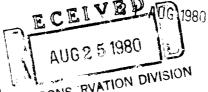


## United States Department of the Interior

GEOLOGICAL SURVEY

South Central Region P. O. Box 26124 Albuquerque, New Mexico 87125

365



Bass Enterprises Production Co. OIL CONS RVATION DIVISION Attention: Jens Hansen

Fort Worth National Bank Building

Fort Worth, Texas 76102

#### Gentlemen:

One approved copy each of your first and second amendments to your 1980 plans of development for the Big Eddy unit area, Eddy County, New Mexico are enclosed. Such plans, proposing . the change in location of two wells to test the Morrow formation, were approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

ORIGINAL SIGNED BY: Andrew H. Carpenter

for Floyd L. Stelzer - Acting Deputy Conservation Manager Oil and Gas

Enclosures

cc:

NMOCD, Santa Fe

## State of New Mexico







/ -

Commissioner of Public Lands

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Bass Enterprises Production Company Fort Worth National Bank Building

Fort Worth, Texas 76102

Re: Second Amendment to the 1980 Plan of Development Big Eddy Unit Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your Second Amendment to the 1980 Plan of Development for the Big Eddy Unit, Eddy County, New Mexico. Such plan calls for change of location on the Big Eddy # 70 Well. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Division.

Enclosed is one approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee. Also, in the future always submit three (3) copies of your Plans of Development to this office.

Very truly yours,

ALEX J. ARMIJO COMMISSIONER OF PUBLIC LANDS

BY: RAY D. GRAHAM, Director Oil and Gas Division AC 505-827-2748

AJA/RDG/s

cc:

OCD-Santa Fe, New Mexico
USGS-Roswell, New Mexico
USGS-Albuquerque, New Mexico

# OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

July 14, 1980

Bass Enterprises Production Co. Fort Worth National Bank Building Fort Worth, Texas 76102

Attention: Jens Hansen

Re: Case No. 365
Big Eddy Unit
Participating Area

Gentlemen:

We hereby approve the Morrow "D" participating area in the Big Eddy Well No. 76 located in Unit G of Section 23, Township 21 South, Range 28 East, Big Eddy Unit, Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

One approved copy of the participating area is returned herewith.

Yours very truly,

JOE D. RAMEY Director

JDR/EP/fd enc.

cc: U.S.G.S. - Roswell
Commissioner of Public Lands

# BASS ENTERPOSED (100 10N 00. FORT WORTH NATIONAL 11 ML SUILDED FORT WORTH, TEXAS 76102

May 27, 1980

United States Department of the Interior Geological Survey

P. O. Box 26124

Albuquerque, New Mexico 87125 Attention: James Sutherland

Commissioner of Public Lands P. O. Box 1148 Santa Fe, New Mexico 87501 Attention: Ray Graham

New Mexico Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501

Re: Big Eddy Well #76

Eddy County, New Mexico

LOCKE MATION UNISION

SANTA FE

Gentlemen:

In accordance with Provision #11 of the Big Eddy Unit Agreement dated April 10, 1952, we are submitting the referenced well and support data with our recommendation.

### Big Eddy #76 Well

This well was drilled at a location 1980' FNL and 1980' FEL, Section 23, T21S-R28E. The well was drilled to a total depth of 12,622' and plugged back at 12,317', perforated from 12,093'-12,307'. This well was completed in the Morrow formation and recently obtained a fracture stimulation which indicated that the well has an ultimate recovery reserve of approximately 1.2 BCF; therefore, as supported by the attached data, we have determined this well to be a commercial producer and recommend that this well receive a participating area to consist of the E/2 of Section 23, T2TS-R28E, Eddy County, New Mexico, and that such participating area be designated as the Morrow "D" participating area.

'incer

JH:ym Attachments

cc: Jim Pulliq

Divis 1811 Landm

Con Of Colo

Energy to 3 filling in Department

	BE 62	BE 77	BE 74	BE 60	BE 71	uE 76	BE 73	BE 72	BE 68	BE 66	BE 65	WELL
		MORROW	ATOKA	BONE SPRI	STRAWN	MORROW	MORROW	MORROW	MORROW	MORROW	MORROW	FORMATION
	Oil Well in Indian Flats (Delaware) Field	no production	no production	BONE SPRINGS no production	no production	967,034	1,052,684	925,505	1,026,378	1,058,080	880,505	WELL & FACILITIES INVESTMENT \$
	Flats (Del					50	0	6702	0	50	4	CUMULATIV
	aware) Fiel					57.5	16.2	97.05	55.1	89.1	43.6	CUMULATIVE 3-31-80 OIL,BBLS GAS,MMCF
	<u>n</u>									108	0	REMAINING OIL,BBLS GAS
GRO:										191,9	7.9	GAS, MMCF
GROSS INCOME =						1,200		7,000		158	ഗ	ULTIMATE OIL,BBLS GA
= \$ 2.50/MCF \$38.50/bb1						1,200		100		281.1	51.6	MATE GAS, MMCF
less less						2,376		405		552.9	100.8	NET BFIT
15.5% Royalty + 6.5% Production & Severance Tax 22.0%					paring_area_equal_to_proration_untt	P/Z= 1.2BCF Economical create partici	Produced one month; insufficient	Depleted; Currently plugging back	Produced two months; insufficient	Uneconomical-lease well	Uneconomical-lease well; will	STATUS

NET INCOME = \$ 1.95/MCF \$30.00/bbl

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# OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

July 3, 1930

Bass Enterprises Production Co. Fort Worth National Bank Building Fort Worth, Texas 76102

Attention: Jens Hansen

Re: Case No. 365
Big Eddy Unit
First Amendment to
1980 Plan of Development

Gentlemen:

We hereby approve the First Amendment to the 1930 Plan of Development for the Big Eddy Unit, Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

Two approved copies of the First Amendment are returned herewith.

Yours very truly,

JOE D. RAMEY Director

JDR/EP/fd enc.

cc: U.S.G.S. - Roswell Commissioner of Public Lands

# BASS ENTERPRISES PRODUCTION CO. FORT WORTH NATIONAL BANK BUILDING FORT WORTH, TEXAS 76102

June 6, 1980

United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands P. O. Box 1148 Santa Fe, New Mexico 87501

Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico

OIL CONS RVATION DIVISION

SANTA FE DIVISION

CONSTRUCTION OF THE DIVISION

Re: First Amendment to the 1980 Plan of Development for the Big Eddy Unit Eddy County, New Mexico

Gentlemen:

In accordance with the terms and provisions of Section 10 of the Big Eddy Unit Agreement, which specifically state that the Plan of Development may be modified when necessary to meet changing conditions, we propose the following changes to the 1980 Plan of Development for your review and approval.

Big Eddy #69 Well - On our original 1980 Plan of Development, dated December 19, 1979, this well was proposed to be drilled at a location in Section 31, T21S-R28E for a Morrow test. Due to changing conditions, we request that this well be changed from said Section 31 to a location of 1980' FNL and 1980' FWL in Section 2, T22S-R28E, Eddy County, New Mexico, for the drilling of a 12,700' Morrow test well.

If this Amended Plan of Development meets with your approval, please indicate by signing in the appropriate space provided below and return one copy of this letter to us for our records.

Jehr Hansen Division Landman

\$inceÆ⁄e∜y

JH:vm

Agreed to and accepted this goday o

Jul

1980.

Signed by:

### BASS ENTERPRISES PRODUCTION CO.

FORT WORTH NATIONAL BANK BUILDING FORT WORTH, TEXAS 76102

> June 3, 1980

> > 325 01

United States Department of the Interior

Geological Survey P. 0. Box 26124

Albuquerque, New Mexico 87125 Attention: Mr. James Sutherland

Commissioner of Public Lands P. O. Box 1148 Santa Fe, New Mexico 87501 Attention: Mr. Ray Graham

New Mexico Oil Conservation Division P. O. Box 2089 Santa Fe, New Mexico 87501

> Re: Big Eddy Wells #65 and #66 Eddy County, New Mexico

#### Gentlemen:

Under letters dated May 27, 1980, certain data was supplied with our recommendation concerning participating areas for the reference wells. It has come to our attention that an error was made in formulating this data and as a result we submit the enclosed supplement data.

If you should have any questions regarding this material,

please advise at your convenience.

Slincerel

Division Landman

JH:ds Attachments

		BE 62	BE 77	BE 74	BE 60	BE 71	BE 76	BE 73	BE 72	BE 68	BE 66	BE 65	WELL
			MORROW	ATOKA	BONE SPRINGS	STRAWN	MORROW	MORROW	MORROW	MORROW	MORROW	MORROW	FORMATION
		Oil Well in Indian Flats (Delaware) Field	no production	no production	NGS no production	no production	967,034	1,052,684	925,505	1,026,378	1,058,080	880,505	WELL & FACILITIES INVESTMENT \$
		Flats (Dela					50	0	6702	0	558 *	57 *	CUMULATIV
		aware) Field					57.5	16.2	97.05	55.1	164.0 *	103.7 *	CUMULATIVE 3-31-80 OIL,BBLS GAS,MMCF
											653	0	REMAINING OIL,BBLS GAS
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NET INCOME =	INCOME =						1,200		7,000		1211	57	ULTIMATE 01L,BBLS GA
\$ 1.95/MCF \$30.00/bb1	\$ 2.50/MCF \$38.50/bb1						1,200		100		355.8	111.6	MATE GAS, MMCF
	less l						2,376		405		730.0	219.3	NET BEIT
	15.5% Royalty + 6.5% Production & Severance Tax 22.0%					Pating_area_equal_to_proration_unit	P/Z= 1.2BCF Economical create partic	Produced one month; insufficient	Depleted; Currently plugging back	Produced two months; insufficient	Uneconomical-lease well	Uneconomical-lease well; will	STATUS

<sup>\*</sup> CUMULATIVE TO 4-31-80

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# BASS ENTERPRISES FOR MUCCHION CO. FORT WORTH NATIONAL BANK BUILDING FORT WORTH, TEXAS 76102

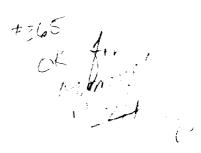
May 27, 1980

United States Department of the Interior Geological Survey P. O. Box 26124 Albuquerque, New Mexico 87125 ATtention: James Sutherland

Commissioner of Public Lands P. O. Box 1148 Santa Fe, New Mexico 87501 Attention: Ray Graham

New Mexico Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501 MAY 2 9 1980

L CCNS RVATION DIVISION SANTA FE



Re; Big Eddy Well #65

Eddy County, New Mexico

#### Gentlemen:

In accordance with Provision #11 of the Big Eddy Unit Agreement dated April 10, 1952, we are submitting the referenced well and support data with our recommendation.

### Big Eddy #65 Well

This well is located 1980' FWL and 660' FNL, Section 31, T21S-R28E. The well was drilled to a total depth of 12,108' and plugged back to 12,024', and was perforated from 11,630'-11,770'. This well was completed in the Morrow formation with an estimated ultimate recovery of 50 MMCF from that zone. Therefore, as supported by the attached evidence, we have determined this well incapable of producing in commercial quantities and recommend this well be designated as a lease well, thereby not receiving a participating area.

incere

Jens Hansen

Division Landman

JH:vm Attachments

cc: Jim Pullig

			TTV TIME	20 10 1						
WELL	FORMATION	WELL & FACILITIES INVESTMENT \$	OIL, BBLS	OIL, BBLS GAS, MMCF	REMAINING OIL, BBLS GAS	KEMAINING OIL,BBLS GAS,MMCF	ULTIMATE OIL, BBLS GA	ULTIMATE OIL, BBLS GAS, MMCF	NET BFIT INCOME, \$M	STATUS
BE 65	MORROW	MORROW 880,505	4	43.6	0	7.9	വ	51.6	100.8	Uneconomical-lease well; will
BE 66	MORROW	1,058,080	20	89.1	108	191.9	158	281.1	552.9	plug_back_to_Strawn Uneconomical-lease_well
BE 68	MORROW	1,026,378	0	55.1						Produced two months; insufficient
BE 72	MORROW	925,505	6702	97.05			7,000	100	405	data_to_evaluate
BE 73	MORROW	1,052,684	0	16.2						to another Morrow sd & dual w/Atoka Produced one month; insufficient
ار 76	MORROW	967,034	20	57.5			1,200	1,200	2,376	$\frac{data_{to}_{to}_{to}_{to}_{to}_{to}_{to}_{to}$
BE 71	STRAWN	no production								<pre>pating_area equal to proration_unft</pre>
	BONE SPRI	NGS no production								
BE 74	ATOKA	no production								
BE 77	MORROW	no production								
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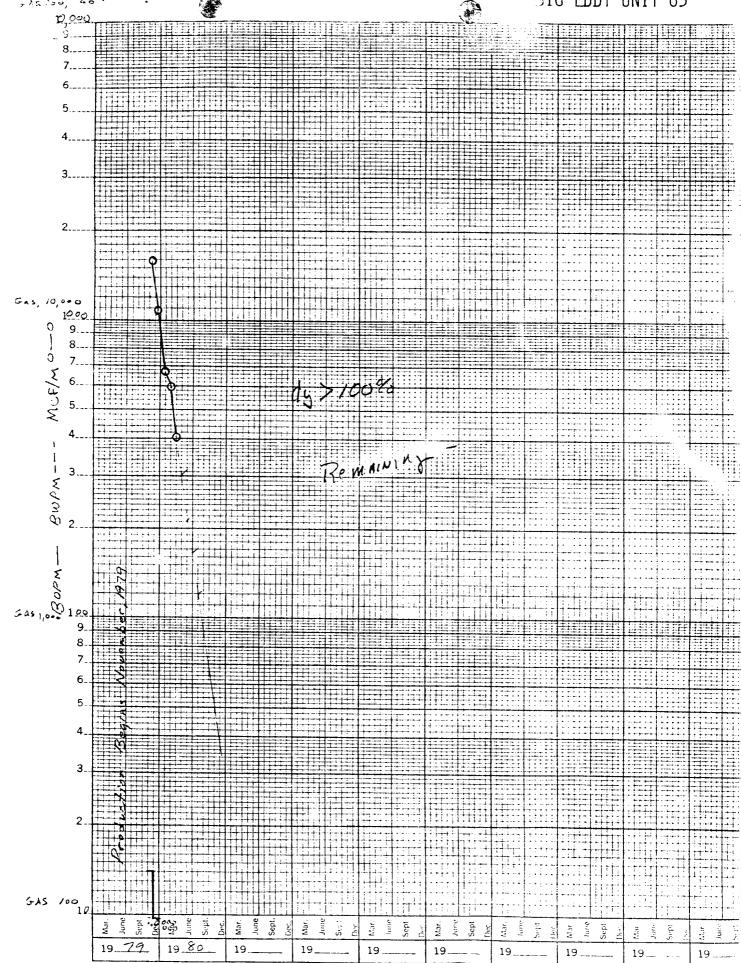
NET INCOME = \$ 1.95/MCF \$30.00/bb1

Royalty + Production & Severance Tax

15.5% 6.5% 22.0%

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GROSS INCOME = \$ 2.50/MCF \$38.50/bbl



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# BASS ENTERPRISES PRODUCTION CO. FORT WORTH NATIONAL BANK BUILDING FORT WORTH, TEXAS 76102

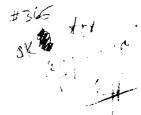
May 27, 1980

United States Department of the Interior Geological Survey P. O. Box 26124 Albuquerque, New Mexico 87125 Attention: James Sutherland

Commissioner of Public Lands P. O. Box 1148 Santa Fe, New Mexico 87501 Attention: Ray Graham

New Mexico Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501 MAY 2 9 1980

L CCNS RVATION DIVISION SANTA FE



Re: Big Eddy Well #66 Eddy County, New Mexico

#### Gentlemen:

In accordance with Provision #11 of the Big Eddy Unit Agreement dated April 10, 1952, we are submitting the referenced well and support data with our recommendation.

### Big Eddy #66 Well

The Big Eddy #66 Well was drilled at a location of 2130' FWL and 1980' FSL in Section 25, T21S-R28E, Eddy County, New Mexico. This well was drilled to a total depth of 12,705' and was perforated from 12,270'-12,480'. This well was completed in the Morrow formation with an estimated ultimate recovery of approximately 280 MMCFG. Therefore, as supported by the attached evidence, we have determined this well incapable of producing in commercial quantities and recommend this well be designated as a lease well and thereby not receiving a participating area.

Sincered

Approved

JH:vm Attachments

cc: Jim Pullig

Jens Hansen

Division Landman

Cit Concil Line CF Mins

Energy and IM Line Dispersment

		MEII & FACTITATES	CHMIII ATT	OUMIH ATTVE 2-21 00	DEMATATA	MINC	MIT III	10 17 17	++100 +110	
WELL	FORMATION	INVESTMENT \$	OIL, BBLS	OIL, BBLS GAS, MMCF	OIL, BBLS	GAS, MMCF	OIL, BBLS GA	OIL, BBLS GAS, MMCF	INCOME, \$M	STATUS
BE 65	MORROW	880,505	4	43.6	0	7.9	Ŋ	51.6	100.8	Uneconomical-lease well; will
B€ 66	MORROW	1,058,080	20	89.1	108	191.9	158	281.1	552.9	plug_back_to_Strawn Uneconomical-lease_well
BE 68	MORROW	1,026,378	0	55.1						Produced two months; insufficient
BE 72	MORROW	925,505	6702	97.05			7,000	100	405	<u>data to evaluate</u> Depleted;Currently plugging back
BE 73	MORROW	1,052,684	0	16.2						to another Morrow sd & dual w/Atoka Produced one month; insufficient
97 Ju	MORROW	967,034	90	57.5			1,200	1,200	2,376	data to evaluate
BE 71	STRAWN	no production								Pating_area_equal_to_proration_unft
BE 60	BONE SPRI	NGS no production								
BE 74	ATOKA	BE 74 ATOKA no production								
BE 77	MORROW	no production								
BE 62		Oil Well in Indian Flats (Delaware) Field	ו Flats (Del	aware) Field						

NET INCOME = \$ 1.95/MCF\$30.00/bb1

Royalty + Production & Severance Tax

15.5% 6.5% 22.0%

less less

GROSS INCOME = \$ 2.50/MCF \$38.50/bb1

	DIE EDDY HMITT	₩KK		BTY. NO	****** * *	
	BIG EDDY UNI			BTY. NO _ FIELD OIL WATE		
979	Number Producing Wells	Oil Produced Bbls.	Cumulative Oil Bbls.	Gas Produced MCF	Cumulative Gas MCF	Water Produced Bbls.
Jan.				<del> </del>		<del> </del>
Feb.			<del>                                     </del>	<del> </del>		<del> </del>
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March	-	· · · · · · · · · · · · · · · · · · ·				
April			+		<u> </u>	<del></del>
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Oct.			<del> </del>	<del> </del>		<del> </del>
Nov.	<del>                                     </del>	<u> 57</u>		21, 499		30
Dec.		0		19,205	40, 706	0
Yearly Total		57		40 706		30
980 Jan.	)	45	loz	17/000	Ce 2/2	
Feb.	<del>                                     </del>			17,607	58 313	10
March		38 50	140	14 858	73,171 89 144	25
	<del> </del>		1901	+ 13, 7/3	109,199	<del>  _ &lt; 3</del>
April	<del></del>					<del> </del>
May				<del></del>	<del> </del>	<del> </del>
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Oct.		· · · · · · · · · · · · · · · · · · ·	-		<del> </del>	<del></del>
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May	1		-	<del>- </del>	<del>}</del>	+
-June	1		<del></del>		<del> </del>	<del></del>
July		1 1 3 33			<del> </del>	
August	<del> </del>				<u> </u>	
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Nov.	<del> </del>		+		<del> </del>	+
Dec.						



## United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124 Albuquerque, New Mexico 87125

365

JAN 16 1980

Bass Enterprises Production Complete Attention: Mr. Jens Hansen Off Fort Worth National Bank Building Age Fort Worth, Texas 76102

Gentlemen:

One approved copy of your 1980 plan of development for the Big Eddy unit area, Eddy County, New Mexico, is enclosed. Such plan, proposing to drill eight wells to test the Morrow formation (Nos. 64, 69, 70, 74, 75, 78, 79, and 80), was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SGD.) JAMES W. SUTHERLAND

James W. Sutherland Oll and Gas Supervisor, SRMA

Enclosure

cc: NMOCD, Santa Fe/ Comm. Pub. Lands, Santa Fe



# OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

January 7, 1980

Bass Enterprises Production Co. Fort Worth National Bank Building Fort Worth, Texas 76102

Attention: Jens Hansen

Re: Case No. 365
Big Eddy Unit
1980 Plan of Development

#### Gentlemen:

We hereby approve the 1980 Plan of Development for the Big Eddy Unit, Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

Two approved copies of the Plan of Development are returned herewith.

Yours very truly,

JOE D. RAMEY Director

JDR/EP/fd enc.

cc: U.S.G.S. - Roswell
Commissioner of Public Lands

BASS ENTERPRISES PRODUCTION CO.

FORT WORTH NATIONAL BANK BUILDING FORT WORTH, TEXAS 76102

December 19, 1979

United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands P. O. Box 1148 Santa Fe, New Mexico 87501

Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501 365 0K for approval Eft

Re: 1980 Plan of Development

Big Eddy Unit

Eddy County, New Mexico

#### Gentlemen:

In accordance with Section 10 of the Big Eddy Unit Agreement, Perry R. Bass, Operator for said Unit, hereby submits a Plan of Development for the above captioned Unit for the year 1980.

### History of Past Development

We refer to our previous Plans of Development for a detailed description on this Unit.

### 1979 Activity

The following are the results of wells drilled prior to 1979, but as yet not reported and wells drilled and completed in 1979:

Big Eddy #63 Well - Located 990' FWL and 330' FSL, Section 35, T-21-S, R-28-E. Was drilled to a TD of 3,745' and was found to be unproductive and was plugged and abandoned on January 27, 1979.

Big Eddy #66 Well - Located 2,130' FWL and 1,980' FSL, Section 25, T-21-S, R-28-E. This well was drilled to a TD of 12,700' and was perforated from 12,270' to 12,480' and is now productive and is now producing from the Morrow formation. The well potentialed for 959 MCFD.

- Big Eddy #67 Well Located 1980' FSL and 660' FWL, Section 15, T-21-S, R-30-E. This well was drilled to the Morrow formation by William Blanks. The well was found to be unproductive in the Morrow and Atoka zones and as a result, the well was plugged and abandoned during the year 1979.
- Big Eddy #65 Well Located 1980' FWL and 660' FNL, Section 31, T-21-S, R-28-E. This well was drilled to a TD of 12,108' and was plugged back to 12,024' and was perforated from 11,630' to 11,770'. The well was potentialed for 1,573 MCFD and is now producing from the Morrow formation.
- Big Eddy #68 Well Located 1980' FSL and 1780' FWL, Section 10, T-22-S, R-28-E. This well was drilled to a TD of 12,686' and was plugged back to 12,309' with perforations from 12,270' to 12,486'. The well potential for 1,239 MCFD and is productive in the Morrow formation. The well is currently shut-in awaiting a pipeline connection.
  - Big Eddy #71 Well Located 1980' FNL and 1980' FWL, Section 7, T-22-S, R-29-E. This well was recently drilled to a TD of 1:3,060'. Casing has been set and preparations to complete the well are underway. Further results of this well will be listed on the 1981 Plan of Development.
  - Big Eddy #72 Well Located 1980' FSL and 1980' FEL, Section 3, T-21-S, R-28-E. This well was drilled to a TD of 12,332' and was plugged back to 12,290' with perforations from 12,216' to 12,232'. This well potentialed for 2,279 MCFD and is productive in the Morrow formation.
  - Big Eddy #73 Well Located 1980' FWL and 660' FNL, Section 8, T-21-S, R-29-E. The well was drilled to a TD of 12,825' and was plugged back to 12,749' with perforations at 12,595' to 12,641'. The well potentialed for 1,829 MCFD and was completed in the Morrow formation. Well is currently shut-in awaiting pipeline connection.
  - Big Eddy #76 Well Located 1980' FNL and 1980' FEL, Section 23, T-21-S, R-28-E. The well was drilled to a TD of 12,622' and was plugged back to 12,317' with perforations at 12,093' to 12,307'. The well potentialed for 1,808 MCFD and was completed in the Morrow formation. The well is currently shut-in awaiting a pipeline connection.

Big Eddy #77 Well - Located 1980' FWL and 1650' FSL, Section 9, T-22-S, R-28-E. This well is scheduled to be spudded before the end of the year 1979 and is to be drilled to a depth of 12,600' to test the Morrow formation. The results of this well will be included in the 1981 Plan of Development.

### Future Development

We plan to drill the following tests for unitized substances at the following tentative locations:

Big Eddy #64 - Section 33, T-21-S, R-28-E - 12,300' Morrow test.

Big Eddy #69 - Section 31, T-21-S, R-28-E - Morrow test.

(Big Eddy #69 was originally assigned to Bell Canyon Test drilled by Larue & Muncy but did not qualify as a Unit well.)

Big Eddy #70 - Section 30, T-21-S, R-28-E - Morrow test.

(Big Eddy #70 was originally assigned to Bell Canyon Test drilled by Larue & Muncy but did not qualify as a Unit well.)

Big Eddy #74 - Section 25, T-21-S, R-28-E - Morrow test.

Big Eddy #75 - Section 26, T-21-S, R-29-E - 13,400' Morrow test.

Big Eddy #78 - Section 35, T-20-S, R-30-E - 13,000' Morrow test.

Big Eddy #79 - Section 21, T-21-S, R-28-E - 12,300' Morrow test.

Big Eddy #80 - Section 3, T-21-S, R-28-E - Morrow test.

We are still attempting to secure permits for the drilling of the Rodke #3, which is located 1980' FNL and 1980' FWL, Section 27, T-20-S, R-31-E, and the Big Eddy #52, located 1980' FSL and 990' FEL, Section 27, T-20-S, R-31-E. Of the wells which have been proposed for drilling during the year 1980, all are located outside the R-111 area save and except the Big Eddy #78, which is located within a barren area.

A continuation of the review of our most recent seismic work and other data which will be received from the drilling of the above listed wells may result in other well locations or well location changes.

Page 4. December 19, 1979

### Restrictive Drilling Areas

The location for the proposed Big Eddy #78 is within a barren area inside the R-lll boundary.

### Offset Obligations

Appropriate and adequate measures will be taken to prevent drainage of unitized substances from land subject to the Big Eddy Unit Agreement, or pursuant to applicable regulations, fair and reasonable compensatory royalty will be paid as provided by the Unit Agreement.

#### Additional Development

This Plan of Development shall constitute the drilling obligations of the Unit Operator under the terms of the Big Eddy Unit Agreement for period ending December 31, 1980. However, due to problems in obtaining drilling rigs, drilling problems, etc. which may be encountered, the actual drilling of one or more of these wells may encroach into the year 1981.

### Modifications

It is understood that this Plan of Development may be modified from time to time to meet changing conditions.

#### Effective Date

This Plan of Development shall be effective January 1, 1980.

If this Plan of Development meets with your approval, please indicate by signing in the appropriate space provided below and return one copy to us for our records.

Sfincere 1/y

Jens Hansen

Division Landman

JH:ym

Agreed to and accepted this that of January

ક્જ 197<del>9</del>.

Signed by:

## State of New Mexico



ALEX J. ARMIJO COMMISSIONER



Commissioner of Public Lands
December 28, 1979

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Bass Enterprises Production Co. Fort Worth National Bank Building Fort Worth, Texas 76102 365

Re: 1980 Plan of Development Big Eddy Unit Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your 1980 Plan of Development for the Big Eddy Unit, Eddy County, New Mexico. Such plan provides for the drilling of Wells 64, 69, 70, 74, 75, 78, 79, and 80 and are attempting to secure permits for the drilling of the Rodke # 3 and the Big Eddy # 52. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Division.

Enclosed is one approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

ALEX J. ARMIJO COMMISSIONER OF PUBLIC LANDS

BY: RAY D. Graham, Director Oil and Gas Division AC 505-827-2748

AJA/RDG/s encl.

cc:

OCD-Santa Fe, New Mexico USGS-Roswell, New Mexico USGS-Albuquerque, New Mexico

## State of New Mexico







Commissioner of Public Lands
November 2, 1979

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Bass Enterprises Production Company Fort Worth National Bank Building Fort Worth, Texas 76102

> Re: Big Eddy # 44, Lease #s 4147 & 14664 Big Eddy # 53, Lease #s 4063A & 4788 Big Eddy # 54, Lease # 4788 Big Eddy Unit Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

#### Gentlemen:

As per copy of your letter to the USGS dated July 11, 1979, copy which was submitted to this office, we concur with your recomendations for the participating areas on the captioned wells. This is subject to like concurance by the United States Geological Survey and the New Mexico Oil Conservation Commission.

Well No. 44 is capable of producing unitized substances in paying quantities from the Morrow formation and the E/2 of Section 16, Township 21 South, Range 30 East, Eddy County, New Mexico, is designated as the participating area

Well No. 53 is capable of producing unitized substances in paying quantities from the Morrow formation and the E/2 of Section 8, Township 21 South, Range 28 East, Eddy County, New Mexico, is designated as the participating area.

Well No. 54 is not capable of producing unitized substances in paying quantities pursuant to Section 9 of the unit agreement and should be produced on a lease basis.

Very truly yours,

ALEX J. ARMIJO COMMISSIONER OF PUBLIC LANDS

BY: RAY D. GRAHAM, Director Oil and Gas Division AC 505-827-2748

AJA/RDG/s

cc:

OCD-Santa Fe, New Mexico ► USGS-Roswell, New Mexico

USGS-Albuquerque, New Mexico

# BASS ENTERPRISES PRODUCTION CO. FORT WORTH NATIONAL BANK BUILDING FORT WORTH, TEXAS 76102

July 11, 1979

RECENED NA 13

United States Department of Interior United States Geological Survey Post Office Box 26124
Albuquerque, New Mexico 87125

Attention: Mr. James W. Sutherland

Re: Big Eddy #44, Lease #s 4147 & 14664
Big Eddy #53, Lease #s 4063A & 4788
Big Eddy #54; Lease # 4788

Big Eddy Unit

Eddy County, New Mexico

#### Gentlemen:

In accordance with your letter dated May 30, 1979 concerning participating areas for the referenced wells, we hereby submit the following data and recommendations for the participating areas.

The Big Eddy Unit #44 has had enough production data to begin a P/Z vs. cumulative analysis. Data indicates that 1.1 BCF of gas is in place in the completed zone. Based on the heterogeneity of Morrow sands and the expected thinning of the reservoir sand, it is felt that the 320 acre proration unit is a fair representation of the productive acreage drained by the well. This well appears to be in a volumetric reservoir and should be capable of draining the entire productive acreage. In this case, we feel that the well cannot be economically offset and in this regard, please note that the Big Eddy #67 drilled by Bill Banks located in the W/2 of Section 15, Township 21 South, Range 30 East was plugged and abandoned. Consequently, we request that the E/2 of Section 16, Township 21 South, Range 30 East, Eddy County, New Mexico be designated as the participating area for the Big Eddy #44 well.

