

Mid-Continent Region
Production United States



P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

November 4, 1997

CERTIFIED MAIL & RETURN
RECEIPT REQUESTED

WORKING INTEREST OWNERS
(Addressee List Attached)

Re: Well Proposal - Garvin 22 State No. 1
S/2 Section 22, T-18-S, R-28-E, N.M.P.M.,
Eddy County, New Mexico

Gentlemen:

Marathon Oil Company (Marathon), as Operator, hereby proposes the drilling of a well to a depth sufficient to adequately test the Morrow formation, anticipated total depth being 11,200'. Furthermore, Marathon shall evaluate to its satisfaction, all other formations encountered at lesser depths in the drilling of said well. The S/2 of Section 22 will be dedicated as the proration unit for the well.

The above well will be located at a legal location in the SE/4 of Section 22, T-18-S, R-28-E, Eddy County, New Mexico. An AFE is enclosed for your review. Should you desire to participate in the drilling of this proposed well, please return an executed copy of the AFE to the undersigned at your earliest convenience.

A Joint Operating Agreement will be provided for your review and execution upon receipt of the executed AFE, or by prior written request.

In the event you do not wish to participate, Marathon respectfully requests you elect one of the following options as to your interest:

1. Sell a two year term assignment of all of your right, title and interest in the S/2 of Section 22, subject to title approval, for \$250 per net acre, delivering an 80% net revenue interest to Marathon.
2. Farmout all of your interest in the S/2 of Section 22 for a period of one hundred-eighty (180) days to Marathon under the following general terms:
 - (a) If any well drilled, deepened, completed or recompleted under the terms of our Farmout Agreement results in oil and/or gas production on a proration unit that includes your acreage, Marathon will earn an assignment of 100% of your rights and interest, free of any liens or encumbrances, in the proration unit assigned to each well from a depth of 500' below the top of the San Andres formation to a depth of 100' below the total depth drilled for each well.

**BEFORE THE
OIL CONSERVATION COMMISSION**
Case No. 11909 Exhibit No. —
Submitted By: **Marathon Oil Company**
Hearing Date: January 22, 1998

Garvin 22 State No. 1
November 4, 1997
Page -2-

- (b) Upon completion of the initial test well as a producer or dry hole, Marathon would have the recurring option, but not the obligation, to commence additional wells on New Mexico Oil Conservation approved proration units that include your acreage to establish oil and/or gas production under the captioned lands or land pooled therewith. If any such option is exercised, Marathon agrees to allow not more than 180 days to elapse between the completion of one well and the commencement of operations for any next well.
- (c) You will retain an overriding royalty interest equal to the difference, if any, between 25% of all oil and gas produced and the total of all royalty interests, overriding royalty interests and other burden or lawful claims upon production to which your leases may be currently subject, so that Marathon will be assigned a 75% net revenue interest in your lease(s) as to rights below a depth of 500' below the top of the San Andres formation to 100' below the total depth drilled. Such overriding royalty interest retained by you shall be subject to proportionate reduction.
- (d) Upon acceptance of our farmout proposal, you agree to furnish, at no cost to Marathon, title information such as copies of the leases covering the captioned lands, title opinions currently in your possession, title curative, letter agreements and any contracts currently in effect, etc.

Should the above general terms be acceptable to you, our formal Farmout Agreement will be provided under separate cover.

Your earliest response to this proposal would be greatly appreciated. If there are any questions, please call the undersigned at (915) 687-8490.

Very truly yours,



Tim B. Robertson, CPL
Advanced Landman

TBR:mmc'
Encl.

cc: D. K. Becken (w/Encl)

Garvin 22 State No. 1
S/2 Section 22, T-18-S, R-28-E
Eddy County, New Mexico

WORKING INTEREST OWNERS:

MARATHON OIL COMPANY	9.98264%
ATLANTIC RICHFIELD COMPANY	31.25000%
Attn: Mr. Lee Scarborough P. O. Box 1610 Midland, TX 79702-1610	
YATES PETROLEUM CORPORATION	11.28472%
Attn: Mr. Robert Bullock 105 S. Fourth St. Artesia, NM 88210	
LOUIS DREYFUS NATURAL GAS CORP.	9.98264%
Attn: Mr. Rusty Waters 14000 Quail Springs Prkwy., Ste 600 Oklahoma City, OK 73134	
CHEVRON USA, INC.	12.50000%
Attn: Mr. Ray M. Vaden P. O. Box 1150 Midland, TX 79702-1150	
EXXON CORPORATION	12.50000%
Attn: Mr. R. Lee Avera, Jr. P. O. Box 4697 Houston, TX 77210-4697	
WENDELL IVERSON, S. J. IVERSON, PATSY IVERSON PAGE, MARIAN C. WELCH, INC., & PHOEBE SHELTON	12.50000%
P. O. Box 1343 Midland, TX 79702-1343	

