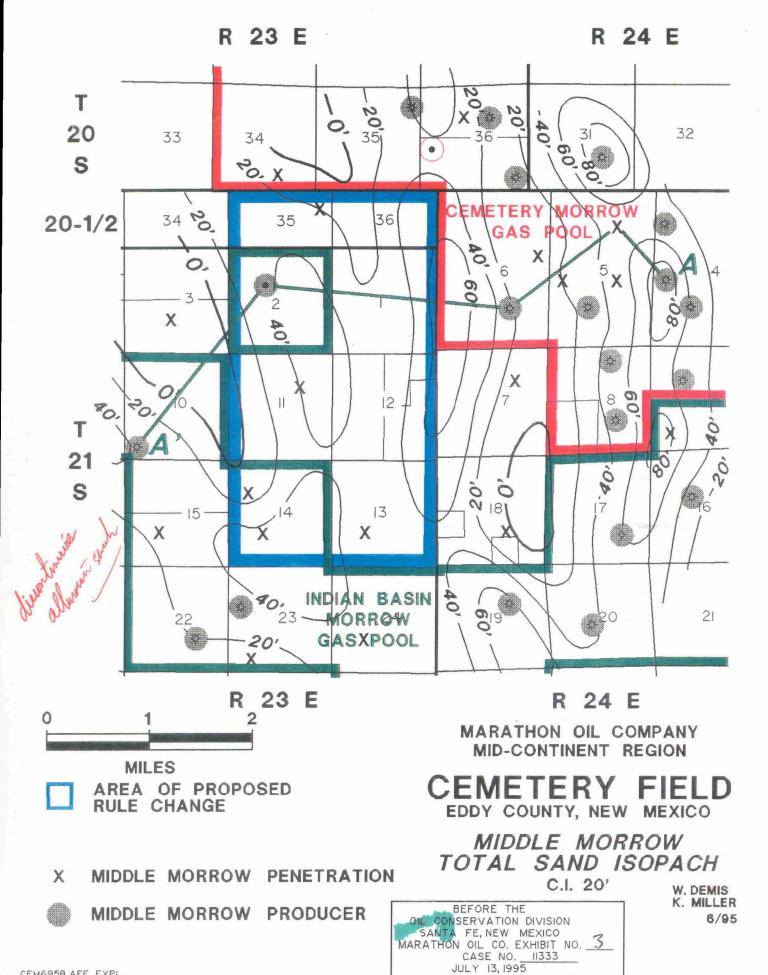
R 25 E R 24 E ² T **#** * ф3 **\ -**\$ T 黨。 * S **-**茶 ₩36 -0 **-** T ф₁₇ ²³ 21R 24 E 22 MARATHON OL COMPANY BED-CONTINENT REGION BASIN FIELD INDIAN AREA DODGEM WEN , YTHUO YOU R 23 E MORROW PRODUCTION CEMETERY MORROW INDIAN BASIN MORROW MORROW GAS PRODUCING BEFORE THE OIL CONSERVATION DIVISION REVISED
PROJECT
FLE LOCA INFRASE, BMP EXPL MORROW GAS DEPLETED SANTA FE, NEW MEXICO
MARATHON OIL CO. EXHIBIT NO.