The Big Eddy Unit Well #53 was completed in the depths 11,639' through 11,647' and 11,762' through 11,815'. This well has a limited production history and at this time there is no indication of extensive reserves. The well is currently producing approximately 600 MCFD. Bass has fracture treated the well to help improve recovery and after testing and stimulating, the combined zones should produce over 1 MCFPD. At the

United States Department of Interior United States Geological Survey Page 2 July 11, 1979

present time, we do not anticipate offsetting this well, but will moniter the production history for future evaluation. Consequently, we request that the E/2 of Section 8, Township 21 South, Range 28 East, Eddy County, New Mexico, be designated as the participating area for this well.

The Big Eddy Unit Well #54 is not capable of producing unitized substances in paying quantities and as a result we request that this well be produced on a lease basis. Please advise at your earliest opportunity concerning the above recommended participating areas and if you should need additional information, please advise.

Division Landman

JH/ma

cc: Commissioner of Public Lands THIS COPY FOR

New Mexico Oil Conservation Commission

Jim Greve Jim Pullig

# OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

June 29, 1979

Bass Enterprises Production Co. Fort Worth National Bank Building Fort Worth, Texas 76102

Attention: Jens Hansen

Re: Case No. 365
Big Eddy Unit
Amended 1979 Plan
of Development

#### Gentlemen:

We hereby approve the 1979 Amended Plan of Development for the Big Eddy Unit, Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

One approved copy of the Amended Plan of Development is returned herewith.

Yours very truly,

JOE D. RAMEY Director

JDR/EP/fd enc.

cc: U.S.G.S. - Roswell Commissioner of Public Lands

# BASS ENTERPRISES PRODUCTION CO. FORT WORTH NATIONAL BANK BUILDING FORT WORTH, TEXAS 76102

June 12, 1979



United States Geological Survey Post Office Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands Post Office Box 1148 Santa Fe, New Mexico 87501

Oil Conservation Commission -Post Office Box 2088 Santa Fe, New Mexico 87501 W/W/25/20 #

365

Re: Amended 1979 Plan of Development Big Eddy Unit

Eddy County, New Mexico

#### Gentlemen:

In accordance with Section 10 of the Big Eddy Unit Agreement dated April 10, 1952 which provides for the modification or supplementing of the Big Eddy Unit Plan of Development, we hereby submit the following modifications and/or supplements to our 1979 Plan of Development for your review and approval.

THIS COPY FOR

### Modified or Supplemented Well Locations

Big Eddy #71 - NW/4 of Section 7, Township 22 South, Range 29 East - Morrow (Larue & Muncy elected not to drill their well which was assigned this number in the 1979 Plan of Development)

Big Eddy #72 - S/3 of Section 3, Township 21 South, Range 28 East - Morrow

Big Eddy #73 - NW/4 of Section 8, Township 21 South, Range 29 East - Morrow (This location as well as the original location in our Plan of Development falls within a roadless area which we understand will be returned to multiple use during the month of July)

Big Eddy #76 - NE/4 of Section 23, Township 21 South, Range 28 East - Morrow

Big Eddy # 77 - SW/4 of Section 9, Township 22 South, Range 28 East - Morrow

Page 2 June 12, 1979

In our original Plan of Development for 1979, we listed five Morrow and four Delaware wells to be drilled in the Big Eddy Unit. We are requesting your approval of a revised plan to the effect that we will drill seven Morrow wells which will be an increase in \$650,000 in well costs from the original Plan of Development and will test an additional 7,000' of borehole. Under the amended Plan, no Delaware wells will be drilled this year. Big Eddy wells #64, 74 and 75 will be carried over into next year's Plan of Development with the possibility of change in depth and/or location pending changing conditions.

In the event further modifications to the 1979 Plan of Development become necessary, additional amendments will be submitted for approval.

It is our understanding that drilling applications pending the receipt of this amended Plan of Development will be promptly processed in order that our drilling program for the Big Eddy Unit will not be unduly interrupted.

If this amended Plan of Development meets with your approval, please indicate by signing in the appropriate space provided below and retain one copy for your records. Your immediate attention will be greatly appreciated.

ncerely

Jens Hansen Division Landman

JH/ma

Agreed to and accepted this 2 nd day of

Signed:

United States Geological Survey

Post Office Drawer U

Artesia, New Mexico 88210 Attention: Mr. Ray Stalls

Jim Greve Frank Millet George Weems Jim Pullig Jack White







Commissioner of Public Lands

June 4, 1979

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Bass Enterprises Production Company Fort Worth National Bank Building Fort Worth, Texas 76102

365

Re: Lease # 4788

Big Eddy Well # 54

SW/4 Section 29

T-21-S, R-28-E

Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

We concur with your determination that unit well No. 54 in the SW/4 of Section 29, Township 21 South, Range 28 East, is not capable of producing unitized substances in paying quantities. Therefore, it is not entitled to be included in a participating area.

Very truly yours,

ALEX J. ARMIJO COMMISSIONER OF PUBLIC LANDS

BY: RAY D. GRAHAM, Director Oil and Gas Division

AJA/RDG/s

cc:

OCD-Santa Fe, New Mexico USGS-Roswell, New Mexico USGS-Albuquerque, New Mexico







Commissioner of Public Lands
June 4, 1979

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Bass Enterprises Production Company Fort Worth National Bank Building Fort Worth, Texas 76102

365

Re: Lease #4063A and 4788
Big Eddy Well # 53
SW/4NE/4 Section 8
T-21-S, R-28-E
Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

We concur with your determination that unit well No. 53 is capable of producing unitized substances in paying quantities. Therefore, the E/2 of Section 8, Township 21 South, Range 28 East, is entitled to be in a participating area.

Very truly yours,

ALEX J. ARMIJO COMMISSIONER OF PUBLIC LANDS

BY: RAY D. GRAHAM, Director Oil and Gas Division

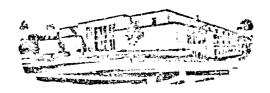
AJA/RDG/s

cc:

OCD-Santa Fe, New Mexico USGS-Roswell, New Mexico USGS-Albuquerque, New Mexico







Commissioner of Public Lands

June 4, 1979

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Bass Enterprises Production Company Fort Worth National Bank Building Fort Worth, Texas 76102

> Re: Lease #4147 and 14664 Big Eddy Well # 44 SE/4NE/4 Section 16 T-21-S, R-30-E

Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

We concur with your determination that Unit well No. 44 is capable of producing unitized substances in paying quantities. Therefore, the SE/4NE/4 Sec. 16, T. 21 S., R. 30 E., is entitled to be in a participating area.

Very truly yours,

ALEX J. ARMIJO COMMISSIONER OF PUBLIC LANDS

BY: RAY D. GRAHAM, Director Oil and Gas Division

AJA/RDG/s

cc:

OCD-Santa Fe, New Mexico USGS-Roswell, New Mexico USGS-Albuquerque, New Mexico



United States Department of the Interior V = D

GEOLOGICAL SURVEY

P. O. Bex 26124

P. O. Bex 26124 OIL CONSERVATION DIVISION

JUL 1 6 1979

Ress Enterprises Production Company Attention: Mr. Jens Hensen Fort Worth National Bank Building Fort Worth, Texas 76102

## Centlemen:

On this date, your emended 1979 plan of development and operation for the Big Eddy unit area, Eddy County, New Maxico, wherein you propose to drill seven Morrow and no Delaware wells, was approved. Such approval is subject to like approval by the appropriate State officials and one approved copy is exclosed.

Sincerely yours,

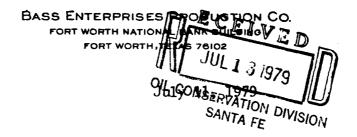
(ORIG. SGD.) GENE F. DANIEL

Wooil and Gas Supervisor, SRMA

Inclosure.

NMOCD, Santa Fe (ltr. cmly)
Com. Pub. Lands, Santa Fe (ltr. only)

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365

United States Department of Interior United States Geological Survey Post Office Box 26124 Albuquerque, New Mexico 87125

Attention: Mr. James W. Sutherland

Re: Big Eddy #44, Lease #s 4147 & 14664 Big Eddy #53, Lease #s 4063A & 4788

Big Eddy #54, Lease # 4788

Big Eddy Unit

Eddy County, New Mexico

### Gentlemen:

In accordance with your letter dated May 30, 1979 concerning participating areas for the referenced wells, we hereby submit the following data and recommendations for the participating areas.

The Big Eddy Unit #44 has had enough production data to begin a P/Z vs. cumulative analysis. Data indicates that 1.1 BCF of gas is in place in the completed zone. Based on the heterogeneity of Morrow sands and the expected thinning of the reservoir sand, it is felt that the 320 acre proration unit is a fair representation of the productive acreage drained by the well. This well appears to be in a volumetric reservoir and should be capable of draining the entire productive acreage. In this case, we feel that the well cannot be economically offset and in this regard, please note that the Big Eddy #67 drilled by Bill Banks located in the W/2 of Section 15, Township 21 South, Range 30 East was plugged and abandoned. Consequently, we request that the E/2 of Section 16, Township 21 South, Range 30 East, Eddy County, New Mexico be designated as the participating area for the Big Eddy #44 well.

The Big Eddy Unit Well #53 was completed in the depths 11,639' through 11,647' and 11,762' through 11,815'. This well has a limited production history and at this time there is no indication of extensive reserves. The well is currently producing approximately 600 MCFD. Bass has fracture treated the well to help improve recovery and after testing and stimulating, the combined zones should produce over 1 MMCFPD. At the

United States Department of Interior United States Geological Survey Page 2 July 11, 1979

present time, we do not anticipate offsetting this well, but will moniter the production history for future evaluation. Consequently, we request that the E/2 of Section 8, Township 21 South, Range 28 East, Eddy County, New Mexico, be designated as the participating area for this well.

The Big Eddy Unit Well #54 is not capable of producing unitized substances in paying quantities and as a result we request that this well be produced on a lease basis. Please advise at your earliest opportunity concerning the above recommended participating areas and if you should need additional information, please advise.

Jens Hansen

Sincerely,

Division Landman

THIS COPY FOR

JH/ma

cc: Commissioner of Public Lands

New Mexico Oil Conservation Commission 🔫

Jim Greve Jim Pullig



A conference can be arranged with the Roswell office if Yours.

Orig. Signed = JAMES W. SUTHERLAND

011 and Gas Supervisor, SRMA

cc: NMOCD, Santa Fe / Com. Pub. Lands, Santa Fe







Commissioner of Public Lands
June 20, 1979

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Bass Enterprises Production Co.

Fort Worth National Bank Building

Fort Worth, Texas 76102

Re: Amended 1979 Plan of Development

Big Eddy Unit

Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your Amended 1979 Plan of Development for the Big Eddy Unit, Eddy County, New Mexico. Your revised plan calls for the drilling of seven Morrow wells, no Delaware wells will be drilled during 1979. Big Eddy Wells # 64, 74 and 75 will be carried over into next year's plan of Development. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

Enclosed is one approved copy for your records.

Please remit a Three (\$3.00) Dollar filing fee. In the future submit three (3) copies of the plan of development to this office.

Very truly yours,

ALEX J. ARMIJO COMMISSIONER OF PUBLIC LANDS

BY:

RAY D. GRAHAM, Director Oil and Gas Division

AJA/RDG/s encl.

cc:

OCD-Santa Fe, New Mexico
USGS-Roswell, New Mexico
USGS-Albuquerque, New Mexico



## United States Department of the Inter

## GEOLOGICAL SURVEY

On CONS P. 6. Box 26124 Albuquerque, New Mexico 87125

MAY 3 0 1979

C1365

Bass Enterprises Production Company Attention: Mr. Jens Hansen Fort Worth National Bank Building Fort Worth, Texas 76102

## Gentlemen:

Your letter of October 30, 1978 indicates that as unit operator of the Big Eddy unit agreement, Eddy County, New Mexico, you have determined that unit wells No. 44 in the SELNE's sec. 16, T. 21 S., R. 30 E., and No. 53 in the SELNE's sec. 8, T. 21 S., R. 28 E., N.M.P.M., are capable of producing unitized substances in paying quantities.

Unit well No. 44 was completed on October 15, 1976, for an initial potential of 1,600 MCF/day from the Morrow interval of 13,073 - 13,082 feet. Unit well No. 53 was completed on August 16, 1977, for an initial potential of 629 MCF/day from the Morrow interval of 11,639 -11,647 feet.

Also, by subject latter, you have determined that unit well No. 54 in the SM, sec. 29, T. 21 S., R. 28 E., N.M.P.M., is not capable of producing unitized substances in paying quantities.

This office concurs with your determinations, subject to like approval by the Commissioner of Public Lands and the New Mexico Oil Conservation Division, that wells No. 44 and No. 53 are capable of producing unitized substances in paying quantities from the Morrow formation, and that unit well No. 54 is not capable of producing unitized substances in paying quantities pursuant to Section 9 of the unit agreement.

You are now requested pursuant to Section 11 of the unit agreement, to submit an application for the revision of the existing Morrow participating area if enough geological evidence can be shown to prove that it is the same reservoir as the initial participating area, or establish a separate initial participating area for the Merrow formation in wells No. 44 and No. 53 embracing those lands reasonably proven capable of producing in paying quantities, at your earliest convenience.

## OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

May 21, 1979

Bass Enterprises Production Co. Fort Worth National Bank Building Fort Worth, Texas 76102

Attention: Jens Hansen

Re: Case No. 365
Big Eddy Well No. 44
Section 16, T21S, R30E
Eddy County, New Mexico

Gentlemen:

Reference is made to your letter of April 23, 1979, concerning the Big Eddy Well No. 44.

We concur in your conclusion that this is a commercial well and approve the E/2 of Section 16, Township 21 South, Range 30 East, as a participating area.

Yours very truly,

JOE D. RAMEY Director

JDR/ELP/fd

cc: U.S.G.S. - Roswell Commissioner of Public Lands

## BASS ENTERPRISES PRODUCTION CO.

FORT WORTH NATIONAL BANK BUILDING FORT WORTH, TEXAS 76102

April 23, 1979

POSIVIO POPLAYS SENCO DIVISION SANTA FE

Commissioner of Public Lands State of New Mexico Post Office Box 1148 Santa Fe. New Mexico 87501 Attention: Mr. Ray Graham

New Mexico Oil Conservation ✓ Commission Post Office Box 2088 Santa Fe, New Mexico

United States Department of Interior Geological Survey Post Office Box 26124 Albuquerque, New Mexico 87501

Re: Lease #4147 and 14664 Big Eddy Well #44 SE/4 NE/4 Section 16 T-21-S, R-30-E Eddy County, New Mexico

## Gentlemen:

We recently drilled and completed the referenced well and have determined that this well is a <u>commercially producing well</u>. Consequently, we hereby request that the E/2 of Section 16, Township 21 South, Range 30 East, Eddy County, New Mexico be designated as the participating area for this well. We enclose well data to support our determination.

This letter is in lieu of that certain letter dated October 30, 1978, which concerned the same subject but was discovered that the Commissioner of Public Lands never received the letter and that the letter sent to the New Mexico Oil Conservation Commission was incorrect. Please advise at your earliest opportunity.

Jens Hansen Division Landman

JH/ma

Enclosures

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TABLE I

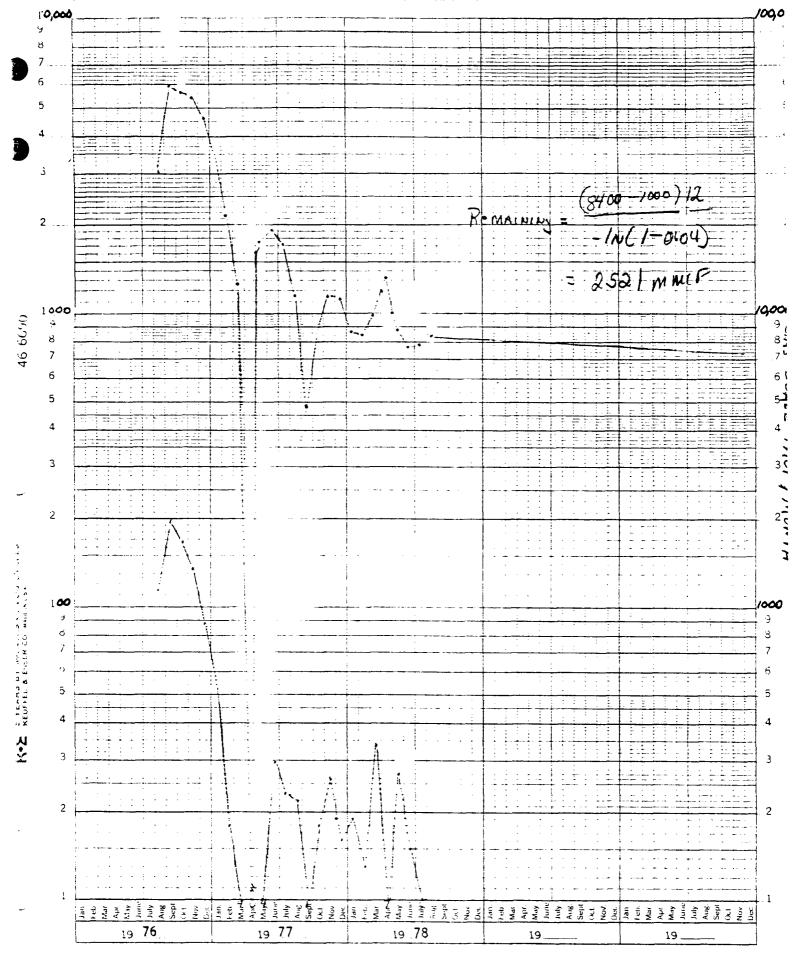
DETERMINATION OF WELL'S PROFITABILITY

	BIG EDDY #44	BIG EDDY #53	BIG EDDY #54
WELL COST	\$827,998.94	\$573,144.39	\$639,472.11
GAS PRICE, GROSS \$/MCF	1.65	1.65	1.51
ROYALTY INTEREST,%	12.5	17.5	17.5
PROD & AD VAL TX,%	7.24	6.78	8.41
GAS PRICE, NET \$/MCF	1.34	1.27	1.14
CUMMULATIVE GAS, MMCF	479	61	69
REMAINING GAS, MMCF	2521	2439	46
ULTIMATE GAS, MMCF	3000	3000	115
ULTIMATE INCOME*,		<b></b>	
GROSS	\$4,020,000	\$3,807,000	\$131,000
	COMMERCIAL	COMMERCIAL	NON-COMMERCIAL

 $<sup>\</sup>star$  Before operating expense, repayment of investment and federal income tax

## MONTHLY OIL & GAS PRODUCTION BIG EDDY UNIT WELL NO. 44 SOUTH MAROON CLIFFS MORROW GAS FIELD

	011	L, BBLS	GAS	, MCF
<u>1976</u>	BOPM	CUMMULATIVE	MCF/mo	CUMMULATIVE
August September October November December	113 199 165 134 88	113 312 477 611 699	30,370 59,249 56,604 54,009 46,236	30,870 90,119 146,723 200,732 246,968
TOTAL	699	699	246,968	246,968
1977				
January February March April May June July August September October November December	54 18 4 0 4 30 23 22 1 18 26 16	753 771 775 775 779 809 832 854 855 873 899 915	34,649 21,395 12,434 41 17,649 19,107 17,006 11,609 4,659 8,530 11,635 11,359	281,617 303,012 315,446 315,487 333,136 352,243 369,249 380,858 385,517 394,047 405,682 417,041
1978				
January February March April May June July	19 13 34 7 27 15 5	934 947 981 988 1015 1030 1035	8,627 8,579 9,894 10,319 8,786 7,609 7,764	425,668 434,247 444,141 454,460 463,246 470,855 478,619
TOTAL	120	1035	61,578	478,619



	90 x			<b>3</b> 06	PROFIT MARGIN
	13,631.25	;	;		INCOME SUBJECT TO REFUND BY FPC -MET
7,1197-	81,664.83 **		1.864	9,524.95 **	AD VALOREM TAXES - RDY -NET PRIORI YEAR NET REVENUE ADJUSTMENT - PRIORI YEAR LEASE OPERATIONS ADJ GRAND TOTAL NET LEASE INCOME
7,897-	81,664,83		1.854	9,524.95	TOTAL NET LEASE OPERATING INCOME
4,408-	8,455,91		2.045-	993.12	TOTAL BASS WET LEASE EXPENSES
1,257-	6,527.34		-66	713.51	PRODUCTION + SEVERANCE TAXES-NET AD VALOREM TAXES - NLT HAULING + PROCESSING CHARGES-HET
7,151-	1,924,52		1,946-	279.61	TOTAL BASS LEASE OPERATIONS EXPENSE
3,151-	1,92H.52 •		1,946-	279.61	TOTAL VORMAL LEASE OPERATIONS EXP MAJOR MAINTENAUCE -AFF DETAIL- MISCL EXPENSE RECOVERIES TOTAL LEASE OPERATIONS EXPENSE
					FUEL, WATER, POWER + LURRICANTS CORRUSION EXPENSES TREATING CHEMICALS LEASE SERVICE + MARINE TRANSPORT ROAD AND CANAL EXPENSE ALLOCATED SYS_+_FACILITIES EXP
1,890-	n5.94		1,770-		SERVICES NCE MATERIALS
835- 144- 150-	1.037.47 1.67.47 517.64		21-	143.92 26.09 109.60	COMPANY LABOR EMPLOYEE RENEFITS EXPENSES OF EMPLOYEES
					LEASE DPERATING EXPENSE
NOER PUDGET	ACTUAL OVER/UNDER	SINAMISORON	OVER JUNDER BUDGET	ACTUAL OVER	· 1
	VEAD TO DATE		7.4	CHRRENT MONTH	TAT 1 NORTH KIRKIT

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HAND EVIENDRINE AND OPERATION REPORT

AS DE 7/31/78

AS DE 7/31/78

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L UF AT	7/31/78	RUN DATE 8/20/78			:
DIST - NORTH KERMIT TELD - SOUTH MARUDN CLIFFS	CURRENT ACTUAL	V I	CURRENT MONTH	ACTUAL	TO DATE DVER JUNGET
104					9 9 9 9 9 9 9 9 9 9 9
GROSS 8/8 VOLUMES		į			
QF.	7,764,00	970-		61,578.00	22,036-
FOR GAS NET PRODUCTION	7.764.00	970-		61.578.00	27.036.
חוד כחמים	5,00			120.00	120
VOL LIME S	olimas en verses. De vers s' misso se defauntable manne de ammentam mafallantable de adorne es	Total de seguindament de . Le descriptementales mayoristes :	entermenterfelle entermenter daktenlegen eine erungen eine der eine Geben muss im ein Geben fersen.		A CONTRACTOR OF THE CONTRACTOR
F 0F	6,793,50	848-		53,880.77	19,279-
MCR GAS INJECTION	751 60				· ·
S DE COND	4. JA			105.03	1(12
SALES B.P.C.L			2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		,
BASS NET VOLUMES  BBLS OF CRUDE OIL  MCF: DF GAS	6,370,нв	1,27]-		62,419,89	10,741-
OF					
CRUDE OIL  CRUDE OIL			:		,
CONDENSATE 1.65 1.44 PLANT PRODUCTS	10.518.07	180-		90,120,74	12,306-
DIAL BASS GROSS REVENUE	10-518-07 *	180-		90+120-74 +	12.306-

## LEASE INCOME AND OPERATION REPORT

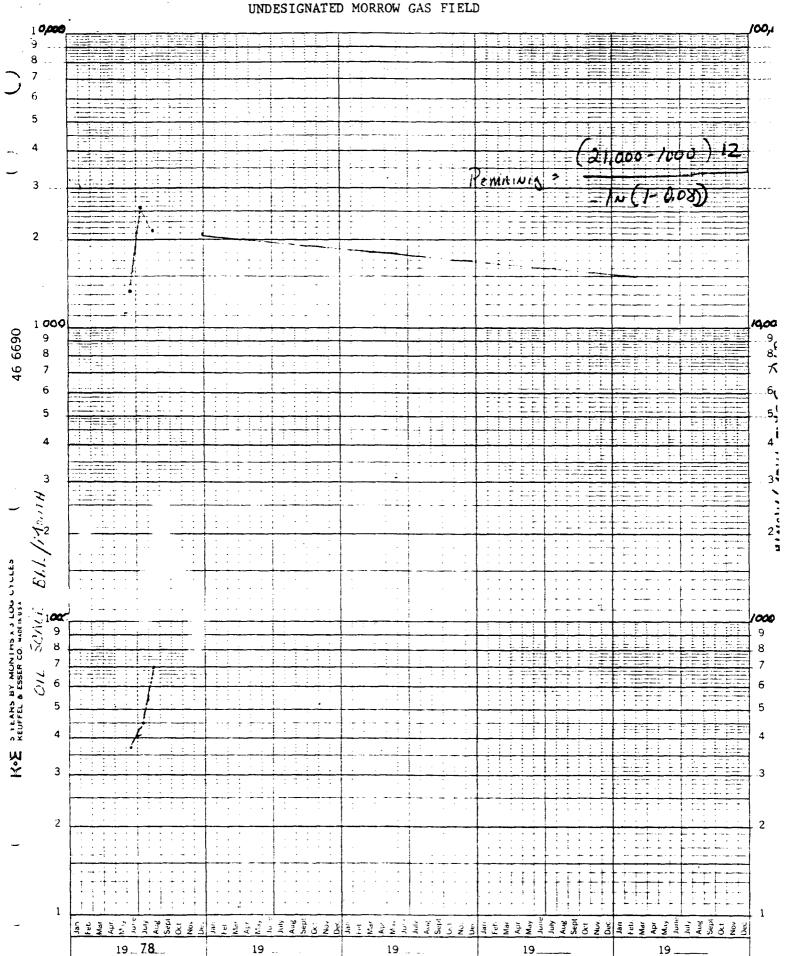
- NORTH KERMIT - SOUTH MAROON CLIFFS	ACTUAL OVER/U	NDFR BUDGET	ADJUSTMENTS	ACTUAL	10 DATE OVER/UNDER RUDGET
0331601 - 81G EDDY UNIT #44	*	WRK. INT. 1.00000000	xrv. 121 87	87500000 RHY	
ASE OPERATING EXPENSE					
OMPANY LABOR .	143.97	124-		1.037.47	836-
	109.60			617.64	150-
RVICES	4	1.770-			1.890-
SOLLING EXPENSE	e e e e e e e e e e e e e e e e e e e		1	96.55	125•
FUEL, WATER, POWER + LURRICAUTS CORROSION EXPENSES					
LEASE SERVICE + MARINE TRANSPORT ADAD AND CANAL EXPENSE					
CATED SXS +		The second secon			
TAL VORMAL LEASE OPERATIONS EXP MAJOR MAINTENANCE WAFF DETAIL- MISCL EXPENSE RECOVERIES	279.61 +	1.945-		1.924.52	* 1. 0. 12 - 3.151-
-	279.61	1,445-		1,924,52	3,151-
TOTAL BASS LEASE OPERATIONS EXPENSE	279.61	1,946-		1+928.52	3,151-
PRODUCTION + SEVERANCE TAXES-NET AD VALOREM TAXES - NET HAULING + PROCESSING CHARGES-NET	713.51	99-		6,527.39	1,257-
TOTAL BASS NET LEASE EXPENSES	993.12	2.045-		н,455,91	4,408-
TAL NET LEASE OPERATING INCOME	9,524.95	1.864		R1,664.83	7,897-
COME - N					· · · · · · · · · · · · · · · · · · ·
TAXES - ROY -		,			
AND TOTAL NET LEASE INCOME	3,524.95 *	1.864		R1+664.83	-1,897-
				12 - 11 - 18	

A S	DE 7/31/78 AND OPERATION OF 7/31/78	OPERATION REPORT			
- WEST TEXAS	CURRE	CURRENT MONTH	PROD. + RFV. CURRENT MONTH	· YEAR	In DATE
D - SUUTH MARDON C	ACTUAL	NVER JUNDER BUNGET	2	ACTUAL	OVER/UNDER BUDGET
TEASE 0331601 - BIG EDDY UNIT #44		- 1	REV. INT.	87500000 ROY	
PRODUCTION PRODUCTION PRODUCTION	MO			i	
S OF CRUDE DIL	07				
MCF GAS INJECTION	101000	1010		21.42.48.00	~~*036-
MCF GAS NET PRODUCTION	7.764.00	970-		61.579.00	- 22.036-
	5,00		!		120
BBLS OF CRUDE OIL					
7	6,793.50	848-		53,880.77	19,219-
MCF CAS NAT PRODUCTION	194 50	368		1.3.880.77	10.370
, ,	4.37	4		105.03	102
SALFS R.P.C.L		•		i :	
HALS OF CRUDE OIL					
HOF OF GAS	5+370.08	1,271-		62,419.69	10.741-
GALS OF PLANT PRODUCTS					
BASS GROSS REVENUE CUR YID					; 5 :
	10,518.07	1301		90.120.74	12,306-
TOTAL BASS GROSS REVENUE	10,518,07	* 180-		90,120.74 *	12,306-
					: .
					:

## MONTHLY OIL & GAS PRODUCTION BIG EDDY UNIT WELL NO. 53 UNDESIGNATED MORROW GAS FIELD

	011	<u>, BBLS</u>	GA	S, MCF
1978	BOPM	CUMMULATIVE	MCF/mo	CUMMULATIVE
June July August	37 45 70	37 82 152	13,215 25,939 21,503	13,215 39,154 60,657
TOTAL	152	152	60,657	60,657