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
■ Complete items 1 and/or 2 for additional services.
■ Complete items 3, 4a, and 4b.
■ Print your name and address on the reverse of this form so that we can return this card to you.
■ Attach this form to the front of the mailpiece, or on the back if space does not permit.
■ Write "Return Receipt Requested" on the mailpiece below the article number.
■ The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery
Consult postmaster for fee.

3. Article Addressed to:
EXXON CORPORATION
Attn: Mr. R. Lee Avera, Jr.
P. O. Box 4697
Houston, TX 77210-4697

4a. Article Number
P245 774248

4b. Service Type
☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☒ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
DEC 10 1994

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)
X

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

PS Form 3811, December 1994 Domestic Return Receipt

Thank you for using Return Receipt Service.

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**WENDELL IVERSON, S. J. IVERSON,
PATSY IVERSON PAGE, MARIAN C.
WELCH, INC., & PHOEBE SHELTON**
P. O. Box 1343
Midland, TX 79702-1343

4a. Article Number
P245 774249

4b. Service Type
☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☒ Return Receipt for Merchandise ☐ COD

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DEC 10 1994

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3. Article Addressed to:
LOUIS DREYFUS NATURAL GAS CORP.
Attn: Mr. Rusty Waters
14000 Quail Springs Prkwy., Ste 600
Oklahoma City, OK 73134

4a. Article Number
P245 774246

4b. Service Type
☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☒ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
DEC 10 1994

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Consult postmaster for fee.

3. Article Addressed to:
ATLANTIC RICHFIELD COMPANY
Attn: Mr. Lee Scarborough
P. O. Box 1610
Midland, TX 79702-1610

4a. Article Number
P245 774244

4b. Service Type
☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☒ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
DEC 10 1994

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6. Signature: (Addressee or Agent)
X

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Consult postmaster for fee.

3. Article Addressed to:

CHEVRON USA, INC.
Attn: Mr. Ray M. Vaden
P. O. Box 1150
Midland, TX 79702-1150

4a. Article Number

P245774247

4b. Service Type

☐ Registered

☒ Certified

☐ Express Mail

☐ Insured

☒ Return Receipt for Merchandise

☐ COD

7. Date of Delivery

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)

X

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

PS Form 3811, December 1994

Domestic Return Receipt

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2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

YATES PETROLEUM CORPORATION
Attn: Mr. Robert Bullock
105 S. Fourth St.
Artesia, NM 88210

4a. Article Number

P245774245

4b. Service Type

☐ Registered

☒ Certified

☐ Express Mail

☐ Insured

☒ Return Receipt for Merchandise

☐ COD

7. Date of Delivery

11-6-97

5. Received By: (Print Name)

JOANN GRIGGS

6. Signature: (Addressee or Agent)

X

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

PS Form 3811, December 1994

Domestic Return Receipt

Thank you for using Return Receipt Service.

MARATHON OIL COMPANY
AUTHORITY FOR EXPENDITURE
DETAIL OF ESTIMATED WELL COSTS

AFE NO. 660547
DATE October 31, 1997

Region Mid-Continent Region
Field/Prospect Travis
Lease/Facility Garvin "22" State No. 1
Location Legal location in SE/4, Section 22, T-18-S, R-28-E

WILDCAT
DEVELOPMENT RECOMPLETION
DEVELOPMENT EXPL WORKOVER

Est. Total Depth 11,200' Est. Drilling Days 32 Est. Completion Days 10

SOURCE QUANTITY DESCRIPTION ACCT. CAT. C O ESTIMATED
FEATURE N COST
NO. D

DRILLING COSTS - TANGIBLE

		Drive Pipe	81-7	
	40'	Conductor Pipe 16" PE,	81-8	800
Purchase	425'	Surface Pipe 13-3/8", 42#, WC-40, 8rd, STC @ \$15.75/ft,	81-9	6,700
	2,800'	Casing, Intermediate String No. 1- 9-5/8"	8-11	24,800
		Casing, Intermediate String No. 2	81-12	
		Drilling Liner	81-19	
		Drilling Liner Hanger and Tieback Equipment	81-22	
Purchase		Drilling Wellhead Equipment	81-80	1 7,000
Purchase		Miscellaneous Materials	81-217	1,000