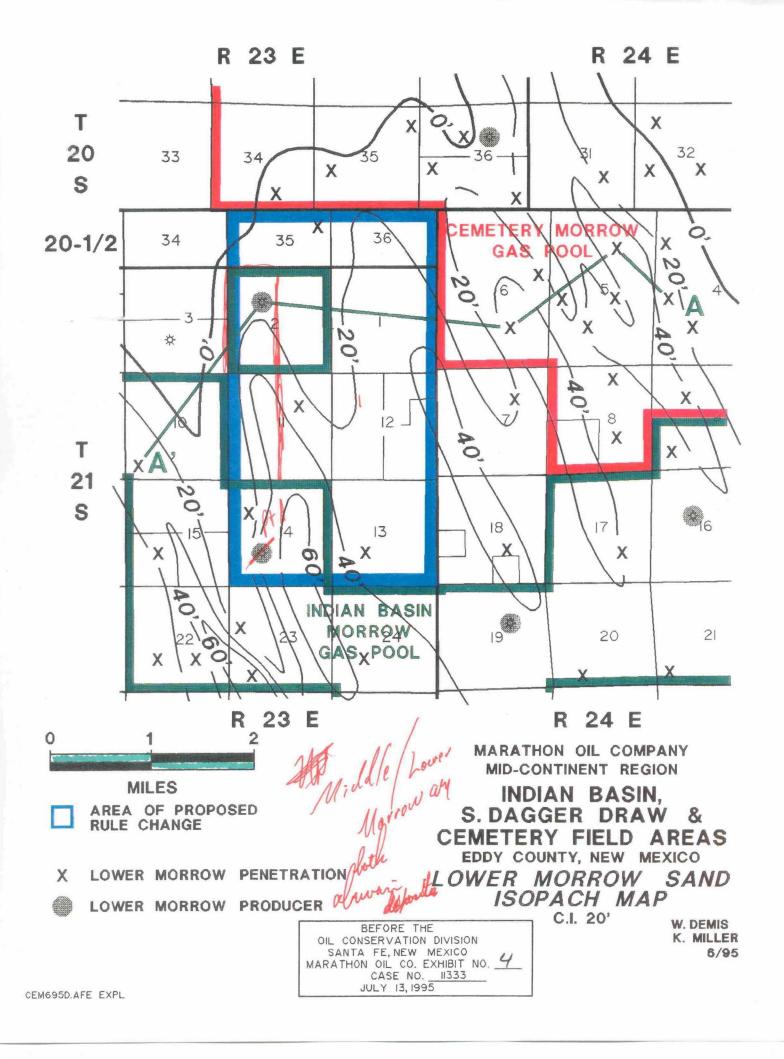
CASE NO. 11333

JULY 13, 1995 - MORROW PENETRATION (DRY) DGN - IBFMORPD.BMP EXPL

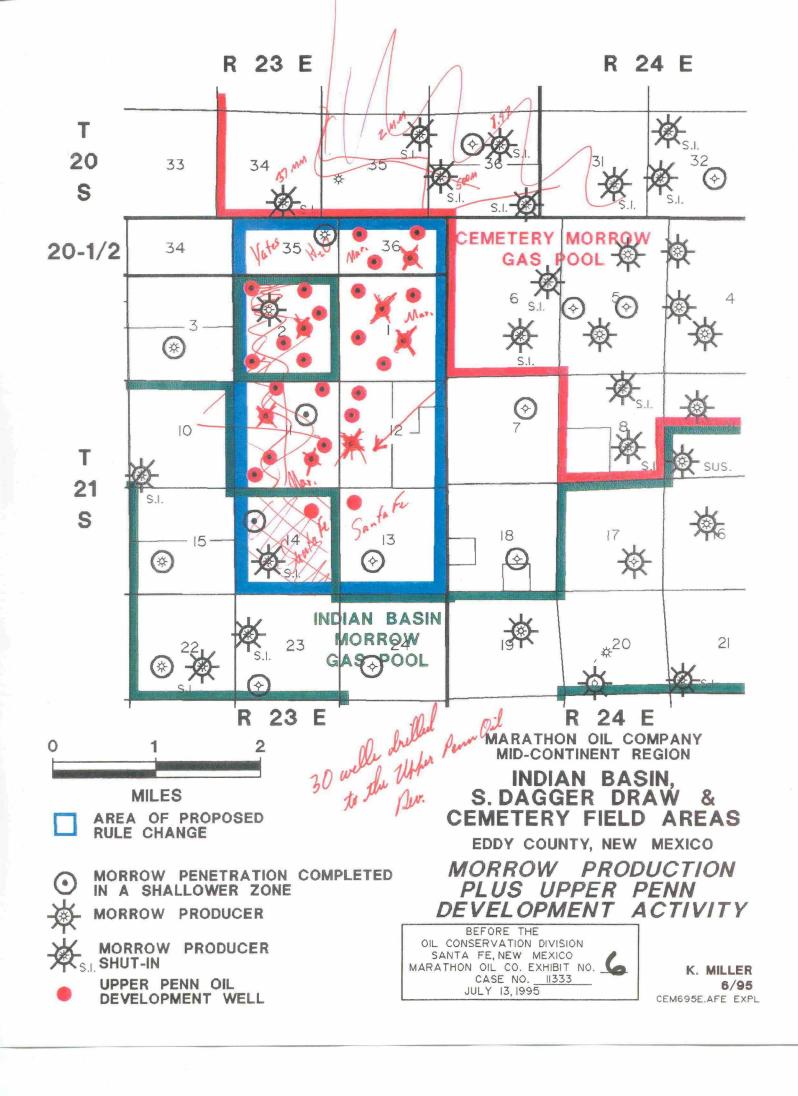


CEM695C.AFE EXPL





LARGE FORMAT EXHIBIT HAS BEEN REMOVED AND IS LOCATED IN THE NEXT FILE



MORROW FORMATION

CUMULATIVE GAS RECOVERY SAMPLE OF WELLS

WELL	LOCATION	CUM GAS MMCF	WELL LIFE,YRS
CEMETERY FIELD			
ROSS FEDERAL COM #1 ROSS FEDERAL COM #2	4,T21S,R24E-S 4,T21S,R24E-M	13,646 7,177	30 15
ROSS FEDERAL COM #3 SHELL FEDERAL COM #1	4,T21S,R24E-E 5,T21S,R24E-S	1,964 10,175	15 27
SHELL FEDERAL COM #5	5,T21S,R24E-G	1,653	15
FEDERAL 6 #1 DEPCO SHELL FEDERAL #1	6,T21S,R24E-I 6,T21S,R24E-R	4,762 75	16 2
AVERAGE PER WELL		5,636	
INDIAN BASIN FIELD			
