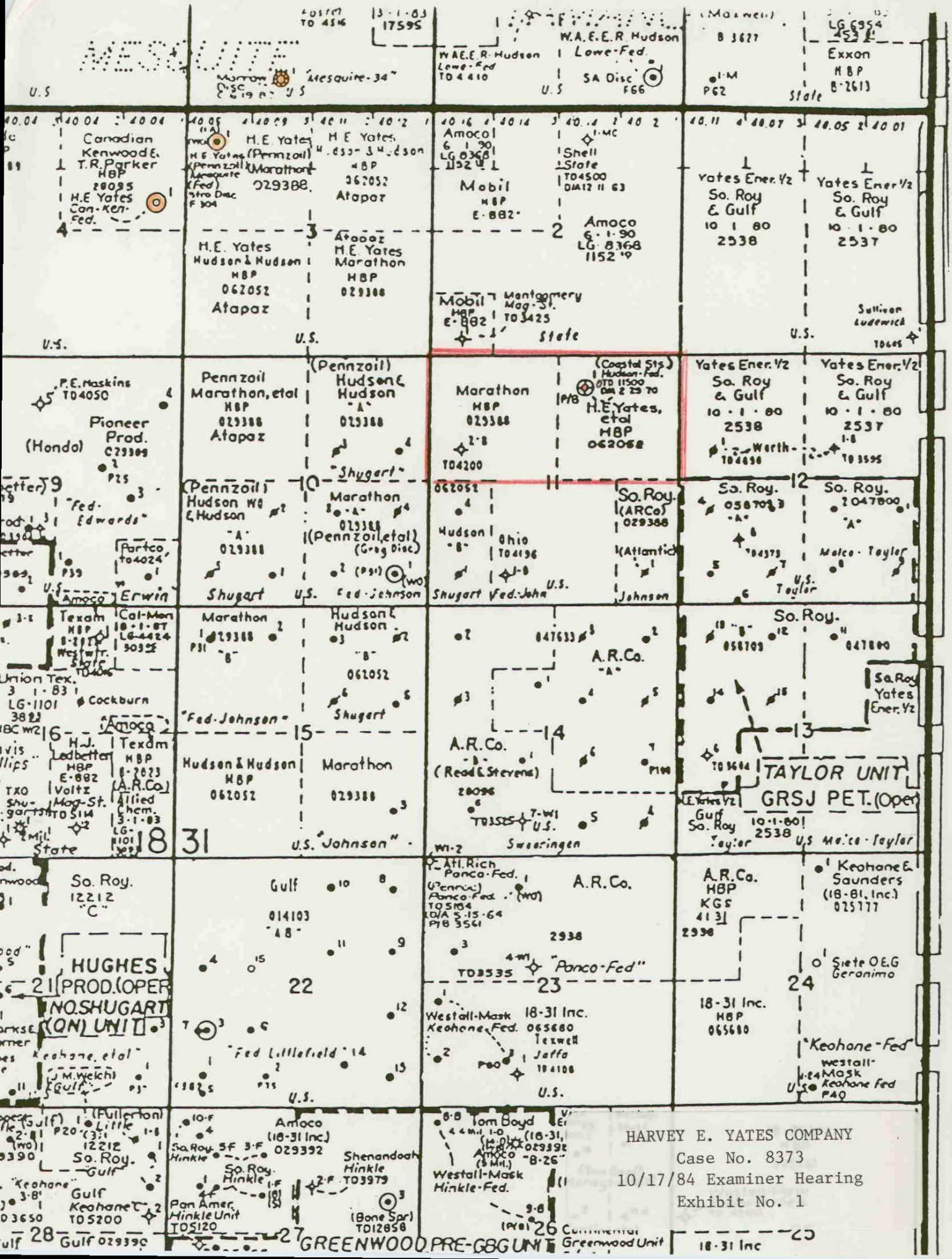


HARVEY E. YATES COMPANY
Case No. 8373
10/17/84 Examiner Hearing
Exhibit No. 1

Chronology of Negotiations on Hudson-Federal #1 (Reentry of Coastal States well)
N/2 Sec. 11, T-18S, R-31E, Eddy County, New Mexico.

2-20-84 First approached Hudson & Hudson, NE/4 of Sec. 11.
3-15-84 Confirmed trade with Ed Hudson for rights to base of Bone Spring.
3-9-84 Wrote Marathon asking them to participate in 320-acre WI unit under operating agreement for reentering well in NE/4 Sec. 11.
3-22-84 Call from Marathon inquiring about farmout terms.
3-27-84 Call from Marathon inquiring about different farmout terms.
3-28-84 George Yates while in Midland, conferred with Marathon suggesting alternative farmout proposals.
4-9-84 through 10-12-84: Conversations at least once a week with Marathon; Also three personal visits to Midland to confer with Marathon; once with George Yates and Ed Groves (V.P. & Expl. Mgr.); once with geologist Sally Meader-Roberts; once alone.

Letters dated 3-9-84; 9-3-84; 9-10-84; 9-29-84 (copies attached).

HARVEY E. YATES COMPANY
Case No. 8373
10/17/84 Examiner Hearing
Exhibit No. 2

PHONE (505) 623-6601

HEYCO **HARVEY E. YATES COMPANY**

PETROLEUM PRODUCERS P.O. BOX 1933 SECURITY NATIONAL BANK BUILDING ROSWELL, NEW MEXICO 88201

September 29, 1984

Marathon Oil Company
P. O. Box 552
Midland, Texas 79702

Attention: John Duddleston, Land Department

Re: N/2 Section 11, T-18S, R-31E,
Eddy County, New Mexico
Proposal to Deepen to Morrow

Gentlemen:

We earlier forwarded a joint operating agreement covering the N/2 of Section 11, T-18S, R-31E, N.M.P.M., as to rights from surface to the base of the Bone Spring, for the purpose of reentering the Coastal States, Hudson-Federal #1 well in the NE/4 of Section 11 to test the Bone Spring.

In the meantime, our Can-Ken Federal #1 well in the NE/4 of Section 4, T-18S, R-31E, was completed flowing at the rate of 1236 MCF/D plus 36 BO & 254 BW from perfs 11,814-820' in the Morrow. This well also has several potential pay zones up the hole. The information we received from this well has caused us to think about deepening our proposed reentry of the Coastal well to a depth sufficient to test the Morrow, since we would only have to drill approximately 900 more feet below the OTD.

In this regard, we are enclosing a second joint operating agreement covering the same 320 acres (N/2 of Section 11), but including the deep rights only (Base of Bone Spring to the Base of the Morrow). Also enclosed are two copies of an AFE covering estimated costs for the deepening of this well to 12,500' or to a depth sufficient to adequately test the Morrow formation.

If you are in agreement with this proposal, we ask that you execute both joint operating agreements and return executed copies of both sets of signature pages to this office, along with a signed copy of the AFE enclosed with this letter. An early reply would be appreciated, since we propose to commence this operation in the near future in order to include it in the 4th quarter of 1984.

Since this would be a 320-acre proration unit, we will need to examine title under Marathon's lease and prepare a communitization agreement. For this purpose we will need title material from Marathon as soon as possible, including a copy of the lease, copies of rental receipts, title opinions or abstracts, and any other pertinent curative material.

As always, you are welcome to consult with our geological department in Midland at 683-6444 (Ed Groves or Sally Roberts). Any other questions may be directed to the undersigned. Please let us hear from you soon.

Very truly yours,

o/s RTA

Rosemary T. Avery
Land Projects

RTA/r
Enclosures

HEYCO **HARVEY E. YATES COMPANY**

PETROLEUM PRODUCERS

P. O. BOX 1933 SUITE 300, SECURITY NATIONAL BANK BUILDING 505/623-6601

ROSWELL, NEW MEXICO 88201

September 10, 1984

Marathon Oil Company
P.O. Box 552
Midland, Texas 79702

Attn: Mr John Duddleston
Land Manager

Re: Proposed Reentry of Coastal States, Hudson-Federal #1 Well
NE/4 Sec. 11: T-18S, R-31E,
Eddy County, New Mexico

Gentlemen:

Attached is our Joint Operating Agreement covering the N/2 of Section 11, T-18S, R-31E, N.M.P.M., Eddy County, New Mexico, along with two copies of the AFE and an extra set of signature pages for Marathon's review and further handling. This agreement incorporates most of the suggested changes in language submitted by Marathon. The only three that we declined to use were those mentioned in our letter of September 3rd.

As we have pointed out to various Marathon representatives on prior occasions, we would like to reenter this well as early as possible in 1984, so that we can proceed with our plans to drill the Mesquite Unit 2-1 before yearend. For this reason, we respectfully request that Marathon expedite the approval and execution of the attached agreement and AFE; in fact, we would like to have a decision from Marathon by September 25th, at the latest.

If you have any questions concerning the enclosed instrument or the proposed well operations, please do not hesitate to give us a call. Questions concerning the geology should be addressed to our Midland office, 683-6444. Other questions may be directed to this office.

Please let us know Marathon's final decision concerning this proposal at your earliest opportunity.

Very truly yours,

Rosemary Avery

Rosemary T. Avery
Land Projects

RTA/dlm

Attachment

PHONE (505) 623-6601

HEYCO **HARVEY E. YATES COMPANY**

PETROLEUM PRODUCERS P.O. BOX 1933 SECURITY NATIONAL BANK BUILDING ROSWELL, NEW MEXICO 88201

September 3, 1984

Marathon Oil Company
P. O. Box 552
Midland, Texas 79701

Attn: Tom Taylor, Land Department

Re: Proposed Hudson-Federal #1 (Reentry)
NE/4 Section 11, T-18S, R-31E, N.M.P.M.,
Eddy County, New Mexico

Gentlemen:

We have carefully reviewed Marathon's suggested amendments and additions to the language in the joint operating agreement we are now preparing, which covers the N/2 Section 11, T-18S, R-31E, N.M.P.M. HEYCO has little or no problems with most of the proposed amendments; we do, however, have some reservations about the items listed below (paragraph numbers correspond to those in Marathon's material):

10. Article VI.B.2. - Operations by Less than All Parties -

(3), (f), (g), Lines 10, 11 & 12, on Page 6 -

HEYCO does not feel comfortable with these provisions because of the added burden they would place on our overworked accounting and gas contract personnel, which we think is unnecessary. Although we realize the non-consent provision probably will not be invoked, and that because this well is primarily an oil (rather than gas) prospect, we are opposing the inclusion of this language on principle. HEYCO feels that it should be able to market gas for any non-consenting parties until payout of the non-consent penalty, and that the sixty-day clause would cause unnecessary work for our employees.

13. Article VII. H. - Insurance -

Our insurance supervisor informed me that this provision is unnecessary, since all parties to the agreement would be covered anyway; therefore, having them named as additional insureds just creates more work for our small, overburdened staff.

18. Article XV - Other Provisions - Paragraph E -

This is the language requiring that no other well be proposed until any preceding well has been drilled and tested.

The acreage in the NE/4 of Section 11 has been acquired by means of a Sublease of Operating Rights which contains a continuous development provision. Although it appears unlikely at this time that Marathon's proposed Paragraph XV.E would create any conflicts with the continuous development provision of our Sublease, we would prefer not to insert Marathon's language into the joint operating agreement. HEYCO recognizes that Marathon, with its 50% interest under the contract area, would have a large voice in determining development with or without this provision. We believe we can successfully work together to develop the area without this paragraph.

After you have had an opprtunity to consider our objections, please let me knowMarathon's conclusions concerning them. We would appreciate an early response so that we can complete the JOA and circulate it for execution. If you wish to discuss any of the points raised in my letter, please feel free to call me.

Very truly yours,

o/s RTA

Rosemary T. Avery
Land Projects

RTA/r

HEYCO **HARVEY E. YATES COMPANY**

PETROLEUM PRODUCERS P. O. BOX 1933 SUITE 300, SECURITY NATIONAL BANK BUILDING 505/623-6601
ROSWELL, NEW MEXICO 88201

March 9, 1984

Marathon Oil Company
P. O. Box 552
Midland, Texas 79702

Attention: Mr. John Duddleston

Re: N/2 Section 11,
T-18S, R-31E, N.M.P.M.,
Eddy County, New Mexico

Gentlemen:

Harvey E. Yates Company proposes the formation of a 320-acre working interest area embracing the N/2 of Section 11, Township 18 South, Range 31 East, Eddy County, New Mexico, for the purpose of reentering the Coastal States, Hudson-Federal #1 well and attempting a Bone Spring completion.

Marathon is invited to commit its 160 acres under the NW/4 of Section 11 to this working interest area and join us under an operating agreement. We estimate the cost of this reentry at $432,305.00 for a producing well, and $124,800.00 for a dry hole. Alternatively, we would be willing to discuss farmout terms.

If you would like information concerning the geology, please feel free to call Sally Meader-Roberts or Ed Groves at our Midland office, 915/683-644. Other questions may be directed to this office.

We shall appreciate an early response to this proposal.

Very truly yours,

Rosemary T. Avery
Projects Manager - Land

RTA/r

LEASE Hudson Federal WELL NUMBER 1 ACCT. NO.

LOCATION 660' FNL & 1980' FEL, Sec. 11, T-18S, R-31E

COUNTY Eddy DEPTH 12,500 PRODUCING FORMATION Bone Springs-Morrow

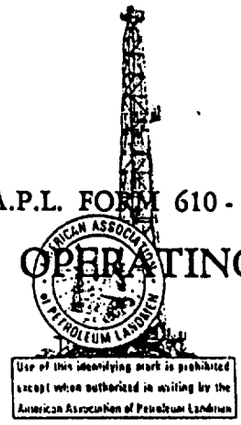
	DRILLING & COMPLETION COSTS:	Dry Hole Costs	Producing well Costs
9200	INTANGIBLE DRILLING COSTS		
9210	Staking, damages, & legal fees	$ 450	$ 450
9211	Location, right of way	15000	15000
9212	Footage @		
9213	Daywork 10 @ 4750 + Mobilization	87500	87500
9214	Surface casing service		
9215	Drilling mud, additives & water	12000	12000
9216	Mud logging unit, surveys, etc.	1750	1750
9217	Intermediate casing service		
9218	General misc. - test BOP, rathole, etc.	2000	2000
9220	Rental tools & equipment	5000	5000
9221	Company supervision	2000	2000
9224	Misc. bits, tools, supplies purchased	12500	12500
	TOTAL INTANGIBLE DRILLING COSTS	138200	138200
9230	INTANGIBLE FORMATION EVALUATION		
9231	Coring, tools, service		
9232	DST 1 @ 4500	4500	4500
9233	Logs, sample sacks, etc.	9000	9000
9234	Miscellaneous	2500	2500
	TOTAL INTANGIBLE FORMATION EVALUATION	16000	16000
9240	INTANGIBLE COMPLETION COSTS		
9241	Completion unit 20 @ 1300		26000
9243	Mud, water & additives for completion		4200
9244	Cement, tools, & service		24000
9245	Electric logs, testing, etc.		5400
9246	Tool & equip. rental & trucking		7500
9247	Stimulation, treating, etc.		40000
9248	Company supervision		4000
9251	Bits, tools, supplies		1500
9252	Plug back		2800
9500	Plugging expense	12500	
	TOTAL INTANGIBLE COMPLETION COSTS	12500	115400
9300	TANGIBLE DRILLING & COMPLETION		
9301	Surface casing @		
9302	Intermediate casing @		
9303	Production casing 5 1/2 @ 12,500		156100
9304	Production tubing 2 3/8 @ 12,500		51788
9305	Casing head	4000	4000
9306	Casing spool		6000
9307	Tubing head		7500
9308	Christmas tree		10000
9310	Subsurface equipment		
9311	Misc pipe connections		500
9312	Packer & special equipment		2850
9313	Miscellaneous - contingencies	8035	24798
	TOTAL TANGIBLE DRILLING & COMPLETION	12035	263536
9400	GENERAL LEASE & BATTERY EQUIPMENT		
9401	Pumping unit - prime mover		
9402	Separators, gas prod. units, etc.		8000
9405	Tanks 2-400 bbl		8400
9406	Meter runs & meter		
9410	Installation costs		2950
9411	Flow lines, valves, misc.		2000
9415	Miscellaneous lease equipment		750
	TOTAL GENERAL LEASE & BATTERY EQUIPMENT		22100
	TOTAL INTANGIBLE COSTS	166700	269600
	TOTAL TANGIBLE COSTS	12035	263536
	TOTAL LEASE & BATTERY EQUIPMENT		22100
	TOTAL COSTS	$ 178735	$ 555236

Prepared by: Ray F. Nokes DATE 9/13/84

"It is recognized that the amounts provided for are estimated only, and approval of this author shall extend to the actual costs incurred in co the operations specified, whether more or less herein set out." Please return one signed copy to: HARVEY E. YA P. O. Box 193

APPROVED BY:

HARVEY E. YATES COMPANY
Case No. 8373
10/17/84 Examiner Hearing
Exhibit No. 3



A.A.P.L. FORM 610 - 1977

MODEL FORM OPERATING AGREEMENT

HUDSON-FEDERAL #1 WELL

OPERATING AGREEMENT

DATED

AUGUST 24, , 19 84 ,

OPERATOR HARVEY E. YATES COMPANY

CONTRACT AREA N/2 Section 11, Township 18 South,

Range 31 East, N.M.P.M.,

COUNTY OR PARISH OF EDDY STATE OF NEW MEXICO

Covering Rights from Base of Bone Spring formation to base of Morrow formation

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HARVEY E. YATES COMPANY
Case No. 8373
10/17/84 Examiner Hearing
Exhibit No. 4

B. Resignation or Removal of Operator and Selection of Successor:

1. Resignation or Removal of Operator: Operator may resign at any time by giving written notice thereof to Non-Operators. If Operator terminates its legal existence, no longer owns an interest in the Contract Area, or is no longer capable of serving as Operator, it shall cease to be Operator without any action by Non-Operator, except the selection of a successor. Operator may be removed if it fails or refuses to carry out its duties hereunder, or becomes insolvent, bankrupt or is placed in receivership, by the affirmative vote of two (2) or more Non-Operators owning a majority interest based on ownership as shown on Exhibit "A", and not on the number of parties remaining after excluding the voting interest of Operator. Such resignation or removal shall not become effective until 7:00 o'clock A.M. on the first day of the calendar month following the expiration of ninety (90) days after the giving of notice of resignation by Operator or action by the Non-Operators to remove Operator, unless a successor Operator has been selected and assumes the duties of Operator at an earlier date. Operator, after effective date of resignation or removal, shall be bound by the terms hereof as a Non-Operator. A change of a corporate name or structure of Operator or transfer of Operator's interest to any single subsidiary, parent or successor corporation shall not be the basis for removal of Operator.

