

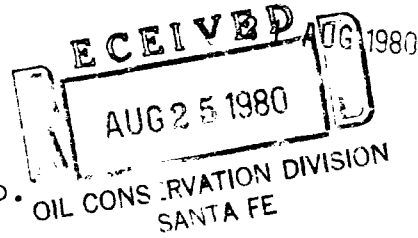


United States Department of the Interior

GEOLOGICAL SURVEY

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

365



Bass Enterprises Production Co.
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

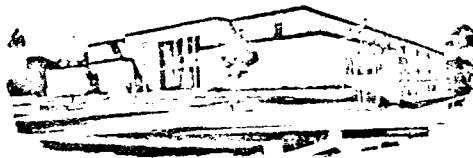
Enclosures

cc:
NMOCD, Santa Fe

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



365

Commissioner of Public Lands

August 6, 1980

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
encl.
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

C
O
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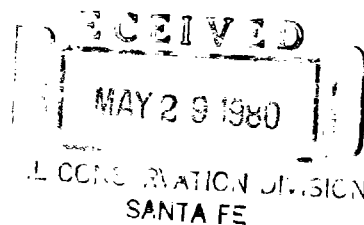
BASS ENTERPRISES, INC. DIVISION CO.
FORT WORTH NATIONAL BANK BUILDING
FORT WORTH, TEXAS 76102

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



Re: Big Eddy Well #76
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 #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, T21S-R28E, Eddy County, New Mexico, and that such participating area be designated as the Morrow "D" participating area.

Sincerely,

Jens Hansen
Division Landman

THIS APPROVAL GRANTED SUBJECT TO LINE APPROVAL
DATE 7/1/80 BY [signature]

JH:vm
Attachments

cc: Jim Pullig

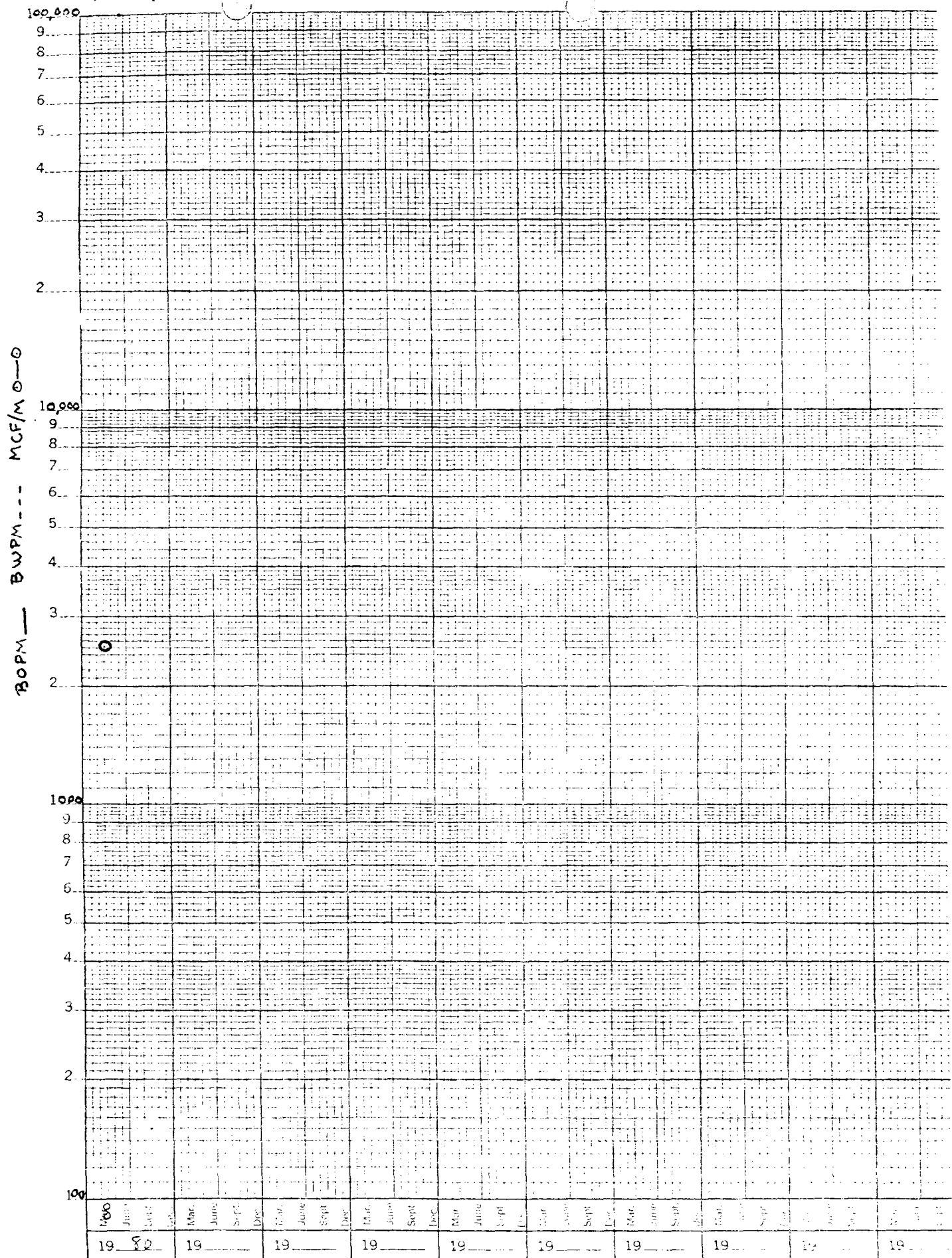
7/1/80 10 80
Energy & Minerals Department