NORTH INDIAN BASIN UNIT #1 NORTH INDIAN BASIN UNIT #8 INDIAN BASIN B GAS COM #1 NORTH INDIAN BASIN UNIT #15	10,T21S,R23E-M 9,T21S,R23E-N 14,T21S,R23E-K 2,T21S,R23E-P	269 1,307 5,727 ** 720	7 3 21 2

2,006

** ESTIMATED

AVERAGE PER WELL

BEFORE THE
OIL CONSERVATION DIVISION
SANTA FE, NEW MEXICO
MARATHON OIL CO. EXHIBIT NO.
CASE NO. 11333
JULY 13, 1995

MORROW FORMATION

WELL DRAINAGE CALCULATIONS

NORTH INDIAN BASIN UNIT #15	INDIAN BASIN B GAS COM #1	NORTH INDIAN BASIN UNIT #8	NORTH INDIAN BASIN UNIT #1	INDIAN BASIN FIELD	WELL
2,T21S,R23E-F	14,T21S,R23E-K	9,T21S,R23E-N	10,T21S,R23E-M	_	LOCATION
7%	15%	9%	90%		POR.
40%	25%	25%	25%		Sw
12	28'	17'	19'		PAY
** 720	5,727	1,307	269		CUM GAS MMCF
228	233	226	226		Bgi SCF/CF
168	179	114	21		ACRES OF DRAINAGE
3675	3795	3650	3650		Pi PSIA
	400	400	400		Pa PSIA

DIL CONSERVATION DIVISION
SANTA FE, NEW MEXICO
MARATHON OIL CO. EXHIBIT NO.