2. Selection of Successor Operator: Upon the resignation or removal of Operator, a successor Operator shall be selected by the Parties. The successor Operator shall be selected from the parties owning an interest in the Contract Area at the time such successor Operator is selected. If the Operator that is removed fails to vote or votes only to succeed itself, the successor Operator shall be selected by the affirmative vote of two (2) or more parties owning a majority interest based on ownership as shown on Exhibit "A", and not on the number of parties remaining after excluding the voting interest of the Operator that was removed.

C. Employees:

The number of employees used by Operator in conducting operations hereunder, their selection, and the hours of labor and the compensation for services performed, shall be determined by Operator, and all such employees shall be the employees of Operator.

D. Drilling Contracts:

All wells drilled on the Contract Area shall be drilled on a competitive contract basis at the usual rates prevailing in the area. If it so desires, Operator may employ its own tools and equipment in the drilling of wells, but its charges therefor shall not exceed the prevailing rates in the area and the rate of such charges shall be agreed upon by the parties in writing before drilling operations are commenced, and such work shall be performed by Operator under the same terms and conditions as are customary and usual in the area in contracts of independent contractors who are doing work of a similar nature.

ARTICLE VI.
DRILLING AND DEVELOPMENT

A. Initial Well:

On or before the 31st day of December, 1984, Operator shall commence actual operations to reenter and drill the Coastal States, Hudson Federal #1 well, located 660' FNL & 1980' FEL Section 11, Township 18 South, Range 31 East, N.M.P.M., Eddy County, New Mexico

to a depth sufficient to adequately test the Morrow formation, or to 12,500' whichever is the shallower depth,

unless granite or other practically impenetrable substance or condition in the hole, which renders further drilling impractical, is encountered at a lesser depth, or unless all parties agree to complete or abandon the well at a lesser depth.

Operator shall make reasonable tests of all formations encountered during drilling which give indication of containing oil and gas in quantities sufficient to test, unless this agreement shall be limited in its application to a specific formation or formations, in which event Operator shall be required to test only the formation or formations to which this agreement may apply.

If, in Operator's judgment, the well will not produce oil or gas in paying quantities, and it wishes to plug and abandon the well as a dry hole, it shall first secure the consent of all parties and shall plug and abandon same as provided in Article VI.E.1. hereof.

Amended October 5, 1984

EXHIBIT "A"

ATTACHED TO AND MADE A PART OF THE OPERATING AGREEMENT
AUGUST 24, 1984
BETWEEN HARVEY E. YATES COMPANY, AS OPERATOR
AND THE OTHER PARTIES SIGNATORY HERETO AS NON-OPERATORS
(Covering Rights from Base of Bone Spring to Base of Morrow)

1. LANDS SUBJECT TO CONTRACT:

Township 18 South, Range 31 East, N.M.P.M.
Section 11: N/2

Eddy County, New Mexico,
Containing 320.0 Acres, More or Less

2. RESTRICTIONS AS TO FORMATIONS AND DEPTH:

From the Base of the Bone Spring formation down to the Base of the Morrow formation.

3. PERCENTAGE INTERESTS OF THE PARTIES TO THIS AGREEMENT:

Working Interest Owner	Acres Contributed	Percentage Working Interest
Marathon Oil Company	160.000000	50.000000%
Spiral, Inc.	11.790000	3.684375
Explorers Petroleum Corporation	11.790000	3.684375
Fred G. Yates, Inc.	11.790000	3.684375
Yates Energy Corporation	40.038104	12.511908
Harvey E. Yates Company	81.791896	25.559967
W. T. Wynn	2.800000	0.875000
	320.000000	100.000000%

4. OIL AND GAS LEASES AND/OR OIL & GAS INTERESTS SUBJECT TO THIS AGREEMENT:

a. Oil and Gas Lease dated December 1, 1949, by and between the United States of America, as Lessor, and Hudson & Hudson, Inc., as Lessee, bearing Serial No. LC 062052, insofar as said lease covers the following lands situated in Eddy County, New Mexico:

Township 18 South, Range 31 East, N.M.P.M.
Section 11: NE/4
Containing 160.0 acres, more or less.

b. Oil and Gas Lease dated November 1, 1981, by and between the United States of America, as Lessor, and Marathon Oil Company, as Lessee, bearing Serial No. LC 029388, insofar as said lease covers the following lands situated in Eddy County, New Mexico:

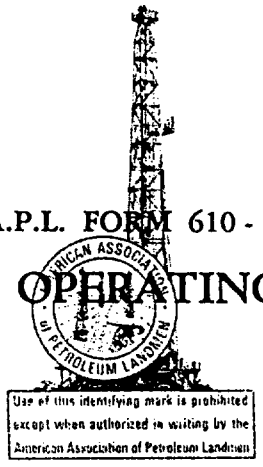
Township 18 South, Range 31 East, N.M.P.M.
Section 11: NW/4
Containing 160.0 acres, more or less.

5. ADDRESSES OF PARTIES FOR NOTICE PURPOSES:

a. Marathon Oil Company
P. O. Box 552
Midland, Texas 79702

A.A.P.L. FORM 610 - 1977

MODEL FORM OPERATING AGREEMENT



HUDSON-FEDERAL #1 WELL

OPERATING AGREEMENT

DATED

AUGUST 24, , 19 84 ,

OPERATOR HARVEY E. YATES COMPANY

CONTRACT AREA N/2 Section 11, Township 18 South,

Range 31 East, N.M.P.M.,

COUNTY OR PARISH OF EDDY STATE OF NEW MEXICO

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TABLE OF CONTENTS

AMERICAN ASSOCIATION OF PETROLEUM LANDMEN
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OPERATING AGREEMENT

THIS AGREEMENT, entered into by and between HARVEY E. YATES COMPANY Post Office Box 1933, Roswell, New Mexico 88201, hereinafter designated and referred to as "Operator", and the signatory party or parties other than Operator, sometimes hereinafter referred to individually herein as "Non-Operator", and collectively as "Non-Operators",

WITNESSETH:

WHEREAS, the parties to this agreement are owners of oil and gas leases and/or oil and gas interests in the land identified in Exhibit "A", and the parties hereto have reached an agreement to explore and develop these leases and/or oil and gas interests for the production of oil and gas to the extent and as hereinafter provided:

NOW, THEREFORE, it is agreed as follows:

ARTICLE I.
DEFINITIONS

As used in this agreement, the following words and terms shall have the meanings here ascribed to them:

A. The term "oil and gas" shall mean oil, gas, casinghead gas, gas condensate, and all other liquid or gaseous hydrocarbons and other marketable substances produced therewith, unless an intent to limit the inclusiveness of this term is specifically stated.

B. The terms "oil and gas lease", "lease" and "leasehold" shall mean the oil and gas leases covering tracts of land lying within the Contract Area which are owned by the parties to this agreement.

C. The term "oil and gas interests" shall mean unleased fee and mineral interests in tracts of land lying within the Contract Area which are owned by parties to this agreement.

D. The term "Contract Area" shall mean all of the lands, oil and gas leasehold interests and oil and gas interests intended to be developed and operated for oil and gas purposes under this agreement. Such lands, oil and gas leasehold interests and oil and gas interests are described in Exhibit "A".

E. The term "drilling unit" shall mean the area fixed for the drilling of one well by order or rule of any state or federal body having authority. If a drilling unit is not fixed by any such rule or order, a drilling unit shall be the drilling unit as established by the pattern of drilling in the Contract Area or as fixed by express agreement of the Drilling Parties.

F. The term "drillsite" shall mean the oil and gas lease or interest on which a proposed well is to be located.

G. The terms "Drilling Party" and "Consenting Party" shall mean a party who agrees to join in and pay its share of the cost of any operation conducted under the provisions of this agreement.

H. The terms "Non-Drilling Party" and "Non-Consenting Party" shall mean a party who elects not to participate in a proposed operation.

Unless the context otherwise clearly indicates, words used in the singular include the plural, the plural includes the singular, and the neuter gender includes the masculine and the feminine.

ARTICLE II.
EXHIBITS

The following exhibits, as indicated below and attached hereto, are incorporated in and made a part hereof:

[X] A. Exhibit "A", shall include the following information:
- (1) Identification of lands subject to agreement,
- (2) Restrictions, if any, as to depths or formations,
- (3) Percentages or fractional interests of parties to this agreement,
- (4) Oil and gas leases and/or oil and gas interests subject to this agreement,
- (5) Addresses of parties for notice purposes.

Exhibit "A-1" - Calculation of Beneficial Interests

[X] C. Exhibit "C", Accounting Procedure.

[X] D. Exhibit "D", Insurance.

[X] E. Exhibit "E", Gas Balancing Agreement.

[X] F. Exhibit "F", Non-Discrimination and Certification of Non-Segregated Facilities.

(Note: There is no Exhibit "B" to this Agreement)

If any provision of any exhibit, except Exhibit "E", is inconsistent with any provision contained in the body of this agreement, the provisions in the body of this agreement shall prevail.

AMERICAN ASSOCIATION OF PETROLEUM LANDMEN
Use of this identifying mark is prohibited except when authorized by the American Association of Petroleum Landmen

ARTICLE III.
INTERESTS OF PARTIES

~~A. Oil and Gas Interests:~~

If any party owns an ~~unleased~~ oil and gas interest in the Contract Area, that interest shall be treated for the purpose of this agreement ~~and~~ during the term hereof as if it were a leased interest under the form of oil and gas lease attached as Exhibit "B". As to such interest, the owner shall receive royalty on production as prescribed in the form of oil and gas ~~lease~~ attached hereto as Exhibit "B". Such party shall, however, be subject to all of the provisions of this agreement ~~relating~~ to lessees, ~~to the extent that it owns the lessee interest.~~

B. Interest of Parties in Costs and Production:

Exhibit "A" lists all of the parties and their respective percentage or fractional interests under this agreement. Unless changed by other provisions, all costs and liabilities incurred in operations under this agreement shall be borne and paid, and all equipment and material acquired in operations on the Contract Area shall be owned by the parties as their interests are shown in Exhibit "A". All production of oil and gas from the Contract Area, subject to the payment of lessor's royalties ~~which will be borne by the Joint Account~~, shall also be owned by the parties in the same manner during the term hereof; provided, however, this shall not be deemed an assignment or cross-assignment of interests covered hereby.

ARTICLE IV.
TITLES

A. Title Examination:

Title examination shall be made on the drillsite of any proposed well prior to commencement of drilling operations or, if the Drilling Parties so request, title examination shall be made on the leases and or oil and gas interests included, or planned to be included, in the drilling unit around such well. The opinion will include the ownership of the working interest, minerals, royalty, overriding royalty and production payments under the applicable leases. At the time a well is proposed, each party contributing leases and or oil and gas interests to the drillsite, or to be included in such drilling unit, shall furnish to Operator all abstracts (including Federal Lease Status Reports), title opinions, title papers and curative material in its possession free of charge. All such information not in the possession of or made available to Operator by the parties, but necessary for the examination of title, shall be obtained by Operator. Operator shall cause title to be examined by attorneys on its staff or by outside attorneys. Copies of all title opinions shall be furnished to each party hereto. The cost incurred by Operator in this title program shall be borne as follows:

~~[ ] Option No. 1: Costs incurred by Operator in procuring abstracts and title examination (including preliminary, supplemental, shut-in gas royalty opinions and division order title opinions) shall be a part of the administrative overhead as provided in Exhibit "C," and shall not be a direct charge, whether performed by Operator's staff attorneys or by outside attorneys.~~

[X] Option No. 2: Costs incurred by Operator in procuring abstracts and fees paid outside attorneys for title examination (including preliminary, supplemental, shut-in gas royalty opinions and division order title opinions) shall be borne by the Drilling Parties in the proportion that the interest of each Drilling Party bears to the total interest of all Drilling Parties as such interests appear in Exhibit "A". Operator shall make no charge for services rendered by its staff attorneys or other personnel in the performance of the above functions.

Each party shall be responsible for utilizing its best efforts to obtain ~~securing~~ curative matter and pooling amendments or agreements required in connection with leases or oil and gas interests contributed by such party. The Operator shall be responsible for the preparation and recording of Pooling Designations or Declarations as well as the conduct of hearings before Governmental Agencies for the securing of spacing or pooling orders. This shall not prevent any party from appearing on its own behalf at any such hearing.

No well shall be drilled on the Contract Area until after (1) the title to the drillsite or drilling unit has been examined as above provided, and (2) the title has been approved by the examining attorney or title has been accepted by all of the parties who are to participate in the drilling of the well.

B. Loss of Title:

1. Failure of Title: Should any oil and gas interest or lease, or interest therein, be lost through failure of title, which loss results in a reduction of interest from that shown on Exhibit "A", this agreement, nevertheless, shall continue in force as to all remaining oil and gas leases and interests, and

(a) The party whose oil and gas lease or interest is affected by the title failure shall bear alone the entire loss and it shall not be entitled to recover from Operator or the other parties any development

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or operating costs which it may have theretofore paid, but there shall be no monetary liability on its part to the other parties hereto for drilling, development, operating or other similar costs by reason of such title failure; and

(b) There shall be no retroactive adjustment of expenses incurred or revenues received from the operation of the interest which has been lost, but the interests of the parties shall be revised on an acreage basis, as of the time it is determined finally that title failure has occurred, so that the interest of the party whose lease or interest is affected by the title failure will thereafter be reduced in the Contract Area by the amount of the interest lost; and

(c) If the proportionate interest of the other parties hereto in any producing well theretofore drilled on the Contract Area is increased by reason of the title failure, the party whose title has failed shall receive the proceeds attributable to the increase in such interests (less costs and burdens attributable thereto) until it has been reimbursed for unrecovered costs paid by it in connection with such well; and

(d) Should any person not a party to this agreement, who is determined to be the owner of any interest in the title which has failed, pay in any manner any part of the cost of operation, development, or equipment, such amount shall be paid to the party or parties who bore the costs which are so refunded; and

(e) Any liability to account to a third party for prior production of oil and gas which arises by reason of title failure shall be borne by the party or parties in the same proportions in which they shared in such prior production; and

(f) No charge shall be made to the joint account for legal expenses, fees or salaries, in connection with the defense of the interest claimed by any party hereto, it being the intention of the parties hereto that each shall defend title to its interest and bear all expenses in connection therewith.