## BIG EDDY UNIT WELL NO. 53



19

UTEXALED

## LEASE INCOME AND OPERATION REPORT AS DE 7/31/78 RUN DATE 8/20/78

- WEST TEXAS	7/31/78 RI	RUM DATE 8/20/78			ř
FIELD - NEW MEXICO UNDESIGNATED	ACTUAL	OVER JUNDER BUDGET	ADJUSTMENTS	ACTUAL DVER/	OVER / UNDER RUDGET
LEASE OPERATING EXPENSE					
COMPANY LABOR		183-		189.13	543-
3 E Z		33		33.98	99-
	22.77	72-		176.89	203-
CONTRACT LARDR		201		450 OO	300
Z				55.20	~5 ~5
ENSE		,		•	
FUEL + WATER + PUHT + LURRICAUTS				;	
SES					
ING CHEMICALS					
E SERVICE +					
ALLOCATED SYS + FACILITIES FXO					
		· · · · · · · · · · · · · · · · · · ·			
PFRAT	22.77 *	318-		845.20 *	-01x
WISCH SYDENSE DESCRIBED TOTALLE				24,141.41	24,740
TOTAL LEASE OPERATIONS EXPENSE	72.17	318-		25,586.61	24,221
TOTAL BASS LEASE OPERATIONS EXPENSE	22.77	318-		25,586.61	24.221
PRODUCTION + SEVERANCE TAXES-NET  AD VALUREM TAXES - NET  HAULING + PROCESSING CHARGES-NET	1.223.45	1.491-		1.223.45	14,871-
TOTAL BASS NET LEASE EXPENSES	1.246.22	1,809-		26,810.06	198,6
TOTAL NET LEASE OPERATING INCOME	16,776.98	15+889-		8,796.86=	703,048-
ROYALTY INCOME - NET OF PROD. SEV. TAXES  AD VALOREM TAXES - ROY - NET					
DR YEAR NET REVENUE		1		i	
THE TOTAL NET LEASE INCOME	16,776.98 **	15,889-		8, [86.86. **	203,098-
				25 a 2 a 2 a 2 a 2 a 2 a 2 a 2 a 2 a 2 a	
PROFIT MARGIN	93 4			HEGATIVE	

- NORTH KERMIT	CURRENT MONTH CURRENT	RTV.	<b>↑</b> † F
NUESIGNATED ACT	NOFR BUDGET	HENTS ACTUAL	OVER/UNDER HUDGET
¥()			
ROSS 8/8 VOLUMES		· · · · · · · · · · · · · · · · · · ·	
MCF: OF GAS 25,939.00	3,923-	39,154,00	137,877-
MCP: GAS_INJECTION	) ) ) ) )		4
	45	82.00	82
30 S S NET VOLUMES			
HACE DE CAS 21.399.68	236	32.302.06	113-767-
GAS INJECTION	74 E 30 T	364 3776 • 007	111
GAS	2.606	32,302,06	47,735-
n.P.C.1.			:
SASS THE VOLUMES			
BRILS OF CRUDE OIL  BRILS OF CONDENSATE  GALS OF PLANT PRODUCTS	13,713-	10,922.17	135,127
JASS GROSS REVENUE CUR YTO			•
GAS 1.65 1.65 18,023.20 CONDENSATE PLANT PRODUCTS	17,698-	18,023,20	193,748-
TAL BASS GROSS REVENUE 18.023.20	17,698-	18,023.20 +	193,748-

	88 %			7 66	PROFIT MARGIN
					INCOME SUBJECT TO REFUND BY FPC -NET
178,358-	15,954.55 **		15.839-	16,776.98 **	
•					VENUE A
					VALITY INCOME - NET OF
178,358-	15,954.55		15,839-	16,776.98	TOTAL NET LEASE OPERATING INCHAE
15,389-	2,068.65		1,809-	1.246.22	TOTAL BASS NET LEASE EXPENSES
					HAULING + PRUCESSING CHARGES-NET
14,871-	1,223.45		14401-	1+223-45	+ SEVE
519-	845.20		316-	22.77	TOTAL BASS LEASE OPERATIONS EXPENSE
519-	845.20	ŧ	9 LB +	22.11	TOTAL LEASE OPERATIONS EXPENSE
-1.19	845.2n +		31	22.77 +	MAJOR MAINTENANCE -AFE DETAIL-
or one of the					
			;		ROAD AND CANAL EXPENSE
				:	
					PULLING EXPENSE
300 25	390.00		20- 19-		MAINTENANCE MATERIALS + SUPPLIES
203-	176.89		72-	22.17	CONTRACT LARGE
99-	189 <b>.13</b>		33.		E REV
1	Commission delicaria in commission delicaria commission della commission della commissione della commi				1
	82500000 RUY	RFV. 1117	WRK. 1 NT. 1. 00000000		LEASE 0333001 - BIG EDDY WIT #53
Ş		VOUNTHEULS	NOER		FIELD - NEW MEXICO UNDESIGNATED
n nate	-	CURRENT MONTH	FONTH	CURRENT	

The state of the s

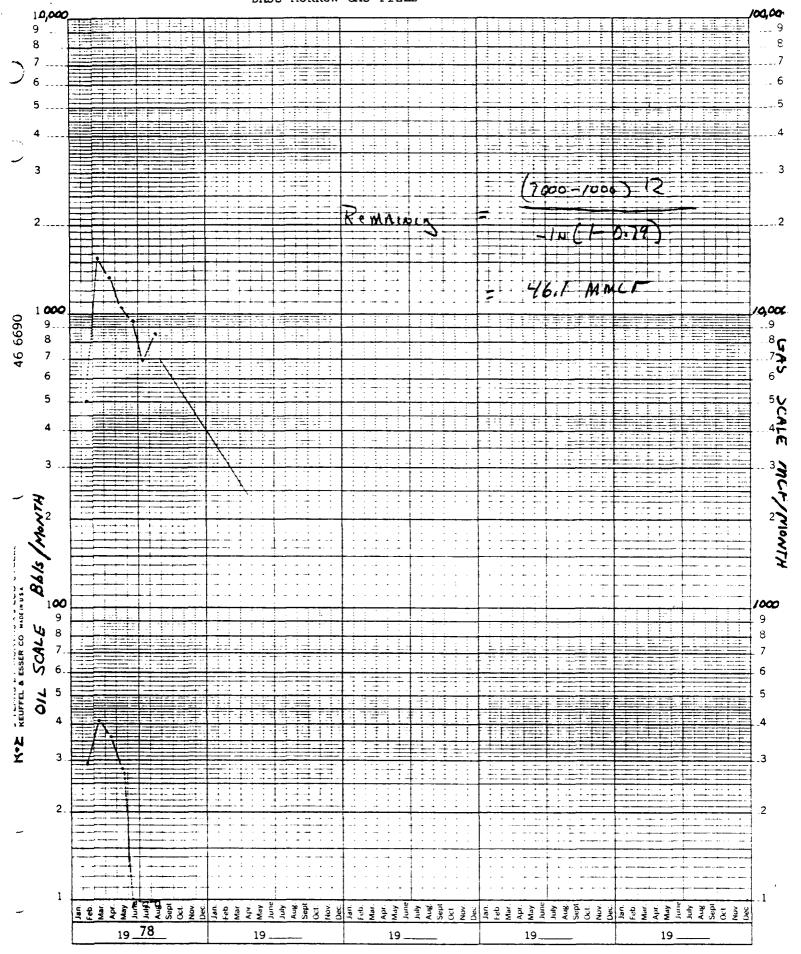
8/20/78	RUN DATE	AS OF 7/31/78 RUN DATE 8/20/78	<u> </u>
REPURT	AND DPERATION	LEASE INCOME	
	The second second		£

PIELD - NEW MEXICO UNDESIGNATED	ACTUAL OVER/U	MONTH OVER/UNDER BUDGET	CURRENT MUNTH AUJUSTMENTS	ACTUAL	TO DATE
LEASE 0333001 - BIG EDDY UNIT #53	URX. INT. I	WRK. INT. 1.0000000	RFV.INT.	82500000 ROY	i i
PRODUCTION MO		-	:		
S OF CRUDE OIL	25,939.00	3,973.		39,154.00	137.877-
GAS				4	
GAS	25,939,00	3,923-		39.154.00 82.00	137,877-
BASS NET VOLUMES					
	21, 399, 68	3,235-		32.302.06	117,747-
$ \circ$ $\circ$ $\circ$	71,399,6P	3.236-		32,392.06	68,440-
BHLS OF CONDENSAIR	37.13	/ k	and the second of the second o	67.66	19
SALES B.P.C.L					:
BASS NET VOLUMES				:	
OF CONDEN	13,922.17	13,713-		10,922.17	135,127-
BASS GROSS REVENUE CUR YTO					
CRUDE DIL 1.65 1.65	18,023,20	17,678-		18,023,20	193,748-
PLANT PRODUCTS					
TOTAL BASS GROSS REVENUE	18,023,20 +	17,698-		18,023.20 +	193,748-

## MONTHLY OIL & GAS PRODUCTION BIG EDDY UNIT WELL NO. 54 BASS MORROW GAS FIELD

	01	L, BBLS	GA	S, MCF
1978	BOPM	CUMMULATIVE	MCF/mo	CUMMULATIVE
February March April May June July August	29 41 36 28 1 0	29 70 106 134 135 135	5,018 15,408 13,288 10,518 9,540 6,972 8,484	5,018 20,426 33,714 44,232 53,772 60,744 69,228
TOTAL	135	135	69,228	69,228

MONTHLY OIL AND GAS PRODUCTION BIG EDDY UNIT WELL NO. 54 BASS MORROW GAS FIELD



# LEASE INCOME AND OPERATION REPORT AS OF 7/31/78 RUN DATE BASONT

- 0 MOPTH KERMIT BASS MORROW HEST TEXAS ACTUAL CURRENT MONTH OVER/UNDER BUDGET PROD. + REV. CURRENT MONTH VIDANISHEMIS

414,65	54,455-	60,834.45 **	EVENUE OPERA
	:		AD VALOREM TAXES - ROY -NET
414.6	54+455-	60,834.45	TOTAL NET LEASE OPERATING INCOME
55,0	5,076-	5,614.31	TOTAL BASS NET LEASE EXPENSES
39,5	4,133-	5,440,83	PRODUCTION + SEVERANCE TAXES-NET AD VALOPEM TAXES - NET HAULING + PRUCESSING CHARGES-NET
15.4	942-	173.48	TOTAL BASS LEASE OPERATIONS EXPENSE
18+:	-011.1	208.19	TOTAL LEASE OPERATIONS EXPENSE
2,	1.110-	209.19 *	ATED AREA E DRMAL LEASE MAINTENAMO
The same of the sa		THE REAL PROPERTY AND THE PROPERTY OF THE PROP	ALLOCATED SYS + FACILITIES EXP
			SERVICE +
	1.1.		MAINTENANCE MATERIALS + SUPPLIES
	201		CONTRACT CONTRACT
	105- 258-	22.50 61.27	TATEL DE BENEFITS
And the state of t	515-	124.42	COMPANY LABOR
:			EASE OPERATING EXPENSE
中 日本	\$ 1		

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INCOME SUBJECT TO REFUND BY FPC -MET

PROFIT MARGIN

91 4

72,94

## LEASE INCOME AND OPERATION REPORT OF T/31/78 RUN DATE 8/20/78

PAGF

10

GRAND TOTAL NET LEASE INCOME EMPLOYEE BENEFITS TEASE DEERATING EXPENSE ROYALTY INCOME - NET OF PROD. SEV. TAXES TOTAL NET LEASE OPERATING INCOME TOTAL LEASE OPERATIONS EXPENSE TOTAL UDRMAL LEASE DEFRATIONS EXP MAINTENANCE MATERIALS + SUPPLIES PRIDE YEAR LEASE OPERATIONS ADJ CONTRACT SERVICES AD VALOREM TAXES - ROY -NET MISCL EXPENSE RECTVERIES ALLOCATED AREA EXPENSE CONTRACT LARDR PRIORI YEAR NET REVENUE ADJUSTMENT HAULING + PROCESSING CHARGES-NET AD\_VALOREM TAXES - HET HAJDR MAINTENANCE -AFF DETAIL-EXPENSES DE EMPLOYEES PRODUCTION + SEVEDANCE TAXES-NET ALLOCATED SYS + FACILITIES EXP ROAD AND CANAL EXPENSE LEASE SERVICE + MAKTNE TREATING CHEMICALS CORROSION\_EXPENSES FUEL. WATER. PURER + LUBRICANTS PULLING EXPENSE COMPANY LABOR TOTAL BASS NET LEASE EXPENSES TOTAL BASS LEASE OPERATIONS EXPENSE WEST TEXAS NOPTH KERMIT HASS MORROW TRANSPORT AS OF 7/31/78 60,834.45 60,834.45 5,614.31 5,440.83 ACTUAL 173.48 208.19 208.19 61.27 24.42 22.50 CURRENT MONTH \* OVER/UNDER BUDGET 54,455-54+4851 5,076-4,133-1.130-1,130-942-191-258-105-515-PROD. CURRENT MONTH ADJUSTMENTS RFV. 414,698.00 414.698.00 55,024.46 39,524.71 15+371.05 8.599.78 5,499,75 2,776.73 200.17 ACTUAL 334.45 346.90 788.58 YEAR IN DATE DVER/UNDER RUDGET 142,757-142,757-11,898 3,923-6,784-21388-436-RO8-3,126 9,914 145

INCOME SUBJECT

TO REFUND BY FPC -NET

72,943,29

PROFIT MARGIN

•

# AS OF 7/31/78 RUN DATE 8/20/78

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DIV WEST TEXAS DIST - NORTH KERMIT	CURRENT	NT HONTH	CURRENT HONTH	YEAR TO	DATE
D - RASS H	ACTUAL	OVER/UNDER HUUGET	1 3	ACTUAL	OVER/UNDER RUDGET
PR DDUC T 1 ON	40 40				
GROSS 8/8 VOLUMES					
T G	65,430.00	R7,021-		590.516.00	217,730-
S					
2	45,430,00	R7,021-		570,516.00	717,730-
BRLS OF CONDENSATE	60.00	155-		923.00	143-
BASS NET VOIJUMES					
LS OF CRUDE			;		
, H	45,255,75	59,944-		408,440.23	150,104-
MOR GAS NET PRODUCTION	45,255.75	4.742		408,440.23	186,348
UE CUAD	41.50	107-		638.41	<b>.</b>
SALES n.P.C.L	:				:
MCF OF GAS	59,348,83	45,851-		373,137,08	165,40A-
BRLS OF CONDENSATE	The second secon	149-	* · · · · · · · · · · · · · · · · · · ·	596.90	152-
7					
	7.7				
SS REVENUE CUR	7				
CRUDE DIL	Andrew Communication of the co	- condicion on discussion proprietal action of the desirable or professional rights - the bounds of class for c	And the second s		Charles of the second s
1.11	7 . 66,448.76	57,630-		462,327.28	137,532-
CONDENSATE 12.60		-206.1		7,395,18	2,103-
PER PLANT PRODUCTS					
TOTAL BASS GROSS REVENUE	66,448.76	* 59,532-		469,722.46 +	130,634-

161 76:

LEASE INCOME AND OPERATION REPORT

TOTAL NET LEASE OPERATING INCOME GRAND TOTAL NET LEASE INCOME TOTAL LEASE SPERATIONS EXPENSE EASF 0833802 - GTBI INCOME SUBJECT TO REFUND BY FPC -MET FOTAL YORMAL LEASE OPERATIONS EXP EASE OPERATING EXPENSE PRIDRI YEAR LEASE OPERATIONS AND AD VALUREM TAXES - ROY -NET HAJDR HAINTENANCE -AFE DETAIL-AD VALOREM TAXES - NET MISCL' EXPENSE RECOVERTES ALLOCATED AREA EXPLUSE HAULING + PROCESSING CHARGES-NET PRODUCTION + SEVERANCE TAXES-NET RUAD AND CANAL FXPINSE ALLOCATED SYS + FACILITIES FYP FUEL - WATER - PUNER + LUBRICANTS MAINTENANCE MATERIALS + SUPPLIES LEASE SERVICE + MARINE TREATING CHEMICALS CORRUSION EXPENSES PULLING EXPENSE CONTRACT SERVICES CONTRACT LABOR EXPENSES OF EMPLOYFES EMPLOYEE RENEFITS COMPANY LABOR TOTAL BASS NET LEASE EXPENSES TOTAL BASS LEASE OPERATIONS EXPENSE RASS MORRUM MORTH KERMIT WEST TEXAS BIG EDDY HALL #84 TRANSPORT AS OF 3.044.44 8.044.44 586.39 586.39 CURRENT MONTH RUN DATE 8/20/79 \* OVER/UNDER BUDGET WRK. I'VT. 8,044 8,044 586 5 R 5 CURRENT MONTH PROD. + RTV. ADJUSTMENTS RFV. INT. .67916667 46,637.24 46,637,24 2+643.1A 3,409.61 3.409.61 ACTUAL RUY YEAR ID DATE OVER/UNDER 3,400 ...... **BUNGET** 3,408

DIST - WEST TEXAS	,	CURRENT	NT MONTH	CURRENT MONTH	YF AB	TO DATE
•		ACT		AD. JUSTMENTS	- 1	OVER/UNDER NUNGET
LEASE 0833802 - 816 EDD	EDDY WIT 454		モスス・ーマー・	REV.INT67	67915667 RUY	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
PRODUCTION  GROSS 8/8 VOLUMES	ÜM			:		
	00					
MOR CAS THIRD TION			1		1	
<b>,</b> ,						
SOF	;				: ;	
	. Balone spiller market spile of the same spile and a	end the spirits of the state of				
OF G	ı		•			
MOR GAS INJECTION						
BBLS OF COMBENSATE			54+695			336,452
SALFS B.P.C.I.					;	
BASS NET VOLUMES					į	
HCF OF GAS		5.241.13	5.241	· · · · · · · · · · · · · · · · · · ·	10.516.99	30.514
BALS OF COUNT PRODUCTS			11.24.			)
HASS GROSS REVENUE CHR	PAICE	and the second of the second o				1
CRUPE DIL	1 63	E		A TOTAL C. T. C.	4000	
CONDENSATE PLANT PRODUCTS						
TOTAL BASS GROSS REVENUE		8 • 6 3 0 • 8 3	* 8+630		501046.85 +	50.044
			:			•

## OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

May 21, 1979

Bass Enterprises Production Co. Fort Worth National Bank Building Fort Worth, Texas 76102

Attention: Jens Hansen

Re: Case No. 365
Big Eddy Well No. 54
Section 29, T215, R28E
Eddy County, New Mexico

Gentlemen:

Reference is made to your letter of April 23, 1979, concerning the Big Eddy Well No. 54.

We concur in your conclusion that this is <u>not</u> a commercial well entitled to be included in a participating area.

Yours very truly,

JOE D. RAMEY Director

JDR/ELP/fd

cc: U.S.G.S. - Roswell
Commissioner of Public Lands

## BASS ENTERPRISES PRODUCTION CO. FORT WORTH NATIONAL BANK BUILDING FORT WORTH, TEXAS 76102

April 23, 1979

ECEIVED

APR 2 7/9/2

OIL CONSERVATION DIVISION

SANTA FE

Commissioner of Public Lands State of New Mexico Post Office Box 1148 Santa Fe, New Mexico 87501 Attention: Mr. Ray Graham

New Mexico Oil Conservation ✔
Commission
Post Office Box 2088
Santa Fe, New Mexico

United States Department of Interior Geological Survey Post Office Box 26124 Santa Fe, New Mexico 87501

365

Re: Lease #4788
Big Eddy Wel<u>1</u> #54

SW/4 Section 29 T-21-S, R-28-E

Eddy County, New Mexico

### Gentlemen:

We recently drilled and completed the referenced well and have subsequently determined that this well is not a commercially producing well. Consequently, we request that same be produced and maintained on a lease basis, thereby not receiving a participating area. We enclose data to support our determination.

The United States Geological Survey and the New Mexico Oil Conservation Commission received their letters concerning this well in October of last year. However, it is our understanding that their letters may have contained errors and that the Commissioner of Public Lands did not receive the letter, and as a result, we are delivering this letter.

Sincerely

Division Landman

JH/ma

**Enclosures** 

Refis made to 1/2 to the Beggeday 1 21 72

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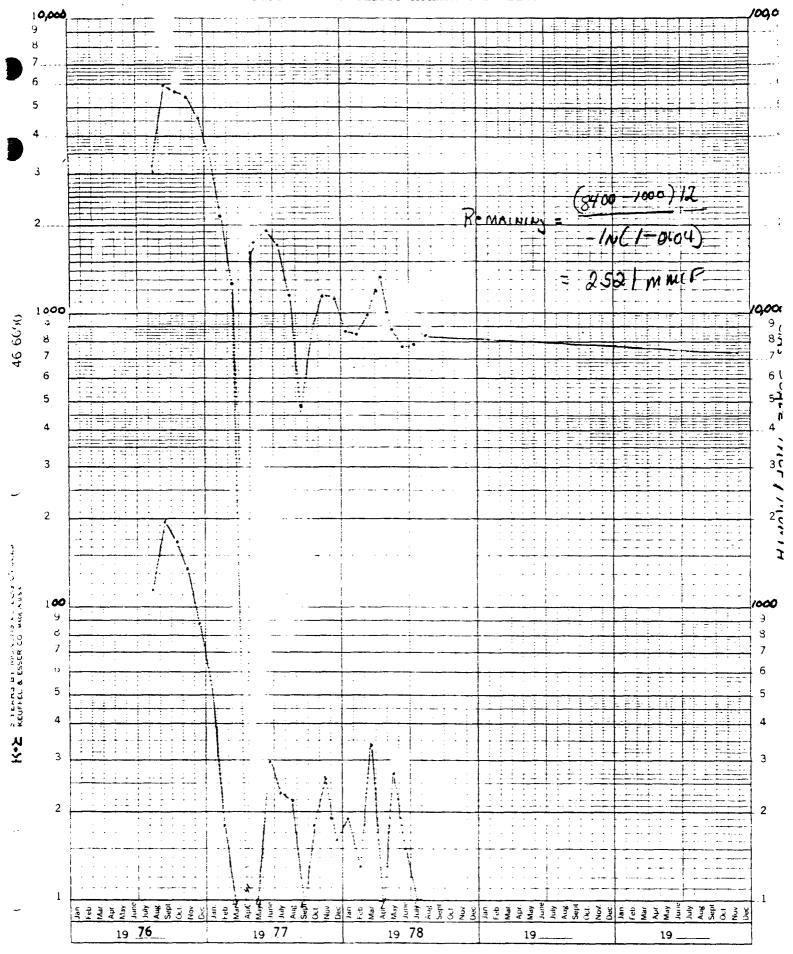
TABLE I
DETERMINATION OF
WELL'S PROFITABILITY

	BIG EDDY #44	BIG EDDY #53	BIG EDDY #54
WELL COST	\$827,998.94	\$573,144.39	\$639,472.11
GAS PRICE, GROSS \$/MCF	1.65	1.65	1.51
ROYALTY INTEREST,%	12.5	17.5	17.5
PROD & AD VAL TX,%	7.24	6.78	8.41
GAS PRICE, NET \$/MCF	. 1.34	1.27	1.14
CUMMULATIVE GAS, MMCF	479	61	69
REMAINING GAS, MMCF	2521	2439	46
ULTIMATE GAS, MMCF	3000	3000	115
ULTIMATE INCOME*,			
GROSS	\$4,020,000	\$3,807,000	\$131,000
	COMMERCIAL	COMMERCIAL	NON-COMMERCIAL

<sup>\*</sup> Before operating expense, repayment of investment and federal income tax

## MONTHLY OIL & GAS PRODUCTION BIG EDDY UNIT WELL NO. 44 SOUTH MAROON CLIFFS MORROW GAS FIELD

	01	L, BBLS	GAS	, MCF
<u>1976</u>	BOPM	CUMMULATIVE	MCF/mo	CUMMULATIVE
August September October November December	113 199 165 134 88	113 312 477 611 699	30,870 59,249 56,604 54,009 46,236	30,870 90,119 146,723 200,732 246,968
TOTAL	699	699	246,968	246,968
1977				•
January February March April May June July August September October November December	54 18 4 0 4 30 23 22 1 18 26 16	753 771 775 775 779 809 832 854 855 873 899 915	34,649 21,395 12,434 41 17,649 19,107 17,006 11,609 4,659 8,530 11,635 11,359	281,617 303,012 315,446 315,487 333,136 352,243 369,249 380,858 385,517 394,047 405,682 417,041
	210	913	170,073	417,041
January February March April May June July	19 13 34 7 27 15 5	934 947 981 988 1015 1030 1035	8,627 8,579 9,894 10,319 8,786 7,609 7,764	425,668 434,247 444,141 454,460 463,246 470,855 478,619



ge manger, com e : mange ege sedembere e e te sedembe e e estado e	90 🛪			00 4	
	13,631.25	:			INCOME SUBJECT TO REFUND BY FPC -NET
7,897-	81.664.83 **		1.864	9,524.95 **	PRIOR YEAR NET REVENUE ADJUSTMENT PRIOR YEAR LEASE OPERATIONS ADJ GRAND TOTAL NET LEASE INCOME
					OME - NET OF
7,897-	81+664+83		1+864	9.524.95	TOTAL NET LEASE OPERATING INCOMP
4,4UR-	8,455,9]		2.045-	993.12	TOTAL BASS MET LEASE EXPEMSES
					AD VALUREM TAXES - NET HAULING + PROCESSING CHARGES-NET
1.257-	6,527.39		19-	713.51	+ SEVE
3,151-	1,924,57		1.946-	279.61	TOTAL KASS LEASE OPERATIONS EXPENSE
3 + 1 5 1 -	1.928.52		1,946-	279.61	MISCL EXPENSE RECOVERIES TOTAL LEASE OPERATIONS EXPENSE
-1،1،1۰	L+42H.52 +		1,946-	279.61 +	ALLOCATED AREA DEFEATIONS EXP
		A CONTRACTOR OF THE PROPERTY O	•	the different extra to the court of the cour	ALLOCATED SYS + FACILITIES EXP
					LEASE SERVICE + MARINE TRANSPORT
					TREATING CHEMICALS
				The same and the same of the same and the same	FUEL, WATER, PUWER + LUNZICAVIS
7251	п5.94		-0£		MAINTENANCE MATERIALS + SUPPLIES
			1 770		
1501	107.47 617.66		×1•	100.60	TYPENORS OF EMPLOYEES
835-	1,037,47		124-	143.92	
			:		LEASE_OPERATING EXPENSE
OVER /UNDER PUNCET		I I	UNDER BUDGET	ACTUAL OVER/UNDER	•
	YEAR TO DAT	OURRENT MONTH	r	CURRENT MONT	TAT - NORTH KERKIT

TTARITO

# HADD EVIENDRISES PRODUCTION COMPANY ET AL LEASE INCOME AND OPERATION REPORT AS OF 7/31/79 RUN DATE 8/20/78

PAGE 45

TEXAS	AS OF 7/31/79 RUN DATE 8/20/78			· :
ELD - SOUTH MAROON CLIFFS	ACTUAL OVER/UNDER BUDGET	ADJUSTMENTS	ACTUAL	OVER/UNDER HUNGET
CROSS 8/8 VOLUMES	30			
C P	7.764.00 970-		61,578.00	22,036-
MCE GAS NET PRODUCTION	7.764.00		61.578.00	22,036-
DF COND	5.00		120.00	120
BASS NET VOLUMES				
		The party state was an extensive and the state of the sta	The second secon	
MOR DAS INJECTION	04149.30		73.880.77	1 4 / 1 9 1
GAS	6,793,50 848-		53.890.77	19,279-
BBLS OF CONDENSATE	4.3R		105.03	102
SALES D.P.C.L	The boson between the second s			
BASS_NET VOLUMES				
SOF			## 1	
SASS GROSS REVENUE CUR	PAICE		:	•
1.65 E DUCTS	1.44 10.518.07 180-		90,120,74	12,306-
TOTAL BASS GROSS REVENUE	10.518.07 * 180-	The second secon	90+120-74 +	12,306-

# LEASE INCOME AND OPERATION REPORT

	7,897-	81,664.83		** 1+864	3,524.95	OYALTY INCOME - NET OF PROD.SEV.TAXES IN VALOREM TAXES - ROY -NET PRIDR YEAR NET REVENUE ADJUSTMENT RIOR YEAR LEASE OPERATIONS ADJUNO TOTAL NET LEASE INCOME
	7,897-	B1,664.83		1.854	9,524.95	AL NET LEASE OPERATING INCOME
	4,408-	8,455.91		2.045-	993.12	TOTAL BASS NET LEASE EXPENSES
						TAXES - NET
	1,257-	6,527.39		99-	713.51	PODUCTION + SEVERANCE TAXES=NET
	3,151-	1.924.52		1,9%6-	279.61	TOTAL BASS LEASE OPERATIONS EXPENSE
	3,151-	1,924,52		1.446-	279.61	D
.*	* 1. 2. 2. 3.151-	1,924,52		1.945-	279.61	VELOCATED SKS + FACILITIES EXP VELOCATED AREA EXPENSE TAL VORMAL LEASE OPERATIONS EXP VAJOR MAINTENANCE -AFE DETAIL-
i						SE POWER + LURRIC RASES ICALS + MARINE TRAN
	1.890-		1	1.770-	,	74.
		197.47		2)-	26.09	4 20 EB
	3 444	1.037.47		124-	143-92	ISE OPERATING EXPENSE
		.87500000 RDY	REV. HAT.	WRK. INT. 1.00000000		0331601 - BIG EDDY UVIT #44
	ID DATE OVER/UNDE	ACTUAL	PROD. + REV. CURRENT MONTH ADJUSTMENTS		ACTUAL	AS OF 7/ NORTH KERMIT SOUTH MAROON CLIFFS

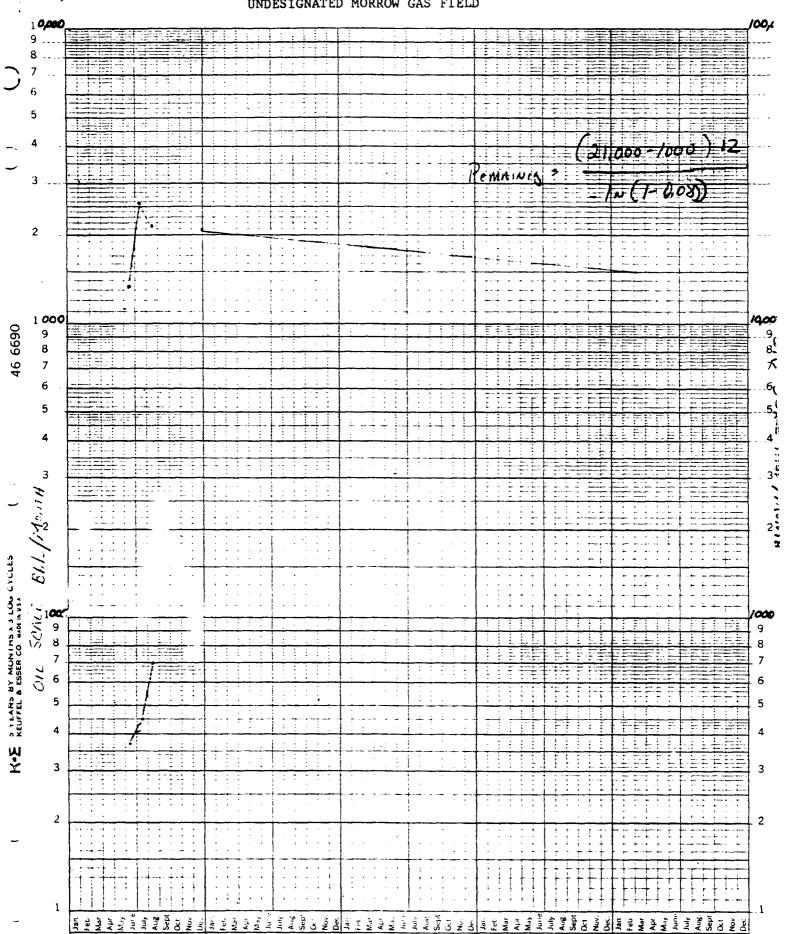
## LEASE INCOME AND OPERATION REPORT RUN UNTE B/20/78