CASE NO. 11333
JULY 13, 1995

MORROW FORMATION

ECONOMIC EVALUATION (UNINFLATED DOLLARS)

INDIAN BASIN FIELD

DRILL & COMPLETE MORROW WELL	\$750,000
NIBU #15 RESERVE BASE	720 MMCF
NET REVENUE AT \$1.25/MCF	\$787,500
OPERATING COSTS	\$130,000
NET CASHFLOW	(\$92,500)

BEFORE THE
OIL CONSERVATION DIVISION
SANTA FE, NEW MEXICO
MARATHON OIL CO. EXHIBIT NO.
CASE NO. 11333
JULY 13, 1995

MORROW FORMATION

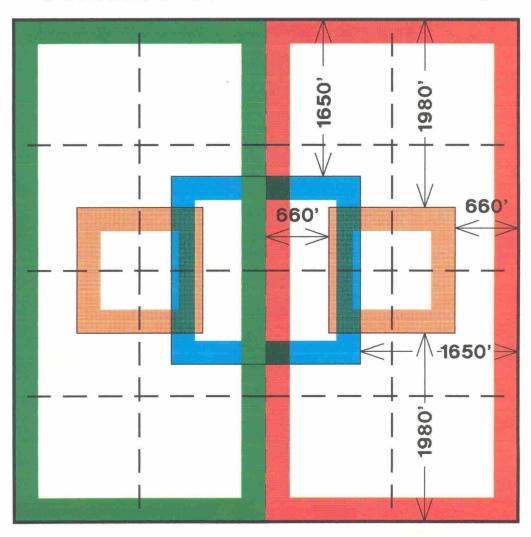
ECONOMIC EVALUATION (UNINFLATED DOLLARS)

INDIAN BASIN FIELD

DRILL & COMPLETE MORROW WELL	\$750,000
TYPICAL WELL RESERVE BASE	1000 MMCF
NET REVENUE AT \$1.25/MCF	\$1,095,000
OPERATING COSTS	\$187,000
NET CASHFLOW	\$158,000

BEFORE THE
OIL CONSERVATION DIVISION
SANTA FE, NEW MEXICO
MARATHON OIL CO. EXHIBIT NO.
CASE NO. 11333
JULY 13, 1995

ONE SQUARE MILE SECTION ORTHODOX WELL AREAS





E/2 PRORATION UNIT

640 ACRE ORTHODOX WELLS BOX

320 ACRE ORTHODOX WELLS BOX

BEFORE THE
OIL CONSERVATION DIVISION
SANTA FE, NEW MEXICO
MARATHON OIL CO. EXHIBIT NO.
CASE NO. 11333
JULY 13, 1995

INDIAN BASIN/CEMETERY

MORROW PRORATION
COMPARISON

R.FOLSE 7/95

BEFORE EXAMINER STOGNER

CH CONSERVATION DIVISION

MARAYAM SXHIBIT NO. _

STATE OF NEW MEXICO 10. 11555 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. 11333

Application of Marathon Oil Company for the Expansion of Cemetery-Morrow and the Contraction of Indian Basin-Morrow, Eddie 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 the 19th day of June, 1995 I caused to be sent, by certified mail return receipt requested, notice of this hearing and a copy of the application for the referenced case along with the cover letter, at least twenty days prior to the hearing set for July 13, 1995, to the parties shown in the application as evidenced by the attached copies of 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 on this 12th day of July, 1995.

Notary Public

My Commission Expires: June 15th, 1998

DOMESTIC RETURN RECEIPT

ADDRESS completed on the

PS Form 3811, December 1991

±U.S. GPO: 1993-352-714

DOMESTIC RETURN RECEIPT

3811, December 1991

\$U.S. GPO: 1993-352-714

June 19, 1995

DOMESTIC RETURN RECEIPT ±U.S. GPO: 1993-352-714

Marathon/Cemetery(071395)

June 19, 1995

ADDRESS complet

Signature (Agent)

PS Form **3811**, December 1991

DOMESTIC RETURN RECEIPT

Marathon/Cemetery(071395)