2. Loss by Non-Payment or Erroneous Payment of Amount Due: If, through mistake or oversight, any rental, shut-in well payment, minimum royalty or royalty payment, is not paid or is erroneously paid, and as a result a lease or interest therein terminates, there shall be no monetary liability against the party who failed to make such payment. Unless the party who failed to make the required payment secures a new lease covering the same interest within ninety (90) days from the discovery of the failure to make proper payment, which acquisition will not be subject to Article VIII.B., the interests of the parties shall be revised on an acreage basis, effective as of the date of termination of the lease involved, and the party who failed to make proper payment will no longer be credited with an interest in the Contract Area on account of ownership of the lease or interest which has terminated. In the event the party who failed to make the required payment shall not have been fully reimbursed, at the time of the loss, from the proceeds of the sale of oil and gas attributable to the lost interest, calculated on an acreage basis, for the development and operating costs theretofore paid on account of such interest, it shall be reimbursed for unrecovered actual costs theretofore paid by it (but not for its share of the cost of any dry hole previously drilled or wells previously abandoned) from so much of the following as is necessary to effect reimbursement:

(a) Proceeds of oil and gas, less operating expenses, theretofore accrued to the credit of the lost interest, on an acreage basis, up to the amount of unrecovered costs;

(b) Proceeds, less operating expenses, thereafter accrued attributable to the lost interest on an acreage basis, of that portion of oil and gas thereafter produced and marketed (excluding production from any wells thereafter drilled) which, in the absence of such lease termination, would be attributable to the lost interest on an acreage basis, up to the amount of unrecovered costs, the proceeds of said portion of the oil and gas to be contributed by the other parties in proportion to their respective interests; and

(c) Any monies, up to the amount of unrecovered costs, that may be paid by any party who is, or becomes, the owner of the interest lost, for the privilege of participating in the Contract Area or becoming a party to this agreement.

3. Other Losses: All losses incurred, other than those set forth in Articles IV.B.1. and IV.B.2. above, shall not be considered failure of title but shall be joint losses and shall be borne by all parties in proportion to their interests. There shall be no readjustment of interests in the remaining portion of the Contract Area.

ARTICLE V.
OPERATOR

A. DESIGNATION AND RESPONSIBILITIES OF OPERATOR:

HARVEY E. YATES COMPANY shall be the Operator of the Contract Area, and shall conduct and direct and have full control of all operations on the Contract Area as permitted and required by, and within the limits of, this agreement. It shall conduct all such operations in a good and workmanlike manner, but it shall have no liability as Operator to the other parties for losses sustained or liabilities incurred, except such as may result from gross negligence or willful misconduct.

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B. **Resignation or Removal of Operator and Selection of Successor:**

1. Resignation or Removal of Operator: Operator may resign at any time by giving written notice thereof to Non-Operators. If Operator terminates its legal existence, no longer owns an interest in the Contract Area, or is no longer capable of serving as Operator, it shall cease to be Operator without any action by Non-Operator, except the selection of a successor. Operator may be removed if it fails or refuses to carry out its duties hereunder, or becomes insolvent, bankrupt or is placed in receivership, by the affirmative vote of two (2) or more Non-Operators owning a majority interest based on ownership as shown on Exhibit "A", and not on the number of parties remaining after excluding the voting interest of Operator. Such resignation or removal shall not become effective until 7:00 o'clock A.M. on the first day of the calendar month following the expiration of ninety (90) days after the giving of notice of resignation by Operator or action by the Non-Operators to remove Operator, unless a successor Operator has been selected and assumes the duties of Operator at an earlier date. Operator, after effective date of resignation or removal, shall be bound by the terms hereof as a Non-Operator. A change of a corporate name or structure of Operator or transfer of Operator's interest to any single subsidiary, parent or successor corporation shall not be the basis for removal of Operator.

2. Selection of Successor Operator: Upon the resignation or removal of Operator, a successor Operator shall be selected by the Parties. The successor Operator shall be selected from the parties owning an interest in the Contract Area at the time such successor Operator is selected. If the Operator that is removed fails to vote or votes only to succeed itself, the successor Operator shall be selected by the affirmative vote of two (2) or more parties owning a majority interest based on ownership as shown on Exhibit "A", and not on the number of parties remaining after excluding the voting interest of the Operator that was removed.

C. **Employees:**

The number of employees used by Operator in conducting operations hereunder, their selection, and the hours of labor and the compensation for services performed, shall be determined by Operator, and all such employees shall be the employees of Operator.

D. **Drilling Contracts:**

All wells drilled on the Contract Area shall be drilled on a competitive contract basis at the usual rates prevailing in the area. If it so desires, Operator may employ its own tools and equipment in the drilling of wells, but its charges therefor shall not exceed the prevailing rates in the area and the rate of such charges shall be agreed upon by the parties in writing before drilling operations are commenced, and such work shall be performed by Operator under the same terms and conditions as are customary and usual in the area in contracts of independent contractors who are doing work of a similar nature.

ARTICLE VI.
DRILLING AND DEVELOPMENT

A. **Initial Well:**

On or before the 31st day of December, 1984, Operator shall commence actual operations to reenter and plug back the Coastal States, Hudson-Federal #1 well, located 660' FNL & 1980' FEL Section 11, Township 18 South, Range 31 East,N.M.P.M., Eddy County, New Mexico

to a depth sufficient to adequately test the Bone Spring formation, or to 9200', whichever is the shallower depth,

unless granite or other practically impenetrable substance or condition in the hole, which renders further drilling impractical, is encountered at a lesser depth, or unless all parties agree to complete or abandon the well at a lesser depth. Operator's only liability for failure to commence the proposed operations on this well shall be the ipso facto termination of this agreement.

Operator shall make reasonable tests of all formations encountered during drilling which give indication of containing oil and gas in quantities sufficient to test, unless this agreement shall be limited in its application to a specific formation or formations, in which event Operator shall be required to test only the formation or formations to which this agreement may apply.

If, in Operator's judgment, the well will not produce oil or gas in paying quantities, and it wishes to plug and abandon the well as a dry hole, it shall first secure the consent of all parties and shall plug and abandon same as provided in Article VI.E.1. hereof.

except when authorized in writing by the American Association of Petroleum Landmen

B. Subsequent Operations:

1. Proposed Operations: Should any party hereto desire to drill any well on the Contract Area other than the well provided for in Article VI.A., or to rework, deepen or plug back a dry hole drilled at the joint expense of all parties or a well jointly owned by all the parties and not then producing in paying quantities, the party desiring to drill, rework, deepen or plug back such a well shall give the other parties written notice of the proposed operation, specifying the work to be performed, the location, proposed depth, objective formation and the estimated cost of the operation. The parties receiving such a notice shall have thirty (30) days after receipt of the notice within which to notify the parties wishing to do the work whether they elect to participate in the cost of the proposed operation. If a drilling rig is on location, notice of proposal to rework, plug back or drill deeper may be given by telephone and the response period shall be limited to forty-eight (48) hours, exclusive of Saturday, Sunday or legal holidays. Failure of a party receiving such notice to reply within the period above fixed shall constitute an election by that party not to participate in the cost of the proposed operation. Any notice or response given by telephone shall be promptly confirmed in writing.

2. Operations by Less than All Parties: If any party receiving such notice as provided in Article VI.B.1. or VI.E.1. elects not to participate in the proposed operation, then, in order to be entitled to the benefits of this article, the party or parties giving the notice and such other parties as shall elect to participate in the operation shall, within sixty (60) days after the expiration of the notice period of thirty (30) days (or as promptly as possible after the expiration of the forty-eight (48) hour period where the drilling rig is on location, as the case may be) actually commence work on the proposed operation and complete it with due diligence. Operator shall perform all work for the account of the Consenting Parties; provided, however, if no drilling rig or other equipment is on location, and if Operator is a Non-Consenting Party, the Consenting Parties shall either: (a) request Operator to perform the work required by such proposed operation for the account of the Consenting Parties, or (b) designate one (1) of the Consenting Parties as Operator to perform such work. Consenting Parties, when conducting operations on the Contract Area pursuant to this Article VI.B.2., shall comply with all terms and conditions of this agreement.

If less than all parties approve any proposed operation, the proposing party, immediately after the expiration of the applicable notice period, shall advise the Consenting Parties of (a) the total interest of the parties approving such operation, and (b) its recommendation as to whether the Consenting Parties should proceed with the operation as proposed. Each Consenting Party, within forty-eight (48) hours (exclusive of Saturday, Sunday or legal holidays) after receipt of such notice, shall advise the proposing party of its desire to (a) limit participation to such party's interest as shown on Exhibit "A", or (b) carry its proportionate part of Non-Consenting Parties' interest. The proposing party, at its election, may withdraw such proposal if there is insufficient participation, and shall promptly notify all parties of such decision.

The entire cost and risk of conducting such operations shall be borne by the Consenting Parties in the proportions they have elected to bear same under the terms of the preceding paragraph. Consenting Parties shall keep the leasehold estates involved in such operations free and clear of all liens and encumbrances of every kind created by or arising from the operations of the Consenting Parties. If such an operation results in a dry hole, the Consenting Parties shall plug and abandon the well at their sole cost, risk and expense. If any well drilled, reworked, deepened or plugged back under the provisions of this Article results in a producer of oil and/or gas in paying quantities, the Consenting Parties shall complete and equip the well to produce at their sole cost and risk, and the well shall then be turned over to Operator and shall be operated by it at the expense and for the account of the Consenting Parties. Upon commencement of operations for the drilling, reworking, deepening or plugging back of any such well by Consenting Parties in accordance with the provisions of this Article, each Non-Consenting Party shall be deemed to have relinquished to Consenting Parties, and the Consenting Parties shall own and be entitled to receive, in proportion to their respective interests, all of such Non-Consenting Party's interest in the well and share of production therefrom until the proceeds of the sale of such share, calculated at the well or market value thereof if such share is not sold (after deducting production taxes, royalty, overriding royalty and other interests existing on the effective date hereof, payable out of or measured by the production from such well accruing with respect to such interest until it reverts) shall equal the total of the following:

windfall profits tax, excise tax,

(a) 100% of each such Non-Consenting Party's share of the cost of any newly acquired surface equipment beyond the wellhead connections (including, but not limited to, stock tanks, separators, treaters, pumping equipment and piping), plus 100% of each such Non-Consenting Party's share of the cost of operation of the well commencing with first production and continuing until each such Non-Consenting Party's relinquished interest shall revert to it under other provisions of this Article, it being agreed that each Non-Consenting Party's share of such costs and equipment will be that interest which would have been chargeable to each Non-Consenting Party had ~~it~~ all parties participated in the well from the beginning of the operation; and

(b) 300 % of that portion of the costs and expenses of drilling reworking, deepening, or plugging back, testing and completing, after deducting any cash contributions received under Article VIII.C., and

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300 % of that portion of the cost of newly acquired equipment in the well (to and including the well-head connections), which would have been chargeable to such Non-Consenting Party if all parties had participated therein.

Gas production attributable to any Non - Consenting Party's relinquished interest upon such Party's election, shall be sold to its purchaser, if available, under the terms of its existing gas sales contract. Such Non - Consenting Party shall direct its purchaser to remit the proceeds receivable from such sale direct to the Consenting Parties until the amounts provided for in this Article are recovered from the Non - Consenting Party's relinquished interest. If such Non - Consenting Party has not contracted for sale of its gas at the time such gas is available for delivery, or has not made the election as provided above, the Consenting Parties shall own and be entitled to receive and sell such Non-Consenting Party's share of gas as hereinabove provided during the recoupment period.

During the period of time Consenting Parties are entitled to receive Non-Consenting Party's share of production, or the proceeds therefrom, Consenting Parties shall be responsible for the payment of all production, severance, gathering and other taxes, windfall profits tax, and all royalty, overriding royalty and other burdens applicable to Non-Consenting Party's share of production.

In the case of any reworking, plugging back or deeper drilling operation, the Consenting Parties shall be permitted to use, free of cost, all casing, tubing and other equipment in the well, but the ownership of all such equipment shall remain unchanged; and upon abandonment of a well after such reworking, plugging back or deeper drilling, the Consenting Parties shall account for all such equipment to the owners thereof, with each party receiving its proportionate part in kind or in value, less cost of salvage.

Within sixty (60) days after the completion of any operation under this Article, the party conducting the operations for the Consenting Parties shall furnish each Non-Consenting Party with an inventory of the equipment in and connected to the well, and an itemized statement of the cost of drilling, deepening, plugging back, testing, completing, and equipping the well for production; or, at its option, the operating party, in lieu of an itemized statement of such costs of operation, may submit a detailed statement of monthly billings. Each month thereafter, during the time the Consenting Parties are being reimbursed as provided above, the Party conducting the operations for the Consenting Parties shall furnish the Non-Consenting Parties with an itemized statement of all costs and liabilities incurred in the operation of the well, together with a statement of the quantity of oil and gas produced from it and the amount of proceeds realized from the sale of the well's working interest production during the preceding month. In determining the quantity of oil and gas produced during any month, Consenting Parties shall use industry accepted methods such as, but not limited to, metering or periodic well tests. Any amount realized from the sale or other disposition of equipment newly acquired in connection with any such operation which would have been owned by a Non-Consenting Party had it participated therein shall be credited against the total unreturned costs of the work done and of the equipment purchased, in determining when the interest of such Non-Consenting Party shall revert to it as above provided; and if there is a credit balance, it shall be paid to such Non-Consenting party.

If and when the Consenting Parties recover from a Non-Consenting Party's relinquished interest the amounts provided for above, the relinquished interests of such Non-Consenting Party shall automatically revert to it, and, from and after such reversion, such Non-Consenting Party shall own the same interest in such well, the material and equipment in or pertaining thereto, and the production therefrom as such Non-Consenting Party would have been entitled to had it participated in the drilling, reworking, deepening or plugging back of said well. Thereafter, such Non-Consenting Party shall be charged with and shall pay its proportionate part of the further costs of the operation of said well in accordance with the terms of this agreement and the Accounting Procedure, attached hereto.

Notwithstanding the provisions of this Article VI.B.2., it is agreed that without the mutual consent of all parties, no wells shall be completed in or produced from a source of supply from which a well located elsewhere on the Contract Area is producing, unless such well conforms to the then-existing well spacing pattern for such source of supply.

The provisions of this Article shall have no application whatsoever to the drilling of the initial well described in Article VI.A. except (a) when Option 2, Article VII.D.1., has been selected, or (b) to the reworking, deepening and plugging back of such initial well, if such well is or thereafter shall prove to be a dry hole or non-commercial well, after having been drilled to the depth specified in Article VI.A.

C. Right to Take Production in Kind:

Each party electing to take in kind or separately dispose of its proportionate share of the production from the Contract Area shall keep accurate records of the volume, selling price, royalty and taxes relative to its share of production. Non-Operators shall, upon request, furnish Operator with true and complete copies of the records required to be kept hereunder whenever, under the terms of this agreement or any agreement executed in connection herewith, it is necessary for Operator to obtain said information. Any information furnished to Operator hereunder shall be used by Operator only to the extent necessary to carry out its duties as Operator and shall otherwise be kept confidential.

Each party shall have the right to take in kind or separately dispose of its proportionate share of all oil and gas produced from the Contract Area, exclusive of production which may be used in development and producing operations and in preparing and

treating oil for marketing purposes and production unavoidably lost. Any extra expenditure incurred in the taking in kind or separate disposition by any party of its proportionate share of the production shall be borne by such party. Any party taking its share of production in kind shall be required to pay for only its proportionate share of such part of Operator's surface facilities which it uses.

Each party shall execute such division orders and contracts as may be necessary for the sale of its interest in production from the Contract Area, and, except as provided in Article VII.B., shall be entitled to receive payment direct from the purchaser thereof for its share of all production.

In the event any party shall fail to make the arrangements necessary to take in kind or separately dispose of its proportionate share of the oil and gas produced from the Contract Area, Operator shall have the right, subject to the revocation at will by the party owning it, but not the obligation, to purchase such oil and gas or sell it to others at any time and from time to time, for the account of the non-taking party at the best price obtainable in the area for such production. Any such purchase or sale by Operator shall be subject always to the right of the owner of the production to exercise at any time its right to take in kind, or separately dispose of, its share of all oil and gas not previously delivered to a purchaser. Any purchase or sale by Operator of any other party's share of oil and gas shall be only for such reasonable periods of time as are consistent with the minimum needs of the industry under the particular circumstances, but in no event for a period in excess of one (1) year. Notwithstanding the foregoing, Operator shall not make a sale, including one into interstate commerce, of any other party's share of gas production without first giving such other party thirty (30) days notice of such intended sale.