WELL	FORMATION	WELL & FACILITIES INVESTMENT \$	CUMULATIVE OIL,BLS	3-31-80 GAS,MCF	REMAINING OIL,BLS	GAS,MCF	ULTIMATE OIL,BLS	GAS,MCF	NET FIT INCOME,\$M	STATUS
BE 65	MORROW	880,505	4	43.6	0	7.9	5	51.6	100.8	Uneconomical-lease well; will plug back to Strawn
BE 66	MORROW	1,058,080	50	89.1	108	191.9	158	281.1	552.9	Uneconomical-lease well
BE 68	MORROW	1,026,378	0	55.1						Produced two months; insufficient data to evaluate
BE 72	MORROW	925,505	6702	97.05			7,000	100	405	Depleted; currently plugging back to another Morrow sd & dual w/Atoka
BE 73	MORROW	1,052,684	0	16.2						Produced one month; insufficient data to evaluate
BE 76	MORROW	967,034	50	57.5			1,200	1,200	2,376	P/Z= 1.2BCF Economical create partici pating area equal to proration unit
BE 71	STRAWN									
BE 60	BONE SPRINGS									
BE 74	ATOKA									
BE 77	MORROW									
BE 62										

Oil Well in Indian Flats (Delaware) Field

GROSS INCOME = \$ 2.50/MCF
 less \$38.50/bbl
 15.5% Royalty +
 6.5% Production & Severance Tax
 22.0%
 NET INCOME = \$ 1.95/MCF
 \$30.00/bbl

BIG EDDY UNIT 76



FIELD: UNDESIGNATED MORROW GAS COUNTY: _____
 OPERATOR: _____
 LEASE: BIG EDDY UNIT BTY. NO. _____
 WELLS: #76

	Number Producing Wells	Oil Produced Bbls.	Cumulative Oil Rbbls.	Gas Produced MCF	Cumulative Gas MCF	Water Produced Bbls.
Jan.						
Feb.						
March	1	50		57,448		25
April						
May						
June						
July						
August						
Sept.						
Oct.						
Nov.						
Dec.						
Yearly Total						

Jan.						
Feb.						
March						
April						
May						
June						
July						
August						
Sept.						
Oct.						
Nov.						
Dec.						
Yearly Total						

Jan.						
Feb.						
March						
April						
May						
June						
July						
August						
Sept.						
Oct.						
Nov.						
Dec.						
Yearly Total						

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
1930 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