FIELD - SUUTH MARDON CLIFFS	CURRENT	NT MONTH (IVER/UNDER BUDGET	ADJUSTMENTS	ACTUAL	TO DATE OVER/UNDER BUDGET
LEASE 0331601 - BIG EDDY UNIT #44	144	WRK . I NT . 1 . 00000000	REV. INT 87500000	0000 ROY	
PRODUCTION GROSS 8/8 VOLUMES	MO				
OF GAS	07	-070		61.578.00	22,036-
MCF GAS NET PRODUCTION	7,764.00	970-		61.578.00	22.036 <b>-</b>
nF	5.00			120.00	120
BASS NET VOLUMES  BRLS OF CRUDE OIL					
SAS	6,793.50	848-		53.880.77	19,279-
	6, 793, 50	-848	z.	53,880.77	19,279-
SALFS				11) J • U )	
(	; ;				
HALS OF CRUDE OIL	:				
MCF OF GAS  BALS OF PLANT PRODUCTS	6+370+88	1,2/1-		62,419.69	10,741-
BASS GROSS REVENUE CUR YID					5 :
CRUDE OIL  CONDENSATE  1.65  1.44	10,518,07	180-		90.120.74	12,306-
PLANT PRODUCTS					
	10,518,07	180-	Andrew of the second se	90,120.74 *	12,396-

## MONTHLY OIL & GAS PRODUCTION BIG EDDY UNIT WELL NO. 53 UNDESIGNATED MORROW GAS FIELD

	01	L,'BBLS	GA	S, MCF
1978	BOPM	CUMMULATIVE	MCF/mo	CUMMULATIVE
June July August	37 45 70	37 82 152	13,215 25,939 21,503	13,215 39,154 60,657
		<del></del>		<del></del>
TOTAL	152	152	60,657	60,657

## BIG EDDY UNIT WELL NO. 53 UNDESIGNATED MORROW GAS FIELD



LEASE INCOME AND OPERATION REPURT AS OF 7/31/78 RUN DATE

GRAND TOTAL NET LEASE INCOME FIELD - NEW MEXICO UNDESIGNATED ) DIV 1510 LEASE OPERATING EXPENSE TOTAL NET LEASE OPERATING INCOME TOTAL YORMAL LEASE OPERATIONS FXP TOTAL LEASE UPERATIONS EXPENSE MISCL EXPENSE RECOVERIES AD VALOREM TAXES - ROY -NET PRICE YEAR NET REVENUE ADJUSTMENT ROYALTY INCOME - NET OF PROD. SEV. TAXES HAULING + PROCESSING CHARGES-NET AD VALUER TAXES - NET MAJOR MAINTENANCE -AFE DETAIL-ALLOCATED AREA EXPENSE EXPENSES OF EMPLOYEES ALLOCATED SYS + FACILITIES FXD LEASE SERVICE + MARINE TRANSPORT ROAD AND CANAL EXPENSE CORRUSION EXPENSES FUEL . WATER . POWER PULLING EXPENSE MAINTENANCE MATERIALS + SUPPLIES EMPLOYEE RENEFITS CONTRACT SERVICES CONTRACT LABOR TREATING CHEMICALS COMPANY LABOR TOTAL BASS NET LEASE EXPENSES TOTAL BASS LEASE OPERATIONS EXPENSE NORTH KERMIT WEST TEXAS + LURRICANTS 16,776.98 16.776.98 1.246.22 1.223.45 ACTUAL 22.77 72.77 72.77 22.77 CURRENT MONTH + NVFR/UNDFR BUDGET 8/20/78 15,889-15,889-1,809-1.491-318-31 R-1141 83--(, 70-72-33 14 14 CURRENT MONTH PROD. + RFV. 1111111111111 ADJUSTMENTS 26.810.06 25,586.61 25,586.61 24,141.41 8,7R6.86- \*\* 8,786.86-1,223.45 **ACTUAL** 845.20 189.13 33.98 176.89 380.00 45.20 YEAR TO DATE UVER/UNDER RUDGET 707,09B-203,098-24,221 14,871-24,740 198,6 5431 991 2031 300 25

INCOME SUBJECT TO REFUND BY FPC -NET

PROFIT MARGIN

3 66

HEGATIVE

OPERATEU	BASS ENTERPRISES PRODUCTION	N COMPANY FF AL		7 201 /1	
	LEASE INCOME AND	TION REPORT	:	•	
WEST TEXAS		- - -	PROD. + REV.		TO DATE
D - NEW MEXICO UNDESIGNATED	ACTUAL OVE	OVER/UNDER BUDGET	1 2	ACTUAL	DVER/UNDER BUDGET
JOUC TION	40				
RRLS OF CRUDE OIL					
	25,939,00	3,923-		39,154.00	137,877-
		;	4	L	
MCF GAS NET PRODUCTION	25,939.00	3,923-		39,154.00	137,877-
BRES DE CONDENSATE	45.00	45		82.00	# <b>&gt;</b>
_					
MORIOR GAS	21,399.68	3,236-		32,302.06	113,747-
MOR GAS INJECTION	21 290 68	J . 505		32 302 06	67:636-
S DE CONC		17		67.65	67
n.P.C.i.					
ANSS NET VOLUMES HIBLS OF CRUDE OIL MCF OF GAS	10,922,17	13,713-		10,422,17	135,127-
BITLS OF CONDENSATE					
JASS GROSS REVENUE CUR YIN	YTD -	:			•
GAS CONDENSATE PLANT PRODUCTS	1.65 18,023,20	17,698-		18,023.20	193,748-
TAL BASS GROSS REVENUE	18,023,20 *	17,698-	:	18,073.20 +	193,748-
					•
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-				, display and the second of th	

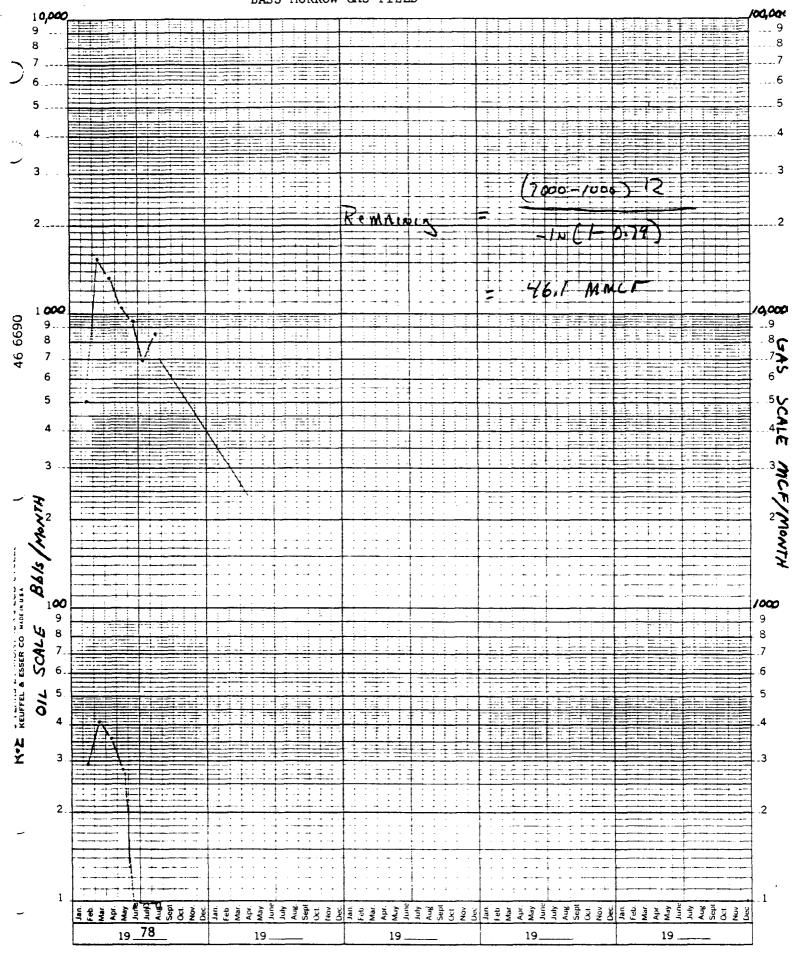
FIELD - NEW MEXICO UNDESIGNATED	ACTUAL OVER / UH	NONTH OVER/UNIDER HUDGET	PROD. + REV. CURRENT MONTH ADJUSTMENTS	ACTUAL TO	19 DATE OVER/UNDER RUDGET
TEASE 0333001 - BIG EDDY UVIT #53	VRK. I	WRK . I NT . 1 . 00000000	REV. 141 82500000	ROY	
LEASE DPERATING EXPENSE				; ;	050 1 1-8-12
COMPANY LABOR		183-		189.13	543-
1	22.17	72-		176.89	203-
Z		20-		390.00	300 25
• POWER + C					
ING CHEMICALS					
ROAD AND CANAL EXPENSE		The state of the s			
EXPERSE INS	22.77	) ]		* 00 ·	
CLIEXPENSE RECOVERIES		į			
TOTAL LEASE OPERATIONS EXPENSE	22.11	318-		845.20	519-
TOTAL BASS LEASE OPERATIONS EXPENSE	22.77	318-		845.20	-615
PRODUCTION + SEVERANCE TAXES-NET AD VALOREM TAXES - NET HAULING + PROCESSING CHARGES-NET	1.223.45	1.491-		1,223,45	14,871-
TOTAL BASS NET LEASE EXPENSES	1.246.22	1.809-	2	2,068.65	15,789-
TOTAL NET LEASE OPERATING INCOME	16,776.98	15,839-		15,954.55	178,358-
AD VALOREM TAXES - POY -NET					
LEASE OPERAT	16,776.98 **	15,839-	15	15,954.55 **	178,358-
INCOME SUBJECT TO REFUND BY FPC -NET		:			
				æ æ ₩	

- VEST TEXAS	7/31/78	AND OPERATION REPORT RUN DATE 8/20/78	PROD. + REV.		
T - NORTH	ACTUAL	OVER/UNDER BUDGET	CURRENT MUNTH	ACTUAL	OVER/UNDER BUDGET
LEASE 0333001 - BIG EDDY UNIT	453 VR	WRK . INT . 1 . 00000000	RFV. INT.	82500000 ROY	ROY
PRODUCTION MOGROSS 8/8 VOLUMES	]				
BBLS OF CRUDE OIL 07 MCF OF GAS	25,939.00	3,973		39.154.00	137.877-
AS				; ; ; ;	
BBLS OF CONDENSATE	25,939,00 45,00	3,923-		39,154,00	137,877-
BASS NET VOLUMES			***************************************		
OF GAS	21, 399, 68	3.236-		32.302.06	117,747-
SOF	~ 21,399,6P	3,236-		32,302.06 67.66	5R,440-
SALES B.P.C.L					:
2 4	:				
	13,922.17	13,713-		10,922.17	135,127-
BASS GROSS REVENUE CUR YTO					0
CRUDE OIL  GAS  CONDENSATE  CONDENSATE	18,023,20	17,698-		18,023.20	193,148-
TOTAL BASS GROSS REVENUE	18,023,20	• 17,698-		18,023,20 +	193,748-
	-				

## MONTHLY OIL & GAS PRODUCTION BIG EDDY UNIT WELL NO. 54 BASS MORROW GAS FIELD

	01	L, BBLS	GA	S, MCF
<u>1978</u>	BOPM	CUMMULATIVE	MCF/mo	CUMMULATIVE
February March	29 41	29 70	5,018 15,408	5,018 20,426
April May	36 28	106 134	13,288 10,518	33,714 44,232
June July	1 0	135 135	9,540 6,972	53,772 60,744
August	<u> </u>	135	8,484	69,228
TOTAL	135	135	69,228	69,228

MONTHLY OIL AND GAS PRODUCTION BIG EDDY UNIT WELL NO. 54 BASS MORROW GAS FIELD



# LEASE INCOME AND OPERATION REPORT

BASS MORROW NUPTH KERMIT WEST TEXAS AS OF 7/31/78 ACTUAL CURRENT MONTH RIIN DATE 8/20/78 OVER/UNDER HUDGET CURRENT MONTH
ADJUSTMENTS

414,69	54+455-	60+834-45 **	NET REVENUE LEASE OPERAT ET LFASE INC
			AD VALOREM TAXES - ROY -NET
414+6	54+455-	60+834-45	TOTAL NET LEASE OPERATING INCOME
55,0	5,076-	5+614.31	TOTAL BASS NET LEASE EXPENSES
	4.133-	5,440.83	PRODUCTION + SEVERANCE TAXES-NET AD VALOREM TAXES - NET HAULING + PRUCESSING CHARGES-NET
15,4	942-	173.48	JOTAL BASS LEASE OPERATIONS EXPENSE
18,5	1,130-	208.19	TOTAL CEASE OPERATIONS EXPENSE
2,	-0111	208.19 *	TED AREA E )RMAL LEASE MAINTENANC
			ACCONTED SYS + FACILITIES EXP
·			TING CHEMIC
	enter en	с од на ден в ден	RUEL * MATER * PUNER + LURRICANTS
			T 2
	191-	The control of the co	
	258-	61.27	3
	105-	22.50	THE DEVERTITS
-	575-	124.42	TORPANY LABOR
	:	Complement of the Complement o	TEASE OPERATING EXPENSE
***************************************	***************************************		

INCOME SUBJECT TO REFUND BY FPC -MET

PROFIT MARGIN

91 7

72,94

# LEASE INCOME AND OPERATION REPORT AS DE 7/31/78 RUN DATE A/20/78

	72,943,29				INCOME SUBJECT TO REFUND BY FPC -MET
142,757-	414,698.00 **		54,455-	60,834,45 **	REM TAXES - ROY - FAR NET REVENUE A EAR LEASE OPERATI AL NET LFASE INCO
					MOVALTY INCOME - NET DE PROD. SEV. TAXES
142,757-	414,698.00		54.455-	60,834.45	TOTAL NET LEASE OPERATING INCOME
3,126	55,024.46		5.076-	5+614.31	TOTAL BASS NET LEASE EXPENSES
	;				MAULING + PRUCESSING CHARGES-NET
6.784-	39,524.71		4.133-	5,440.83	AXES-NE
9,914	15,499,75		-246	173.48	TOTAL BASS LEASE OPERATIONS EXPENSE
11,898	18,599.78		1,130-	208.19	TOTAL LEASE OPERATIONS EXPENSE
154.821 	2,778,73 * 15,871.05		1,130-	\$08.19 ÷	ALLOCATED AREA EXPENSE INTAL NORMAL LEASE DEERATIONS EXP MAJOR MAINTENANCE WAFE DETAIL-
					CORROSION_EXPENSES TREATING CHEMICALS LEASE SERVICE + MARINE TRANSPORT ROAD AND CANAL EXPENSE ALLOCATED SYS + FACILITIES EXP
And the second s	entre entre de la compansión de la compa	en freder jermen (m. m. 1900) eneme form den deren frederigen mengen in delege de l'aggebre degeneration de les			FUEL - WATER - PUMER + LURRICANTS
627- 745	334.45 346.90	:	191-		MAINTENANCE MATERIALS + SUPPLIES
#36- #08-	200.17 788.58		258-	61.27	MXPEXSES OF EMPLOYEES
2,388-	1,108,62		575-	124.42	<b>P</b>
1	1		1		1
DATE DINGER BINGET	YEAR IN DATE	CURRENT MONTH	<b>⊃</b> }	CTURRENT	NOPTH KERMIT
			10N REPHRT	31/78 AND OPERATION REP	AS DE 7/3

PROFIT MARGIN

91 %

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	HASS ETTERRYISES PRUDUCTION CUMPANY FT AL	OPERATION REPORT		PAGF 9	
	AS OF 7/31/78	RUN DATE 8/20/78	•		
DIV - WEST TEXAS			PRUD. + REV.		
DIST - NORTH KERMIT	CURRI	ENT MONTH	CERRENT HONTH	YEAR TO DATE	•••
FIELD - PASS MORROW	<b>ACTUAL</b>	ACTUAL OVER / UNDER HUDGET	AUJUSTMENTS	ACTUAL OVER/UNDER	FUNDER RUDGET
PRODUCTION	40				
GROSS 8/8 VOLUMES				:	
BRIS OF CREST OF					

				THE PRODUCTS
2,103-	7,395,18	-206.1	***************************************	CONDENSATE 12.60
137,532-	462,327.28	57,630-	66,448.76	1.11 1.17
e e e e e e e e e e e e e e e e e e e				CRUDE DIL
				CUR YIT
(	•			AD UNIT PRICE
•				्रा क्षा क्षा क्षा क्षा क्षा क्षा क्षा क्ष
		• • •	. 1	GALS OF PLANT PRODUCTS
157-	596.90	149-		BRLS OF CONDENSATE
165,40R-	393,137,08	45,851-	59,348,83	MCF DF GAS
				BRLS OF CRUDE OIL
				BASS NET VOLUMES
	-			
				*
-86	638.41	107-	41.50	BALS OF CONDENSATE
186,34R	408,440.23	4,742	45,255.75	MCF GAS NET PRODUCTION
				MCE GAS INJECTION
150,104-	400,440,23	59,944-	45,255.75	MCF DF GAS
				BRLS OF CRUDE DIL
3				BASS NET VOI UMAS
143-	923.00	155=	40.0n	BBLS OF CONDENSATE
217,730-	570,516,00	R7.021-	65,430.00	MCF GAS NET PRODUCTION
				MCF GAS INJECTION
217,730-	590.516.00	A7+021-	65,430.00	Ti O
				BBLS OF CRUDE DIL
				GROSS 8/8 VOLUMES

TOTAL BASS GROSS REVENUE

66,448.76

59,532-

469.722.46 +

130,634-

LEASE INCOME AND OPERATION REPURI 7/31/78

TOTAL NET LEASE OPERATING INCOME GRAND TOTAL NET LEASE INCOME TOTAL LEASE SPERATIONS EXPENSE TOTAL MORMAL LEASE OPERATIONS EXP ELD -EASE OPERATING EXPENSE ASF 0033802 PRIOR YEAR LEASE OPERATIONS AND AD VALUREM TAXES - ROY -NET HAULING + PROCESSING CHARGES-NET PRODUCTION + SEVERANCE TAXES -NET MISCL EXPENSE RECOVERIES MAJOR MAINTENANCE -AFE DETAIL-ROAD AND CANAL EXPENSE AD VALOREM TAXES & NET ALLOCATED AREA EXPLUSE ALLOCATED SYS + FACILITIES FYP EXPENSES OF EMPLOYEES EMPLOYEE HENEFITS LEASE SERVICE + MARINE FUEL. WATER, PUNFR: + LUBRICAUTS PULLING FXPENSE MAINTENANCE MATERIALS + SUPPLIES CONTRACT SERVICES CONTRACT LABOR COMPANY LABOR TREATING CHEMICALS CORRUSION EXPENSES TOTAL BASS NET LEASE EXPLUSES TOTAL BASS LEASE OPERATIONS EXPENSE BASS MURRUH NORTH KERNIT WEST TEXAS BIG EDDY HAIT #54 8.044.44 8.044.44 CURRENT MONTH RIIN DATE 8/20/78 OVER/UNDER BUDGET TXX. TVI. 8,044 CURRENT MONTH PROO. + REV. ADJUSTMENTS RFV. INT. .67916667 **ACTUAL** DVER/UNDER 3,408 **RUNGE 1** 3,408

2.543.1R

- INCOME SUBJECT TO REFUND BY FPC -HET

# LEASE INCOME AND OPERATION REPORT AS OF 7/31/78 RUN DATE 8/20/78

DIV - WEST TEXAS DIST - NORTH KERMIT FIELD - BASS MORROW		CURRENT MONTH	MONTH OVER/UNDER BUDGET	CURRENT MONTH ADJUSTMENTS	ACTUAL	IO DATE OVER/UNDER BUDGET
LEASE 0833802 - BIG ENDY	UNIT 454		11	REV. INT 67915667	į	
GROSS 8/8 VOLUMES	()w		Canada de Caración	d		
OF G	00					
7		; ;	,	, .		
S OF G		1				
DAA			64.6R5		· · · · · · · · · · · · · · · · · · ·	335+452
SALFS B.P.C.I.	1					
BASS NET VOLUMES			·			
HCF OF GAS  BBLS OF COUNT MEATE GALS OF PLANT PRODUCTS		5,241.13	5,241		10,516.99	30+514
HASS GROSS REVENUE CHR	PAJCE VID					# ! !
1	1.63	8,630,83	8,630		50,046.85	50,044
TOTAL: BASS GROSS REVENUE		8+630.83 +	8,630		50,046.85 *	50,044

## OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

May 21, 1979

Bass Enterprises Production Co. Fort Worth National Bank Building Fort Worth, Texas 76102

Attention: Jens Hansen

Re: Case No. 365
Big Eddy Well No. 53
Section 8, T215, R28E
Eddy County, New Mexico

Gentlemen:

Reference is made to your letter of April 23, 1979, concerning the Big Eddy Well No. 53.

We concur in your conclusion that this is a commercial well and approve the E/2 of Section 8, Township 21 South, Range 28 East, as a participating area.

Yours very truly,

JOE D. RAMEY Director

JDR/ELP/fd

cc: U.S.G.S. - Roswell
Commissioner of Public Lands

## BASS ENTERPRISES PRODUCTION CO. FORT WORTH NATIONAL BANK BUILDING FORT WORTH, TEXAS 76102

April 23, 1979



Commissioner of Public Lands State of New Mexico Post Office Box 1148 Santa Fe, New Mexico 87501 Attention: Mr. Ray Graham

New Mexico Oil Conservation ► Commission Post Office Box 2088 Santa Fe, New Mexico United States Department of Interior Geological Survey Post Office Box 26124 Santa Fe, New Mexico 87501

Re: Lease #4063A and 4788
Big Eddy Well #53
SW/4 NE/4 Section 8
T-21-S, R-28-E
Eddy County, New Mexico

53

### Gentlemen:

We recently drilled the referenced well and have determined that same is a commercially producing well. Consequently, we hereby request that the E/2 of Section 8, Township 21 South, Range 28 East, Eddy County, New Mexico be designated as a participating area for this well. Enclosed herewith is supporting data for our determination.

This letter is in lieu of that certain letter dated October 30, 1978 which concerned the same subject but was discovered that the Commissioner of Public Lands never received the letter and that the letter sent to the New Mexico Oil Conservation Commission was incorrect. Please advise at your earliest opportunity.

JH/ma

**Enclosures** 

Jens Hansen Division Landman

Sincerel

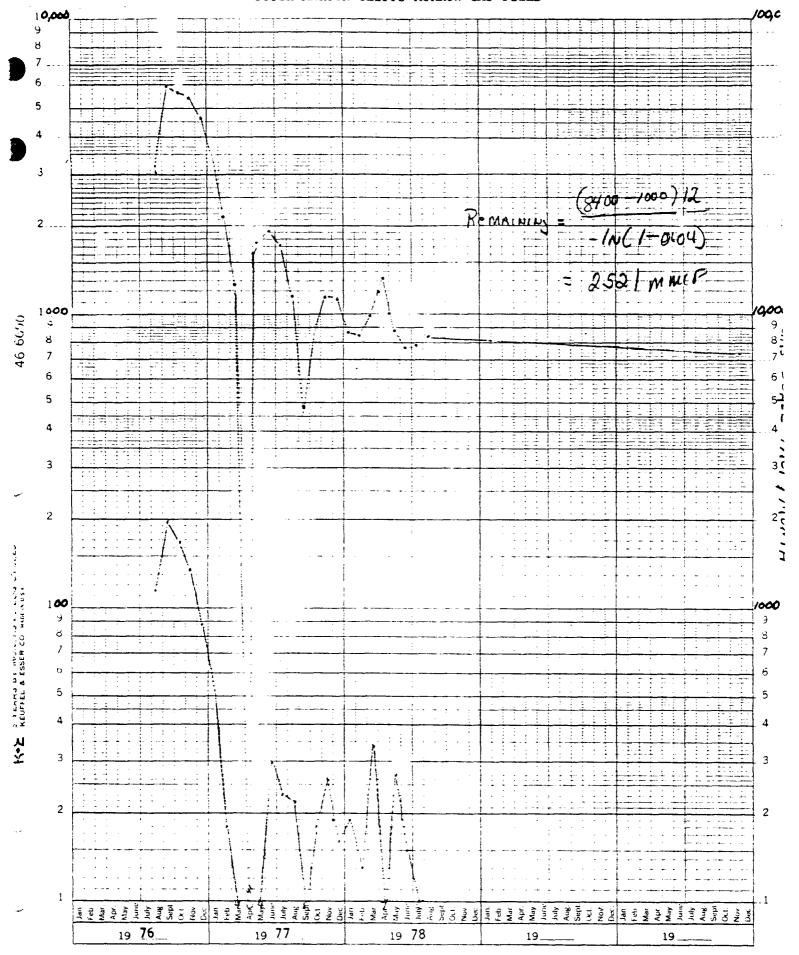
TABLE I
DETERMINATION OF
WELL'S PROFITABILITY

	BIG EDDY #44	BIG EDDY #53	BIG EDDY #54
WELL COST	\$827,998.94	\$573,144.39	\$639,472.11
GAS PRICE, GROSS \$/MCF	1.65	1.65	1.51
ROYALTY INTEREST,%	12.5	17.5	17.5
PROD & AD VAL TX,%	7.24	6.78	8.41
GAS PRICE, NET \$/MCF	1.34	1.27	1.14
CUMMULATIVE GAS, MMCF	479	61	69
REMAINING GAS, MMCF	2521	2439	46
ULTIMATE GAS, MMCF	3000	3000	115
ULTIMATE INCOME*,	** ***	40.007.000	
GROSS	\$4,020,000	\$3,807,000	\$131,000
	COMMERCIAL	COMMERCIAL	NON-COMMERCIAL

<sup>\*</sup> Before operating expense, repayment of investment and federal income tax

## MONTHLY OIL & GAS PRODUCTION BIG EDDY UNIT WELL NO. 44 SOUTH MAROON CLIFFS MORROW GAS FIELD

	01	L, BBLS	GAS	, MCF
1976	BOPM	CUMMULATIVE	MCF/mo	CUMMULATIVE
August September October November December	113 199 165 134 88	113 312 477 611 699	30,870 59,249 56,604 54,009 46,236	30,870 90,119 146,723 200,732 246,968
TOTAL	699	699	246,968	246,968
1977	•			•
January February March April May June July August September October November December	54 18 4 0 4 30 23 22 1 18 26 16	753 771 775 775 779 809 832 854 855 873 899 915	34,649 21,395 12,434 41 17,649 19,107 17,006 11,609 4,659 8,530 11,635 11,359	281,617 303,012 315,446 315,487 333,136 352,243 369,249 380,858 385,517 394,047 405,682 417,041
1978				
January February March April May June July	19 13 34 7 27 15 5	934 947 981 988 1015 1030 1035	8,627 8,579 9,894 10,319 8,786 7,609 7,764	425,668 434,247 444,141 454,460 463,246 470,855 478,619
TOTAL	120	1035	61,578	478,619



	30			A U0	, DOURTH WARLIN
	13,631.25	:			INCOME SUBJECT TO REFUND BY FPC -NET
7,897-	81,664,83 **		1.864	9,524,95 **	AD VALOREM TAXES - RDY -NET PRUD.SEV.TAXES PRIDRI YEAR NET REVENUE ADJUSTMENT PRIOR YEAR LEASE OPERATIONS ADJUSTAL NET LEASE INCOME
7,897-	81,664.83		1,864	9,524.95	TOTAL NET LEASE UPERATING INCOME
4,408-	8,455,41		2.045-	993.17	TOTAL BASS NET LEASE EXPENSES
1,257=	6,527.30		19-	713.51	PRODUCTION + SEVERANCE TAXES-MET AD VALOREM TAXES - NET HAULING + PROCESSING CHARGES-MET
3,151-	1.928.52		1.446-	279.61	TOTAL KASS LEASE OPERATIONS EXPENSE
-161.5	1.928.52		1,946-	279.61	EXPENSE RECOVERTE FASE OPERATIONS EX
- از ا ۹	L+92H+52 +		1,946-	279,61 +	TENATIO
					AND CANAL EXPENSE
					FORCY WATERY POWER + CORRICATED  CORROSION EXPENSES  TREATING CHEMICALS
1,990-	n5.94		1,770-		ACT SERVICES ENANCE MATERIALS NG EXPENSE
150-	617.64			109.60	- W
235-	1,037,47		124-	143.92	COMPANY LABOR
					LEASE_OPERATING EXPENSE
OVER /UNDER RUDGET	ACTUAL OV	ADJUSTMENTS	FR/UNDER BUDGET	ACTUAL DV	FIELD - SOUTH MARCING CLIFFS
		PROD. + REV.			NORTH

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# HADD EVIENDRISES PRODUCTION COMPANY ET AL LEASE INCOME AND OPERATION REPORT AS DE 7/31/78

PAGE 45

AS	OF 7/31/79 RUN DATE	8/20/78			
ST - NORTH KERMIT	ACTUAL OVER/UNDER	BUDGET	ADJUSTMENTS	ACTUAL OVE	TO DATE
PODUCTION COLUMN	<b>X</b> C				
3	7 7		And the second s		
207	7.763.00	970-		51,578.00	22,036-
MCH GAS MET PRODUCTION	7.764.00	970-		61.578.00	22,036-
DE CONT	5.00	. 5		170.00	120
BASS NET VOLUMES					
<b>TI</b>	6.783 SO	1		\$ 7 . BBO 77	19.279
SV5					
SV9	6,793.50	849-		53.890.77	19,279-
BBLS OF CONDENSATE	4.37	r			102
B.P.C.L				105.03	
77				105.03	
		• • •		105.03	
ALS OF	6,370.ня	1,27)-		105.03	10,741-
DE CONDENSATE DE PLANT PROPUCTS		1,27)-		105.03	10,741-
ALS OF CONDEN		1,27)-		105.03	10,741-
CONDENSATE PLANT PRODUCTS  REVENUE GUR 1.65 1		1,27)-		105.03	10,741-
CONDENSATE PLANT PRODUCTS  UNIT PA REVENUE CUR  1.65 1  TE DOUCTS		1,27)-		62,419,89	10, (41-