In the event any party hereto is not at any time taking or marketing its share of gas production and Operator is either (i) unwilling to purchase or sell or (ii) unable to obtain the prior written consent to purchase or sell such party's share of gas production, or in the event any party has contracted to sell its share of gas produced from the Contract Area to a purchaser which does not at any time while this agreement is in effect take the full share of gas attributable to the interest of such party, then in any such event the terms and conditions of the Gas Balancing Agreement attached hereto as Exhibit "E" and incorporated herein shall automatically become effective.

D. Access to Contract Area and Information:

Each party shall have access to the Contract Area at all reasonable times, at its sole risk to inspect or observe operations, and shall have access at reasonable times to information pertaining to the development or operation thereof, including Operator's books and records relating thereto. Operator, upon request, shall furnish each of the other parties with copies of all forms or reports filed with governmental agencies, daily drilling reports, well logs, tank tables, daily gauge and run tickets and reports of stock on hand at the first of each month, and shall make available samples of any cores or cuttings taken from any well drilled on the Contract Area. The cost of gathering and furnishing information to Non-Operator, other than that specified above, shall be charged to the Non-Operator that requests the information.

E. Abandonment of Wells:

1. Abandonment of Dry Holes: Except for any well drilled pursuant to Article VI.B.2., any well which has been drilled under the terms of this agreement and is proposed to be completed as a dry hole shall not be plugged and abandoned without the consent of all parties. Should Operator, after diligent effort, be unable to contact any party, or should any party fail to reply within forty-eight (48) hours (exclusive of Saturday, Sunday or legal holidays) after receipt of notice of the proposal to plug and abandon such well, such party shall be deemed to have consented to the proposed abandonment. All such wells shall be plugged and abandoned in accordance with applicable regulations and at the cost, risk and expense of the parties who participated in the cost of drilling of such well. Any party who objects to the plugging and abandoning such well shall have the right to take over the well and conduct further operations in search of oil and/or gas subject to the provisions of Article VI.B.

2. Abandonment of Wells that have Produced: Except for any well which has been drilled or reworked pursuant to Article VI.B.2. hereof for which the Consenting Parties have not been fully reimbursed as therein provided, any well which has been completed as a producer shall not be plugged and abandoned without the consent of all parties. If all parties consent to such abandonment, the well shall be plugged and abandoned in accordance with applicable regulations and at the cost, risk and expense of all the parties hereto. If, within thirty (30) days after receipt of notice of the proposed abandonment of such well, all parties do not agree to the abandonment of any well, those wishing to continue its operation shall tender to each of the other parties its proportionate share of the value of the well's salvable material and equipment, determined in accordance with the provisions of Exhibit "C", less the estimated cost of salvaging and the estimated cost of plugging and abandoning. Each abandoning party shall assign to the non-abandoning parties, without warranty, express or implied, as to title or as to quantity, quality, or fitness for use of the equipment and material, all of its interest in the well and related equipment, together with its interest in the leasehold estate as to, but only as to, the interval or intervals of the formation or formations then open to production. If the interest of the abandoning party is or includes an oil and gas interest, such party shall execute and deliver to the non-abandoning party or parties an oil and gas lease, limited to the interval or intervals of the formation or formations then open to production, for a term of one year and so long thereafter as oil and/or gas is produced from the interval or inter-

vals of the formation or formations covered thereby, such lease to be on the form attached as Exhibit "B". The assignments or leases so limited shall encompass the "drilling unit" upon which the well is located. The payments by, and the assignments or leases to, the assignees shall be in a ratio based upon the relationship of their respective percentages of participation in the Contract Area to the aggregate of the percentages of participation in the Contract Area of all assignees. There shall be no readjustment of interest in the remaining portion of the Contract Area.

Thereafter, abandoning parties shall have no further responsibility, liability, or interest in the operation of or production from the well in the interval or intervals then open other than the royalties retained in any lease made under the terms of this Article. Upon request, Operator shall continue to operate the assigned well for the account of the non-abandoning parties at the rates and charges contemplated by this agreement, plus any additional cost and charges which may arise as the result of the separate ownership of the assigned well.

ARTICLE VII.
EXPENDITURES AND LIABILITY OF PARTIES

A. Liability of Parties:

The liability of the parties shall be several, not joint or collective. Each party shall be responsible only for its obligations, and shall be liable only for its proportionate share of the costs of developing and operating the Contract Area. Accordingly, the liens granted among the parties in Article VII.B. are given to secure only the debts of each severally. It is not the intention of the parties to create, nor shall this agreement be construed as creating, a mining or other partnership or association, or to render the parties liable as partners.

B. Liens and Payment Defaults:

Each Non-Operator grants to Operator a lien upon its oil and gas rights in the Contract Area, and a security interest in its share of oil and/or gas when extracted and its interest in all equipment, to secure payment of its share of expense, together with interest thereon at the rate provided in the Accounting Procedure attached hereto as Exhibit "C". To the extent that Operator has a security interest under the Uniform Commercial Code of the State, Operator shall be entitled to exercise the rights and remedies of a secured party under the Code. The bringing of a suit and the obtaining of judgment by Operator for the secured indebtedness shall not be deemed an election of remedies or otherwise affect the lien rights or security interest as security for the payment thereof. In addition, upon default by any Non-Operator in the payment of its share of expense, Operator shall have the right, without prejudice to other rights or remedies, to collect from the purchaser the proceeds from the sale of such Non-Operator's share of oil and/or gas until the amount owed by such Non-Operator, to include interest on the deficiency and, if suit is brought to collect any deficiency, reasonable attorney's fees, has been paid. Each purchaser shall be entitled to rely upon Operator's written statement concerning the amount of any default. Operator grants a like lien and security interest to the Non-Operators to secure payment of Operator's proportionate share of expense.

If any party fails or is unable to pay its share of expense within sixty (60) days after rendition of a statement therefor by Operator, the non-defaulting parties, including Operator, shall, upon request by Operator, pay the unpaid amount in the proportion that the interest of each such party bears to the interest of all such parties. Each party so paying its share of the unpaid amount shall, to obtain reimbursement thereof, be subrogated to the security rights described in the foregoing paragraph.

C. Payments and Accounting:

Except as herein otherwise specifically provided, Operator shall promptly pay and discharge expenses incurred in the development and operation of the Contract Area pursuant to this agreement and shall charge each of the parties hereto with their respective proportionate shares upon the expense basis provided in the Accounting Procedure attached hereto as Exhibit "C". Operator shall keep an accurate record of the joint account hereunder, showing expenses incurred and charges and credits made and received.

Operator, at its election, shall have the right from time to time to demand and receive from the other parties payment in advance of their respective shares of the estimated amount of the expense to be incurred in operations hereunder during the next succeeding month, which right may be exercised only by submission to each such party of an itemized statement of such estimated expense, together with an invoice for its share thereof. Each such statement and invoice for the payment in advance of estimated expense shall be submitted on or before the 20th day of the next preceding month. Each party shall pay to Operator its proportionate share of such estimate within thirty (30) days after such estimate and invoice is received. If any party fails to pay its share of said estimate within said time, the amount due shall bear interest as provided in Exhibit "C" until paid. Proper adjustment shall be made monthly between advances and actual expense to the end that each party shall bear and pay its proportionate share of actual expenses incurred, and no more.

D. Limitation of Expenditures:

1. Drill or Deepen: **Without the consent of all parties, no well shall be drilled or deepened, except any well drilled or deepened pursuant to the provisions of Article VI.B.2. of this Agreement, it being understood that the consent to the drilling or deepening shall include:**

☐ Option No. 1: **All necessary expenditures for the drilling or deepening, testing, completing and equipping of the well, including necessary tankage and/or surface facilities.**

☒ Option No. 2: **All necessary expenditures for the drilling or deepening and testing of the well. When such well has reached its authorized depth, and all tests have been completed, Operator shall give immediate notice to the Non-Operators who have the right to participate in the completion costs. The parties receiving such notice shall have forty-eight (48) hours (exclusive of Saturday, Sunday and legal holidays) in which to elect to participate in the setting of casing and the completion attempt. Such election, when made, shall include consent to all necessary expenditures for the completing and equipping of such well, including necessary tankage and/or surface facilities. Failure of any party receiving such notice to reply within the period above fixed shall constitute an election by that party not to participate in the cost of the completion attempt. If one or more, but less than all of the parties, elect to set pipe and to attempt a completion, the provisions of Article VI.B.2. hereof (the phrase "reworking, deepening or plugging back" as contained in Article VI.B.2. shall be deemed to include "completing") shall apply to the operations thereafter conducted by less than all parties.**

2. Rework or Plug Back: **Without the consent of all parties, no well shall be reworked or plugged back except a well reworked or plugged back pursuant to the provisions of Article VI.B.2. of this agreement, it being understood that the consent to the reworking or plugging back of a well shall include consent to all necessary expenditures in conducting such operations and completing and equipping of said well, including necessary tankage and/or surface facilities.**

3. Other Operations: **Operator shall not undertake any single project reasonably estimated to require** an expenditure in excess of Twenty-Five Thousand Dollars ($ 25,000.00) **except in connection with a well, the drilling, reworking, deepening, completing, recompleting, or plugging back of which has been previously authorized by or pursuant to this agreement; provided, however, that, in case of explosion, fire, flood or other sudden emergency, whether of the same or different nature, Operator may take such steps and incur such expenses as in its opinion are required to deal with the emergency to safeguard life and property but Operator, as promptly as possible, shall report the emergency to the other parties. If Operator prepares "Authority for Expenditures" for its own use, Operator, upon request, shall furnish copies of its "Authority for Expenditures" for any single project** costing in excess of Fifteen Thousand Dollars ($ 15,000.00).

E. Royalties, Overriding Royalties and Other Payments:

~~Each party shall pay or deliver, or cause to be paid or delivered, all royalties to the extent of~~ _____ **due on its share of production and shall hold the other parties free from any liability therefor. If the interest of any party in any oil and gas lease covered by this agreement is subject to any royalty, overriding royalty, production payment, or other charge over and above the aforesaid royalty, such party shall assume and alone bear all such obligations and shall account** ~~for or cause to be accounted for such interest to the owners thereof.~~

Refer to Article XV, Par. G. and to Exhibit "A-1" attached hereto

No party shall ever be responsible, on any price basis higher than the price received by such party, to any other party's lessor or royalty owner; and if any such other party's lessor or royalty owner should demand and receive settlements on a higher price basis, the party contributing such lease shall bear the royalty burden insofar as such higher price is concerned.

F. Rentals, Shut-in Well Payments and Minimum Royalties:

Rentals, shut-in well payments and minimum royalties which may be required under the terms of any lease shall be paid by the party or parties who subjected such lease to this agreement at its or their expense. In the event two or more parties own and have contributed interests in the same lease to this agreement, such parties may designate one of such parties to make said payments for and on behalf of all such parties. Any party may request, and shall be entitled to receive, proper evidence of all such payments. In the event of failure to make proper payment of any rental, shut-in well payment or minimum royalty through mistake or oversight where such payment is required to continue the lease in force, any loss which results from such non-payment shall be borne in accordance with the provisions of Article IV.B.2.

Operator shall notify Non-Operator of the anticipated completion of a shut-in gas well, or the shutting in or return to production of a producing gas well, at least five (5) days (excluding Saturday, Sunday and holidays), or at the earliest opportunity permitted by circumstances, prior to taking such action, but assumes no liability for failure to do so. In the event of failure by Operator to so notify Non-Operator, the loss of any lease contributed hereto by Non-Operator for failure to make timely payments.

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of any shut-in well payment shall be borne jointly by the parties hereto under the provisions of Article IV.B.3.

G. Taxes: (See Article XV.C.for additional provisions)

Beginning with the first calendar year after the effective date hereof, Operator shall render for ad valorem taxation all property subject to this agreement which by law should be rendered for such taxes, and it shall pay all such taxes assessed thereon before they become delinquent. Prior to the rendition date, each Non-Operator shall furnish Operator information as to burdens (to include, but not be limited to, royalties, overriding royalties and production payments) on leases and oil and gas interests contributed by such Non-Operator. If the assessed valuation of any leasehold estate is reduced by reason of its being subject to outstanding excess royalties, overriding royalties or production payments, the reduction in ad valorem taxes resulting therefrom shall inure to the benefit of the owner or owners of such leasehold estate, and Operator shall adjust the charge to such owner or owners so as to reflect the benefit of such reduction. Operator shall bill other parties for their proportionate share of all tax payments in the manner provided in Exhibit "C".

If Operator considers any tax assessment improper, Operator may, at its discretion, protest within the time and manner prescribed by law, and prosecute the protest to a final determination, unless all parties agree to abandon the protest prior to final determination. During the pendency of administrative or judicial proceedings, Operator may elect to pay, under protest, all such taxes and any interest and penalty. When any such protested assessment shall have been finally determined, Operator shall pay the tax for the joint account, together with any interest and penalty accrued, and the total cost shall then be assessed against the parties, and be paid by them, as provided in Exhibit "C".

If the ad valorem taxes are based in whole or in part upon separate valuations of each party's working interest, then notwithstanding anything to the contrary herein, charges to the joint account shall be made and paid by the parties hereto in accordance with the tax value generated by each party's working interest".

Each party shall pay or cause to be paid all production, severance, gathering and other taxes imposed upon or with respect to the production or handling of such party's share of oil and/or gas produced under the terms of this agreement.

H. Insurance:

At all times while operations are conducted hereunder, Operator shall comply with the Workmen's Compensation Law of the State where the operations are being conducted; provided, however, that Operator may be a self-insurer for liability under said compensation laws in which event the only charge that shall be made to the joint account shall be an amount equivalent to the premium which would have been paid had such insurance been obtained. Operator shall also carry or provide insurance for the benefit of the joint account of the parties as outlined in Exhibit "D", attached to and made a part hereof. Operator shall require all contractors engaged in work on or for the Contract Area to comply with the Workmen's Compensation Law of the State where the operations are being conducted and to maintain such other insurance as Operator may require.

In the event Automobile Public Liability Insurance is specified in said Exhibit "D", or subsequently receives the approval of the parties, no direct charge shall be made by Operator for premiums paid for such insurance for Operator's fully owned automotive equipment.

ARTICLE VIII.
ACQUISITION, MAINTENANCE OR TRANSFER OF INTEREST

A. Surrender of Leases:

The leases covered by this agreement, insofar as they embrace acreage in the Contract Area, shall not be surrendered in whole or in part unless all parties consent thereto.

However, should any party desire to surrender its interest in any lease or in any portion thereof, and other parties do not agree or consent thereto, the party desiring to surrender shall assign, without express or implied warranty of title, all of its interest in such lease, or portion thereof, and any well, material and equipment which may be located thereon and any rights in production thereafter secured, to the parties not desiring to surrender it. If the interest of the assigning party includes an oil and gas interest, the assigning party shall execute and deliver to the party or parties not desiring to surrender an oil and gas lease covering such oil and gas interest for a term of one year and so long thereafter as oil and/or gas is produced from the land covered thereby, ~~such lease to be on the form attached hereto as Exhibit "B"~~. Upon such assignment, the assigning party shall be relieved from all obligations thereafter accruing, but not theretofore accrued, with respect to the acreage assigned and the operation of any well thereon, and the assigning party shall have no further interest in the lease assigned and its equipment and production other than the royalties retained in any lease made under the terms of this Article. The parties assignee shall pay to the party assignor the reasonable salvage value of the latter's interest in any wells and equipment on the assigned acreage. The value of all material shall be determined in accordance with the provisions of Exhibit "C", less the estimated cost of salvaging and the estimated cost of plugging and abandoning. If the assignment is in favor of more than one party, the assigned interest shall

be shared by the parties assignee in the proportions that the interest of each bears to the interest of all parties assignee.

Any assignment or surrender made under this provision shall not reduce or change the assignor's or surrendering parties' interest, as it was immediately before the assignment, in the balance of the Contract Area; and the acreage assigned or surrendered, and subsequent operations thereon, shall not thereafter be subject to the terms and provisions of this agreement.