C
O
P
Y

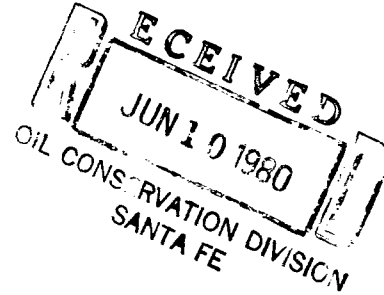
BASS ENTERPRISES PRODUCTION CO.
FORT WORTH NATIONAL BANK BUILDING
FORT WORTH, TEXAS 76102

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



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

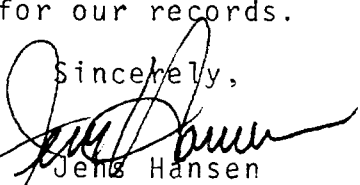
Gentlemen:

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.

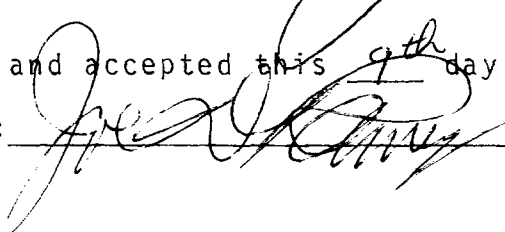
If this Amended Plan of Development meets with your approval, please indicate by signing in the appropriate space provided below and return one copy of this letter to us for our records.

Sincerely,


Jens Hansen
Division Landman

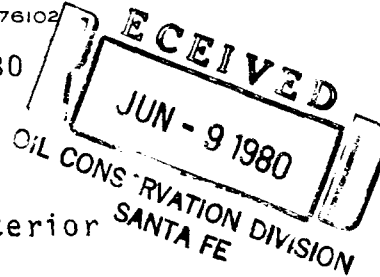
JH:vm

Agreed to and accepted this 9th day of July, 1980.

Signed by: 

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

June 3, 1980



United States Department of the Interior
Geological Survey
P. O. 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

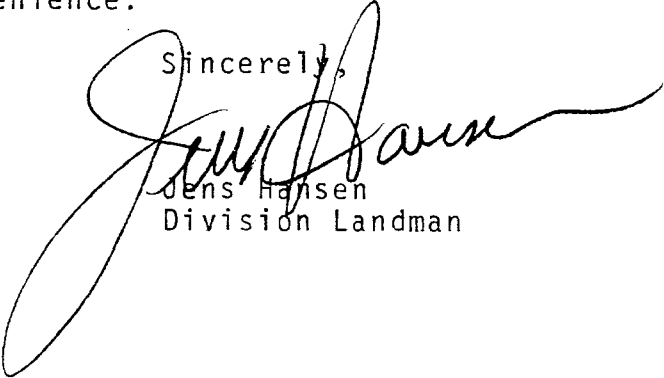
Re: Big Eddy Wells #65 and #66
Eddy County, New Mexico

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.

Sincerely,


Jens Hansen
Division Landman

JH:ds
Attachments

WELL	FORMATION	WELL & FACILITIES INVESTMENT \$	CUMULATIVE 3-31-80 OIL, BBLs	GAS, MMCF	REMAINING OIL, BBLs	GAS, MMCF	ULTIMATE OIL, BBLs	GAS, MMCF	NET PROFIT INCOME, \$M	STATUS
BE 65	MORROW	880,505	57 *	103.7 *	0	7.9	57	111.6	219.3	Uneconomical-lease well; will plug back to Strawn
BE 66	MORROW	1,058,080	558 *	164.0 *	653	191.9	1211	355.8	730.0	Uneconomical-lease well
BE 68	MORROW	1,026,378	0	55.1						Produced two months; insufficient data to evaluate
BE 72	MORROW	925,505	6702	97.05			7,000	100	405	Depleted; Currently plugging back to another Morrow sd & dual w/ator
BE 73	MORROW	1,052,684	0	16.2						Produced one month; insufficient data to evaluate
BE 76	MORROW	967,034	50	57.5			1,200	1,200	2,376	P/Z= 1.28Cf Economical create partic pating area equal to proration unit
BE 71	STRAWN	no production								
BE 60	BONE SPRINGS	no production								
BE 74	ATOKA	no production								
BE 77	MORROW	no production								
BE 62		Oil Well in Indian Flats (Delaware) Field								