TOTAL DRILLING COSTS - TANGIBLE \$40,300

DRILLING COSTS - INTANGIBLE

Contract		Surveying, Location & Access	81-2	500
Contract		Well Location & Access	81-5	16,000
Contract	32 days	Daywork Drilling \$6200/24 hr. Day incl. Fuel	81-36	198,400
Contract		Footage Basis Drilling	81-37	3,000
		Turnkey Drilling	81-38	0
Contract		Drilling Rig Mob/Demob	81-39	20,000
Contract		Blowout Prevention Equipment	81-41	5,500
		Drill Pipe & Collars	81-44	0
		Drilling & Service Tools	81-45	0
		Drilling Services	81-50	0
		Snubbing Units, Company	81-62	0
		Snubbing Units, Contract	81-68	0
Contract		Mud System/Solids Control	81-40	3,500
Contract		Mud and Mud Services	81-71	22,500
Contract		Bits	81-69	40,000
Contract		Stabilizers, Hole Openers, Underreamers	81-70	5,000
		Oil	81-72	0
		Grease	81-72	0
		Fuel, Diesel (Not furnished by Contractor)	81-74	0
Contract		Water	81-336	14,000
Contract		Casing Tools and Services	81-90	8,000
		Cement and Cementing Service	81-91	18,000
Contract		Logging Services, Open Hole	81-93	30,000
		Logging Services, Cased Hole	81-94	0
Contract	21 days	Mud Logging	81-95	11,600
Contract		Inspection, Pipe & Casing	81-97	4,500
		Directional Services	81-101	0
		Coring	81-102	0
Contract		Formation Testing, Open Hole	81-104	5,000
		Formation Testing, Cased Hole	81-105	0
Contract		Well Control Services (Super Choke)	81-120	2,100
Contract		Trucking/Transportation, Other	81-126	5,000
		Well Test Equipment	81-127	0
		Fishing Tools and Services	81-133	0
		Abandoning Tools and Services	81-136	0
		Sidetracking, Milling Sections, Whipstocks	81-185	0
Contract		Miscellaneous Materials	81-217	3,000
Contract		Contract Labor, Welding	81-233	2,200
Contract	32 days	Contract Labor, Other	81-237	13,600
Contract	32 days	Contract Services, Living Quarters	81-243	4,800
		Contract Services, Other	81-266	0
Contract	21 days	Hydrogen Sulfide Testing	81-320	2,100
		Spill Control Equipment	81-454	0
		Computer Hardware	81-568	0
Contract	32 days	Communications, Field	81-658	800
		Regulatory Compliance	81-685	0
MOC	32 days	Company Labor & Burden	81-750	12,000
		Overhead	81-770	0
		Indirect Expense	81-779	0

TOTAL DRILLING COSTS - INTANGIBLE \$ 451,100

TOTAL DRILLING COSTS \$ 491,400

MARATHON OIL COMPANY
AUTHORITY FOR EXPENDITURE
DETAIL OF ESTIMATED WELL COSTS

AFE NO. _____
DATE October 31, 1997

Region Mid-Continent Region
Field/Prospect Travis
Lease/Facility Garvin "22" State No. 1