# LEASE INCOME AND OPERATION REPORT

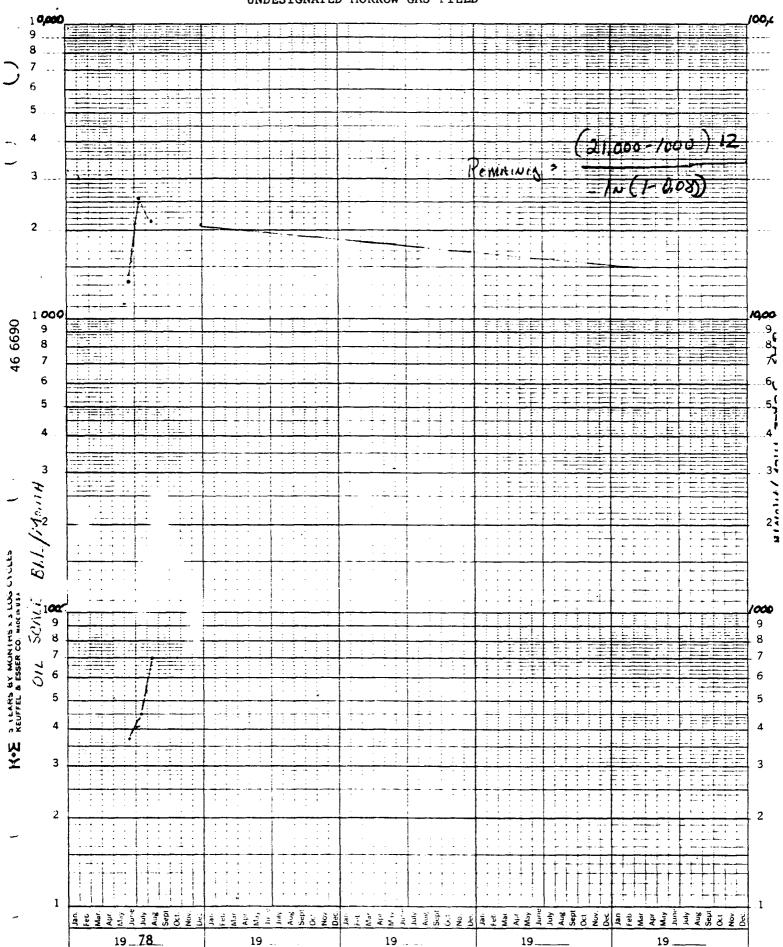
D - SOUTH MAROON CLIFFS	ACTUAL	OVER/UNDER BUDGET	ADJUSTMENTS	ACTUAL YEAR	OVER/UNDER BUDGET
0331601 - BIG EDDY UVIT #44	1 0 0 0 0 0	WRK.INT.1.0000000	MEV. 14T. 87500000	RijY	
ISE OPERATING EXPENSE				\	
OMPANY LABOR MPLOYEE BENEFITS	143.97 26.09	21-		197.47	834-
LABUR SERVICES		1.770-		\$ .	1.890-
ENSE POWER'+ LUR					
TREATING CHEMICALS  LEASE SERVICE + MARINE TRANSPORT  COAD AND CANAL EXPENSE					
0 X S					
TAL YORMAL LEASE OPERATIONS EXPRESSIVE FACTORERS.	279.61	1.945-	<b></b>	1,929,52	3.151-
	279.61	1.445=		1,928,52	3,151-
TOTAL BASS LEASE OPERATIONS EXPENSE	279.61	1,946-		1,92H.52	3,151-
RUDUCTION + SEVERANCE TAXES-NET AULING + PROCESSING CHARGES-NET	713.51	99-	6	6,527.39	1,257-
TOTAL BASS NET LEASE EXPENSES	993.12	2,045-	<b>x</b>	H,455.91	4,408-
TAL NET LEASE OPERATING INCOME	9,524.95	1.864	, m	R1,664.83	7,897-
VALUE TAYES - NET OF					
_ m			;		
NET LEA	7,524.95	1.864	8 1	R1,664.H3	7,897-

TENTS OF CONTRACTOR CONTRACTOR OF CONTRACTOR	UAL (IVER/UNDER BUDGET	ADJUSTMENTS OF	AC TUAL	TO DATE
TEASE 0331601 - BIG EDDY UNIT #44	WRK . I NT . 1 . 00000000	RFV.19187500000	OO ROY	
PRODUCTION MO GROSS 8/8 VOLUMES	A second state of the second s			
OF CAUDE DIL OT	070			
S S			51.40 rd.00	201010
SAS	970-		61.578.00	22,036-
CONDENSATE	·	!	120.00	120
2				
DE.	848-		53,860.77	19,279-
MCF GAS NET PRODUCTION 6.793.50	2621		13.880.77	19.379.
S OF CONDENSATE	4		105.03	102
B.P.C.L		:	i	
BASS NET VOLUMES				
MCF OF GAS BOLS OF CONDENSATE GALS OF PLANT PRODUCTS	1,2/1-		62,419.69	10,741-
BASS GRASS REVENUE CUR YID				
1	180-		90+120-74	17,306-
			# · · · · · · · · · · · · · · · · · · ·	
TOTAL BASS GROSS REVENUE 10.518.07 *	180-		20,120,74 *	12:306-

## MONTHLY OIL & GAS PRODUCTION BIG EDDY UNIT WELL NO. 53 UNDESIGNATED MORROW GAS FIELD

	01	L, BBLS	GA	S, MCF
1978	BOPM	CUMMULATIVE	MCF/mo	CUMMULATIVE
June July August	37 45 70	37 82 152	13,215 25,939 21,503	13,215 39,154 60,657
TOTAL	152	152	60,657	60,657

### BIG EDDY UNIT WELL NO. 53 UNDESIGNATED MORROW GAS FIELD



# LEASE INCOME AND OPERATION REPORT AS OF 7/31/TR RUN DATE 8/20/78

NSE	7	8,786.86- **		15,889-	16.776.98	PRIOR YEAR NET REVENUE ADJUSTMENT PRIOR YEAR LEASE OPERATIONS ADJUSTMENT GRAND TOTAL NET LEASE INCOME
NSE						ROY -VET
NSE	707,098-	8.726.86-		15,889-	16,776,98	TOTAL NET LEASE OPERATING INCOME
ACTUAL   OVER/UNDER BUDGET   ADJUSTMENTS   ADJUSTM	9,351	26,810.06		1.809-	246.	EXPENSE
NSE	14,871-	1,223,45		1,491-	1.223.45	I
MSE	24.221	25,586.61		318-	~	į
DESIGNATED   ACTUAL (IVER/UNDER BUDGET ADJUSTMENTS ACTUAL (IVER/UNDER BUDGET ADJUSTMENTS ACTUAL (IVER/UNDER BUDGET ADJUSTMENTS ACTUAL (IVER/UNDER BUDGET ADJUSTMENTS   183.   189.13   33.98   33.98   33.98   33.98   176.89   176.89   176.89   176.80   17	24,221	25,586.61		3181	72.17	EASE OPERATIONS
DESIGNATED   ACTUAL   OVER/UNDER BUDGET   ADJUSTMENTS   ACTUAL	74,740	845.20 * 24,741.41		• 318-	22.17	N EXPENSE NSE OPERATIONS NNCE -AFE DETAI
ACTUAL   OVER/UNDER BUDGET   ADJUSTMENTS   ACTUAL						CHEMICALS VICE + MARINE TANAL EXPENSE SYS + FACILII
NDESIGNATED ACTUAL OVER/UNDER BUDGET ADJUSTMENTS ACTUAL  183- 183- 183- 183- 72- 183- 176.899 171- 171- 171- 171- 171- 171- 171- 17	:	; !				TER POWER +
NDESIGNATED ACTUAL OVER/UNDER BUDGET ADJUSTMENTS ACTUAL  ENSE  183- 189-13 33-98 176-89	300 300	380.00		20- 13-		SERVICES NOTERIALS +
ACTUAL OVER/UNDER BUDGET ADJUSTMENTS ACTUAL ENSE  183-  189-13	-66 -602	33.98 176.89		33- 72-	22.17	EXPENSES OF EMPLOYEES  CONTRACT LABOR
NDESIGNATED ACTUAL OVER/UNDER BUDGET ADJUSTMENTS ACTUAL	5437	189.13		183-		LEASE OPERATING EXPENSE
CURRENT MONTH CURRENT MONTH YEAR	UVER/UNDER RUDGET	AR	CURRENT MONTH ADJUSTMENTS	HUNTH UNDER	1 -	PIST - NORTH KERMIT  FIELD - NEW MEXICU UNDESIGNATED

INCOME SUBJECT TO REFUND BY FPC -NET

PROFIT MARGIN

3 66

HEGATIVE

OPERATED	BASS ENTERPRISES PRODUCTION	00×1		-	
	LEASE INCOME AND	TION REPORT			
- WEST TEXAS	CURREN	4	PROD. + REV.	YEAR TO	TO DATE
D - NEW MEXICO UNDESIGNATED	ACTUAL	OVER/UNDER BUDGET	1 7		DVER/UNDER BUDGET
POUC T I DN	<b>5</b>			· :	
RUSS 8/8 VOLUMES					
ລາ	25,939,00	3,923-		39,154,00	137,877-
GAS INJ		* * * * * * * * * * * * * * * * * * * *			
BRES OF CONDENSATE	45,00 45,00	3 + 3 × 3 =		99,134,00 82,00	137,877
IASS NET VOI UMES					
SOF	31 300 68	,			
GA:		1			,
BBLS OF CONDENSATE	21.399.68 37.13	2.606		32,302.06 67.66	67
J.P.C.I.					
BASS MET VOLUMES	12.922.17	13,713-		10,922.17	135,127-
REVENUE CUR	TC+				•
COUDENSATE PLANT PRODUCTS	1.65 18,023.20	17,698-		18,023.20	193,748-
TAL BASS GROSS REVENUE	18.023.20 *	17,698-		18,023.20 +	193,748-
				,	

			THE STATE OF THE S
	72 P	H 150	PROPET MARCIN
			INCOME SUBJECT TO REFUND DY FPC -NET
178,358-	15,954.55	6,776,98 ** 15,839-	EM TAXES - POY - NET AR NET REVENUE ADJUSTMENT AR LEASE OPERATIONS ADJ L NET LEASE INCOME
			PADYALTY INCOME - NET OF PROD. SEV. TAXES
178,358-	15,954,55	16,776.98 15,839-	TOTAL NET LEASE OPERATING INCOME 16
15,389-	2,068.65	1.246.22	TOTAL BASS NET LEASE EXPENSES
			HAULING + PROCESSING CHARGES-NET
14,871-	1,223,45	1,223.45	PRODUCTION + SEVERANCE TAXES-HET
-613	845.20	22.77	TOTAL BASS LEASE OPERATIONS EXPENSE
519-	945.20	22-77	OHS EX
310-	845.20	22.77 * 31n-	ALLOCATED SYS + ALLOCATED AREA ITAL NORMAL LEAS MAJOR MAJUTENAN
			EXPENSES CHEMICALS VICE + MARINE CANAL EXPENSES
25	45.20	10-	NG EXPENSE
203-	176.89	22.17	XPENSES ONTRACT
543-	189.13	183*	COMPANY LABOR EMPLOYEE RENEFITS
1 050 1 × 12 × 12			DPERATING EXPENSE
	RFV_111 82500000 RUY	VRK. INT. 1.0000000	TEASE 0333001 - 816 EDDY HVIT #53
DVER/UNDER BUDGET	ADJUSTMENTS ACTUAL	R HUDGET C	FIELD - NEW MEXICO UNDESIGNATED

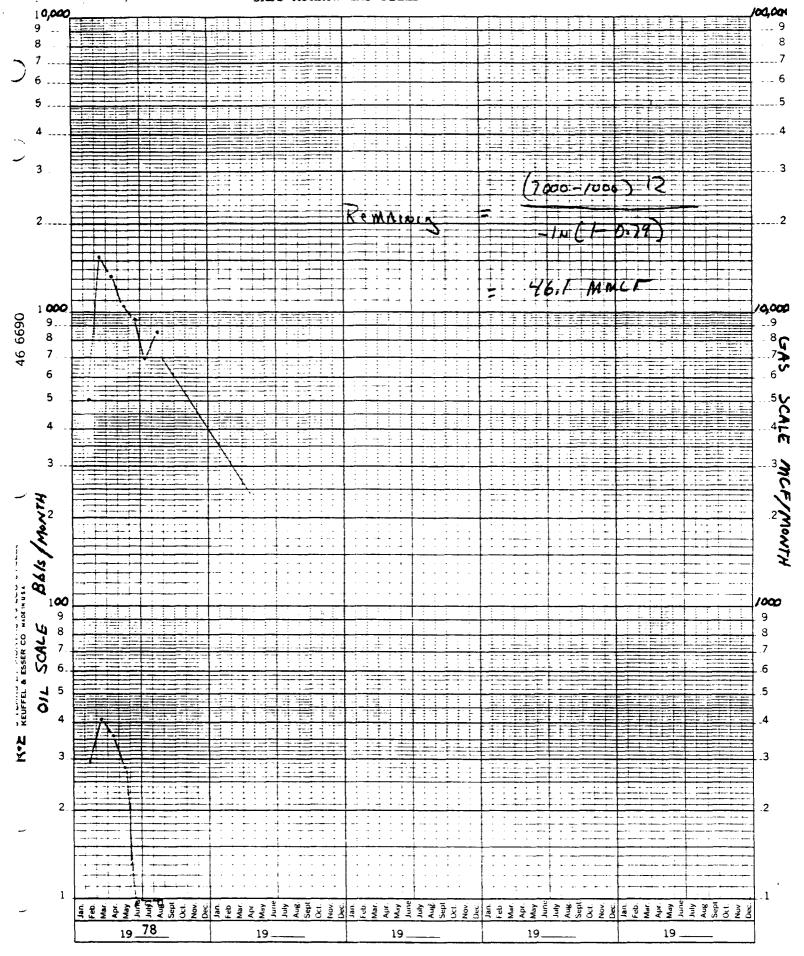
F 7/31/78	LEASE INCOME
RUN DATE	LEASE INCOME AND OPERATION REPORT
8/20/18	REPORT

193,748-	18,023.20 +		17,698-	18,023,20 4	TOTAL BASS GROSS REVENUE
193,748-	18,023.20		17,698-	18,023,20	GAS 1.65 1.65 CONDENSATE , PLANT PRODUCTS
0					HASS GROSS REVENUE CUR YTO
135,127-	10,972.17		13,713-	10,922.17	BASS NET VOLUMES  BRLS OF CRUDE DIL  MCF OF GAS  BBLS OF CONDENSATE  GALS OF PLANT PRODUCTS
6R+440-	32,302,06		3.236-	21.399.6P 37.13	HCF GAS NET PRODUCTION BALS OF CONDENSATE
	32,302,06		3.236-	21, 369, 58	BASS NET VOLUMES  MCF OF GAS  MCF OF GAS
137,877-	39,154,00		3,923-	25,939,00 45,00	SOF
137,877-	39,154,00		3,973	25,939.00	7.4
					IVB VOLUMES
	.82500000 RDY	REV. INT.	WRK . INT . 1 . 00000000		LEASE 0333001 - BIG EDDY INIT #53
	ACTUAL	CHRENT MINTH ADJUSTMENTS	ACTUAL OVER/UNDER BUDGET	ACTUAL	- NEW MEXICO UNDESIGNATED
		•	AND OPERATION REPORT	NCOME	LEA AS OF

## MONTHLY OIL & GAS PRODUCTION BIG EDDY UNIT WELL NO. 54 BASS MORROW GAS FIELD

•	01	L, BBLS	GA	S, MCF
1978	BOPM	CUMMULATIVE	MCF/mo	CUMMULATIVE
February March April May June July	29 41 36 28 1 0	29 70 106 134 135	5,018 15,408 13,288 10,518 9,540 6,972	5,018 20,426 33,714 44,232 53,772 60,744
August		135	8,484	69,228
TOTAL	135	135	69,228	69,228

MONTHLY OIL AND GAS PRODUCTION BIG EDDY UNIT WELL NO. 54 BASS MORROW GAS FIELD



BELD - HASS MONROW NOPTH KERMIT HEST TEXAS LEASE INCOME AND OPERATION REPORT
AS OF 7/31/78 RUN DATE ACTUAL CURRENT MONTH **OVER/UNDER BUDGET** PROD. + REV. CURRENT MONTH ADJUSTMENTS

72,94	:		INCOME SUBJECT TO REFUND BY FPC -MET
414,60	54,455-	60,834.45 **	PRIOR YEAR NET REVENUE ADJUSTMENT PRIOR YEAR LEASE OPERATIONS ADJ GRAND TOTAL NET LEASE INCOME
			71
414+6	54+455-	60,834.45	TOTAL NET LEASE OPERATING INCOME
55,0	5,076-	5,614.31	TOTAL BASS NET LEASE EXPENSES
			HAULING + PRUCESSING CHARGES-NET
2 + CE	4,133-	5,440,83	PRODUCTION + SEVERANCE TAXES-NET
15.0	-2%	173.48	TOTAL BASS LEASE OPERATIONS EXPENSE
18+	1.130-	208.19	TOTAL LEASE OPERATIONS EXPENSE
\$ 5 <b>4</b>	1.130-	209.19 *	HAJDA MAINTENANCE -AFF DETAIL-
			ALLOCATED AREA EXPENSE
			CANAL E
			LEASE SERVICE +
			CORROSION EXPENSES
A STATE OF THE STA			FUEL - WATER - PUTER + LURRICANTS
			一般的ない。 PART TAG TAX TAX TALV + VOPPLIES
	191-		RVICES
	7		1
	ンカロ 1	61.27	
<b>1</b>	105-	22.50	THE DESERVED TO
	5 <b>75</b> =	124-42	A BOR
		The state of the s	ENSE OPERATING EXPENSE

William Late

PROFIT MARGIN

					9000000 00 00 00 00 00 00 00 00 00 00 00
	72.963.29				THOME CURIECT TO DEFIND BY FOR MET
142,757-	414,698,00 **		54,455=	60,834,45 **	DPERAT
	•	i			ROYALTY INCOME - NET DE PROD.SEV.TAXES AD VALOREM TAXES - ROY -NET
142.757-	414+698.00	: :	54+4351	60+834-45	TOTAL NET LEASE OPERATING INCOME
3,126	55,024.46		5,076-	5+614.31	TOTAL BASS NET LEASE EXPENSES
	c				HAULING + PRUCESSING CHARGES-NET
6.784-	39.524.71	7	4,133-	5,440,83	+ SEVE
9,914	15,499,75		942-	173.48	TOTAL BASS LEASE OPERATIONS EXPENSE
11,898	18,599,78		1,130-	208.19	TOTAL LEASE OPERATIONS EXPENSE
3,423- 15,821	2,778.73 + 15,021.05		1 + 1 30 -	208.19 *	ATED ARE DRMAL LE MAINTEN
				And the second s	SYS +
					+ (
					N_MXPENSES
					BULLING EXPERISE
627- 345	334.45 346.90		191-		>
436- ROB-	200.17 788.58		258-	61.27	4 KV M
2,388-	1,108,62		575-	124.42	ANY
					TRASE OPERATIVE EXPENSE
JUNDER RUDGET	ACTUAL OVER/UNI	. K	TYPR/UNDER BUDGET		0
<u></u>	⇉	CURRENT MONTH	1TH	CURRENT MOR	WEST REXAS
			RATION REPORT	SIZTR AND OPE	AS OF

œ

# HASS ETITATED SENDUCTION COMPANY FT AT LEASE INCOME AND OPERATION REPORT AS DE 7/31/78 RUN DATE 8/20/78

DIV WEST TEXAS			PROD. + REV.	5	<b>(</b> ;
) - RASS	ACTUAL OVER/	OVER/UMDER HUDGET	VDJUSTMENTS	ACTUAL OVER	OVER/UNDER BUDGET
NOT					1
GROSS 8/8 VOLUMES  BRIS OF CRUDE AIL					
MCF OF GAS	65,430.00	R7.021-		590.516.00	217,730-
MCE GAS INJECTION	F	07 031	·		111111111111111111111111111111111111111
BBLS OF CONDENSATE	00.00	155-		923.00	143-
BASS NET VOLUMPS					
e, DE	45.755.75	50-044-		ADR. 440 23	150-104-
MCF GAS INJECTION		: •			1007104
	45,255.75	4,742		408,440,23	186,348
BRLS OF COMOENSATE	41.50	107-		638.41	186
SALES B.P.C.L					;
BASS NET VOLUMES					
3 30	59,348,83	45,851-		393,137.08	165,408-
GALS OF CONDENSATE	:	149-		596.90	157-
ABASS GROSS REVENUE CUR YID					(
CONDENSATE 1.11 1.17	66,448.76	57,610- 1.902-		462,327,28 7,395,18	137,532- 2,103-
TOTAL BASS GROSS REVENUE	66+448-76 *	59,532-		469,722.46	130+634-

ELD - BASS MORRUH	ACTUAL DVFR/U	TUNDER BUDGET	LOSS THENTS	ACTUAL	OVER/UNDER RUNGET
ASE 0833802 - BIG EDDY HVII #54	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	( I JT .	REV. INT 67916667	ROY	1
EASE OPERATING EXPENSE	;				
COMPANY LABOR EMPLOYEE RENEFITS EXPENSES OF EMPLOYFES					
CONTRACT LABOR CONTRACT SERVICES MAINTENANCE MATERIALS + SUPPLIES					
÷ ;					
HEMI CALS		· · · · · · · · · · · · · · · · · · ·		7 -	
LEASE SERVICE + HARINE TRANSPORT		Company of the control of the contro			
AREA EXPLUSE	:			•	
TEASE OPERATIONS EXPENSE				; ; ,	
TOTAL BASS LEASE OPERATIONS EXPENSE					
PRODUCTION + SEVERANCE TAXES-NET AD VALOREM TAXES - NET HAULING + PROCESSING CHARGES-NET	586.39	586	<b>3</b>	3.409.61	H(19 * E
TOTAL BASS NET LEASE EXPLUSES	586.39	596	Ų.	3,409.61	3,408
TOTAL NET LEASE OPERATING INCOME	8.044.44	8,044	46	46,637,24	46,635
T REVENUE ADJUS					<b>9</b>
FRAND TOTAL NET LEASE INCOME	8.044.44	8,044	46	46,637.24 **	46,635

# LEASE INCOME AND OPERATION REPORT 8114 DATE 8/20/78



# United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124 Albuquerque, New Mexico 87125

DEC 28 1978

Bass Enterprises Production Company Attention: Mr. Jens Hansen Fort Worth National Bank Building Fort Worth, Texas 76102 -no. 365

# Gentlemen:

The 1979 plan of development submitted for the Big Eddy unit area, Eddy County, New Mexico, was approved on this date subject to approval of the notice to drill by the District Engineer and like approval by the appropriate State officials.

Such plan proposes to drill nine wells on the unit area and one approved copy is enclosed.

Sincerely yours,

(ORIG. SGD.) JAMES W. SUTHERLAND

011 and Gas Supervisor, SRMA

### Enclosure

CC: NMOCD, Santa Fe (ltr. only)
Com. Pub. Lands, Santa Fe (ltr. only)



# United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124 Albuquerque, New Mexico 87125

DEC 07 1978

Bass Enterprises Production Company Attention: Mr. Jens Hansen Fort Worth National Bank Building Fort Worth, Texas 76102

n. 365

# Gentlemen:

On this date, your supplement to the 1978 plan of development and operation for the Big Eddy unit area, Eddy County, New Mexico, was approved. Such approval is subject to like approval by the appropriate State officials.

One approved copy is enclosed.

Sincerely yours,

(ORIG. SGD.) JAMES W. SUTHERLAND

Oil and Gas Supervisor, SRMA

Enclosure

cc:
NMOCD, Santa Fe (ltr. only)

Com. Pub. Lands, Santa Fe (1tr. only)

# OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

December 26, 1978

Bass Enterprises Production Co. Fort Worth National Bank Building Fort Worth, Texas 76102

Attention: Jens Hansen

Re: Case No. 365

Big Eddy Unit

1979 Plan of Development

# Gentlemen:

We hereby approve the 1979 Plan of Development for the Big Eddy Unit, Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

One appoved copy of the Plan of Development is returned herewith.

Yours very truly,

JOE D. RAMEY Director

JDR/LT/fd enc.

cc: U.S.G.S. - Roswell
Commissioner of Public Lands

# BASS ENTERPRISES PRODUCTION CO. FORT WORTH NATIONAL BANK BUILDING

FORT WORTH NATIONAL BANK BUILDING
FORT WORTH, TEXAS 76102
December 8, 1978

United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands P. O. Box 1148 Santa Fe, New Mexico 87501

Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501 Mo. 365 e

Re: 1979 Plan of Development

Big Eddy Unit

Eddy County, New Mexico

### Gentlemen:

In accordance with Section 10 of the Big Eddy Unit Agreement, Perry R. Bass, Operator for said Unit, hereby submits a Plan of Development for the above captioned unit for 1979.

# History of Past Development

We refer to our previous Plans of Development for a detailed description on this unit. To date, we have drilled or caused to be drilled 54 wells within the unit area.

# 1978 Activity

During the year of 1978 the following wells were drilled:

Big Eddy #57 - Located 1,980' FSL and 660' FWL, Section 30, Township 21 South, Range 29 East; was a Wildcat well drilled to a total depth of 4,725' to test the Bell Canyon and Cherry Canyon Formations of the Delaware Mountain Group. The well was plugged back to 3,920' with production casing run to 3,908' to test hydrocarbon shows in the Ramsey and Olds sands of the Bell Canyon Formation. Both sands were individually

perforated, treated and tested on surface pump for extended intervals with no recovery of hydrocarbons but only formation waters. This well is temporarily abandoned pending possible use as a salt water disposal well.

Big Eddy #58 - Located 2,310' FSL and 1,650' FWL, Section 35, Township 21 South, Range 28 East; was a development well in the Indian Flats Field drilled to a total depth of 3,820' to test the Bell Canyon Formation of the Delaware Mountain Group. Production casing was run to total depth. After perforation and treatment of the Indian Flats pay sand this well was completed as a producing oil well.

Big Eddy #59 - Located 1,665' FWL and 990' FNL, Section 35, Township 21 South, Range 28 East; was a development well in the Indian Flats Field drilled to a total depth of 3,790' to test the Bell Canyon Formation of the Delaware Mountain Group. This well was plugged and abandoned at total depth after formation evaluation indicated no produceable zones.

Big Eddy #60 - Located 1,980' FSL and 1,980' FEL, Section 20, Township 21 South, Range 28 East; was a development well drilled in the Bass-Morrow Gas Field to a total depth of 12,208' to test the Morrow Formation. This well was plugged back to 6,838' and production casing run to 6,824' to test the Bone Springs Formation. After perforation and treatment this interval produced non-pipeline quality gas due to CO2 and H2S content. At the present time the well is being tested to evaluate the economic efficiency of sweetening the produced gas to commercially acceptable standards.

Big Eddy #61 - Located 1,980' FSL and 1,980' FWL, Section 15 Township 21 South, Range 29 East; was a Wildcat well drilled to a total depth of 13,175' to test the Strawn and Morrow Formations. This well was plugged and abandoned at a PBTD of 11,164' after drill stem test recoveries indicated non-commercial Strawn and Morrow reservoirs.

Big Eddy #62 - Located 2,310' FWL and 330' FSL, Section 35, Township 21 South, Range 28 East; was a development well in the Indian Flats Field drilled to a total depth of 3,800' to test the Bell Canyon Formation of the Delaware Mountain Group. Production casing was run to total depth. After perforation and treatment of the Indian Flats pay sand this well was completed as a producing oil well.

Big Eddy #63 - Located 990' FWL and 330' FSL, Section 35, Township 21 South, Range 28 East; is a development well in the Indian Flats Field scheduled to be commenced before December 31, 1978 to a depth of 3,800' to test the Delaware Formation. This well was not listed in the 1978 Plan of Development nor the Supplemental Plan of Development for 1978, and we therefore request that same be added to our 1978 Supplemental Plan of Development.

Big Eddy #66 - Located 2,130' FWL and 1,980' FSL, Section 25, Townsihp 21 South, Range 28 East; is a currently drilling Wildcat well with a projected total depth of 12,800' to test the Morrow Formation.

Big Eddy #67 - Located 1,980' FSL and 990' FWL, Section 15, Township 21 South, Range 30 East; is a currently drilling Wildcat well with a projected total depth of 13,200' to test the Morrow Formation. This well is being operated by Mr. William Blanks, 302 Building of the Southwest, Midland, Texas 79701; and was not listed in the 1978 Plan of Development nor the Supplemental Plan of Development for 1978, and we therefore request that same be added to our 1978 Supplemental Plan of Development.

Big Eddy #69 - Located 330' FNL and 2,310' FWL, Section 2, Township 22 South, Range 28 East; was a development well in the Indian Flats Field drilled to a total depth of 3,796' to test the Bell Canyon Formation of the Delaware Mountain Group. This well was operated by LaRue and Muncy. Production casing was run to total depth. After perforation and treatment this well was completed as a producing oil well. This well was not listed in the 1978 Plan of Development nor the Supplemental Plan of Development for 1978, and we therefore request that same be added to our 1978 Supplemental Plan of Development.

Big Eddy #70 - Located 1,650' FNL and 1,650' FWL, Section 2, Township 22 South, Range 28 East; was a development well in the Indian Flats Field drilled to a total depth of 3,769' to test the Bell Canyon Formation of the Delaware Mountain Group. This well was operated by LaRue and Muncy. Production casing was run to total depth. After perforation and treatment, this well is being evaluated on pump. This well was not listed in the 1978 Plan of Development nor the Supplemental Plan of Development for 1978, and we therefore request that same be added to our 1978 Supplemental Plan of Development.

# Future Development

We plan to drill the following tests for unitized substances at the following tentative locations:

Big Eddy #64 SE/4 Section 35, Township 21 South, Range 28 East-Delaware

Big Eddy #65 NW/4 Section 31, Township 21 South, Range 28 East-Morrow This well was originally listed on our 1978 Supplemental Plan of Development, but due to rig scheduling this well will be drilled in 1979.

Big Eddy #68 SW/4 Section 10, Township 22 South, Range 28 East-Morrow

Big Eddy #71 NE/4 Section 2, Township 22 South, Range 28 East-Delaware

Big Eddy #72 SW/4 Section 3, Township 20 South, Range 31 East-Morrow

Big Eddy #73 SE/4 Section 15, Township 21 South, Range 29 East-Strawn

Big Eddy #74 NE/4 Section 7, Township 20 South, Range 31 East-Delaware

Big Eddy #75 NE/4 Section 16, Township 21 South, Range 29 East-Delaware

Big Eddy #76 SE/4 Section 26, Township 20 South, Range 30 East-Morrow

We are still attempting to secure permits for the drilling of Rodke #3, 1,980' FNL and 1,980' FWL, Section 27, Township 20 South, Range 31 East, and the Big Eddy #52, 1,980' FSL and 990' FEL, Section 27, Township 20 South, Range 31 East.