GROSS INCOME = \$ 2.50/MCF less 15.5% Royalty +
\$38.50/bbl less 6.5% Production & Severance Tax
22.0%

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

* CUMULATIVE TO 4-31-80

FIELD: E. CARLSBAD MORROW COUNTY: _____

OPERATOR: _____

LEASE: BIG EDDY UNIT #65 BTY. NO. _____ WELLS: _____

FIELD GAS OIL CONTACT: _____ FIELD OIL WATER CONTACT: _____

	Number Producing Wells	Oil Produced Bbls.	Cumulative Oil Bbls.	Gas Produced MCF	Cumulative Gas MCF	Water Produced Bbls.
1979						
Jan.						
Feb.						
March						
April						
May						
June						
July						
August						
Sept.		0		28,410		0
Oct.		43		28,558		0
Nov.	1	14	14	15,942		0
Dec.	1	0	14	10,977		0
Yearly Total		44	57	26,919	83,887	0

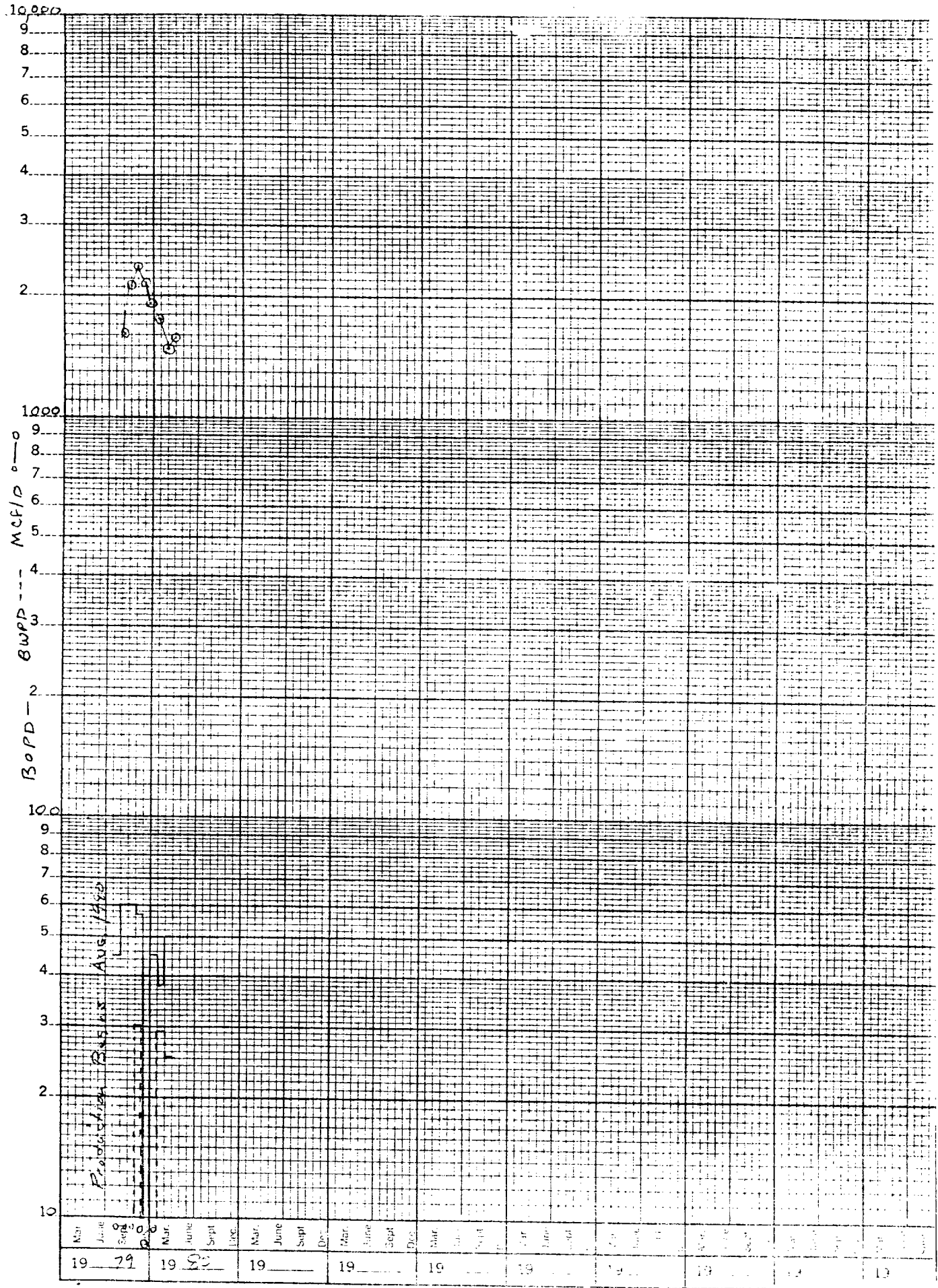
1980						
Jan.	1	0	14	6654		0
Feb.	1	0	14	5,937		0
March	1	0	14	4,055		0
April	1	0	57	3220	103,754	0
May						
June						
July						
August						
Sept.						
Oct.						
Nov.						
Dec.						
Yearly Total						