B. Renewal or Extension of Leases:

If any party secures a renewal of any oil and gas lease subject to this Agreement, all other parties shall be notified promptly, and shall have the right for a period of thirty (30) days following receipt of such notice in which to elect to participate in the ownership of the renewal lease, insofar as such lease affects lands within the Contract Area, by paying to the party who acquired it their several proper proportionate shares of the acquisition cost allocated to that part of such lease within the Contract Area, which shall be in proportion to the interests held at that time by the parties in the Contract Area.

If some, but less than all, of the parties elect to participate in the purchase of a renewal lease, it shall be owned by the parties who elect to participate therein, in a ratio based upon the relationship of their respective percentage of participation in the Contract Area to the aggregate of the percentages of participation in the Contract Area of all parties participating in the purchase of such renewal lease. Any renewal lease in which less than all parties elect to participate shall not be subject to this agreement.

Each party who participates in the purchase of a renewal lease shall be given an assignment of its proportionate interest therein by the acquiring party, without warranty of title.

The provisions of this Article shall apply to renewal leases whether they are for the entire interest covered by the expiring lease or cover only a portion of its area or an interest therein. Any renewal lease taken before the expiration of its predecessor lease, or taken or contracted for within six (6) months after the expiration of the existing lease shall be subject to this provision; but any lease taken or contracted for more than six (6) months after the expiration of an existing lease shall not be deemed a renewal lease and shall not be subject to the provisions of this agreement.

The provisions in this Article shall apply also and in like manner to extensions of oil and gas leases. The provisions of this Article VIII.B. shall apply only to leases or portions thereof located within the Contract Area.

C. Acreage or Cash Contributions:

While this agreement is in force, if any party contracts for a contribution of cash toward the drilling of a well or any other operation on the Contract Area, such contribution shall be paid to the party who conducted the drilling or other operation and shall be applied by it against the cost of such drilling or other operation. If the contribution be in the form of acreage, the party to whom the contribution is made shall promptly tender an assignment of the acreage, without warranty of title, to the Drilling Parties in the proportions said Drilling Parties shared the cost of drilling the well. If all parties hereto are Drilling Parties and accept such tender, such acreage shall become a part of the Contract Area and be governed by the provisions of this agreement. If less than all parties hereto are Drilling Parties and accept such tender, such acreage shall not become a part of the Contract Area. Each party shall promptly notify all other parties of all acreage or money contributions it may obtain in support of any well or any other operation on the Contract Area.

If any party contracts for any consideration relating to disposition of such party's share of substances produced hereunder, such consideration shall not be deemed a contribution as contemplated in this Article VIII.C.

D. Subsequently Created Interest:

Notwithstanding the provisions of Article VIII.E. and VIII.G., if any party hereto shall, subsequent to execution of this agreement, create an overriding royalty, production payment, or net proceeds interest, which such interests are hereinafter referred to as "subsequently created interest", such subsequently created interest shall be specifically made subject to all of the terms and provisions of this agreement, as follows:

1. If non-consent operations are conducted pursuant to any provision of this agreement, and the party conducting such operations becomes entitled to receive the production attributable to the interest out of which the subsequently created interest is derived, such party shall receive same free and clear of such subsequently created interest. The party creating same shall bear and pay all such subsequently created interests and shall indemnify and hold the other parties hereto free and harmless from any and all liability resulting therefrom.

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2. If the owner of the interest from which the subsequently created interest is derived (1) fails to pay, when due, its share of expenses chargeable hereunder, or (2) elects to abandon a well under provisions of Article VI.E. hereof, or (3) elects to surrender a lease under provisions of Article VIII.A. hereof, the subsequently created interest shall be chargeable with the pro rata portion of all expenses hereunder in the same manner as if such interest were a working interest. For purposes of collecting such chargeable expenses, the party or parties who receive assignments as a result of (2) or (3) above shall have the right to enforce all provisions of Article VII.B. hereof against such subsequently created interest.

E. Maintenance of Uniform Interest:

For the purpose of maintaining uniformity of ownership in the oil and gas leasehold interests covered by this agreement, and notwithstanding any other provisions to the contrary, no party shall sell, encumber, transfer or make other disposition of its interest in the leases embraced within the Contract Area and in wells, equipment and production unless such disposition covers either:

1. the entire interest of the party in all leases and equipment and production; or

2. an equal undivided interest in all leases and equipment and production in the Contract Area.

Every such sale, encumbrance, transfer or other disposition made by any party shall be made expressly subject to this agreement, and shall be made without prejudice to the right of the other parties.

If, at any time the interest of any party is divided among and owned by four or more co-owners, Operator, at its discretion, may require such co-owners to appoint a single trustee or agent with full authority to receive notices, approve expenditures, receive billings for and approve and pay such party's share of the joint expenses, and to deal generally with, and with power to bind, the co-owners of such party's interests within the scope of the operations embraced in this agreement; however, all such co-owners shall have the right to enter into and execute all contracts or agreements for the disposition of their respective shares of the oil and gas produced from the Contract Area and they shall have the right to receive, separately, payment of the sale proceeds hereof.

F. Waiver of Right to Partition:

If permitted by the laws of the state or states in which the property covered hereby is located, each party hereto owning an undivided interest in the Contract Area waives any and all rights it may have to partition and have set aside to it in severalty its undivided interest therein.

~~**G. Preferential Right to Purchase:**~~

Should any party desire to sell all or any part of its interests under this agreement, or its rights and interests in the Contract Area, it shall promptly give written notice to the other parties, with full information concerning its proposed sale, which shall include the name and address of the prospective purchaser (who must be ready, willing and able to purchase), the purchase price, and all other terms of the offer. The other parties shall then have an optional prior right, for a period of ten (10) days after receipt of the notice, to purchase on the same terms and conditions the interest which the other party proposes to sell; and, if this optional right is exercised, the purchasing parties shall share the purchased interest in the proportions that the interest of each bears to the total interest of all purchasing parties. However, there shall be no preferential right to purchase in those cases where any party wishes to mortgage its interests, or to dispose of its interests by merger, reorganization, consolidation, or sale of all or substantially all of its assets to a subsidiary or parent company or to a subsidiary of a parent company or to any company in which any one party owns a majority of the stock.

ARTICLE IX.
INTERNAL REVENUE CODE ELECTION

This agreement is not intended to create, and shall not be construed to create, a relationship of partnership or an association for profit between or among the parties hereto. Notwithstanding any provisions herein that the rights and liabilities hereunder are several and not joint or collective, or that this agreement and operations hereunder shall not constitute a partnership, if, for Federal income tax purposes, this agreement and the operations hereunder are regarded as a partnership, each party hereby affected elects to be excluded from the application of all of the provisions of Subchapter "K", Chapter 1, Subtitle "A", of the Internal Revenue Code of 1954, as permitted and authorized by Section 761 of the Code and the regulations promulgated thereunder. Operator is authorized and directed to execute on behalf of each party hereby affected such evidence of this election as may be required by the Secretary of the Treasury of the United States or the Federal Internal Revenue Service, including specifically, but not by way of limitation, all of the returns, statements, and the data required by Federal Regulations 1.761. Should there be any requirement that each party hereby affected give further evidence of this election, each such party shall execute such documents and furnish such other evidence as may be required by the Federal Internal Revenue Service or as may be necessary to evidence this election. No

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such party shall give any notices or take any other action inconsistent with the election made hereby. If any present or future income tax laws of the state or states in which the Contract Area is located or any future income tax laws of the United States contain provisions similar to those in Subchapter "K", Chapter 1, Subtitle "A", of the Internal Revenue Code of 1954, under which an election similar to that provided by Section 761 of the Code is permitted, each party hereby affected shall make such election as may be permitted or required by such laws. In making the foregoing election, each such party states that the income derived by such party from Operations hereunder can be adequately determined without the computation of partnership taxable income.

ARTICLE X.
CLAIMS AND LAWSUITS

Operator may settle any single damage claim or suit arising from operations hereunder if the expenditure does not exceed Five Thousand Dollars ($5,000.00) and if the payment is in complete settlement of such claim or suit. If the amount required for settlement exceeds the above amount, the parties hereto shall assume and take over the further handling of the claim or suit, unless such authority is delegated to Operator. All costs and expense of handling, settling, or otherwise discharging such claim or suit shall be at the joint expense of the parties. If a claim is made against any party or if any party is sued on account of any matter arising from operations hereunder over which such individual has no control because of the rights given Operator by this agreement, the party shall immediately notify Operator, and the claim or suit shall be treated as any other claim or suit involving operations hereunder.

ARTICLE XI.
FORCE MAJEURE

If any party is rendered unable, wholly or in part, by force majeure to carry out its obligations under this agreement, other than the obligation to make money payments, that party shall give to all other parties prompt written notice of the force majeure with reasonably full particulars concerning it; thereupon, the obligations of the party giving the notice, so far as they are affected by the force majeure, shall be suspended during, but no longer than, the continuance of the force majeure. The affected party shall use all reasonable diligence to remove the force majeure situation as quickly as practicable.

The requirement that any force majeure shall be remedied with all reasonable dispatch shall not require the settlement of strikes, lockouts, or other labor difficulty by the party involved, contrary to its wishes; how all such difficulties shall be handled shall be entirely within the discretion of the party concerned.

The term "force majeure", as here employed, shall mean an act of God, strike, lockout, or other industrial disturbance, act of the public enemy, war, blockade, public riot, lightning, fire, storm, flood, explosion, governmental action, governmental delay, restraint or inaction, unavailability of equipment, and any other cause, whether of the kind specifically enumerated above or otherwise, which is not reasonably within the control of the party claiming suspension.

ARTICLE XII.
NOTICES

All notices authorized or required between the parties, and required by any of the provisions of this agreement, unless otherwise specifically provided, shall be given in writing by United States mail or Western Union telegram, postage or charges prepaid, or by teletype, and addressed to the party to whom the notice is given at the addresses listed on Exhibit "A". The originating notice given under any provision hereof shall be deemed given only when received by the party to whom such notice is directed, and the time for such party to give any notice in response thereto shall run from the date the originating notice is received. The second or any responsive notice shall be deemed given when deposited in the United States mail or with the Western Union Telegraph Company, with postage or charges prepaid, or when sent by teletype. Each party shall have the right to change its address at any time, and from time to time, by giving written notice hereof to all other parties.

ARTICLE XIII.
TERM OF AGREEMENT

This agreement shall remain in full force and effect as to the oil and gas leases and/or oil and gas interests subjected hereto for the period of time selected below; provided, however, no party hereto shall ever be construed as having any right, title or interest in or to any lease, or oil and gas interest contributed by any other party beyond the term of this agreement.

☐ Option No. 1: So long as any of the oil and gas leases subject to this agreement remain or are continued in force as to any part of the Contract Area, whether by production, extension, renewal or otherwise, and/or so long as oil and/or gas production continues from any lease or oil and gas interest

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☒ Option No. 2: In the event the well described in Article VI.A., or any subsequent well drilled under any provision of this agreement, results in production of oil and/or gas in paying quantities, this agreement shall continue in force so long as any such well or wells produce, or are capable of production, and for an additional period of 120 days from cessation of all production; provided, however, if, prior to the expiration of such additional period, one or more of the parties hereto are engaged in drilling or reworking a well or wells hereunder, this agreement shall continue in force until such operations have been completed and if production results therefrom, this agreement shall continue in force as provided herein. In the event the well described in Article VI.A., or any subsequent well drilled hereunder, results in a dry hole, and no other well is producing, or capable of producing oil and or gas from the Contract Area, this agreement shall terminate unless drilling or reworking operations are commenced within 120 days from the date of abandonment of said well.

It is agreed, however, that the termination of this agreement shall not relieve any party hereto from any liability which has accrued or attached prior to the date of such termination.

ARTICLE XIV.
COMPLIANCE WITH LAWS AND REGULATIONS

A. Laws, Regulations and Orders:

This agreement shall be subject to the conservation laws of the state in which the committed acreage is located, to the valid rules, regulations, and orders of any duly constituted regulatory body of said state; and to all other applicable federal, state, and local laws, ordinances, rules, regulations, and orders. However, non-operators agree to release operator from any and all losses, damages, injuries, claims and causes of action arising out of incident to or resulting directly or indirectly from operator's interpretation or application of rules, rulings, regulations or orders of the Department of Energy, Federal Energy Regulatory Commission or predecessor agencies to the extent operator's interpretation or application of such rules, rulings, regulations or orders were made in good faith. Non-operators further agree to reimburse operator for their proportionate share of any amounts operator may be required to refund, rebate or pay as a result of an incorrect interpretation or application of the above noted rules, rulings, regulations or orders, together with the non-operators' proportionate part of interest and penalties owing by operator as a result of such incorrect interpretation or application of such rules, regulations or orders.

B. GOVERNING LAW:

The essential validity of this agreement and all matters pertaining thereto, including, but not limited to, matters of performance, breach, remedies, procedures, rights, duties and interpretation or construction, shall be governed and determined by the law of the state in which the Contract Area is located. If the Contract Area is in two or more states, the law of the state where most of the land in the Contract Area is located shall govern.

ARTICLE XV
OTHER PROVISIONS

A. SUBSTITUTE WELL:

1. If, in the drilling of the Initial Well, Operator loses the hole or encounters mechanical difficulties rendering it impracticable, in the opinion of Operator, to drill the well to the Objective Depth, then and in any of such events on or before sixty (60) days after completion of the Initial Well, Operator shall have the option to commence the actual drilling of another well (Substitute Well) at a lawful location of Operator's selection on the Unit Area, and prosecute the drilling of said well with due diligence and in a good and workmanlike manner to the Objective Depth. For all purposes of this agreement, the drilling of the Substitute Well shall be considered as the drilling of the Initial Well.

B. Any provision herein concerning the Initial Well shall also apply to the Substitute Well, and any provision herein excepting the Initial Well shall also except the Substitute Well.

C. Sale of Royalty Gas:

It is recognized by the parties hereto that in addition to each party's share of working interest production, such party shall have the right, subject to existing contracts, to market the royalty gas, to the extent of 1/8 of production, attributable to each lease which it contributes to the Contract Area and to receive payments due for such royalty gas produced from or allocated to such lease or leases. It is agreed that, regardless of whether each party markets or contracts for its share of gas, such party agrees to pay or cause to be paid to the royalty owners under its lease or leases the proceeds attributable to their respective royalty interests and to hold all other parties hereto harmless for its failure to do so.

D. Non-Discrimination:

In performance of its duties and obligations under this agreement, Operator agrees to comply fully with the non-discrimination provisions of Executive Order 11246, as amended, and in particular Section 201(1)to(7), inclusive, of said Executive Order 11246. The Equal Opportunity clause as required by Executive Order 11246 is attached hereto as Exhibit "F" and is a part of this agreement the same as if written into the body hereof. Operator shall also abide by the requirements of Executive Order 11701, Veteran's Employment Provision, which order is incorporated herein by reference.

E. Article VII.G. Addition

If the Operator is required hereunder to pay ad valorem taxes based in whole or in part upon seperate valuations of each party's working interest, then notwithstanding anything to the contrary herein, charges to the joint account shall be made and paid by the parties hereto in accordance with the percentage of tax value generated by each party's working interest. If any part of the contribution of a working interest owner is nontaxable such working interest owner shall so notify Operator prior to the rendition date.

F. Metering of Production (Operations by Less than All Parties):

If a diversity of working interest ownership in production from a lease subject to this agreement occurs as a result of operations by less than all parties under Article VI.B.2. herein, it is agreed that the oil and other liquid hydrocarbons produced from the well or wells completed by Consenting Parties shall be separately measured by standard metering equipment to be properly tested periodically for accuracy, and the setting of a separate tank battery will be required only when the purchaser of production from the lease, or a governmental or other regulatory body having proper jurisdiction, will not approve metering as the method for seperately measuring the production.

G. BENEFICIAL INTERESTS

Exhibits "A" and "A-1" attached hereto show present percentage ownership, burdens, net revenue interest, and beneficial interests in the Contract Area; and the interests contributed, percentage share of costs and production from Initial Well, and percentage share of costs and production from Initial Well and subsequent wells. The beneficial interest of the respective parties has been determined in the Contract Area as to each party on an adjusted surface acreage basis. The adjustment in surface area has been made by determining a percentage of total production from or allocated to any tract which is required to meet all royalty, overriding royalty, production payment or other obligations payable out of production on such tract, and multiplying that percentage by the number of acres contained in such tract and deducting the product from the total number of acres in said tract, the remainder being the adjusted surface acreage for such tract. The beneficial interest of each party represents the sum of the net acre

interest of each party in all tracts in the Contract Area divided by the total number of net acres committed to the Contract Area. The exhibits have been prepared on the basis of a flat 12.5% royalty on each lease. In the event royalty on any lease shall exceed 12.5%, or in the event any production payment on any oil and gas interest committed to this agreement shall be liquidated, or in the event of an error in preparing the exhibits, there shall be a readjustment of the adjusted surface acres on the basis set forth above and the interests of the parties recomputed on the basis of the revised adjusted surface acreage. If any oil and gas leasehold interest committed to this agreement hereafter becomes burdened by any additional overriding royalties, obligations payable out of production or like obligations other than those shown on Exhibit "A-3" attached hereto, the burden thereof shall be borne exclusively by the party or parties who create such additional obligation.