We are also reviewing our most recent seismic work and other data which may result in other well locations.

### Restrictive Drilling Areas

The Big Eddy #73 and 75 are located within areas recently designated "roadless" pursuant to "The Federal Land Policy and Management Act of 1976".

The Big Eddy #72 and 76 are located within the R-111 Potash Area.

We will endeavor to secure permits for these wells.

# Offset Obligations

Appropriate and adequate measures will be taken to prevent drainage of unitized substances from land subject to the Big Eddy Unit Agreement, or pursuant to applicable regulation, fair and reasonable compensatory royalty will be paid as provided by the Unit Agreement.

# Additional Development

This Plan of Development shall constitute the drilling obligations of the Unit Operator under the terms of the Big Eddy Unit Agreement for the period ending December 1979.

# Modifications

It is understood that this Plan of Development may be modified from time to time to meet changing conditions.

# Effective Date

This Plan of Development shall be effective January 1, 1979.

If this Plan of Development meets with your approval, please indicate by signing in the appropriate space provided below and return one copy for our records.

Sincerely

Jens H**a**nsen Division Landman

# OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

December 6, 1978

Bass Enterprises Production Co. Fort Worth National Bank Building Fort Worth, Texas 76102

Attention: Jens Hansen

Re: Case No. 365
Big Eddy Unit
1978 Supplemental
Plan of Development

Gentlemen:

We hereby approve the 1978 Supplemental Plan of Development for the Big Eddy Unit, Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

One approved copy of the Supplemental Plan of Development is returned herewith.

Yours very truly,

JOE D. RAMEY Director

JDR/LT/fd enc.

cc: U.S.G.S. - Roswell
Commissioner of Public Lands

# BASS ENTERPRISES PRODUCTION CO. FORT WORTH NATIONAL BANK BUILDING

FORT WORTH, TEXAS 76102

## November 14, 1978

United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands P. O. Box 1148 Santa Fe, New Mexico 87501

Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501 M. 365
Supplement

Re: Supplemental Plan of Development for 1978 Big Eddy Unit Eddy County, New Mexico

### Gentlemen:

With reference to our Plan of Development for 1978 covering the Big Eddy Unit, we wish to supplement this year's Plan of Development by including several wells which have already been drilled or will be drilled before the end of this year.

### 1978 ACTIVITY

To date we have drilled the following wells:

Big Eddy #57-Section 19, Township 21 South, Range 29 East Total depth 4,725' - Plugged and abandoned.

Big Eddy #58-Section 35, Township 21 South, Range 28 East Total depth 3,820' - Completed as a producer.

Big Eddy #60-Section 20, Township 21 South, Range 28 East Total depth 12,200' - Still attempting to
complete.

We have not been successful in securing permits for the drilling of the Rodke #3 or the Big Eddy #52, pursuant to the 1978 Plan of Development. We remain precluded from securing permits for these two wells due to their location in the Potash Area.

1.0 . 27 . . . .

## ADDITIONAL DEVELOPMENT FOR 1978

We have either drilled and completed, or will be drilling at the end of this year, the following additional wells which were not included in the 1978 Plan of Development.

- 1. Big Eddy #59 Projected depth 3,790', Delaware test, located 1,665' from the West line and 990' from the North line Section 35, Township 21 South, Range 28 East, spudded 4-3-78. Well was plugged and abandoned 4-22-78.
- 2. Big Eddy #61 Projected depth 13,170', Morrow test, located 1,980' from the South line and 1,980' from the West line, Section 15, Township 21 South, Range 29 East, spudded 5-30-78. Well was plugged and abandoned 8-6-78.
- 3. Big Eddy #62 Projected depth 3,800', Delaware test, located 2,310' from the West line and 330' from the South line Section 35, Township 21 South, Range 28 East, spudded 9-1-78. Well still being tested.
- 4. Big Eddy #65 Morrow test will be commenced before year-end barring unforeseen interuptions. Location is 1,980' from the West line and 660' from the North line, Section 31, Township 21 South, Range 28 East.
- 5. Big Eddy #66 Currently drilling, Morrow test, located 2,130' from the West line and 1,980' from the South line, Section 25, Township 21 South, Range 28 East.

If this Supplemental Plan of Development meets with your approval, please indicate in the appropriate space provided and return one copy for our file.

Jens Hansen

Division Landman

JH:dc

United States Geological Survey, et al November 14, 1978 Page 3
Agreed and accepted this
day of, 1978.
UNITED STATES GEOLOGICAL SURVEY
Agreed and accepted this day of, 1978.
COMMISSIONER OF PUBLIC LANDS
Agreed and accepted this  7th day of <u>December</u> , 1978.  OIL CONSERVATION COMMISSION  When the company of the co









Commissioner of Public Lands

November 27, 1978

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

PHIL R. LUCERO COMMISSIONER

Bass Enterprises Production Co. Fort Worth National Bank Building Fort Worth, Texas 76102

Re: Supplemental Plan of Development

for 1978 Big Eddy Unit

Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your supplemental Plan of Development for 1978, for the Big Eddy Unit, Eddy County, New Mexico. Our approval is subject to like approval by the United States Geological Survey and the Oil Conservation Division.

One approved copy is enclosed herewith for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

BY:

RAY D. GRAHAM, Director Oil and Gas Division

PRL/RDG/s encl.

cc:

OCD-Santa Fe, New Mexico USGS-Roswell, New Mexico USGS-Albuquerque, New Mexico

# BASS ENTERPRISES PRODUCTION CO. FORT WORTH NATIONAL BANK BUILDING FORT WORTH, TEXAS 76102

October 30, 1978

Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501 710.345

Re: Lease #4788 and LC-059365 Big Eddy Well #54 SW/4 Section 29, Township 21 South, Range 28 East Eddy County, New Mexico

# Gentlemen:

We recently drilled and completed the referenced well and have subsequently determined that this well is not a commercial well. Consequently, we request that same be produced and maintained on a lease basis thereby not receiving a participating area.

We enclose several pages of data to confirm our determination.

Jens Hansen

Division Landman

JH:dc

cc: Jack White

# BASS ENTERPRISES PRODUCTION CO. FORT WORTH NATIONAL BANK BUILDING

October 30, 1978

Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501

Re: Lease #4147, 14664,

E5230 and E831 Big Eddy Well #44

SE NE Section 16, Township 21 South, Range 30

East

Eddy County, New Mexico

## Gentlemen:

We recently drilled and completed the referenced well and have subsequently determined that this well is not a commercial well. Consequently, we request that same be produced and maintained on a lease basis thereby not receiving a participating area.

We enclose several pages of data to confirm our determination.

Jens Hansen

Division Landman

JH:dc

cc: Jack White

# BASS ENTERPRISES PRODUCTION CO. FORT WORTH NATIONAL BANK BUILDING FORT WORTH, TEXAS 76102

October 30, 1978

Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501

> Re: Lease #4063A, 4788, LC-060572 and LC-059365 Big Eddy Well #53 SW NE Section 8, Township 21 South, Range 28 East Eddy County, New Mexico

1000

### Gentlemen:

We recently drilled and completed the referenced well and have subsequently determined that this well is not a commercial well. Consequently, we request that same be produced and maintained on a lease basis thereby not receiving a participating area.

We enclose several pages of data to confirm our determination.

Jens Hansen Division Landman

JH:dc

cc: Jack White

TABLE I
DETERMINATION OF
WELL'S PROFITABILITY

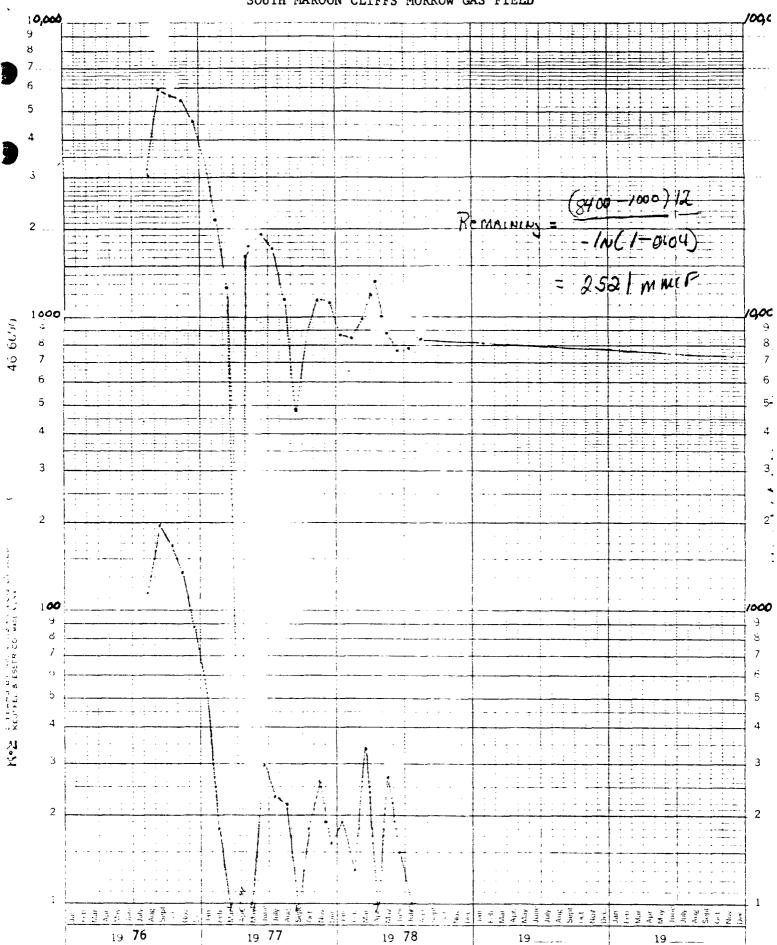
	BIG EDDY #44	BIG EDDY #53	BIG EDDY #54
WELL COST	\$827,998.94	\$573,144.39	\$639,472.11
GAS PRICE, GROSS \$/MCF	1.65	1.65	1.51
ROYALTY INTEREST,%	12.5	17.5	17.5
PROD & AD VAL TX,%	7.24	6.78	8.41
GAS PRICE, NET \$/MCF	1.34	1.27	1.14
CUMMULATIVE GAS, MMCF	479	61	69
REMAINING GAS, MMCF	2521	2439	46
ULTIMATE GAS, MMCF	3000	3000	115
ULTIMATE INCOME*,			
GROSS	\$4,020,000	\$3,807,000	\$131,000
	COMMERCIAL	COMMERCIAL	NON-COMMERCIAL

 $<sup>\</sup>star$  Before operating expense, repayment of investment and federal income tax

# MONTHLY OIL & GAS PRODUCTION BIG EDDY UNIT WELL NO. 44 SOUTH MAROON CLIFFS MORROW GAS FIELD

	01	L, BBLS	GAS	, MCF
<u>1976</u>	BOPM	CUMMULATIVE	MCF/mo	CUMMULATIVE
August September October November December	113 199 165 134 88	113 312 477 611 699	30,870 59,249 56,604 54,009 46,236	30,870 90,119 146,723 200,732 246,968
TOTAL	699	699	246,968	246,968
<u>1977</u>				
January February March April May June July August September October November December	54 18 4 0 4 30 23 22 1 18 26 16	753 771 775 775 779 809 832 854 855 873 899 915	34,649 21,395 12,434 41 17,649 19,107 17,006 11,609 4,659 8,530 11,635 11,359	281,617 303,012 315,446 315,487 333,136 352,243 369,249 380,858 385,517 394,047 405,682 417,041
1978				
January February March April May June July	19 13 34 7 27 15 5	934 947 981 988 1015 1030	8,627 8,579 9,894 10,319 8,786 7,609 7,764	425,668 434,247 444,141 454,460 463,246 470,855 478,619
TOTAL	120	1035	61,578	478,619

# BIG EDDY UNIT WELL NO. 44 SOUTH MAROON CLIFFS MORROW GAS FIELD



PRESE  PRESE  **CTUAL DYSTAWORK NUMBET** **CLURRENT NUMBET** **CLU				**************************************		
CURRENT   PRINTE		13,631.25			\$	SUBJECT TO REFUND BY FPC
CHARLE   CHARLE   CHEEKS   ACTUAL   OVER/UNDER RIDGET   ADJUSTMENTS   ADJUSTMENTS   ACTUAL   OVER/UNDER RIDGET   ADJUSTMENTS   ACTUAL   ADJUSTMENTS   ACTUAL   ADJUSTMENTS   ADJUSTMENTS   ADJUSTMENTS   ADJUSTMENTS   ACTUAL   ADJUSTMENTS   ACTUAL   ADJUSTMENTS   ADJUSTM		!		1 • 854	9,524.95 **	COME - NET OF TAXES - ROY - NET REVENUE A LEASE OPERATI
CHREST   TANS   CHREST   FORTH   FRET   FR	7,897-	81.664.83		1,864	9+524-95	TOTAL NET LEASE OPERATING INCOME
CURRENT NORTH   ARTHOUGH   CHARGET MONTH   CHARGET MONTH   ARTHOUGH   CHARGET MONTH   ARTHOUGH	4,408-	8,455,91		2.045-	993.17	BASS MET LEASE EXPENSE
CHRENT HONTH   CHRENT HONTH   CHRENT HONTH   CHRENT HONTH   CHRENT HONTH   CHRENT HONTH   CHRENT   CHRENT HONTH   CHRENT   CHRE	1,257-	6,527.30		79-	713.51	VALOREM VALOREM
CHREAT HORTH   YEAR TO DATE   CHEAT HORTH   YEAR TO DATE   TABLE   TAB	3,151-	1.424.52		1,956-	279.61	S LEASE OPERATIONS
CURRENT PARTY  O - SQUITH MARGING CLIFFS  ACTUAL OVER/JUNDER RIDGET ADJUSTMENTS  ACTUAL OVER/JUNDER RIDGET ADJUSTMENTS  ACTUAL OVER/JUNDER RIDGET ADJUSTMENTS  ACTUAL OVER/JUNDER RIDGET  ADJUSTMENTS  ADJUSTMENT	-151+F	1.928.52		1,946-	279.61	EXPENSE RECOVERTE
CURRENT MONTH CLIFFS  CURRENT MONTH CONTRIBUTE  CURRENT MONTH CONTRIBUTE  CONTRIBUTE CONTRIBUTE  CONTRIBUTE CONTRIBUTE  ACTUAL OVER/UNDER BUDGET ADJUSTMENTS  143.92  124-  14097.47  14097.47  147.47	1,151-	L,42H,52 •		1,946-	279.61 •	ATED AREA E DRMAL LEASE MAINTENARIO
TORTH TAND  - NORTH MARGINE CLIFFS  - CHRRENT MONTH - CURRENT MONTH - YEAR TO DATE - ACTUAL OVER/UNDER RUDGET ADJUSTMENTS - ACTUAL OVER/UNDER RU - PRINT - PRINT - ACTUAL OVER/UNDER RU - ACTUAL OVER/UNDER RU - PRINT						ATED SYS +
THE THE TOTAL CONTROL TO THE T						SERVICE + MARINE
- NORTH KIRNIT  - OPERATING EXPENSE  SE_OPERATING EXPENSE  THPANY LABOR PUTTS  143.92  143.92  124-  THPANY LABOR  PRINT						<b>+</b> 9
D - SOUTH MARGING CLIFFS ACTUAL OVER/UNDER BUDGET ADJUSTMENTS ACTUAL OVER/UNDER PU  SE_DPERATING EXPENSE  THE ACTUAL CLIRRENT MONTH CURRENT MONTH CURRENT ACTUAL OVER/UNDER PU  ACTUAL OVER/UNDER PU  THE ACTUAL CURRENT MONTH CURRENT ACTUAL OVER/UNDER PU  THE ACTUAL CURRENT MONTH CURRENT ACTUAL OVER/UNDER PU  ACTUAL OVER/UNDER PU  THE ACTUAL CURRENT MONTH CURRENT MONTH CURRENT ACTUAL OVER/UNDER PU  THE ACTUAL CURRENT MONTH CURRENT MONTH CURRENT ACTUAL OVER/UNDER PU  THE ACTUAL CURRENT MONTH CURRENT MONTH CURRENT MONTH M	125-	я5.94		30-	The state of the s	MATERIALS
- NORTH KIRMIT  CURRENT MONTH  CURRENT MONTH  CURRENT MONTH  ACTUAL  OVER/UNDER RUDGET  ADJUSTMENTS		( ) ( )			4	
CHRRENT MONTH CHRRENT MONTH CHRRENT MONTH CHRRENT MONTH CHRRENT MONTH YEAR TO DATE  D - SOUTH MARGING CHIEFS ACTUAL OVER/UNDER BUDGET ADJUSTMENTS ACTUAL OVER/UNDER BU  SE_OPERATING EXPENSE  143.92  124-  14037.47	150-	187.47		21-	26.09	7 m
CHRRENT MONTH CHERS CURRENT MONTH CURRENT MONTH CURRENT MONTH CURRENT MONTH ACTUAL OVER/UNDER BIDGET ADJUSTMENTS ACTUAL ACTUAL ADJUSTMENT ACTUAL ADJUSTMENT ACTUAL ADJUSTMENT ACTUAL ADJUSTMENT ACTUAL ADJUSTMENT ACTUAL ADJUSTMENT ADJ	P35-	1.037.47	And the second s	124-	143.92	
- NORTH KIRMIT CHRENT MONTH CHRENT MONTH CURRENT MONTH CURRENT MONTH ACTUAL OVER/UNDER BUDGET ADJUSTMENTS ACTUAL OVER/UNDER BUDGET ADJUSTMENT ADJUSTME						LEASE_OPERATING EXPENSE
	OVER JU	ACTUAL	CURRENT MONTH ADJUSTMENTS	1	RENT	

# HADD EVIENDEST OF ALTON COMPANY ET AL LEASE INCOME AND OPERATION REPORT AS OF 7/31/78 RUN DATE ALZOLTE

PAGE 45

AST TEXAS	OF 7/31/79 RUN DATE 8/20/78	PROD. + REV.		
エエ	ACTUAL OVER/UNDER BUDGET	CURRENT	ACTUAL OVE	DATE DUNGER BUNGET
B/8 VOLUMI	Š.		# # # # # # # # # # # # # # # # # # #	8 6 8 9 9 9
OF	7,764,00 970-		61,574.00	22,036-
THE GAS INCHOLINE	7 7 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
COND	5.00	•	120.00	120
STANS ZET VOLCERS				
LS DF	e distribuit de l'est			
TARCH ON TARCTION	0 + 7 1 9 + 3 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	•	73.880.77	149714-
SVE	6,793,50 848-	,	53.890.77	19,279-
COND			105.03	102
ת הייל ר				
#CF: OF CRUDE OIL #CF: OF CANDENSATE #ALS DE PLANT PRODUCTS	6,370 сня 1,271-		62,419,89	10,741-
SASSIGROSS REVENUE CUR YTD	Th			
DE OIL				A CONTRACTOR OF THE PROPERTY O
LONDENSATE 1.65 1.44 PLANT PRODUCTS	44 10.518.07 180-		90,120.74	12,306-
DEACHBASS GROSS REVENUE	10+518-07 * 180-		90-120-74 +	12.306-

# LEASE INCOME AND OPERATION REPORT AS OF 7/31/78 RUN DATE 8/20/78

T - NORTH KERMIT LD - SOUTH MAROON CLIFFS	ACTUAL OVER/	UNDER BUDGET	ADJUSTMENTS	ACTUAL (	OVER/UNDER BUDGET
SE 0331601 - BIG EDDY UNIT #44	エアス	. INT. 1.00000000	REV. 121 8	87500000 ROY	
ASE OPERATING EXPENSE					
LABOR	143.92	124-		1,077.47	836-
EXPENSES OF EMPLOYEES	109.60	71-		517.64	150=
RACT LABOR					
MAINTENANCE MATERIALS + SUPPLIES		1077-		46.50	1,890
ENSE					
ING CHEMICALS	:				
ALL DOALED SYS & FACILITIES EXP		e deprise de la company de la			· · · · · · · · · · · · · · · · · · ·
AREA G	279.61 +	1.945-		1,924,52	3.151-
TAL LEASE OPERATIONS EXPERSE	279.61	1.445-		1.924.52	3,151-
TOTAL BASS LEASE OPERATIONS EXPENSE	279.61	1+946-		1.928.52	3,151-
PRODUCTION + SEVERANCE TAXES-NET  HAULING + PROCESSING CHARGES-NET	713.51	99-		6,527.39	1,257-
TOTAL BASS NET LEASE EXPENSES	993.12	2+045-		H+455.91	4,408-
TAL NET LEASE OPERATING INCOME	9,524,95	1.864		B1,664.83	7,897-
OME - NET OF				The state of the s	
TAXES - ROY -NET					
IET LEA	9,524.95 **	1.864			7,897-
			:	7 - 0 7 5 · 2 3	

AS OF 7/31/78	LEASE INCOME AND OPERATION REPORT
/78	NCOME
	A NO
REZW UNIF	OPERATI
	ON RE
8/20/78	PURT
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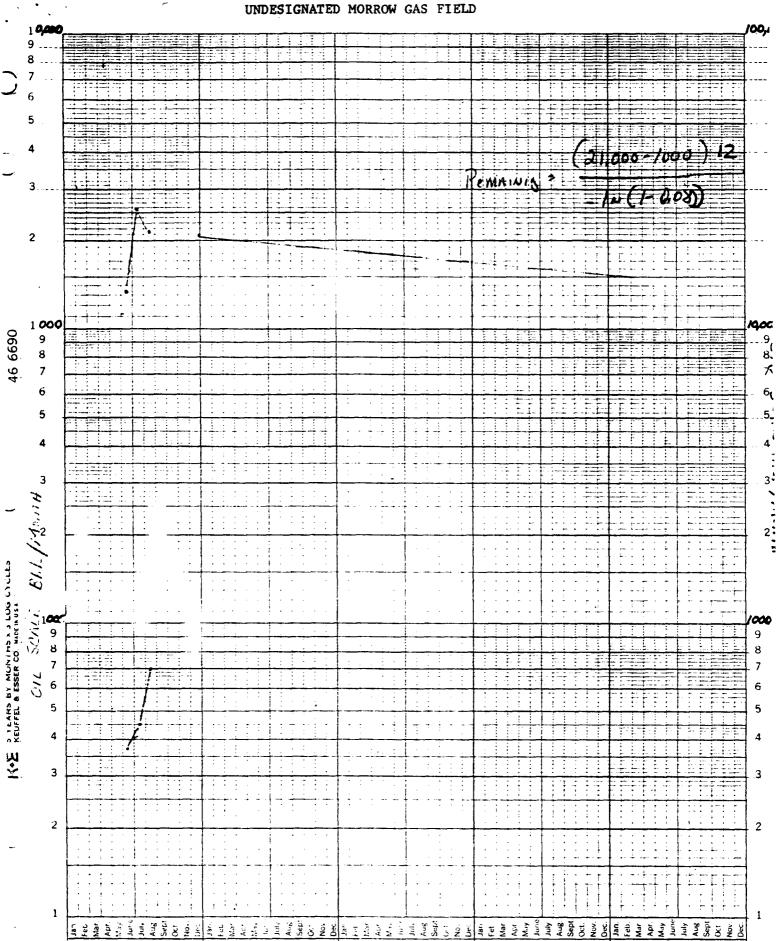
TEASE 0331601 -FIELD - SUUTH MAROON CLIFFS - WEST TEXAS BIG EDDY UNII 844 AS OF WRK . INT . 1 . 00000000 ACTUAL OVER/UN DVER/UNDER BUDGET RFV.197. .87500000 PROD. + RFV. CURRENT MONTH ADJUSTMENTS UVERZUNDER BUDGET

12,306-	90,120.74 *	1 40-	10.518.07 *	TOTAL BASS GROSS REVENUE
10000				
-40F-61	90-126-74	<b>1</b> 80 <b>-</b>	10.518.07	CRUDE DIL 1.65 1.44
: ,				BASS GROSS REVENUE CUR YID
; ;				GALS OF PLANT PRODUCTS
10,741-	62.415.69	1,2/1-	5+370+88	BRIS OF CONDENSATE
				BASS NET VOLUMES HALS OF CRUDE OIL
				H.P.C.L
				SALES
102	105.03	4	6.33	
10 370	1.3 880 77	302	6.793 50	MCF GAS NET PRODUCTION
19,279-	53.860.77	8481	6,793.50	MOR DE GAS
				BASS NET VOLUMES BBLS OF CRUDE OIL
120	120.00		5.00	BRLS OF CONDENSATE
22,036-	61+578+00	970-	7.764.00	MCF GAS NET PRUDUCTION
22,036-	61.578.00	970-	7+764.00	MCF OF GAS
				/8 VOLUMES
•			روا و الرواد المام ا	

# MONTHLY OIL & GAS PRODUCTION BIG EDDY UNIT WELL NO. 53 UNDESIGNATED MORROW GAS FIELD

	01	L, BBLS	GA	S, MCF
1978	BOPM	CUMMULATIVE	MCF/mo	CUMMULATIVE
June July August	37 45 70	37 82 152	13,215 25,939 21,503	13,215 39,154 60,657
TOTAL	152	152	60,657	60,657

### DIG EUDI UNII WELL NU. 33 INDESIGNATED MORROW GAS FIELD



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DEAD UPERATEU LAS DE 7/	E INCOME AND OPERATION	REPURT 8/20/78	PRIC		
T - NORTH	ACTUAL OVER/UNDER	BUDGET	CURRENT MONTH ADJUSTMENTS	YEAR TO DATE	DATE UVER/UNDER RUNGET
LEASE DERATING EXPENSE					
COMPANY LABOR		183-		189.13	543-
BENEFITS		33		33.9A	99-
CONTRACT LARDR	22.77	72-		176.89	203-
RVICES		20-		380.00	300 008
#1 .5 <b>4</b>					
FUEL . WATER . PINER + LURRICANTS		eg in green e de green e e e e e e e e e e e e e e e e e e			
CORRUSION EXPENSES					
LEASE SERVICE + WARTNE TRANSPORT					
EXPENSE					
ALLOCATED AREA EXPENSE					
TOTAL VORMAL LEASE OPERATIONS EXP	22.77 •	318-		845.20 *	74.740
CL EXPENSE RECOVERIE					
EASE UPE	72.77	31 d-		25,596.61	24,221
TOTAL BASS LEASE OPERATIONS EXPENSE	22.17	318-		25,586.61	24.221
PRODUCTION + SEVERANCE TAXES-NET	1,223,45	1.491-		1,223,45	14,871-
HAULING + PROCESSING CHARGES-NET				,	
TOTAL BASS NET LEASE EXPENSES	1.246.22	1,809-	er de entre en entre en entre en entre en entre en entre en	26,810.06	150,6
TOTAL NET LEASE OPERATING INCOME	16.776.98	15,889-		8.7P6.86-	-860*t02
ROYALTY INCOME - NET OF PROD. SEV. TAXES					
NET REVENUE		-		The state of the s	T. de de la constante de la co
DTAL NET LEASE INCOME	16,776.98 **	15,889-		8,786.86- +*	203,098-
INCOME SUBJECT TO REFUND BY FDC -NET			:		
PROFIT HARGIN	3 66			HEGATIVE	

PASS	ENTERPRISES PRODU	CTAT FI A			
	LEASE INCOME AND	OPERATION REPORT			
- NORTH KERMIT	CURRENT MONT	!	PROD. + REV.	Y 17 > 7.	TO DATE
1 1	OVER/L	JNDER BUDGET			OVER/UNDER HUDGET
!	NO.				
ROSS 878 VOLUMES					
MCF: OF GAS	25,939,00	3,923-		39,154,00	137,877-
MOR GAS NET PRODUCTION	25. 939. 00	ָּבְּנָסְ יַּבְּ		39.154.00	137.877-
BRLS OF CONDENSATE	45.00	<b>3</b>		82.00	#2
BASS NET VOLUMES					Approximate to the second seco
BHLS OF CRUDE DIL	31 300 68	3 2 2 2		30 202 06	113.767
NOT GAS INJECTION	/1+375•00	3 4 6 70 =		32 4 377 6 00	
•	21,399,6H	2.606		32,302,06	47,5351
S DF CONC	37.13	17		57.65	67
n.P.C.I.					
BASS MET VOLUMES					
3 3 5	13,922,17	13,713-		10,422,17	135,127-
CADDE OIL CADDE COR YED	JC+ YID				•
	65 18,023,20	17,698-		18,023,20	193,748-
TAL BASS GROSS REVENUE	18.023.20 *	17,698-		18,023.20 +	193,748-
		;			