Jan.						
Feb.						
March						
April						
May						
June						
July						
August						
Sept.						
Oct.						
Nov.						
Dec.						
Yearly Total						

476243

476243

476243



FIELD: UNDESIGNATED MORROW GAS

COUNTY: _____

OPERATOR: _____

LEASE: BIG EDDY UNIT #66

BTY. NO. _____

WELLS: _____

FIELD GAS OIL CONTACT: _____

FIELD OIL WATER CONTACT: _____

	Number Producing Wells	Oil Produced Bbls.	Cumulative Oil Rbbls.	Gas Produced MCF	Cumulative Gas MCF	Water Produced Bbls.	Cum W B
1979							
Jan.							
Feb.							
March							
April							
May							
June							
July							
August	1	45		16,002		0	
Sept.	1	60		21,322		0	
Oct.	1	60		23,527		0	
Nov.	1	57		21,499		30	
Dec.	1	0		19,207	40,706	0	
Yearly Total		57	387	40,706	101,557	30	

1980							
Jan.	1	45		17,207		0	50
Feb.	1	38		14,251		29	57
March	1	50		15,972		25	82
April	1	38	558	14,019	164,014	19	103
May							
June							
July							
August							
Sept.							
Oct.							
Nov.							
Dec.							
Yearly Total							

Jan.							
Feb.							
March							
April							
May							
June							
July							
August							
Sept.							
Oct.							
Nov.							
Dec.							
Yearly Total							

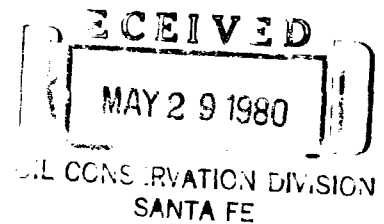
BASS ENTERPRISES PRODUCTION CO.
FORT WORTH NATIONAL BANK BUILDING
FORT WORTH, TEXAS 76102

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



Re: Big Eddy Well #65
Eddy County, New Mexico

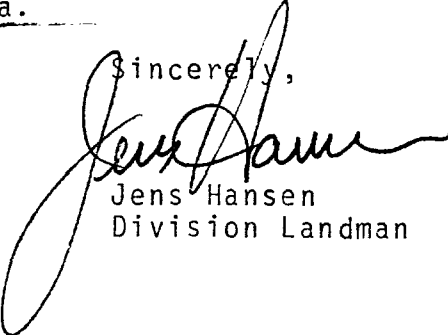
Gentlemen:

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.