H. Operations To Maintain Contract Area:

Notwithstanding any other provisions herein, if during the term of this agreement, a well is required to be drilled, deepened, reworked, plugged back, sidetracked, or recompleted, or any other operation that may be required in order to (1) continue a lease or leases in force and effect, or (2) maintain a unitized area or any portion thereof in force and effect, or (3) earn or preserve an interest in and to oil and/or gas and other minerals which may be owned by a third party or which, failing in such operation, may revert to a third party, or, (4) comply with an order issued by a regulatory body having jurisdiction in the premises, failing in which certain rights would terminate, the following shall apply. Should less than all of the parties hereto elect to participate and pay their proportionate part of the costs to be incurred in such operation, those parties desiring to participate shall have the right to do so at their sole cost, risk, and expense. Promptly following the conclusion of such operation, each of those parties not participating agree to execute and deliver an appropriate assignment to the total interest of each non-participating party in and to the lease, leases, or rights which would have terminated or which otherwise may have been preserved by virtue of such operation and in the drilling unit upon which the well was drilled excepting, however, wells theretofore completed and capable of producing in paying quantities. Such assignment shall be delivered to the participating parties in the proportion that they bore the expense attributable to the non-participating parties interest.

EXHIBIT "A"

ATTACHED TO AND MADE A PART OF THE OPERATING AGREEMENT
DATED AUGUST 24, 1984
BETWEEN HARVEY E. YATES COMPANY, AS OPERATOR
AND THE OTHER PARTIES SIGNATORY HERETO AS NON-OPERATORS

---

1. LANDS SUBJECT TO CONTRACT:

Township 18 South, Range 31 East, N.M.P.M.

Section 11: N/2

Eddy County, New Mexico,
Containing 320.0 Acres, More or Less

2. RESTRICTIONS AS TO FORMATIONS AND DEPTH:

From the surface of the earth down to the Base of the Bone Spring formation.

3. PERCENTAGE INTERESTS OF THE PARTIES TO THIS AGREEMENT:

Working Interest Owner	Acres Contributed	Percentage Working Interest
Marathon Oil Company	160.000000	50.000000%
Spiral, Inc.	11.790000	3.684375
Explorers Petroleum Corporation	11.790000	3.684375
Fred G. Yates, Inc.	11.790000	3.684375
Yates Energy Corporation	40.038104	12.511908
Harvey E. Yates Company	81.791896	25.559967
W. T. Wynn	2.800000	0.875000
	320.000000	100.000000%

4. OIL AND GAS LEASES AND/OR OIL & GAS INTERESTS SUBJECT TO THIS AGREEMENT:

a. Oil and Gas Lease dated December 1, 1949, by and between the United States of America, as Lessor, and Hudson & Hudson, Inc., as Lessee, bearing Serial No. LC 062052, insofar as said lease covers the following lands situated in Eddy County, New Mexico:

Township 18 South, Range 31 East, N.M.P.M.

Section 11: NE/4

Containing 160.0 acres, more or less.

b. Oil and Gas Lease dated November 1, 1981, by and between the United States of America, as Lessor, and Marathon Oil Company, as Lessee, bearing Serial No. LC 029388, insofar as said lease covers the following lands situated in Eddy County, New Mexico:

Township 18 South, Range 31 East, N.M.P.M.

Section 11: NW/4

Containing 160.0 acres, more or less.

5. ADDRESSES OF PARTIES FOR NOTICE PURPOSES:

a. Marathon Oil Company
P. O. Box 552
Midland, Texas 79702

5. ADDDRESSES OF PARTIES FOR NOTICE PURPOSES: (Continued)

b. W. T. Wynn
1603 West Dengar
Midland, Texas 79702

c. Fred G. Yates, Inc.
Yates Energy Corporation
Suite 919, SunWest Centre
500 North Main
Roswell, New Mexico 88201

d. Spiral, Inc.
Explorers Petroleum Corporation
P. O. Box 1933
Roswell, New Mexico 88201

e. Harvey E. Yates Company
P. O. Box 1933
Roswell, New Mexico 88201

EXHIBIT "A-1"
CALCULATION OF OWNERSHIP
AND BENEFICIAL INTEREST
HUDSON-FEDERAL NO. 1 WELL
Township 18 South, Range 31 East, N.M.P.M.
Section 11: N/2
Eddy County, New Mexico
320.0 Acres

Owner	Lease Number	Net Acres Each Owner	Ownership In Well And Contract Area	Burden Rate-Royalty & Overriding Royalty	Revenue Interest	Beneficial Acres Each Owner	Beneficial Interest In Contract Area (& Well) Each Owner
Marathon Oil Company	1	160.000000	.50000000	.12500000	.87500000	140.000000	.53846154
Spiral, Inc.	2	11.790000	.03684375	.25000000	.75000000	8.425000	.03400962
Explorers Petroleum Corp.	2	11.790000	.03684375	.25000000	.75000000	8.425000	.03400962
Fred G. Yates, Inc.	2	11.790000	.03684375	.25000000	.75000000	8.425000	.03400962
Yates Energy Corporation	2	40.038104	.12511908	.25000000	.75000000	30.028578	.11549453
Harvey E. Yates Company	2	81.791896	.25559968	.25000000	.75000000	61.343922	.23593816
W. T. Wynn	2	2.800000	.00875000	.25000000	.75000000	2.100000	.00807692
		320.000000	1.00000000			260.000000	1.00000000

COPAS — 1974
Recommended by the Council of Petroleum Accountants Societies of North America

KeyPetro 601, Box 800 Tulsa, Ok 74101

REVISED SEPTEMBER 20, 1984

COPAS

EXHIBIT "C"

Attached to and made a part of Joint Operating Agreement dated August 24, 1984, by and between HARVEY E. YATES COMPANY, as Operator, and the Other Parties Signatory Hereto as Non-Operators. N/2 Sec. 11, T-18S, R-31E, N.M.P.M.

ACCOUNTING PROCEDURE
JOINT OPERATIONS

I. GENERAL PROVISIONS

1. Definitions

"Joint Property" shall mean the real and personal property subject to the agreement to which this Accounting Procedure is attached.

"Joint Operations" shall mean all operations necessary or proper for the development, operation, protection and maintenance of the Joint Property.

"Joint Account" shall mean the account showing the charges paid and credits received in the conduct of the Joint Operations and which are to be shared by the Parties.

"Operator" shall mean the party designated to conduct the Joint Operations.

"Non-Operators" shall mean the parties to this agreement other than the Operator.

"Parties" shall mean Operator and Non-Operators.

"First Level Supervisors" shall mean those employees whose primary function in Joint Operations is the direct supervision of other employees and/or contract labor directly employed on the Joint Property in a field operating capacity.

"Technical Employees" shall mean those employees having special and specific engineering, geological or other professional skills, and whose primary function in Joint Operations is the handling of specific operating conditions and problems for the benefit of the Joint Property.

"Personal Expenses" shall mean travel and other reasonable reimbursable expenses of Operator's employees.

"Material" shall mean personal property, equipment or supplies acquired or held for use on the Joint Property.

"Controllable Material" shall mean Material which at the time is so classified in the Material Classification Manual as most recently recommended by the Council of Petroleum Accountants Societies of North America.

2. Statement and Billings

Operator shall bill Non-Operators on or before the last day of each month for their proportionate share of the Joint Account for the preceding month. Such bills will be accompanied by statements which identify the authority for expenditure, lease or facility, and all charges and credits, summarized by appropriate classifications of investment and expense except that items of Controllable Material and unusual charges and credits shall be separately identified and fully described in detail.

3. Advances and Payments by Non-Operators

Unless otherwise provided for in the agreement, the Operator may require the Non-Operators to advance their share of estimated cash outlay for the succeeding month's operation. Operator shall adjust each monthly billing to reflect advances received from the Non-Operators.

Each Non-Operator shall pay its proportion of all bills within thirty (30) days after receipt. If payment is not made within such time, the unpaid balance shall bear interest daily at the annual rate of two per cent (2%) above the prime interest rate charged by the Chase Manhattan Bank of New York, New York, plus attorney's fees, court costs, and other costs in connection with the collection of unpaid amounts.

4. Adjustments

Payment of any such bills shall not prejudice the right of any Non-Operator to protest or question the correctness thereof; provided, however, all bills and statements rendered to Non-Operators by Operator during any calendar year shall conclusively be presumed to be true and correct after twenty-four (24) months following the end of any such calendar year, unless within the said twenty-four (24) month period a Non-Operator takes written exception thereto and makes claim on Operator for adjustment. No adjustment favorable to Operator shall be made unless it is made within the same prescribed period. The provisions of this paragraph shall not prevent adjustments resulting from a physical inventory of Controllable Material as provided for in Section V.

5. Audits

A. Non-Operator, upon notice in writing to Operator and all other Non-Operators, shall have the right to audit Operator's accounts and records relating to the Joint Account for any calendar year within the twenty-four (24) month period following the end of such calendar year; provided, however, the making of an audit shall not extend the time for the taking of written exception to and the adjustments of accounts as provided for in Paragraph 4 of this Section I. Where there are two or more Non-Operators, the Non-Operators shall make every reasonable effort to conduct joint or simultaneous audits in a manner which will result in a minimum of inconvenience to the Operator. Operator shall bear no portion of the Non-Operators' audit cost incurred under this paragraph unless agreed to by the Operator.

6. Approval by Non-Operators

Where an approval or other agreement of the Parties or Non-Operators is expressly required under other sections of this Accounting Procedure and if the agreement to which this Accounting Procedure is attached contains no contrary provisions in regard thereto, Operator shall notify all Non-Operators of the Operator's proposal, and the agreement or approval of a majority in interest of the Non-Operators shall be controlling on all Non-Operators.

II. DIRECT CHARGES

Operator shall charge the Joint Account with the following items:

1. **Rentals and Royalties**

   Lease rentals and royalties paid by Operator for the Joint Operations.

2. **Labor**

   A. (1) Salaries and wages of Operator's field employees directly employed on the Joint Property in the conduct of Joint Operations.

   (2) Salaries of First Level Supervisors in the field.

   (3) Salaries and wages of Technical Employees directly employed on the Joint Property if such charges are excluded from the Overhead rates.

   B. Operator's cost of holiday, vacation, sickness and disability benefits and other customary allowances paid to employees whose salaries and wages are chargeable to the Joint Account under Paragraph 2A of this Section II. Such costs under this Paragraph 2B may be charged on a "when and as paid basis" or by "percentage assessment" on the amount of salaries and wages chargeable to the Joint Account under Paragraph 2A of this Section II. If percentage assessment is used, the rate shall be based on the Operator's cost experience.

   C. Expenditures or contributions made pursuant to assessments imposed by governmental authority which are applicable to Operator's costs chargeable to the Joint Account under Paragraphs 2A and 2B of this Section II.

   D. Personal Expenses of those employees whose salaries and wages are chargeable to the Joint Account under Paragraph 2A of this Section II.

3. **Employee Benefits**

   Operator's current costs of established plans for employees' group life insurance, hospitalization, pension, retirement, stock purchase, thrift, bonus, and other benefit plans of a like nature, applicable to Operator's labor cost chargeable to the Joint Account under Paragraphs 2A and 2B of this Section II shall be Operator's actual cost not to exceed the per cent most recently recommended by the Council of Petroleum Accountants Societies of North America.

4. **Material**

   Material purchased or furnished by Operator for use on the Joint Property as provided under Section IV. Only such Material shall be purchased for or transferred to the Joint Property as may be required for immediate use and is reasonably practical and consistent with efficient and economical operations. The accumulation of surplus stocks shall be avoided.

5. **Transportation**

   Transportation of employees and Material necessary for the Joint Operations but subject to the following limitations:

   A. If Material is moved to the Joint Property from the Operator's warehouse or other properties, no charge shall be made to the Joint Account for a distance greater than the distance from the nearest reliable supply store, recognized barge terminal, or railway receiving point where like material is normally available, unless agreed to by the Parties.

   B. If surplus Material is moved to Operator's warehouse or other storage point, no charge shall be made to the Joint Account for a distance greater than the distance to the nearest reliable supply store, recognized barge terminal, or railway receiving point unless agreed to by the Parties. No charge shall be made to the Joint Account for moving Material to other properties belonging to Operator, unless agreed to by the Parties.

   C. In the application of Subparagraphs A and B above, there shall be no equalization of actual gross trucking cost of $200 or less excluding accessorial charges.

6. **Services**

   The cost of contract services, equipment and utilities provided by outside sources, except services excluded by Paragraph 9 of Section II and Paragraph 1. ii of Section III. The cost of professional consultant services and contract services of technical personnel directly engaged on the Joint Property if such charges are excluded from the Overhead rates. The cost of professional consultant services or contract services of technical personnel not directly engaged on the Joint Property shall not be charged to the Joint Account unless previously agreed to by the Parties.

7. **Equipment and Facilities Furnished by Operator**

   A. Operator shall charge the Joint Account for use of Operator owned equipment and facilities at rates commensurate with costs of ownership and operation. Such rates shall include costs of maintenance, repairs, other operating expense, insurance, taxes, depreciation, and interest on investment not to exceed eight per cent (8%) per annum. Such rates shall not exceed average commercial rates currently prevailing in the immediate area of the Joint Property.

   B.. In lieu of charges in Paragraph 7A above, Operator may elect to use average commercial rates prevailing in the immediate area of the Joint Property less 20%. For automotive equipment, Operator may elect to use rates published by the Petroleum Motor Transport Association.

8. **Damages and Losses to Joint Property**

   All costs or expenses necessary for the repair or replacement of Joint Property made necessary because of damages or losses incurred by fire, flood, storm, theft, accident, or other cause, except those resulting from Operator's gross negligence or willful misconduct. Operator shall furnish Non-Operator written notice of damages or losses incurred as soon as practicable after a report thereof has been received by Operator.

9. **Legal Expense**

A. Expense of handling, investigating and settling litigation or claims, discharging of liens, payment of judgments and amounts paid for settlement of claims incurred in or resulting from operations under the agreement or necessary to protect or recover the Joint Property, except that no charge for services of Operator's legal staff or fees or expense of outside attorneys shall be made unless previously agreed to by the Parties. All other legal expense is considered to be covered by the overhead provisions of Section III unless otherwise agreed to by the Parties, except as provided in Section I, Paragraph 3.

B. Expenses incurred by Operator in representing the Joint Property at hearings or proceedings before state or federal regulatory or administrative agencies.

10. **Taxes**

All taxes of every kind and nature assessed or levied upon or in connection with the Joint Property, the operation thereof, or the production therefrom, and which taxes have been paid by the Operator for the benefit of the Parties.

11. **Insurance**

Net premiums paid for insurance required to be carried for the Joint Operations for the protection of the Parties. In the event Joint Operations are conducted in a state in which Operator may act as self-insurer for Workmen's Compensation and/or Employers Liability under the respective state's laws, Operator may, at its election, include the risk under its self-insurance program and in that event, Operator shall include a charge at Operator's cost not to exceed manual rates.

12. **Other Expenditures**

Any other expenditure not covered or dealt with in the foregoing provisions of this Section II, or in Section III, and which is incurred by the Operator in the necessary and proper conduct of the Joint Operations.

III. OVERHEAD

1. **Overhead - Drilling and Producing Operations**

i. As compensation for administrative, supervision, office services and warehousing costs, Operator shall charge drilling and producing operations on either:

(X) Fixed Rate Basis, Paragraph 1A, or
( ) Percentage Basis, Paragraph 1B.

Unless otherwise agreed to by the Parties, such charge shall be in lieu of costs and expenses of all offices and salaries or wages plus applicable burdens and expenses of all personnel, except those directly chargeable under Paragraph 2A, Section II. The cost and expense of services from outside sources in connection with matters of taxation, traffic, accounting or matters before or involving governmental agencies shall be considered as included in the Overhead rates provided for in the above selected Paragraph of this Section III unless such cost and expense are agreed to by the Parties as a direct charge to the Joint Account.

ii. The salaries, wages and Personal Expenses of Technical Employees and/or the cost of professional consultant services and contract services of technical personnel directly employed on the Joint Property shall ( ) shall not (X) be covered by the Overhead rates.