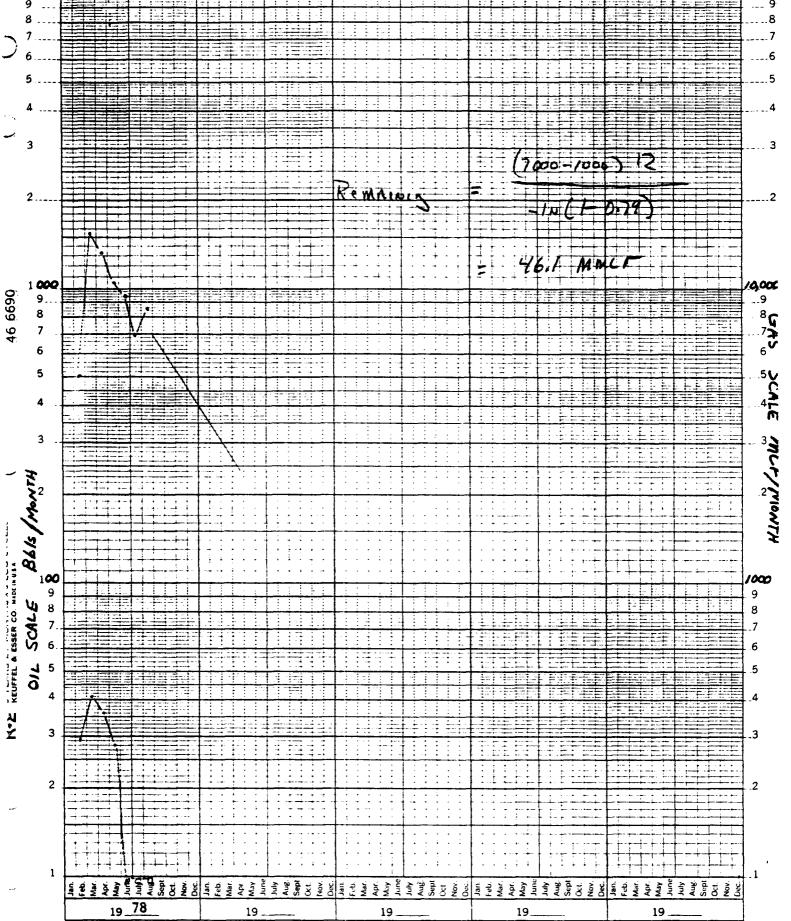
TEID - NEW MEXICO UNDESIGNATED	CURRENT HONTH	FR ZIPIJER RIBJEFT	PROD. + REV. CURRENT MONTH	YEAR	10 DATE
TEASE 0333001 - 816 EDDY HVIT 453	1		• :	82500000 RUY	
LEASE DERATING EXPENSE				i ,	4-8-12
		183-		189.13	543-
EXPENSES OF EXPLOYEES	22.17	72-		33.98 176.89	-66 -66
LAR				0	V (2)
<b>&gt;</b> -	AND THE CONTRACTOR OF THE CONTRACTOR CONTRAC	20- 10-		350.00	300
PULLING EXPENSE  FUEL: WATER. POWER! + LURRICANTS					
ING CHEMICALS					
TANK INC.	and a state of the				
OCATED AREA EX	; ;				
ENAMOR -AFE DETAIL		Š		0400	
-	22.17	-916-		845.20	519-
TOTAL BASS LEASE OPERATIONS EXPENSE	22.77	318-		845.20	· 19-
PRODUCTION + SEVERANCE TAXES-HET AD VALOREM TAXES - NET HAULING + PROCESSING CHARGES-NET	1,223,45	1.491-		1,223,45	14,871-
TOTAL BASS NET LEASE EXPENSES	1.246.22	1,809-		2,068.05	15,389-
TOTAL NET LEASE OPERATING INCOME	16,776.98	15,839-		15,954,55	178,358-
VALITY INCOME - NE	e de la companya de		AND	e de la companya e la conditionament de maine de la companya de la companya de la companya de la companya de l	Company of the Compan
EVENUE A					· · · · · · · · · · · · · · · · · · ·
PAND TOTAL NET LEASE INCOME	15,776.98 **	15.839-		15,954.55	178,358-
INCOME SUBJECT TO REFUND DY FPC -NET					
	<b>4</b>			8.8	•

7/31/78	LEASE INCOME AND OPERATION REPORT
RUN DATE	OPERATION
8/20/18	REPORT

PIELD - NEW MEXICO UNDESIGNATED	ACTUAL OVER	MONTH OVER/UNDER BUDGET	AUJUSTMENTS	ACTUAL ACTUAL	10 DATE OVER JUNDER BUDGET
LEASE 0333001 - BIG EDDY UNIT #5	3	RK - INT - 1 - 00000000	REV. INT	.82500000 ROY	00000 ROY
\&					
6 7	25,939.00	3.973-		39,154,00	137,877-
GAS INJE	1F 030 30				
LA	45.00	45		00.58	1314811-
BASS NET VOLUMES			:		
OF G	21, 399, 68	3.236-		32,302.06	113,747-
MCF GAS NET PRODUCTION	21,399.6P	3.236-		32+392+06 67-66	68,440-
SALES					
: (					
3.5					
BBLS OF CONDENSATE GALS OF PLANT PRODUCTS	13,922,17	13,713-		10,972,17	135,127-
DATE CORES PROFILE UNIT PAICE					&
שב סור			ATT THE PROPERTY OF THE PROPER		
CONDENSATE PLANT PRODUCTS	7 4 4 4 5 5 5 4 4 5 V			107707	
TOTAL BASS GROSS REVENUE	18,023,20 +	17,698-		16,023,20 +	193,748-

# MONTHLY OIL & GAS PRODUCTION BIG EDDY UNIT WELL NO. 54 BASS MORROW GAS FIELD

	01	L, BBLS	GA	IS, MCF
1978	BOPM	CUMMULATIVE	MCF/mo	CUMMULATIVE
February	29	29	5,018	5,018
March	41	70	15,408	20,426
April	36	106	13,288	33,714
May	28	134	10,518	44,232
June	1	135	9,540	53,772
July	0	135	6,972	60,744
August	0	135	8,484	69,228
				<del></del>
TOTAL	135	135	69,228	69,228



AND OPERATION DEDING

PAGE

72,943.2		:		INCOME SUBJECT TO REFUND BY FPC -MET
414,698.0	;		60,834.45 **	NET REVENUE LEASE DPERAT VET LFASE INC
				AD VALDREM TAXES - ROY -NET
414+698.0		54.4551	60+834-45	TOTAL NET LEASE OPERATING INCOME
55,024.4		5,076-	5.614.31	TOTAL BASS NET LEASE EXPENSES
39,524.	·	4.133-	5.440.83	PRODUCTION + SEVERANCE TAXES-NET AD VALOREM TAXES - NET HAULING + PRUCESSING CHARGES-NET
15+499.		942-	173.48	TOTAL BASS LEASE OPERATIONS EXPENSE
18,599.		1+130-	208.19	TOTAL LEASE OPERATIONS EXPENSE
2,776.		1,130-	203.19 *	
				EXPENSE + FACILIT
			•	SERVICE + MARIA ING CHEMICALS
The second secon	The same is a substitute of the same of th			FUEL WATER - PUTER + LUBRICANTS
334 346		101-		<b>&gt;</b> -
788		258-	61.27	is m
1,10%		575-	124.42	LABOR
	;			ABE OPERATING EXPENSE
VCIC	ADJUSTMENTS	R/UNDER BUDGET	ACTUAL OVER	BASS
	CURRENT MONTH		RENT MO	HEST TEXAS
		DATE 8/20/78	31/78 AND OPERA	AS OF 7/

PROFIT MARGIN

7 10

LEASE INCOME AND OPERATION REPORT
AS DE 7/31/78 RIN DATE 8/20/78

PAGE

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AS UT	31/7H RUN DATE	ATE 8/20/78			
WEST TEXAS	CURRENT MON	H	CURRENT MONTH		IN DATE
HASS	i	VFR/UNDER BUDGET	1 2 1	VCIAVE	OVER/UNDER RUDGET
SE OPERATING EXPENSE				i i	
TORPANY LABOR	124.42	575-		1.108.62	2.388-
MANDLOYEE BENEFITS	22.50	105-		200.17	436-
1	61.27	258-		788.58	ROB-
語語語・TONT PACT SERVICES		191-		79,458	627-
BANKTTVANCE MATERIALS + SUPPLIES		;		346.90	いない。
ENSE			ente esta de la companya de la comp	Section of the sectio	
FUEL SATER PURER + CURRICARTS					
CONTUNE CHEMICAL S	•				
LEASE SERVICE + MARINE TRANSPORT					
			•		
V 3 L V		Acquire to a common on the common of the com	The state of the s		
TOTAL GORMAL LEASE DEERATIONS EXP	208.19 *	1,130-		2,778,73 *	3,423= =£24,£
JVER 1E					•
77	208.19	1.130-		18.599.78	11,898
TOTAL BASS LEASE OPERATIONS EXPENSE	173.48	942-		15,499.75	16.6
PRODUCTION + SEVERANCE TAXES-NET	5,440.83	4.133-	1	39.524.71	6.784-
7					-
TOTAL BASS NET LEASE EXPENSES	5,614.31	5,076-		55,024.46	3,126
TOTAL NET LEASE OPERATING INCOME	60+834-45	54.455-		414.698.00	142,757-
AD VALDREM TAXES - ROY -NET					
133.4					
GRAND TOTAL NET LEASE INCOME	60,834,45 **	54,455-		414,69H.00 **	142,757-
INCOME SUBJECT TO REFUND BY FPC -MET				72,943,29	

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PROFIT MARGIN

91 %

INCOME AND	11515
E AND OPERATION REPORT	PRODUCTION COMPANY ET I
	-

AS O	ETTEXPAINTS PRUDUCT LEASE INCOME AND OP F 7/31/78	DCTION COMPANY ET AL OPERATION REPORT 8/20/78		PAGE 9	
DIV - WEST TEXAS	つこれので	MOZI	PRUD. + REV.		TO DATE
3	ACTUAL	1 3	SINTHENTS	ACTUAL	OVER JUNDER RUDGET
PRODUCTION					
8 VOLUM					
MOR OF CACOR SIC	00-069-59	87.021-		500-516-00	217-730-
SVS.				0 0 0 0 0 0	
- 1	65,430.00	R7.021-		570,516.00	217,730-
D.F.	£0.00	155-		923.00	143-
BASS NET VOLUMES					
BBLS OF				and applications of the second	;
SOF GAS IN ISCTION	45,255,75	59,944-		403,440,23	150,104-
٠. ر	45,255.75	4.742		408,440,23	184, 348
BALS OF CONDENSATE	41.50	107-		638.41	t R t
SALFS n.P.C.L					
BASS NET VOLUMES  BRES OF CRUOF OIL	בט מאנים א	۶. ت		303 137 OB	
33		169-		596.90	152-
UNIT PR					
CUR YIT					
	66,448.76	-206.1		462,327.28 7,395.18	137,532- 2,103-
	i !				
TOTAL BASS GROSS REVENUE	66,448.76	59,532-		469.722.46 +	130,634-

LEASE INCOME AND OPERATION REPORT

TOTAL NET LEASE OPERATING INCOME MAND TOTAL NET LEASE INCOME PRIOR YEAR LEASE OPERATIONS AND TOTAL LEASE UPERATIONS EXPENSE INCOME SUBJECT TO REFUND BY FPC -MET AD VALOREM TAXES - ROY -NET EASE OPERATING EXPENSE TOTAL NORMAL LEASE OPERATIONS EXP ELD - BASS MORRUW ASF 0833802 HAULING + PROCESSING CHARGES-NET PRODUCTION + SEVERANCE TAXES-NET MAJOR MAINTENANCE -AFF DETAIL-MISCL' EXPENSE RECOVERIES ROAD AND CANAL FXPENSE AD VALOREM TAXES - NET ALLOCATED AREA EXPLUSE PULLING EXPENSE ALLOCATED SYS + FACILITIES FYP LEASE SERVICE + MARINE TREATING CHEMICALS CORRUSION EXPENSES FUEL . WATER . PUNER + LUBRICAUTS MAINTENANCE MATERIALS + SUPPLIES CONTRACT SERVICES CONTRACT LABOR EMPLOYEE RENEFITS COMPANY LABOR EXPENSES OF EMPLOYEES TOTAL BASS NET LEASE EXPENSES TOTAL BASS LEASE OPERATIONS EXPENSE NORTH KERNIT WEST TEXAS BIG EDDY UNIT #54 TRANSPORT 3.044.44 8.044.44 ACTUAL OVER/U 586.39 546.39 RIIN DATE 8/20/18 OVER JUNDER BUDGET WRK. TUT. 8,044 8,044 596 ひおひ CURRENT MONTH PROD. + REV. ADJUSTMENTS RFV.1NT. .67916667 46,637.24 46,637.24 2.643.1R 3,409.61 3,409.61 ACTUAL RUY YEAR ID DATE DVER/UNDER 6,635 3,408 5,635 H(17 & E RUNGE

	. The state of the				<b>x</b> 0	:	PRODUCTION
	707	REV.14167915667	REV. 1711.	モボス・127	BIG EDDY UNIT 454	816 ED01	LEASE 0833802 -
OVER/UNDER SUBGE	ACTUAL		ADJUSTMENTS	OVER/UNDER BUDGET	ACTUAL		FIELD - BASS MORRUM
YEAR IO DATE	Y£ 18		CHRRENT MONTH	CURRENT MONTH	CURRE		DIST - NORTH KERMIT
				RUIN DATE 8/20/78	AS DE 1/31/78 ANT DERAIL		
	PAGE 49	· •			- PART - 1770 - 177 000 000 000 000 000 000 000 000 000		

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BALS OF CRUDE UIL

BRLS OF CRUDE OIL	000			
MCF GAS INJECTION  MCF GAS NET PRODUCTION			!	
BASS NET VOLUMES BALS OF CRUDE DIL				
MOR GAS INJECTION  HOLE GAS INJECTION  HOLE GAS OF COUNTRIES		64+685		336+452
SALFS B.P.C.I				
BASS NET VOLUMES BALS OF COUDENSATE GALS OF PLANT PRODUCTS	5.241.13	5.241	40,516,99	30.514
EVENUE CIR	P3JCF YIO			
1.64	1,63 8,630,83	B+63Q	50,046.85	50,044
TOTAL BASS GROSS REVENUE	8+630,83 +	8,630	521046.85 +	50,044



# United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124 Albuquerque, New Mexico 37129 CONSERVATION CONS

JAN 23 1978

Perry R. Bass Attention: Mr. William A. Hamilton Fort Worth National Bank Building Fort Worth, Texas 76102

No. 365

### Gentlemen:

The 1978 plan of development submitted for the Big Eddy unit area. Eddy County, New Mexico, was approved on this date subject to like approval by the appropriate State officials.

Such plan, proposes the drilling of unit wells No. 37, 50 and 63 on lands outside existing participating areas. Three approved copies are enclosed.

Sinceraly yours,

(ORIG. SGD.) JAMES W. SUTHERLAND

AREA OIL AND GAS SUPERVISOR, SRMA

Enclosures

cc:
NMOCC, Santa Fe (ltr. only)
Com. Pub. Lands, Santa Fe (ltr. only)

# State of New Mexico





# Commissioner of Public Lands

PHIL R. LUCERO COMMISSIONER

January 20, 1978

P. O. BOX 1148 SANTA FE, NEW MEXICO 87501

Fort Worth National Bank Building Fort Worth, Texas 76102

no. 3 65

Re: 1978 Plan of Development Big Eddy Unit Eddy County, New Mexico

ATTENTION: Mr. Mm. Arthur Hemilton

### Goot lemen:

The Commissioner of Public Lands has this date approved your 1978 Plan of Development for the Big Eddy Unit, Eddy Gounty, New Maxico. Your plan calls for the drilling of wells No. 57, 58 and 60, also the Rodke # 3 and Big Eddy # 52.

This approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

BY: RAY D. GRAHAM, Director Oil and Gas Division

PRL/RDG/s encls.

ce:

OCC-Santa Fe, Now Mexico UEGS-Roswell, New Mexico USGS-Albuquerque, New Mexico noiseinmos noisensenos no

# OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

January 10, 1978

Perry R. Bass Fort Worth National Bank Building Fort Worth, Texas 76102

Attention: Wm. Arthur Hamilton

Re: Case No. 365

Big Eddy Unit

1978 Plan of Development

### Gentlemen:

We hereby approve the 1978 Plan of Development for the Big Eddy Unit, Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

One approved copy of the Plan of Development is returned herewith.

Very truly yours,

JOE D. RAMEY Secretary-Director

JDR/LT/fd enc.

cc: U.S.G.S. - Roswell

Commissioner of Public Lands

# PERRY R. BASS FORT WORTH NATIONAL BANK BUILDING FORT WORTH, TEXAS 76102

December 27, 1977

United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands P.O. Box 1148 Santa Fe, New Mexico 87501

Oil Conservation Commission P.O. Box 2088 Santa Fe, New Mexico 87501

Jun. 345

Re: 1978 Plan of Development Big Eddy Unit

Eddy County, New Mexico

### Gentlemen:

In accordance with Section 10 of the Big Eddy Unit Agreement, Perry R. Bass, Operator for said Unit hereby submits a Plan of Development for the above captioned Unit for 1978.

### History of Past Development

We refer to our previous Plans of Development for a detailed description on this Unit. To date, we have drilled, or caused to be drilled, 45 tests within the Unit Area.

### 1977 Activity

During the year 1977, the Big Eddy #53, 1980' FN & EL, Section 8-21S-28E, was drilled to a total depth of 12,130' and was productive in the Morrow Formation. It was PB and perforated at 11,647-11,815' and was tested for up to 2,000 MCFGPD but official test will not be made until ready to place on production. We have entered into a gas sales contract with Natural Gas Pipeline Co. of America and are now waiting for a certificate from the FERC so that this well can be placed on production.

1

Big Eddy #54, 1180' FSL & 1980' FWL, Section 29-21S-28E, was drilled to a total depth of 12,263' and was productive in the Morrow Formation. It was PB to 11,943', perforated from 11,864-926' and was completed for an AOF of 1085 MCFGPD. This well will be connected to the pipeline in the very near future.

Big Eddy #55, 660' FS & EL, Section 19-21S-29E, was spudded on September 2, 1977 and drilled to a total depth of 6612' in the Bone Spring Formation. After testing non-productive it was P & A on October 18, 1977.

Big Eddy #56, 1980' FNL & 2310' FEL, Section 35-21S-28E, was drilled to a total depth of 3800' and was dry and is now being converted to a salt water disposal well.

### Future Development

We plan to drill the following tests for unitized substances at the following tentative locations:

Big Eddy #57 - 1980' FSL & 660' FWL, Section 30-21S-28E Big Eddy #58 - 2310' FSL & 1650' FWL, Section 35-21S-28E Big Eddy #60 - 1980' FS & EL, Section 20-21S-28E

In addition to the above wells, we are attempting to secure permits for the drilling of the Rodke #3, 1980' FN & WL, Section 27-20S-31E, and Big Eddy #52, 1980' FSL & 990' FEL, Section 27-20S-31E.

We also are reviewing our most recent seismic work to help delineate other wildcat locations.

### Offset Obligations

Appropriate and adequate measures will be taken to prevent drainage of unitized substances from land subject to the Big Eddy Unit Agreement, or, pursuant to applicable regulation, fair and reasonable compensatory royalty will be paid as provided by the Unit Agreement.

### Additional Development

This Plan of Development shall constitute the drilling obligations of the Unit Operator under the terms of the Big Eddy Unit Agreement for the period ending December 31, 1978.

### <u>Modifications</u>

It is understood that this Plan of Development may be modified from time to time to meet changing conditions.

### Effective Date

This Plan of Development shall be effective January 1, 1978.

If this Plan of Development meets with your approval, please indicate in the appropriate space provided and return one copy for our files.

Sincerely,

PERRY R. BASS, Unit Operator

By Won Mithur Smilton

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1b	
APPROVED: Supervisor, United States Geological Survey	Date
APPROVED: Commissioner of Public Lands	Date
APPROVED: Oil/Conservation Commission	Date 1/11/78

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## United States Department of the Interior

GEOLOGICAL SURVEY

Conservation Division
Western Bank Building
505 Marquette, NW, Room 815
Albuquerque, New Mexico 87102

APR 15 1977

Perry R. Bass

Attention: Mr. Robert B. Coleman Fort Worth National Bank Building

Fort Worth, Texas 79701

### Gentlemen:

Your application of November 15, 1976, requesting approval of an initial Horrow participating area for the Big Eddy unit agreement, Eddy and Lea Counties, New Mexico, was approved on this date, by the Area Oil and Gas Supervisor, U. S. Geological Survey, effective as of August 1, 1976. Such participating area is designated as the initial Horrow "B" participating area inessuch it is separated from the two currently existing Horrow participating areas.

The initial Morrow "B" participating area embraces 320 acres of State land described as the Ng of sec. 16, T.215., R.30K., N.M.P.M., and is based on the August 26, 1976 completion of unit well No. 44 in the SEMMER of sec. 16 as a well capable of producing scitized substances in paying quantities from the Morrow interval 13,073 to 13,082 feet.

Copies of the approved application are being distributed to the appropriate Federal offices, and one copy is returned herewith.

Sincerely yours,

JAMES A, KNAUF

ACTING Area Oil and Gas Supervisor

### Enclosure

cc.

BLM, Santa Fe (w/enclosure)
Comm. of Pub. lands, Santa Fe (ltr. only)
NMOCC, Santa Fe (ltr. only)



## United States Department of the Interior

GEOLOGICAL SURVEY

Western Bank Building 505 Harquette, NW, Room \$25 Albuquerque, New Mexico 87102

FF5 0 1 1977

Perry R. Bass Attention: Rr. Robert B. Colemna P. O. Bon 171 Midland, Taxos 79701

### Gentlemen:

One approved copy of your 1977 Plan of Davelopment for the Big Eddy Unit Area, Eddy County, New Mexico, is enclosed. Such plan, proposing the drilling of unit wells Ed. 41, 53 and 54 was approved on this date subject to approval of the Notices to Brill by the District Engineer and like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SOF A 11 MES W. GUYENERLAND

Area Oil and Gas Supervisor

### Maclosure

cc: NMOCC, Sants Fe Com. Pub. Lands, Sants Fe Artesia (w/cy plan)



DIRECTOR JOE D. RAMEY

### **OIL CONSERVATION COMMISSION**

STATE OF NEW MEXICO P. O. BOX 2088 - SANTA FE 87501

LAND COMMISSIONER PHIL R. LUCERO



STATE GEOLOGIST EMERY C. ARNOLD

January 4, 1977

Perry R. Bass Fort Worth National Bank Building Fort Worth, Texas 76102

Re: Initial Participating Area,

Morrow Formation Big Eddy Unit

Eddy and Lea Counties,

New Mexico

### Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Initial Participating Area for the Morrow Formation consisting of the N/2 of Section 16, Township 21 South, Range 30 East, in the Big Eddy Unit area. Approval of the Morrow Participating Area is subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

It is recommended that creation of a new pool for the area be carried out through regular channels.

One approved copy of the approval is returned herewith.

ry truly yours

Secretary-Director

JDR/JEK/og

cc: Commissioner of Public Lands Santa Fe, New Mexico

> U. S. Geological Survey Roswell, New Mexico

# PERRY R. BASS FORT WORTH NATIONAL BANK BUILDING FORT WORTH, TEXAS 76102

November 15, 1976

Re: Big Eddy Unit No. 14-08-001-326

U. S. Geological Survey Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands P.O. Box 1148 Santa Fe, New Mexico 87501

Oil Conservation Commission P.O. Box 2088 Santa Fe, New Mexico 87501

### Gentlemen:

Reference is made to the above captioned Unit covering lands located in Eddy and Lea Counties, New Mexico. Perry R. Bass, as operator, hereby requests that an Initial Participating Area of the N/2 of Section 16-T21S-R30E be established for the Morrow formation.

The Perry R. Bass #44 Big Eddy Unit well, located in SE NE of Section 16, T21S-R30E, was drilled to a total depth of 13,544' and was plugged back to 13,130'. The well was then completed in the Morrow Formation from perforations from 13,073-82' for an initial AOF potential of 2,068 MCF of gas per day. As the well was completed on August 28, 1976, we recommend that the effective date of the Initial Participating Area be August 1, 1976, and that this be declared a separate and distinct pool from other Morrow production in the unit.

In support of this application, the following are attached hereto and made a part hereof:

Exhibit "A": Map showing portion of Unit boundary and

Initial Participating Area.

Exhibit "A": Schedule showing lands entitled to participate in

unitized substances produced from the Morrow formation, with the percentage of participation of

each lease indicated thereon.

Exhibit "C": Geological structure map.

U. S. Geological Survey Commissioner of Public Lands Oil Conservation Commission November 15, 1975 Page Z

As unit operator, we hereby respectfully submit that a Morrow Participating Area covering the N/2 of Section 16 be established in accordance with the terms and provisions of the Big Eddy Unit Agreement.

Yours very truly,

PERRY R. BASS amer M. D WAH/WPD/16 Attachments APPROVED: U. S. Geological Survey By Date Commissioner of Public Lands By Date New Mexico Oil Conservation Commission

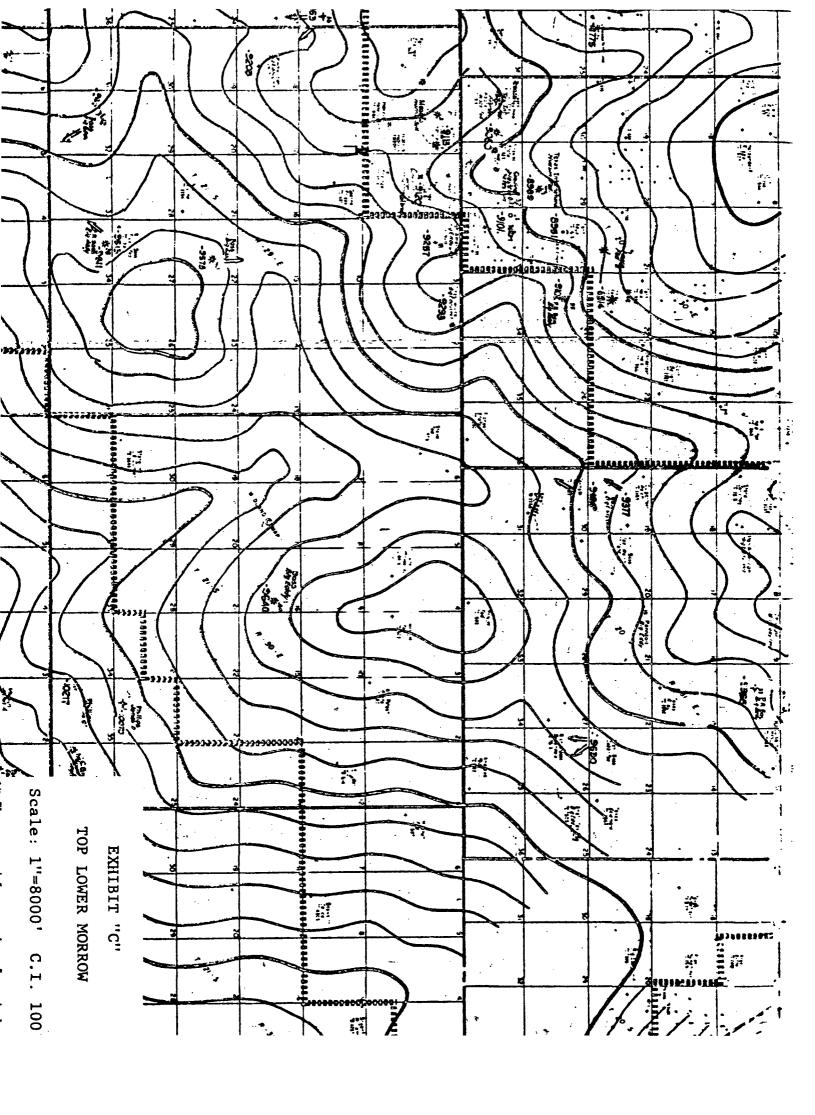


EXHIBIT "B"

# Initial Participating Area for the Morrow Formation

Lease Number	Description	Acres	Working Interest	Royalty	Tract Participation Percentage
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### OIL CONSERVATION COMMISSION

P. O. BOX 2088

### SANTA FE, NEW MEXICO 87501

Tim

December 21, 1976

Perry R. Bass P. O. Box 171 Midland, Texas 79701

Attention: Mr. Robert B. Coleman

Re: 1977 Plan of Development, Big Eddy Unit, Eddy County,

New Mexico

### Gertlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Plan of Development for the calendar year 1977 for the Big Eddy Unit, Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Two approved copies of the plan are teturned herewith.

Very truly yours,

JOE D. RAMEY Secretary-Director

JDE:/JEK/og

cc: Commissioner of Public Lands - Santa Fe United States Geological Survey - Roswell GENERAL OFFICES-FORT WORTH

### PERRY R. BASS

post office box 171
MIDLAND, TEXAS 79701

December 13, 1976

United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands P.O. Box 1148 Santa Fe, New Mexico 87501

Oil Conservation Commission P.O. Box 2088
Santa Fe, New Mexico 87501

Re: 1977 Plan of Development Big Eddy Unit Eddy County, New Mexico

### Gentlemen:

In accordance with Section 10 of the Big Eddy Unit Agreement, Perry R. Bass, Operator for said Unit hereby submits a Plan of Development for the above captioned Unit for 1977.

### History of Past Development

We refer to our previous Plans of Development for a detailed description on this Unit. To date, we have drilled, or caused to be drilled, 41 tests within the Unit Area.

### 1976 Activity

During the year 1976, the Big Eddy #38, 660' FNL and 1980' FWL of Section 34, T-21-S, R-29-E was plugged back to the Upper Morrow and reperforated and acidized, and is presently producing.

Big Eddy #40, located in the NE/4 of Section 22, T-21-S, R-29-E, was plugged back from the Morrow to the Atoka, perforated and stimulated with sales commencing June 2, 1976.

Big Eddy #41, 1980' FS&EL of Section 35, T-21-S, R-28-E, was reacidized in the Morrow.

United States Geological Survey Commissioner of Public Lands Oil Conservation Commission Page Two December 13, 1976

Big Eddy #44, 1980' FNL and 660' FEL of Section 16, T-21-S, R-30-E, was completed in the Morrow for 1212 MCFD, with gas sales to Natural Gas Pipeline Company of America begun August 11, 1976.

Big Eddy Unit #45, located 1880' FNL and 790' FEL of Section 16, T-21-S, R-30-E, was spudded January 5, 1976, and plugged and abandoned January 20, 1976 due to lost circulation at a Total Depth of 2134'.

Big Eddy Unit #45y, located 1980' FNL and 751' FEL of Section 16, T-21-S, R-30-E, was spudded January 20, 1076 and plugged and abandoned, after testing unitized substances, on February 9, 1976, at 4942' as a dry hole.

Big Eddy Unit #46, located 1980' FS&EL of Section 25, T-22-S, R-28-E, was spudded February 8, 1976 and plugged and abandoned, after testing unitized substances, on March 8, 1976 at a depth of 6200' as a dry hole.

Big Eddy Unit #47, located 1980' FN&WL of Section 35, T-21-S, R-28-E, was spudded March 8, 1976 and completed at a Total Depth of 3791' in the Delaware on April 15, 1976 for 61 BOPD.

Josephine Rodke Federal #2, located 660' FNL and 1980' FWL of Section 27, T-20-S, R-31-E, was spudded March 3, 1976 and completed May 1, 1976 for 25 BOPD, after being drilled to a Total Depth of 7109'.

Big Eddy Unit #49, located 330' FWL and 1650' FSL of Section 35, T-21-S, R-28-E, was spudded July 25, 1976 and completed at a Total Depth of 3808' in the Delaware on August 30, 1976 for 37 BOPD.

Approximately 27 miles of detail seismic was conducted within the boundaries of the Big Eddy Unit to help delineate a Morrow location.

In addition to the above wells, permits were applied for on November 1, 1976, for the drilling of two additional wells to test unitized substances, specifically, Federal Rodke #3, located 1980' FN&WL of Section 27, T-20-S, R-31-E, and Big Eddy Unit #52, located 1980' FSL and 990' FEL of Section 27, T-20-S, R-31-E. These permits, as yet, have not been granted.

### Future Development

We plan to drill three wildcats to test for unitized substances at the following tentative locations:

Big Eddy #51 - Section 7, T-20-S, R-31-E Big Eddy #53 - Section 8, T-21-S, R-28-E Big Eddy #54 - Section 29, T-21-S, R-28-E United States Geological Survey Commissioner of Public Lands Oil Conservation Commission Page Three December 13, 1976

We a so are reviewing our most recent seismic work to help delineate other wildcat locations.