SOURCE	QUANTITY	DESCRIPTION	ACCT. CAT. - FEATURE NO.	C O N D	ESTIMATED COST
=====					
COMPLETION COSTS - TANGIBLE					
Purchase	11,200'	Production Casing 5-1/2"	82-15	I	92,000
		Production Liner	82-18		
		Production Liner Hanger & Tieback Equipment	82-21		
	11,200'	Tubing (2-3/8", 4.7#, 1-80)	82-23	I	36,000
Purchase		Wellhead Equipment (drilling)	82-80	I	4,500
		Christmas Tree	82-87		9,000
		Packers	82-137	I	6,000
		Rod Pump	82-143		
		Electric Submersible Pump	82-149		
Purchase		Completion Wellhead Equipment	82-167	I	4,700
TOTAL COMPLETION COSTS - TANGIBLE					\$ 152,200
=====					
COMPLETION COSTS - INTANGIBLE					
Contract		Location and Access	82-1		1,500
Contract		Drilling Rig During Completion - \$6200/day	82-34		12,400
		Blowout Preventer	82-41		2,000
		Tools - Drilling & Service	82-45		
		Rig, Completion	82-48		
		Workover Units, Company	82-55		
		Workover Units, Contract 8 @ \$400/day	82-56		11,200
		Snubbing Units, Company	82-62		
		Coiled Tubing Service Units, Contract	82-67		
		Snubbing Units, Contract	82-68		
		Underreamers, Stabilizers, Hole Openers	82-70		
		Lubricants	82-72		
		Fuel, Diesel	82-74		
		Casing Tools and Services - Longstring	82-90		9,500
Contract		Cement and Cementing Services - Longstring	82-91		28,000
		Logging Services, Open Hole Wells	82-93		
		Logging Services, Cased Hole Wells	82-94		3,500
		Tubular Inspection, Testing & Cleaning (Hydro Test)	82-96		7,000
		Formation Testing PBU	82-103		4,000
		Formation Treating Pickle Tbg., EOB N2L Fluid	82-113		20,000
		Transportation, Other	82-126		3,500
		Test Equipment - Well Testing	82-127		4,000
		Fishing Tools and Services	82-133		
		Completion and Packer Fluids	82-180		1,000
		Perforating - EOB	82-182		19,000
		Wireline Services	82-183		1,500
		Sidetracking, Milling Sections, Whipstocks	82-185		
		Miscellaneous Materials	82-217		3,500
		Miscellaneous Services	82-218		7,000
		Contract Labor, Laborer	82-234		3,000
		Contract Services, Other	82-240		7,400
		Treating Chemicals, Other	82-291		1,000
		Salt Water Disposal & Trans Fees	82-371		1,000
		Rental Tools & Equip.	82-585		5,000
		Communications - Field	82-658		
		Regulatory Compliance	82-685		
		Company Labor & Burden	82-750		3,800
		Overhead	82-770		
		Indirect Expense	82-779		
TOTAL COMPLETION COSTS - INTANGIBLE					\$ 159,800
=====					
TOTAL COMPLETION COSTS					\$ 312,000
=====					

MARATHON OIL COMPANY
AUTHORITY FOR EXPENDITURE
DETAIL OF ESTIMATED WELL COSTS

AFE NO. _____
DATE October 31, 1997

Region Mid-Continent Region
Field/Prospect Travis
Lease/Facility Garvin "22" State No. 1

=====					
SOURCE	QUANTITY	DESCRIPTION	ACCT. CAT. - FEATURE NO.	C O N D	ESTIMATED COST
=====					
SURFACE EQUIPMENT - TANGIBLE					
		Line Pipe	83-27	I	1,600
		Transportation, Other	83-126		2,500
		Pumping Unit	83-141		
		Pumping Equipment - Rod Pump	83-143		
		Flowing/Plunger Lift Equipment	83-146		
		Submersible Pump - Electric	83-149		
		Submersible Pump - Hydraulic	83-152		
		Gas Lift Equipment	83-155		
		Pumps	83-158		
		Tanks	83-170		10,000
		Metering Equipment	83-190		4,000
		Instrumentation	83-194		
		Electrical Equipment, Other	83-201		
		Valves	83-205	I	2,500
		Miscellaneous Materials	83-217	I	10,000
		Contract Labor, Electrical	83-229		
		Contract Labor, Welding	83-233		1,000
		Contract Labor, Other	83-237		4,000
		Contract Services, Other	83-240		2,000
		Compressor Installation	83-365		
		Dehydration	83-376		10,000
		Crude Oil Treaters	83-378		
		Separator	83-380		12,000
		Vapor Recovery Units	83-386		
		Free Water Knockouts	83-388		
		Regulatory Compliance (Includes Permitting)	83-685		
		Company Labor & Burden	83-750		2,000
TOTAL SURFACE EQUIPMENT - TANGIBLE					\$ 61,600

ENVIRON. COSTS		SUMMARY OF ESTIMATED DRILLING WELL COSTS		(%)

Spill Cleanup	41 _____ %	Total Drilling Cost	\$ 491,400	\$	
Remediation	42 _____ %	Total Completion Cost	\$ 312,000	\$	
Air	43 _____ %	Total Surface Equipment	\$ 61,600	\$	
Water	44 _____ %	Grand Total Cost	\$ 865,000	\$	
Solid Waste	45 _____ %				
Other	47 _____ %				
Non-ENV	_____ %				
Total	100%	Marathon's Share of Grand Total Cost to be Booked This Year		\$	
		If Wildcat Well, Give Marathon's Share of Dry Hole Cost		\$	

=====

PARTICIPANT APPROVAL

Participant Name: _____

Signature: _____

Title: _____

Date: _____