A. Overhead - Fixed Rate Basis

(1) Operator shall charge the Joint Account at the following rates per well per month:

Drilling Well Rate $ 4350.00
Producing Well Rate $435.00

(2) Application of Overhead - Fixed Rate Basis shall be as follows:

(a) Drilling Well Rate

[1] Charges for onshore drilling wells shall begin on the date the well is spudded and terminate on the date the drilling or completion rig is released, whichever is later, except that no charge shall be made during suspension of drilling operations for fifteen (15) or more consecutive days.

[2] Charges for offshore drilling wells shall begin on the date when drilling or completion equipment arrives on location and terminate on the date the drilling or completion equipment moves off location or rig is released, whichever occurs first, except that no charge shall be made during suspension of drilling operations for fifteen (15) or more consecutive days

[3] Charges for wells undergoing any type of workover or recompletion for a period of five (5) consecutive days or more shall be made at the drilling well rate. Such charges shall be applied for the period from date workover operations, with rig, commence through date of rig release, except that no charge shall be made during suspension of operations for fifteen (15) or more consecutive days.

(b) Producing Well Rates

[1] An active well either produced or injected into for any portion of the month shall be considered as a one-well charge for the entire month.

[2] Each active completion in a multi-completed well in which production is not commingled down hole shall be considered as a one-well charge providing each completion is considered a separate well by the governing regulatory authority.

[3] An inactive gas well shut in because of overproduction or failure of purchaser to take the production shall be considered as a one-well charge providing the gas well is directly connected to a permanent sales outlet.

[4] A one-well charge may be made for the month in which plugging and abandonment operations are completed on any well.

[5] All other inactive wells (including but not limited to inactive wells covered by unit allowable, lease allowable, transferred allowable, etc.) shall not qualify for an overhead charge.

(3) The well rates shall be adjusted as of the first day of April each year following the effective date of the agreement to which this Accounting Procedure is attached. The adjustment shall be computed by multiplying the rate currently in use by the percentage increase or decrease in the average weekly earnings of Crude Petroleum and Gas Production Workers for the last calendar year compared to the calendar year preceding as shown by the index of average weekly earnings of Crude Petroleum and Gas Fields Production Workers as published by the United States Department of Labor, Bureau of Labor Statistics, or the equivalent Canadian index as published by Statistics Canada, as applicable. The adjusted rates shall be the rates currently in use, plus or minus the computed adjustment.

B. Overhead - Percentage Basis

(1) Operator shall charge the Joint Account at the following rates:

(a) Development

_____ Percent (%) of the cost of Development of the Joint Property exclusive of costs provided under Paragraph 9 of Section II and all salvage credits.

(b) Operating

_____ Percent (%) of the cost of Operating the Joint Property exclusive of costs provided under Paragraphs 1 and 9 of Section II, all salvage credits, the value of injected substances purchased for secondary recovery and all taxes and assessments which are levied, assessed and paid upon the mineral interest in and to the Joint Property.

(2) Application of Overhead - Percentage Basis shall be as follows:
For the purpose of determining charges on a percentage basis under Paragraph 1B of this Section III, development shall include all costs in connection with drilling, redrilling, deepening or any remedial operations on any or all wells involving the use of drilling crew and equipment; also, preliminary expenditures necessary in preparation for drilling and expenditures incurred in abandoning when the well is not completed as a producer, and original cost of construction or installation of fixed assets, the expansion of fixed assets and any other project clearly discernible as a fixed asset, except Major Construction as defined in Paragraph 2 of this Section III. All other costs shall be considered as Operating.

2. **Overhead - Major Construction**

To compensate Operator for overhead costs incurred in the construction and installation of fixed assets, the expansion of fixed assets, and any other project clearly discernible as a fixed asset required for the development and operation of the Joint Property, Operator shall either negotiate a rate prior to the beginning of construction, or shall charge the Joint Account for Overhead based on the following rates for any Major Construction project in excess of $ *_____:

A. *_____% of total costs if such costs are more than $ *_____ but less than $ *_____; plus

B. *_____% of total costs in excess of $ *_____ but less than $1,000,000; plus

C. *_____% of total costs in excess of $1,000,000.

Total cost shall mean the gross cost of any one project. For the purpose of this paragraph, the component parts of a single project shall not be treated separately and the cost of drilling and workover wells shall be excluded.

*to be negotiated

3. **Amendment of Rates**

The Overhead rates provided for in this Section III may be amended from time to time only by mutual agreement between the Parties hereto if, in practice, the rates are found to be insufficient or excessive.

IV. PRICING OF JOINT ACCOUNT MATERIAL PURCHASES, TRANSFERS AND DISPOSITIONS

Operator is responsible for Joint Account Material and shall make proper and timely charges and credits for all material movements affecting the Joint Property. Operator shall provide all Material for use on the Joint Property; however, at Operator's option, such Material may be supplied by the Non-Operator. Operator shall make timely disposition of idle and/or surplus Material, such disposal being made either through sale to Operator or Non-Operator, division in kind, or sale to outsiders. Operator may purchase, but shall be under no obligation to purchase, interest of Non-Operators in surplus condition A or B Material. The disposal of surplus Controllable Material not purchased by the Operator shall be agreed to by the Parties.

1. **Purchases**

Material purchased shall be charged at the price paid by Operator after deduction of all discounts received. In case of Material found to be defective or returned to vendor for any other reason, credit shall be passed to the Joint Account when adjustment has been received by the Operator.

2. **Transfers and Dispositions**

Material furnished to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator, unless otherwise agreed to by the Parties, shall be priced on the following bases exclusive of cash discounts:

A. New Material (Condition A)

(1) Tubular goods, except line pipe, shall be priced at the current new price in effect on date of movement on a maximum carload or barge load weight basis, regardless of quantity transferred, equalized to the lowest published price f.o.b. railway receiving point or recognized barge terminal nearest the Joint Property where such Material is normally available.

(2) Line Pipe

(a) Movement of less than 30,000 pounds shall be priced at the current new price, in effect at date of movement, as listed by a reliable supply store nearest the Joint Property where such Material is normally available.

(b) Movement of 30,000 pounds or more shall be priced under provisions of tubular goods pricing in Paragraph 2A (1) of this Section IV.

(3) Other Material shall be priced at the current new price, in effect at date of movement, as listed by a reliable supply store or f.o.b. railway receiving point nearest the Joint Property where such Material is normally available.

B. Good Used Material (Condition B)

Material in sound and serviceable condition and suitable for reuse without reconditioning:

(1) Material moved to the Joint Property

(a) At seventy-five percent (75%) of current new price, as determined by Paragraph 2A of this Section IV.

(2) Material moved from the Joint Property

(a) At seventy-five percent (75%) of current new price, as determined by Paragraph 2A of this Section IV, if Material was originally charged to the Joint Account as new Material, or

(b) at sixty-five percent (65%) of current new price, as determined by Paragraph 2A of this Section IV, if Material was originally charged to the Joint Account as good used Material at seventy-five percent (75%) of current new price.

The cost of reconditioning, if any, shall be absorbed by the transferring property.

C. Other Used Material (Condition C and D)

(1) Condition C

Material which is not in sound and serviceable condition and not suitable for its original function until after reconditioning shall be priced at fifty percent (50%) of current new price as determined by Paragraph 2A of this Section IV. The cost of reconditioning shall be charged to the receiving property, provided Condition C value plus cost of reconditioning does not exceed Condition B value.

(2) Condition D

All other Material, including junk, shall be priced at a value commensurate with its use or at prevailing prices. Material no longer suitable for its original purpose but usable for some other purpose, shall be priced on a basis comparable with that of items normally used for such other purpose. Operator may dispose of Condition D Material under procedures normally utilized by the Operator without prior approval of Non-Operators.

D. Obsolete Material

Material which is serviceable and usable for its original function but condition and/or value of such Material is not equivalent to that which would justify a price as provided above may be specially priced as agreed to by the Parties. Such price should result in the Joint Account being charged with the value of the service rendered by such Material.

E. Pricing Conditions

(1) Loading and unloading costs may be charged to the Joint Account at the rate of fifteen cents (15¢) per hundred weight on all tubular goods movements, in lieu of loading and unloading costs sustained, when actual hauling cost of such tubular goods are equalized under provisions of Paragraph 5 of Section II.

(2) Material involving erection costs shall be charged at applicable percentage of the current knocked-down price of new Material.

3. Premium Prices

Whenever Material is not readily obtainable at published or listed prices because of national emergencies, strikes or other unusual causes over which the Operator has no control, the Operator may charge the Joint Account for the required Material at the Operator's actual cost incurred in providing such Material, in making it suitable for use, and in moving it to the Joint Property; provided notice in writing is furnished to Non-Operators of the proposed charge prior to billing Non-Operators for such Material. Each Non-Operator shall have the right, by so electing and notifying Operator within ten days after receiving notice from Operator, to furnish in kind all or part of his share of such Material suitable for use and acceptable to Operator.

4. Warranty of Material Furnished by Operator

Operator does not warrant the Material furnished. In case of defective Material, credit shall not be passed to the Joint Account until adjustment has been received by Operator from the manufacturers or their agents.

V. INVENTORIES

The Operator shall maintain detailed records of Controllable Material.

1. Periodic Inventories, Notice and Representation

At reasonable intervals, Inventories shall be taken by Operator of the Joint Account Controllable Material. Written notice of intention to take inventory shall be given by Operator at least thirty (30) days before any inventory is to begin so that Non-Operators may be represented when any inventory is taken. Failure of Non-Operators to be represented at an inventory shall bind Non-Operators to accept the inventory taken by Operator.

2. Reconciliation and Adjustment of Inventories

Reconciliation of a physical inventory with the Joint Account shall be made, and a list of overages and shortages shall be furnished to the Non-Operators within six months following the taking of the inventory. Inventory adjustments shall be made by Operator with the Joint Account for overages and shortages, but Operator shall be held accountable only for shortages due to lack of reasonable diligence.

3. Special Inventories

Special Inventories may be taken whenever there is any sale or change of interest in the Joint Property. It shall be the duty of the party selling to notify all other Parties as quickly as possible after the transfer of interest takes place. In such cases, both the seller and the purchaser shall be governed by such inventory.

4. Expense of Conducting Periodic Inventories

The expense of conducting periodic Inventories shall not be charged to the Joint Account unless agreed to by the Parties.

EXHIBIT "D"

ATTACHED TO AND MADE A PART OF THE
OPERATING AGREEMENT DATED AUGUST 24, 1984,
BETWEEN HARVEY E. YATES COMPANY AS OPERATOR,
AND THE OTHER PARTIES SIGNATORY THERETO AS
NON-OPERATORS

N/2 Section 11, T-18S, R-31E, N.M.P.M.

At all times during the conduct of operations hereunder, Operator shall maintain in force the following insurance:

A. Workman's Compensation Insurance and Employer's Liability Insurance as required by the laws of the State in which operations are being conducted.

B. Comprehensive General Public Liability in the following:

Bodily Injury:	$200,000 each person
	$300,000 each accident
Property Damage:	$100,000 each accident
	$100,000 aggregate

C. Automobile Public Liability and Property Damage Insurance with limits of not less than $100,000 for any one person injured in any accident and not less than $300,000 for any number of persons injured in one accident, and with not less than $50,000 property damage coverage for one accident.

All premiums paid on such insurance shall be charged to the Joint Account. Except by mutual consent of the parties, no other insurance shall be maintained for the Joint Account, and all losses not covered by such insurance shall be charged to the Joint Account.

CONTRACT AREA - N/2 Section 11, T-18S, R-31E, N.M.P.M.,
HUDSON-FEDERAL #1 WELL -

EXHIBIT "E"

ATTACHED TO AND MADE A PART OF OPERATING AGREEMENT DATED AUGUST 24, 1984, BETWEEN HARVEY E. YATES COMPANY AS OPERATOR, AND MARATHON OIL COMPANY AND THE OTHER PARTIES SIGNATORY HERETO, AS NON-OPERATORS

GAS BALANCING AGREEMENT

The parties to the Operating Agreement to which this gas storage agreement is attached own the working interest in the gas rights underlying the Contract Area covered by such agreement in accordance with the percentages of participation as set forth in Exhibit "A" to the Operating Agreement.

In accordance with the terms of the Operating Agreement, each party hereto has the right to take its share of gas produced from the Contract Area and market the same. In the event any of the parties hereto is not able to market its share of gas or has contracted to sell its share of gas produced from the Contract Area to a purchaser which is unable at any time while this agreement is in effect to take the share of gas attributable to the interest of such party, the terms of this storage agreement shall automatically become effective.

During the period or periods when any party hereto has no market for its share of gas produced from the Contract Area, or its purchaser is unable to take its share of gas produced from the Contract Area, the other parties shall be entitled to produce each month one hundred percent of the allowable gas production assigned to such Contract Area by the regulatory agency having jurisdiction thereover, and shall be entitled to take and deliver to its or their purchaser all of such gas production. All parties hereto shall share in and own the liquid hydrocarbons recovered from such gas by lease equipment in accordance with their respective interests and subject to the Operating Agreement to which this gas storage agreement is attached, but the party or parties taking such gas shall own all of the gas delivered to its or their purchaser. Each party unable to market its share of the gas produced shall be credited with gas in storage equal to its share of the gas produced under this agreement, less its share of gas used in lease operations, vented or lost. The Operator will maintain a current account of the gas balance between the parties and will furnish all parties hereto monthly statements showing the total quantity of gas produced, the amount used in lease operations, vented or lost, and the total quantity of liquid hydrocarbons recovered therefrom.

At all times while gas is produced from the Contract Area, each party hereto will make settlement with the respective royalty owners to whom they are each accountable, just as if each party were taking or delivering to a purchaser its share, and its share alone. Each party hereto agrees to hold each other party harmless from any and all claims for royalty payments asserted by royalty owners to whom each party is accountable. The term "royalty owner" shall include owners of royalty, overriding royalties, production payments and similar interests.

After notice to the Operator, any party at any time may begin taking or delivering to its purchaser its share of the gas produced from the Contract Area. In addition to its share, each party, including the Operator, until it has recovered its gas in storage and balanced the gas account as to its interest, shall be entitled to take or deliver to a purchaser a volume of gas equal to its share plus fifty percent (50%) of the overproduced party or parties' share of gas produced from the Contract Area. If two or more parties are entitled to the fifty percent (50%) of the overproduced party or parties' share of gas produced, they shall divide such fifty percent (50%) in accordance with their percentage of participation in the Contract Area.

The Operator, at the request of any party, may produce the entire well stream, if necessary, for a deliverability test not to exceed seventy-two (72) hours duration required under such requesting party's gas sales contract.

The provisions of this Agreement shall be separately applicable and shall constitute a separate Agreement as to each well (or proration unit) and each reservoir to the end that production from one reservoir may not be utilized for the purpose of balancing underproduction from any other reservoirs.

Should production of gas from a well or proration unit be permanently discontinued or the well be included in a unitized area or any party assign his interest to another party at a time when the gas account is out of balance, settlement will be made between the underproduced and overproduced parties for overproduced volumes. In making such settlement, the underproduced party or parties will be paid a sum of money by the overproduced party or parties attributable to the overproduction which said overproduced party received, less applicable taxes and/or royalties theretofore paid. Such settlement shall be based upon the price received for the overproduced volumes of gas. In determining the overproduced volumes for which settlement is due, the following rule shall be used: When an underproduced party takes gas in excess of its current share of production only the volume in excess of its current share shall be treated as make-up, and this make-up volume shall be applied to reduce prior deficits in the order of accrual of such deficit.

This agreement shall become effective in accordance with its terms and shall remain in force and effect as long as the Operating Agreement to which it is attached remains in effect, and shall inure to the benefit of and be binding upon the parties hereto, their successors, legal representatives and assigns.

EXHIBIT "F"

To Operating Agreement dated AUGUST 24, 1984, , 19 84 between Harvey E. Yates Company as Operator and the Other Parties Signatory thereto as Non-Operators, Covering the N/2 Section 11, T-18S, R-31E, N.M.P.M., Eddy County, New Mexico.