June 19, 1995

ADDRESS completed

ADDRESS completed

6. Signature (Agent)

PS Form 3811, December 1991

SENDER: Complete items 1 and/or 2 for additional services. Complete items 3, and 4a & b. Print your name and address on the reverse of this form so the return this card to you. Attach and to you. Attach and the services of this form so the return this card to you. Attach and the services of this form so the reverse of this form so the return this card to you. Attach and the services of this form so the reverse of this	space 1. Addresser e number 2. Restricted Consult postmaste 4a. Article Number 4b. Service Type Registered Insure Cortified COD Fenress Mail	e's Address d Delivery er for fee. By Annual By Sent to South POB Midla	Receipt for Certified Mail No Insurance Coverage Provided Do not use for International Mail (See Reverse) Newest Royalties, Inc. 11390 and, TX 79702
6. Signature (Agent) PS Form 3811, December 1991 &U.S. GPO: 1993—35		Return F to Whor	Receipt Showing n & Date Delivered Receipt Showing to Whom, I'd Addressee's Address
does no Marathon/Cemetery(071395) Write June19,1995 delivered. 3. Article Addressed to: Parker&Parsley Development Commonly POB 3178 Midland, TX 79702	1. Addressee number 2. Restricted Consult postmaste 4a. Article Number 4b. Service Type Registered Insure Consult postmaste	e's Address d Delivery r for fee. Parker POB 3 Midlan	(See Reverse) &Parsley Development Comp
5. Signature (Addressee) 6. Signature (Agent)	Merch 7. Date of Delivery JUN 2 8. Addressee's Address (Or and fee is paid)		Cenvery Fee
PS Four 3811 , December 1991 **u.s. GPO: 1993—35:	-714 DOMESTIC RETUR	RN RECEIPT	Receipt for Certified Mail No Insurance Coverage Provide Do not use for International M (See Reverse)
doi Marathon/Cemetery(071395) June19,1995 delivered.	I also wish to following services fee): 1. Addresser cle number. on the date Consult postmaste	(for an extra givers and extra givers given givers and extra givers and extra givers and extra givers given give	Energy Corporation orth Broadway, 500 oma City, OK 73102
3. Article Addressed to: Devon Energy Corporation 20 North Broadway, Ste 1500 Oklahoma City, OK 73102	4a. Article Number 4b. Service Type Segistered Insure Certified COD Express Mail	m Receipt for nandise Suecial Suecial Astronomy of	Serivery Field Receipt Showing on & Date Derivered Receipt Showing to Whom and Addressee is Address
5. Signature (Addressee)	8. Addressee's Address (Or and fee is paid)	nly if requested Wara	\$ \$ thon/Cemetery(071395