### Offset Obligations

Appropriate and adequate measures will be taken to prevent drainage of unitized substances from land subject to the Big Eddy Unit Agreement, or, pursuant to applicable regulation, fair and reasonable compensatory royalty will be paid as provided by the Unit Agreement.

### Additional Development

This Plan of Development shall constitute the drilling obligations of the Unit (perator under the terms of the Big Eddy Unit Agreement for the period encing Decmeber 31, 1977.

### Modifications

It is understood that this Plan of Development may be modified from time to time to meet changing conditions.

### Effective Date

This Plan of Development shall be effective January 1, 1977.

If this Plan of Development meets with your approval, please indicate in the appropriate space provided and return one copy for our files.

Sincerely,

PERRY R. BASS, Unit Operator

By Robert B. Coleman

VDC:VJD						
APPROVED:					Date	
	Supervisor,	United	States	Geological		

United States Geological Survey Commissioner of Public Lands Oil Conservation Commission Page Four December 13, 1976

APPROVED:	Date
Commissioner of Public Lands	
APPROVED: Cil Conservation Commission	Date: 22, 1976



# United States Department of the Interior

GEOLOGICAL SURVEY

Conservation Division Western Matienel Bank Building 505 Marquette, NW, Room 815 Albuquerque, New Mexico 87102

nki

Heas Enterprises Production Company Attention: Mr. Robert B. Coleman P. O. Box 2760 Midland, Texas 79701

### Gentlemen:

One approved copy of your amended 1976 Plan of Development for the Big Eddy Unit Area, Eddy County, New Mexico, is enclosed. Such plan, proposing the drilling of unit wells No. 52 and the Federal-Rocke No. 3 was approved on this date subject to approval of the Motices to Drill by the District Engineer and like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

Area Oil and Gas Supervisor

Constitution of the second

Enclosure

cc:

NMOCC, Santa Fe Copy for Comm. Pub. Lands, Santa Fe

### **OIL CONSERVATION COMMISSION**

DIRECTOR

JOE D. RAMEY

STATE OF NEW MEXICO P. O. BOX 2088 - SANTA FE

87501

LAND COMMISSIONER
PHIL R. LUCERO



STATE GEOLOGIST EMERY C. ARNOLD

October 8, 1976

Bass Interprises Production Co. P. O. Box 2760 Midlard, Texas 79701

Attention: Mr. Robert B. Coleman

Re: Amended 1976 Plan of Development,

Big Eddy Unit, Eddy County,

New Mexico.

### Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Amended Plan of Development for 1976, providing for the drilling of Big Eddy No. 52 and Federal Rodke No. 3, as tests for the Big Eddy Unit, Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Two approved copies of the amended plan dated September 29, 1976, are returned herewith.

Very truly yours,

JOE D. RAMEY Secretary-Director

### JDR/JEK/og

cc: United States Geological Survey Roswell, New Mexico

Commissioner of Public Lands Santa Fe, New Mexico GENERAL OFFICES - FORT WORTH

### BASS ENTERPRISES PRODUCTION CO.

POST OFFICE BOX XX 2760
MIDLAND, TEXAS 79701
September 29, 1976

United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands P.O. Box 1148 Santa Fe, New Mexico 87501

Oil Conservation Commission P.O. Box 2088 Santa Fe, New Mexico 87501

### Gentlemen:

Reference is made to the Big Eddy Unit Plan of Development submitted by Perry R. Bass, as Unit Operator for 1976, which is in compliance with Section 10 of the Big Eddy Unit Agreement.

We hereby respectfully request your favorable consideration of an amended Plan of Development for the Big Eddy Unit for 1976. This Amended Plan is necessitated because of changed conditions since the filing of the original Plan dated December 22, 1975 and to protect the interests of all parties to the subject Unit Agreement.

We propose amending the Future Development section of said Plan of Development to provide for the following:

- 1. We are in the process of obtaining the necessary permits to commence operations before the end of 1976 to spud the Big Eddy #52 located 1980' FSL and 990' FEL of Section 27, Township 20 South, Range 31 East, and drill to a depth to adequately test for unitized substances.
- 2. We are in the process of obtaining the necessary permits to commence operations before the end of 1976 to spud the Federal-Rodke #3 located 1980' FNL and WL of Section 27, Township 27 South, Range 31 East, and drill to a depth to adequately test for unitized substances.

United States Geological Survey Commissioner of Public Lands New Mexico Oil Conservation Commission Page Two September 29, 1976

We again request your favorable consideration in this matter.

Yours very truly,

PERRY R. BASS, Unit Operator

	ByRobert B.	Coleman
RBC:kjb		
APPROVED:	Supervisor, United States Geological Survey	Date
APPROVED:	Commissioner of Public Lands	Date
APPROVEI):	Old Conservation Commission	Date Och 8, 1976



# United States Department of the Interior

GEOLOGICAL SURVEY

### Drawer 1857 Roswell, New Mexico 88201

February 23, 1976

Perry R. Bass

Attention: Mr. Robert B. Coleman

P.O. Box 2760 Milland, Texas 79701

### Gentlemen:

Pursuant to this morning's telephone discussion with your Mr. Bill Foster, returned herewith unapproved are all four copies of an application for a Morrow participating area in the Big Eddy unit agreement covering the E2 sec. 35, T. 24S., R. 28E., N.M.P.M., Eddy County, New Mexico, based on information obtained by the completion of unit well
No. 41 in the NW\xSE\x sec. 35. Such application states that
unit well No. 41 was completed in the Morrow interval
12,414 to 12,458 feet for an initial potential of 137 MCF of gas per day.

The application is being returned for the following reasons:

- It does not contain sufficient data to support a determination that unit well No. 41 is capable of producing unitized substances in paying quantities as defined by the unit agreement (quantities sufficient to repay the cost of drilling and producing operations with a reasonable profit).
- It does not provide an effective date for the requested participating area, as required by Section 11 of the unit agreement.
- It does not indicate whether the Morrow interval in which unit well No. 41 is completed is thought to be the same Morrow pay that other commercial unit wells are producing from or a separate and distinct pool.
- The unit agreement also provides that a participating area shall represent the area known or reasonably estimated to be productive in paying quantities. This office does not believe that

Exhibit "C" of the application, a structure map contoured on top of the Lower Morrow, supports a participating area comprised of only the spacing unit for the well, without a supplementary geologic and engineering report.

If upon consideration of the foregoing items and other requirements set forth in the unit agreement, particularly Section 11, Participation After Discovery, the well is still considered to be of commercial quality, please resubmit an application for a participating area which contains data to support the determination and the lands proposed for participation. If not, please submit notice of completion of a non-commercial well, including information to support the determination, so that this office can account for production from the well on a spacing unit basis.

Please feel free to call is any assistance is required in this matter.

Sincerely yours,
ORIG. SGD. CARL C. TRAYWICK

CARL C. TRAYWICK
Acting Area Oil and Gas Supervisor

cc: Artesia Com. Pub. Lands, Santa Fe NMOCC, Santa Fe

ARStall:dap

# OIL CONSERVATION COMMISSION P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

February 13, 1976

Perry R. Bass Fort Worth National Bank Building Fort Worth, Texas 76102

Attention: Mr. Wm. A. Hamilton

Re: Initial Morrow Participating Area, Big Eddy Unit, Eddy and Lea Counties, New Mexico.

### Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Initial Participating Area, Morrow Formation consisting of the F/2 of Section 35, Township 21 South, Range 28 East, for the Big Eddy Unit, Lea and Eddy Counties, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the application is returned herewith.

Very truly yours,

JOE D. RAMEY Secretary-Director

JDR/JEK/og

cc: United States Geological Survey Roswell, New Mexico

Commissioner of Public Lands Santa Fe, New Mexico

# PERRY R. BASS FORT WORTH NATIONAL BANK BUILDING FORT WORTH, TEXAS 76102

January 27, 1976

Re: Big Eddy Unit No. 14-08-001-326

U. S. Geological Survey Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands P. O. Box 1148
Santa Fe. New Mexico 87501

Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501

### Gentlemen:

Reference is made to the above captioned Unit covering lands located in Eddy and Lea Counties, New Mexico. Perry R. Bass, as operator, hereby requests that an Initial Participating Area of the E/2 of Section 35-T21S-R28E be established for the Morrow formation.

The Perry R. Bass #41 Big Eddy Unit well, located 1980' from the South and East lines of Section 35-T21S-R28E, was drilled to a total depth of 12,660' and was plugged back to 12,610'. The well was then completed in the Morrow Formation from perforations from 12,414-18', 12,433-37', 12,472-76', 12,461-67' and 12,454-58' for an initial potential of 137 MCF of gas per day through a 32/64" choke.

In support of this application, the following are attached hereto and made
a part hereof:

Exhibit "A": Map showing portion of Unit boundary and

Initial Participating Area.

Exhibit "B": Schedule showing lands entitled to participate in

unitized substances produced from the Morrow
formation, with the percentage of participation

of each lease indicated thereon.

Exhibit "C": Geological structure map.

U.S. Geological Survey Commissioner of Public Lands Oil Conservation Commission January 27, 1976 Page 2

As unit operator, we hereby respectfully submit that a Morrow Parcipating Area covering the E/2 of Section 35 be established in accordance with the terms and provisions of the Big Eddy Unit Agreement.

Yours very truly,

PERRY R. BASS

WPD/lw
Attachments

APPROVED:

U. S. Geological Survey

By\_\_\_\_\_\_\_
Date\_\_\_\_\_\_

Commissioner of Public Lands

New Mexico Oil Conservation Commission

By J. 1976
Date 13, 1976

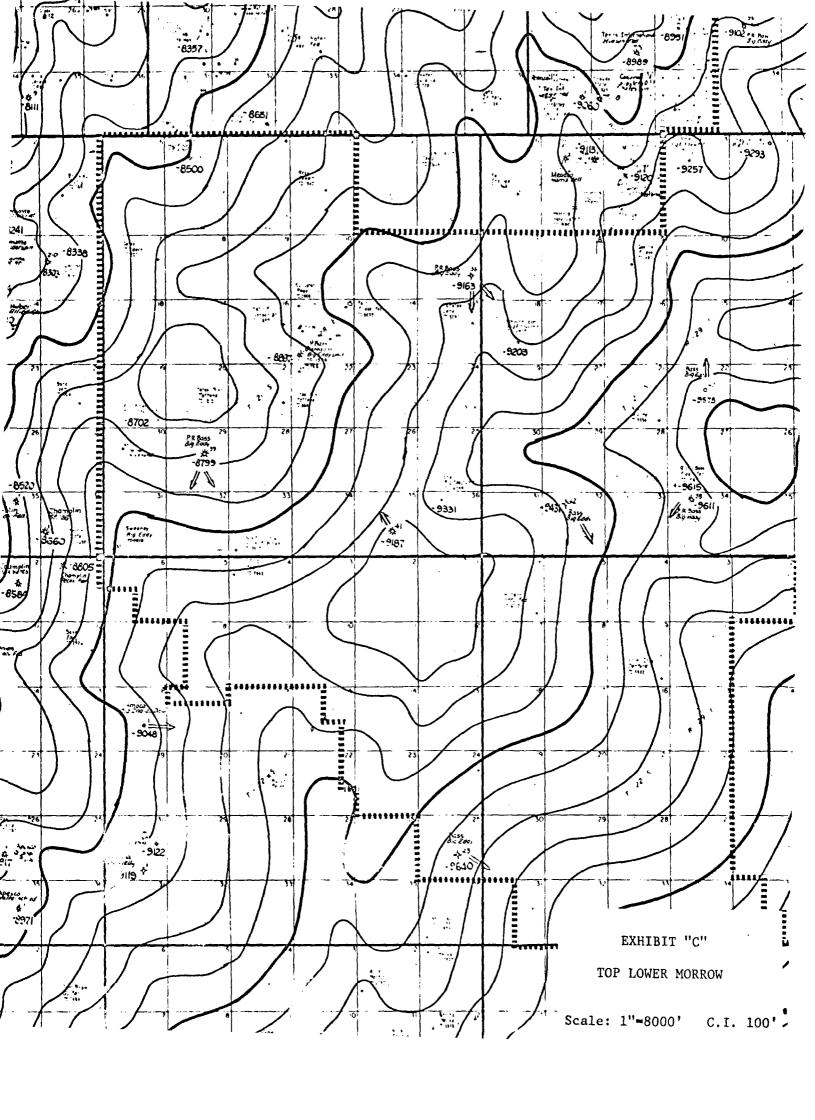
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EXHIBIT "B"

# Initial Participating Area for the Morrow Formation

	LC-067144	Lease Number
	T21S, R28E	Description
	320	Acres
Subject to 3% ORR payable to: Rosemary Murphy Barnett Hanlad Oil Corporation Roy L. Flood	Bass Enterprises Production Co. 3/4 Perry R Rass 1/4	Working Interest
1.2% .9%	USA 12½%	Royalty
	100%	Tract Participation Royalty Percentage





# State of New Mexico







P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Perry R. Bass Fort Worth National Bank Building Fort Worth, Texas 76102

Re: Big Eddy Vait

Initial Morrow Participating

Area

Eddy and Las Counties, New Mexico

ATTENTION: Mr. Wm. Arthur Hamilton

Gentlemen:

The Commissioner of Public Lands has this date approved your Initial Participating Area for the Morrow Formation for the Big Eddy Unit, Eddy and Lee Counties, New Mexico. The Initial Participating Area covers the E/2 of Section 35, Township 21 South, Range 28 Sest.

This approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

Enclosed is one approved copy for your files.

Please advise when the USGS has given their approval.

Very truly yours,

PRIL R. LUCERO CORCUSSIONER OF PUBLIC LANES

BY: RAY D. GRANAM, Director Cil and Gas Division

PRL/RDG/s

ce :

UNCO-Roswell, New Mexico OCC- Senta Fe, New Mexico

### P. O. Drawer 1857 Roswell, New Mexico 88201

January 27, 1976

Perry R. Bass Attention: Mr. W. Arthur Hamilton Fort Worth Mational Bank Building Fort Worth, Texas 76102

### Centlemen:

One approved copy of your 1976 plan of development for the Big Eddy unit area, Eddy County, New Mexico, proposing the drilling of four wells and the running of 20-25 miles of detailed seismic surveys is enclosed. Such plan was approved on this date subject to approval of the Notices to Drill by the District Engineer and like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

[ORIG. SGD.] CARL C. TRAYWICK

CARL C. TRAYHICK Acting Area 011 & Gas Supervisor

Enclosure

AMOCC, Santa Fe (Itr. only)
Com. Pub. Lands. Santa

JAGillham:dlk

# OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

January 6, 1976

Perry R. Bass Fort Worth National Bank Building Fort Worth, Texas 76102

Attention: Mr. Wm. Arthur Hamilton

Re: 1976 Plan of Development, Big Eddy Unit, Eddy County, New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Plan of Development for the calendar year 1976 for the Big Eddy Unit, Fddy County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the plan is returned herewith.

Very truly yours,

JOE D. RAMEY Secretary-Director

JDR/JEK/og

cc: United Sates Geodogical Survey
Box 1857
Roswell, New Mexico

Commissioner of Public Lands Santa Fe, New Mexico

# PERRY R. BASS FORT WORTH NATIONAL BANK BUILDING FORT WORTH, TEXAS 76102

December 22, 1975

Re: 1976 Plan of Development Big Eddy Unit Eddy County, New Mexico

United States Geological Survey Drawer 1857 Roswell, New Mexico 88201

Commissioner of Public Lands P. O. Box 1148 Santa Fe, New Mexico 87501

Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501

### Gentlemen:

In accordance with Section 10 of the Big Eddy Unit Agreement, Perry R. Bass, Operator for said Unit hereby submits a Plan of Development for the above captioned Unit for 1976.

### History of Past Development

We refer to our previous Plans of Development for a detailed description on this Unit. To date, we have drilled, or caused to be drilled, 35 tests within the Unit Area.

### 1975 Activity

During the year 1975 the Big Eddy #38, 660'FNL & 1980' FWL of Section 34-T21S-R29E was put on stream at 3500 MCFD on April 10, 1975.

Big Eddy #39, 1980' FN&EL of Section 29-T21S-R28E was placed on stream on March 18, 1975 @ 4100 MCFPD.

Big Eddy #41, 1980' FN&EL of Section 35-T21S-R28E, was completed, after extensive testing, March 6, 1975 and put on stream November 5, 1975 @ 130 MCFPD.

Big Eddy #42, 1980' FWL & 660' FNL of Section 32-T21S-R29E, was spudded January 23, 1975 and plugged and abandoned March 21, 1975 at a total depth of 13,075'.

United States Geological Survey Commissioner of Public Lands Oil Conservation Commission

Big Eddy #43, 1980' FS&EL of Section 25-T22S-R28E was spudded on March 27, 1975 and drilled to a total depth of 13,100' in the Morrow and plugged and abandoned on May 24, 1975.

Big Eddy #44, 1980' FNL & 660' FEL of Section 16-T21S-R30E was spudded in June 1975 and reached total depth of 13,544' on August 12, 1975. This well was completed in the Morrow for 1212 MCFD and is shut-in pending pipeline connections.

### Future Development

We anticipate conducting approximately 20-25 miles of detail seismic within the boundaries of the Unit in hopes of delineating a location for a wildcat location to test for unitized substances.

We plan to drill 4 wildcats at the following tentative locations:

Big Eddy #45 - Section 16-T21S-R30E Big Eddy #46 - Section 25-T22S-R28E Big Eddy #47 - Section 35-T21S-R28E Big Eddy #48 - Section 27-T20S-R31E

### Offset Obligations

Appropriate and adequate measures will be taken to prevent drainage of unitized substances from land subject to the Big Eddy Unit Agreement, or, pursuant to applicable regulation, fair and reasonable compensatory royalty will be paid as provided by the Unit Agreement.

### Additional Development

This Plan of Development shall constitute the drilling obligations of the Unit Operator under the terms of the Big Eddy Unit Agreement for the period ending December 31, 1976.

### Modifications

It is understood that this Plan of Development may be modified from time to time to meet changing conditions.

United States Geological Survey Commissioner of Public Lands Oil Conservation Commission

### Effective date

This Plan of Development shall be effective January 1, 1976.

If this Plan of Development meets with your approval, please indicate in the appropriate space provided below and return one copy for our files.

	Yours very	truly,		
	PERRY R. BA	SS, Unit Operator		
RBC:ld	By Um. Arthur Hamilton			
APPROVED:	Supervisor, United States Geological Survey	Date		
APPROVED:	Commissioner of Public Lands	Date		
APPROVED:	Je Haney	Date Jan. 6, 1976		



## United States Department of the Interior

GEOLOGICAL SURVEY

### Drawer 1857 Roswell, New Mexico 88201

October 28, 1975

IL COMSERVATION COMM Santa Fr

Perry R. Bass

Attention: Mr. Robert B. Coleman Fort Worth Hational Bank Building

Fort Worth, Texas 79701

### Gentlemen:

Your application requesting approval of an initial Morrow participating area covering production from unit well No. 38 of the Big Eddy unit agreement, Eddy and Lea Counties, New Mexico, was approved on October 28, 1975, by the Acting Area Oil and Gas Supervisor, U. S. Geological Survey, effective as of Pebruary 2, 1974.

The subject participating area has been designated the initial Morrow "A" participating area to differentiate it from the initial Morrow participating area which covers the N½ sec. 29, T. 21 S., R. 28 E., N.M.P.M. The initial Morrow "A" participating area embraces 320 acres described as the N½ sec. 34, T. 21 S., R. 29 E., N.M.P.M., and is predicated on information obtained by the completion of unit well No. 38 in the NEWN sec. 34 as a commercial Morrow well. Unit well No. 38 was completed on February 2, 1974, for a calculated absolute open flow potential of 8,337 MCF of gas per day from the Morrow interval 13,068 to 13,212 feet.

Copies of the approved application are being distributed to the appropriate Federal offices and one copy is returned herewith. Also enclosed are two copies of your confidential reservoir and economic data provided during our August meeting of this year concerning the subject participating area. One of the two remaining copies submitted will be retained by this office and the other will be forwarded to our Artesia District Office. As you requested, both copies will continue to be treated as confidential information.

Sincerely yours,

CARL C. TRAYWICK
Acting Area Oil and Gas Supervisor

cc:

BLM, Santa Fe (w/cy appln)
Artesia (w/cy appla. & confidential data)
Commissioner of Public Lands, Santa Fe (ltr. only)
NMOCC, Santa Fe (ltr. only)

ARStall/hr

### OIL CONSERVATION COMMISSION

P. O. BOX 2088

### SANTA FE NEW MEXICO 87501

Jim.

May 26, 1975

Bass Enterprises Production Co. Fort Worth National Bank Building Fort Worth, Texas 76102

Attention: Mr. Perry R. Bass

Re: Initial Morrow Participating Area, Big Eddy Unit, Eddy and Lea Counties, New Mexico.

### Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Initial Participating Area, Morrow Formation, for the Big Eddy Unit, Eddy and Lea Counties, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the application is returned herewith.

Very truly yours,

A. L. PORTER, Jr. Secretary-Director

### ALP/JEK/og

cc: United States Geological Survey Roswell, New Mexico

> Commissioner of Public Lands Santa Fe, New Mexico

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9 on all th 51, 5115 %. M. S. u. M. M 54  15-6  EQ	20	\$ \$10.67 \$ \$10.67 \$ \$1.553 \$ \$1.652 \$ \$1.652	069142 06	1 (3)	ST 671 85 ALTO1	2510 1
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### BASS ENTERPRISES PRODUCTION CO.

FORT WORTH NATIONAL BANK BUILDING FORT WORTH, TEXAS 76102

May 20, 1975

RE: Big Eddy Unit

No. 14-08-001-326

U. S. Geological Survey Drawer 1847 Roswell, New Mexico 88201

Commissioner of Public Lands P. O. Box 1148 Santa Fe, New Mexico 87501

Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501

### Gentlemen:

Reference is made to the above captioned Unit covering lands located in Eddy and Lea Counties, New Mexico. Perry R. Bass, as operator, hereby requests that an Initial Participating Area of the N/2 of Section 34, T-21-S, R-29-E be established for the Morrow formation.

The Perry R. Bass #38 Big Eddy Unit well, located 660' from the North line and 1,980' from the West line of Section 34, T-21-S, R-29-E, was drilled to a total depth of 13,335' and was plugged back to a total depth of 13,264'. The well was then completed in the Morrow formation from performations from 13,068'-13,212' for an ititial CAOF potential of 8,337 MCF of gas per day.

In support of this application, the following are attached hereto and made a part hereof:

Exhibit "A": Map showing portion of Unit boundary

and Initial Participating Area

Exhibit "B": Schedule showing lands entitled to partic-

ipate in unitized substances produced from the Morrow formation, with the percentage of participation of each lease indicated

thereon

Exhibit "C": Geological structure map

U. S. Geological Survey Commissioner of Public Lands Oil Conservation Commission Page 2

As unit operator, we hereby respectifully submit that a Morrow Participating Area covering the N/2 of Section 34 be established in accordance with the terms and provisions of the Big Eddy Unit Agreement.

Yours very truly,

PERRY R. BASS

By / English

WPD/1w Attachments

APPROVED:

U. S. Geological Survey

ву		 	
Date			

Commissioner of Public Lands

By\_\_\_\_\_\_ Date

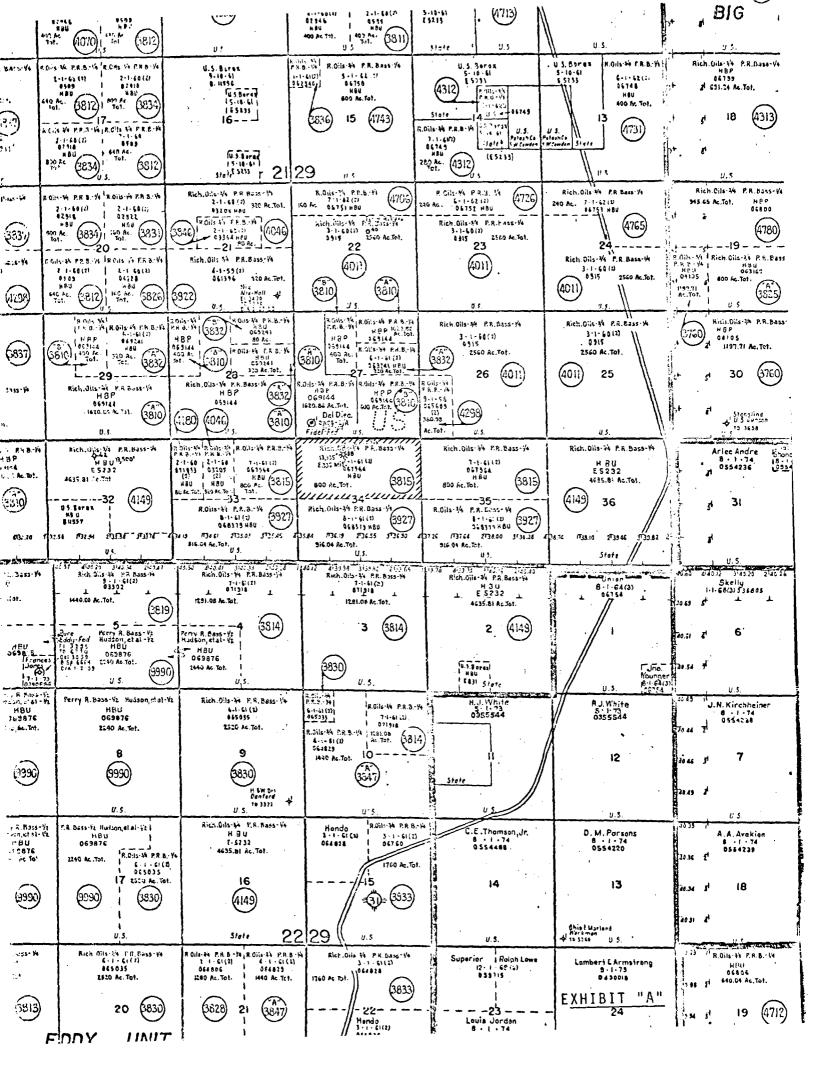
New Mexico Oil Conservation Commission

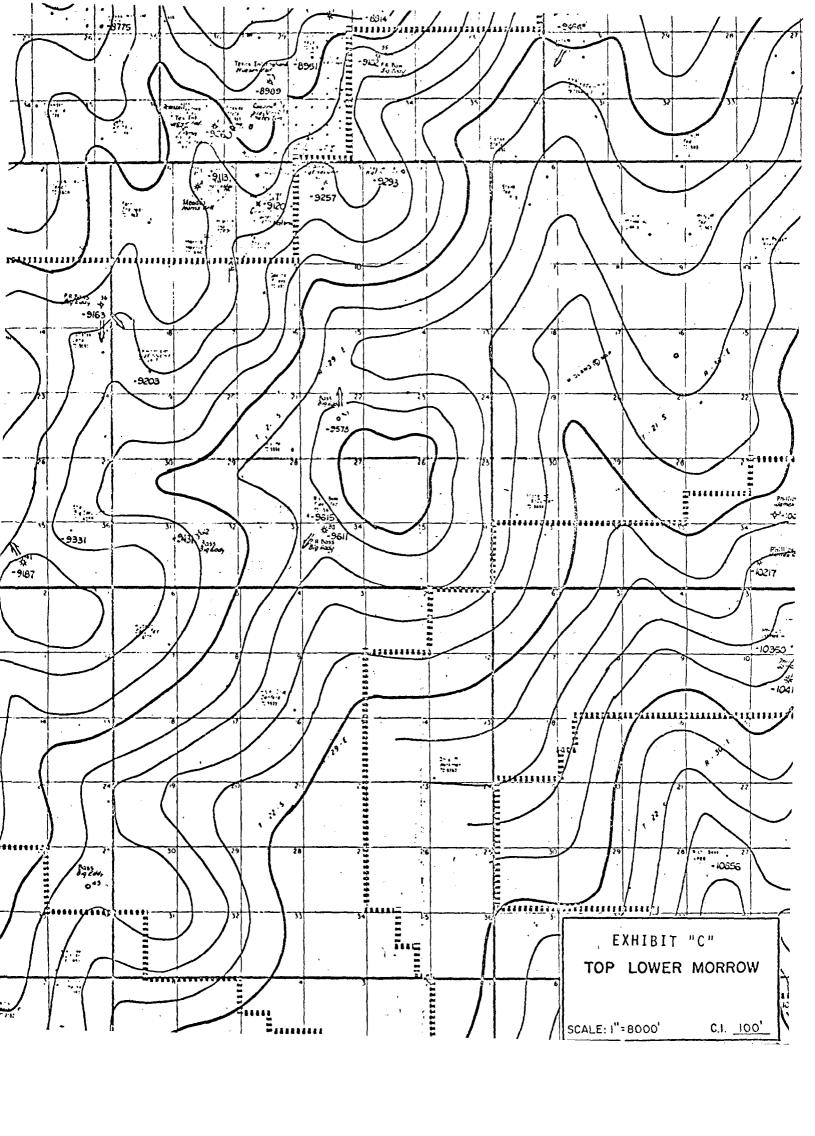
By Date man 26,

EXHIBIT "B"

# Initial Participating Area for the Morrow Formation

	LC-067964	Lease Number
	T-21-S, R-29-E Section 34: N/2	Description
	. 320	Acres
Mabel E. Todhunter .30% Olen F. Featherstone 1.35% Hanlad Oil Corp. 1.35%	Bass Enterprises Production Co. 3/4 Perry R. Bass 1/4 Subject to 3% ORR payable to:	Working Interest
	USA 125%	Royalty
	100%	Tract Participation Percentage





# State of New Mexico

783-87908E 505-827-2748





Commissioner of Public Lands Hey 22, 1975

PHIL R. LUCERO COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Base Enterprises Production Co. Fort Worth Mational Bank Building Fort Worth, Texas 76102

> Ra: Big Eddy Unit Initial Participating Area for Morrow Formation Eddy and Les Counties, New Maxico

ATTEMTION: Mr. Perry R. Bass

Gentlemen:

The Commissioner of Public Lands has this date approved your Initial Participating Area for the Horrow formation for the Big Eddy Unit, Eddy and Lee Counties, New Mexico. This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

Enclosed is one approved copy for your files.

Please remit & Three (\$3.00) Dollar filing fee.

Very truly yours.

PRIL R. LUCKED COMMISSIONER OF PUBLIC LANDS

BY: RAY D. GRABAM, Director Oil and Gas Division

PRL/RDG/a ancl.

ec:

USGS-Roswell, New Mexico OCC- Santa Fe, Hew Mexico