I. EQUAL EMPLOYMENT OPPORTUNITY PROVISION

During the performance of this contract, the operator agrees as follows:

(1) The Operator will not discriminate against any employee or applicant for employment because of race, color, religion, national origin or sex. The Operator will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, national origin or sex. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer, recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Operator agrees to post in conspicuous places, available to employees and applicants for employment notices to be provided for the contracting officer setting forth the provision of this non-discrimination clause.

(2) The Operator will, in all solicitations or advertisements for employees placed by or on behalf of the Operator, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, national origin or sex.

(3) The Operator will send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, a notice to be provided by the agency contracting officer, advising the labor union or workers' representative of the Operator's commitments under Section 202 of Executive Order 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(4) The Operator will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevent orders of the Secretary of Labor.

(5) The Operator will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to its books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

(6) In the event of the Operator's non-compliance with the non-discrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be cancelled, terminated or suspended in whole or in part and the Operator may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(7) The Operator will include the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The Operator will take such action with respect to any subcontract or purchase order as the contracting agency may direct as a means of enforcing such provisions including sanctions for non-compliance. Provided,

however, that in the event the Operator becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the contracting agency, the Operator may request the United States to enter into such litigation to protect the interests of the United States.

Operator acknowledges that it may be required to file Standard Form 100 (EEO-1) promulgated jointly by the Office of Federal Contract Compliance, the Equal Employment Opportunity Commission and Plans for Progress with Joint Reporting Committee, Federal Depot, Jeffersonville, Indiana, within thirty (30) days of the date of contract award if such report has not been filed for the current year and otherwise comply with or file such other compliance reports as may be required under Executive Order 11246, as amended and Rules and Regulations adopted thereunder.

Operator further acknowledges that he may be required to develop a written affirmative action compliance program as required by the Rules and Regulations approved by the Secretary of Labor under authority of Executive Order 11246 and supply Non-Operators with a copy of such program if they so request.

II. CERTIFICATION OF NON-SEGREGATED FACILITIES

(1) Operator assures Non-Operators that it does not and will not maintain or provide for its employees any segregated facilities at any of its establishments, and that it does not and will not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. For this purpose, it is understood that the phrase "segregated facilities" includes facilities which are in fact segregated on a basis of race, color, religion or national origin, because of habit; local custom or otherwise. It is further understood and agreed that maintaining or providing segregated facilities for its employees or permitting its employees to perform their services at any location under its control where segregated facilities are maintained is a violation of the equal opportunity clause required by Executive Order 11246 of September 24, 1965.

(2) Operator further understands and agrees that a breach of the assurance herein contained subjects it to the provisions of the Order at 41 CFR Chapter 60 of the Secretary of Labor dated May 21, 1968, and the provisions of the equal opportunity clause enumerated in contracts between the United States of America and Non-Operators.

(3) Whoever knowingly and willfully makes any false, fictitious or fraudulent representation may be liable to criminal prosecution under 18 U.S.C. § 1001.

III. OCCUPATIONAL SAFETY AND HEALTH ACT

Operator will observe and comply with all safety and health standards promulgated by the Secretary of Labor under Section 107 of the Contract Work Hours and Standards Act, published in 29 CFR Part 1518 and adopted by the Secretary of Labor as occupational safety and health standards under the Williams-Steiger Occupational Safety and Health Act of 1970. Such safety and health standards shall apply to all subcontractors and their employees as well as to the prime contractor and its employees.

IV. VETERAN'S PREFERENCE

Operator agrees to comply with the following insofar as contracts it lets for an amount of $10,000 or more which will generate 400 or more man-days of employment (each man-day consisting of any day in which an employee performs more than one hour of work) and further agrees to include the following provision in contracts with Contractors and Subcontractors:

"CONTRACTOR AND SUBCONTRACTOR LISTING REQUIREMENT

(1) As provided by 41 CFR 50-250, the contractor agrees that all employment openings of the contractor which exist at the time of the execution of this contract and those which occur during the performance of this contract, including those not generated by the contract and including those occurring at an establishment of the contractor other than the one wherein the contract is being performed but [illegible] those of independently operated corporate affiliates, shall, to the

maximum extent feasible, be offered for listing at an appropriate local office of the State employment service system wherein the opening occurs and to provide such periodic reports to such local office regarding employment openings and hires as may be required: Provided, that this provision shall not apply to openings which the contractor fills from within the contractor's organization or are filled pursuant to a customary and traditional employer-union hiring arrangement and that listing of employment openings shall involve only the normal obligations which attach to the placing of job orders.

(2) The contractor agrees to place the above provisions in any subcontract directly under this contract."

V. CERTIFICATION OF COMPLIANCE WITH ENVIRONMENTAL LAWS

Operator agrees to comply with the Clean Air Act (42 U.S.C. § 1857) and the Federal Water Pollution Control Act (33 U.S.C. § 1251) when conducting operations involving nonexempt contracts. In all nonexempt contracts with subcontractors, Operator shall require:

(1) No facility to be utilized by Subcontractor in the performance of this contract with Operator is listed on the Environmental Protection Agency (EPA) List of Violating Facilities. See Executive Order No. 11738 of September 12, 1973, and 40 CFR § 15.20.

(2) Prompt written notification shall be given by Subcontractor to Operator of any communication indicating that any such facility is under consideration to be included on the EPA List of Violating Facilities.

(3) Subcontractor shall comply with all requirements of Section 114 of the Clean Air Act (42 U.S.C. § 1857) and Section 308 of the Federal Water Pollution Control Act (33 U.S.C. § 1251), relating to inspection, monitoring, entry, reports, and information, as well as all other requirements specified in these Sections, and all regulations and guidelines issued thereunder.

(4) The foregoing criteria and requirements shall be included in all of Subcontractor's nonexempt subcontracts, and Subcontractor shall take such action as the Government may direct as a means of enforcing such provisions. See 40 CFR § 15.4 & 5.

(5) Operator agrees to notify non-operators of any violations in the afore provisions.

VI. Operator agrees to comply with Executive Orders 11458 and 11625 regarding Minority Business Enterprises and all orders, rules, and regulations issued thereunder or amendments thereto.

VII. Operator agrees to comply with Rehabilitation Act of 1973 and all orders, rules, and regulations issued thereunder and amendments thereto.

ARTICLE XVI.
MISCELLANEOUS

This agreement shall be binding upon and shall inure to the benefit of the parties hereto and to their respective heirs, devisees, legal representatives, successors and assigns.

This instrument may be executed in any number of counterparts, each of which shall be considered an original for all purposes.

IN WITNESS WHEREOF, this agreement shall be effective as of 24th day of August, 1984.

OPERATOR

ATTEST:

R. T. Avery, Asst. Secretary

HARVEY E. YATES COMPANY

By: George M. Yates, President

NON-OPERATORS

MARATHON OIL COMPANY

By: _____

ATTEST:

_____ Secretary

YATES ENERGY CORPORATION

By: _____ President

ATTEST:

Rosemary Avery Secretary

EXPLORERS PETROLEUM CORPORATION

By: George M. Yates, President

ATTEST:

Rosemary Avery Secretary

SPIRAL, INC.

By: Harvey E. Yates, President

ATTEST:

_____ Secretary

W. T. Wynn

FRED G. YATES, INC.

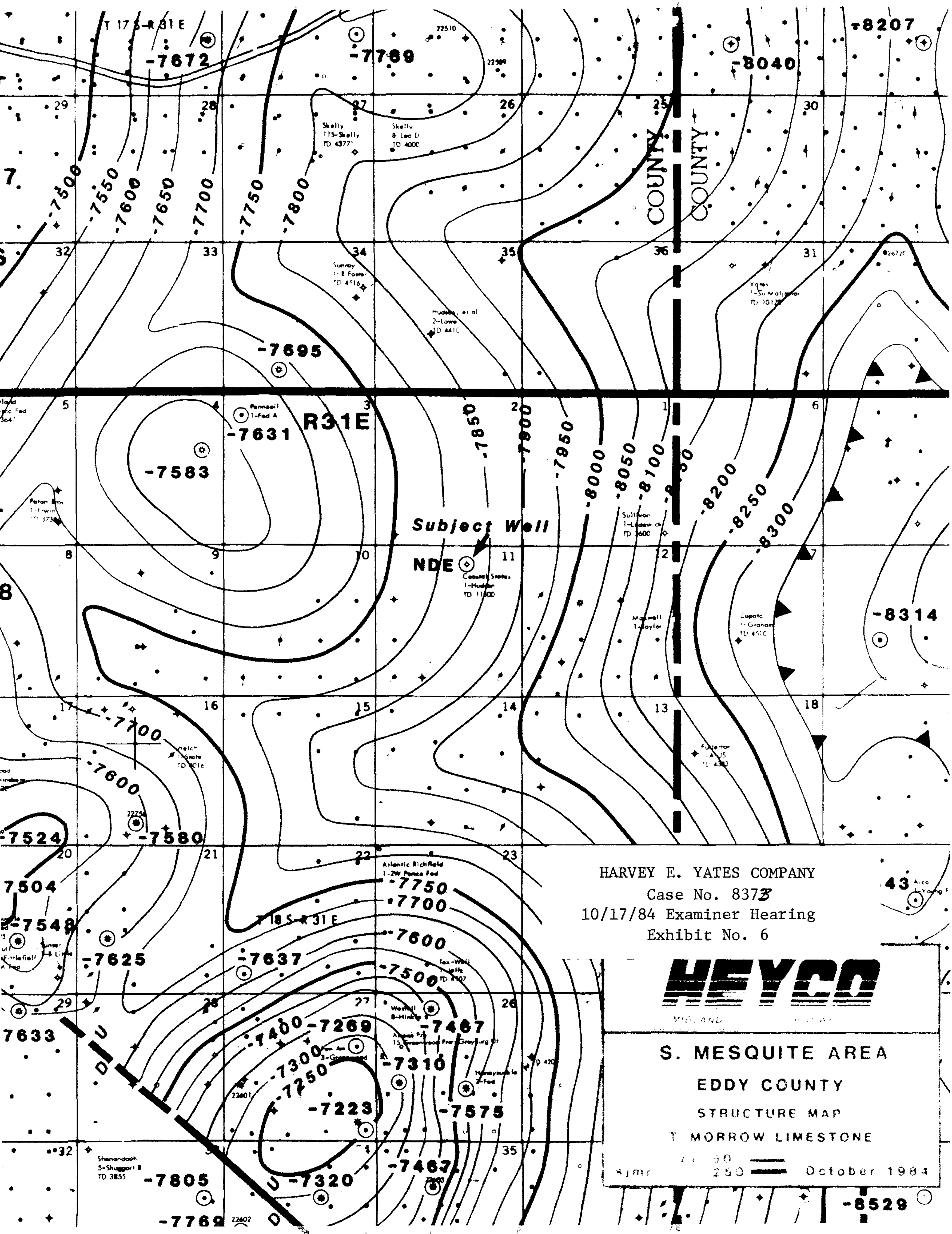
By: _____ President

Margaret Wynn

INTERESTS IN HUDSON-FEDERAL IF MORROW COMPULORY POOLED

Owner	Shallow Unit Working Interest	Deep Unit Before Any Payout (WI)	Deep Unit After Payout of Hudson FO (WI)	Deep Unit After All Payouts (WI)	Before Payout 1/2 Shallow 1/2 Deep Percentage WI
Marathon Oil Company	50.000000%	- 0 - %	- 0 - %	50.000000%	25.000000%
Spiral, Inc.	3.684375	7.368750	5,526563	1.8421880	5.5265630
Explorers Petroleum Corp.	3.684375	7.368750	5.526563	1.8421880	5.5265630
Fred G. Yates, Inc.	3.684375	7.368750	5.526563	1.8421880	5.5265630
Yates Energy Corporation	12.511908	25.023816	18.767861	6.255954	18.7678610
Harvey E. Yates Company	25.559967	51.119934	38.339950	12.779982	38.3399500
W. T. Wynn	0.875000	1.175000	1.312500	0.437500	1.1312500
Hudson & Hudson	- 0 -	- 0 -	25.000000	25.000000	- 0 -
	100.000000	100.000000	100.000000	100.000000	100.0000000

HARVEY E. YATES CO
Case No. 837
10/17/84 Examiner H
Exhibit No. 5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COUNTY
COUNTY
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115-Skelly
TD 4377
Skelly
8 Lea D
TD 4000
Sunray
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Zapata
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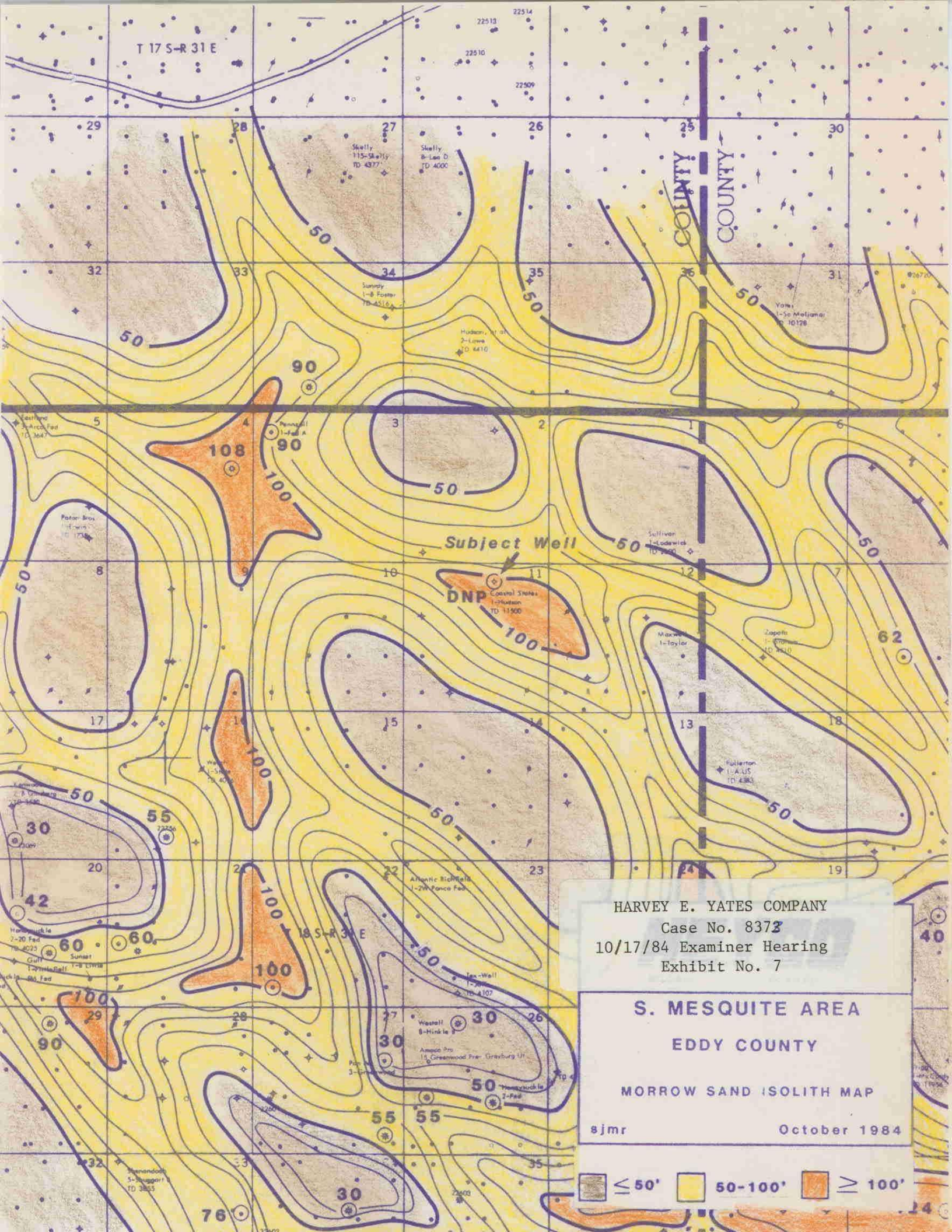
Fullerton
1-A US
43
HARVEY E. YATES COMPANY
Case No. 8373
10/17/84 Examiner Hearing
Exhibit No. 6
HEYCO
S. MESQUITE AREA
EDDY COUNTY
STRUCTURE MAP
T MORROW LIMESTONE
250
October 1984



HARVEY E. YATES COMPANY
Case No. 8372
10/17/84 Examiner Hearing
Exhibit No. 7

S. MESQUITE AREA

EDDY COUNTY

MORROW SAND ISOLITH MAP

sjmr October 1984

≤ 50' 50-100' ≥ 100'