#U.S. GPO: 1993-352-714 DOMESTIC RETURN RECEIPT

UBN ADDRESS completed on the reverse stud	delivered. 3. Article Addressed to: Santa Fe Energy Resources, Inc. 550 West Texas \ Ste 1330 Midland, TX 79701	4b. Sei Regi Cert Expr	Consult postmaster for fee. Consult postmast	Receipt for Certified Mail No Insurance Coverage Provide Do not use for International Mail (See Reverse) Sent to Santa Fe Energy Resources, I 550 West Texas \ Ste 1330 Midland, TX 79701
Is your RETURN	6. Signature (Agent) PS Form 3811, December 1991 ±U.S. GPO: 1993—3	52-714 D	OMESTIC RETURN RECEIPT	Return Receipt Showing to Whom & Date Delivered Return Receipt Showing to Whom Date, and Addressee's Address TOTAL Postage
ur RETURN ADDRESS completed on the reverse side?	delivered. 3. Article Addressed to: Kerr McGee Corporation POB 25861 Oklahoma City, OK 73123 5. Signature (Addressee) 6. Signature (Aggnt)	4b. Set Regi Cert Expt 7. Date	Z. Collicted Delivery	Receipt for Certified Mail No Insurance Coverage Provided Do not use for International Mail (See Reverse) Sent to Kerr McGee Corporation POB 25861 Oklahoma City, OK 73103
37 Is your		52-714 D	OMESTIC RETURN RECEIPT	No Insurance Coverage Provided Do not use for International Mail (See Reverse)
IESS completed on the reverse side?	delivered. 3. Article Addressed to: Citation Oil & Gas Corp. 8223 Willow Place South	4b. Ser Regi	Consult postmaster for fee. icle Number Vice Type stered	Citation Oil & Gas Corp. 8223 Willow Place South Ste 250 Houston, TX 77070 Special Delivery Fee Restricted Delivery Fee Return Receipt Showing to Whom & Date Delivered
S your RETURN ADDRESS	5. Signature (Addressee) 6. Signature (Agent) PS Form 3811, December 1991 #U.S. GPO: 1993—35	8. Addi and	Merchandise to of Pelivery 27-9 ressee's Address (Only if requested fee is paid) OMESTIC RETURN RECEIPT	Return Receipt Showing to Whom. Date, and Addressee's Address TOTAL Postage & Fees Postmark or Date Marathon/Cemetery(071395) June 20, 1995
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Capta care DETIIDAL ADDDESS commissed on the reverse side	Complete items 3, and 48 & b. Marathon/Cemetery(071395) June 20, 1995 A June 20, 1995 Central Resources,Inc. 2600 Mellon Center 1775 Sherman Street Denver, CO 80203	that we can fee): c if space 1. Addressee's Address rticle number. 2. Restricted Delivery Consult postmaster for fee. 4a. Article Number 4b. Service Type Registered Insured Certified COD Express Mail Return Receipt for Merchandise 7. Date of Delivery 8. Addressee's Address (Only if requested and fee is paid)	Receipt for Certified Mail No Insurance Coverage Provided Do not use for International Mai (See Reverse) Sent to Central Resources, Inc. 2600 Mellon Center 1775 Sherman Street Denver, CO 80203 Special Delivery Fee Restricted Delivery Fee Restricted Delivery Fee Return Receipt Showing to Whom, Date, and Addressee's Address
RETURN ADDRESS completed on the reverse side?	• Complete items 3, and 4a & b. • Print your name and address on the reverse of this form so to return this card to you. • Ar Marathon/Cemetery(()71395) • W June 20, 1995 delivered. 3. Article Addressed to: Landmark Oil & Gas Corp. 5080 Spectrum Drive Ste 805 West Dallas, TX 75248	1007.	No Insurance Coverage Provided Do not use for International Ma (See Reverse) Sent to Landmark Oil & Gas Corp. 5080 Spectrum Drive Ste 805 West Dallas, TX 75248
our RETURN ADDRESS completed on the reverse side? Is your		I also wish to receive the following services (for an extra fee): if space 1. Addressee's Address cle number. Inditedate 2. Restricted Delivery Consult postmaster for fee. 4a. Article Number 4b. Service Type Registered Insured Certified COD Express Mail Return Receipt for Merchandise 7. Date of Delivery JUN 2 2 1995 8. Addressee's Address (Only if requested and fee is paid)	Receipt for Certified Mail No Indurance Coverage Provide Do not use for International Mail (See Reverse) Sent To Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210 Special Delivery Fee Restricted Deliv

±U.S. GPO: 1993-352-714

Signature (Addressee)

6. Signature (Agent)

Makin

PS Form 3811, December 1991

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Receipt for **Certified Mail**

No Insurance Coverage Provided Do not use for International Mai (See Reverse)

Abo Petroleum Corporation 105 South Fourth Street Artesia, NM 88210

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Receipt for Certified Mail

No Insurance Coverage Provided Do not use for International Mai See Reverser

Sent to

William J Graham Rosalynn S Graham 3612 Pennsylvania Lane Plano, TX 75075

Z 091 494 &61



Receipt for Certified Mail

No Insurance Coverage Provided Do not use for International Mail (See Reverse)

BHP Petroleum(Americas)Inc 5847 San Felipe Stret Ste 3600 Houston, TX 77057

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Marathon/Cemetery(071395) June19,1995

INITED STATES

8. Addressee's Address (Only if requested

DOMESTIC RETURN RECEIPT

and fee is paid)