Sincerely,

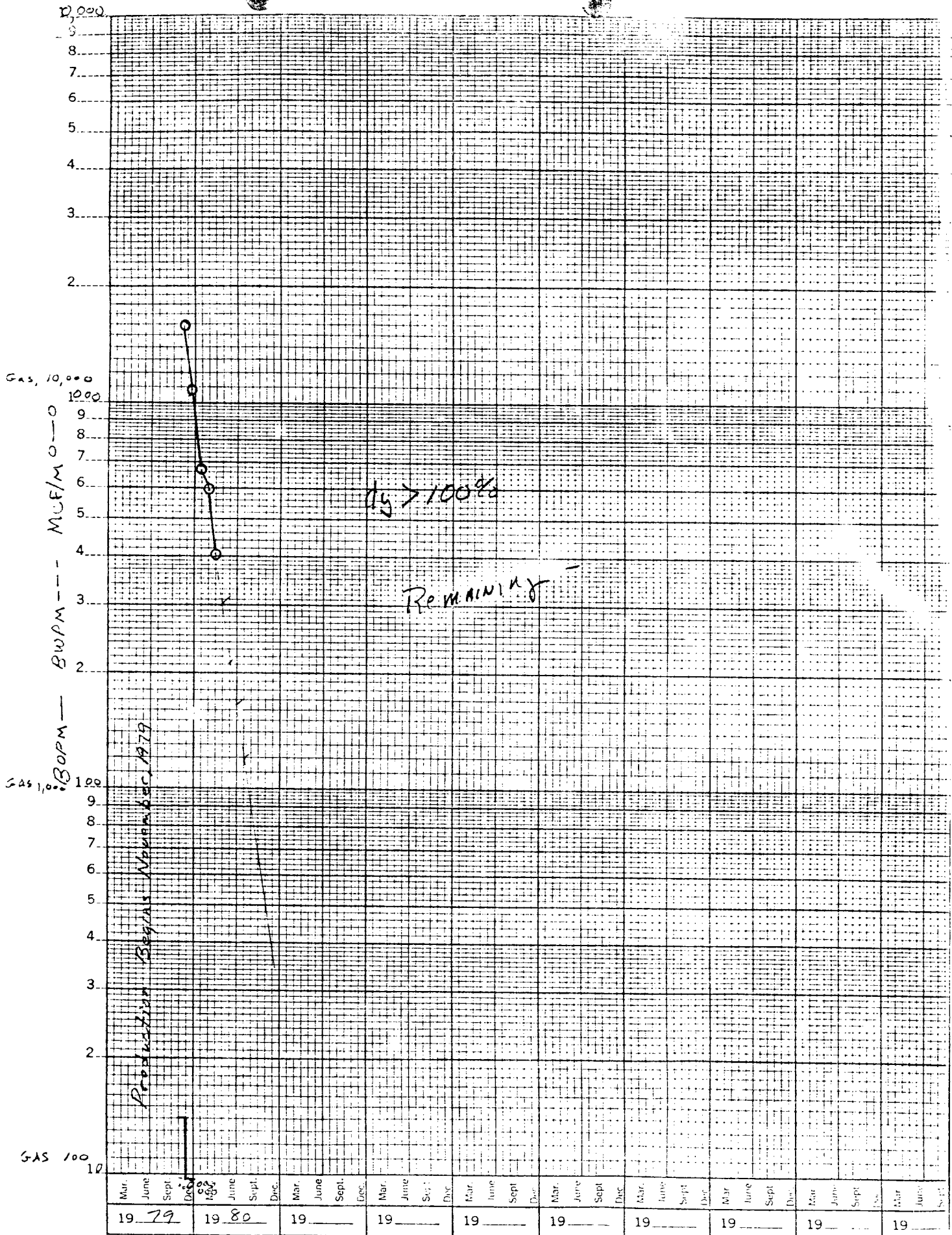

Jens Hansen
Division Landman

JH:vm
Attachments

cc: Jim Pullig

WELL	FORMATION	WELL & FACILITIES INVESTMENT \$	CUMULATIVE 3-31-80		REMAINING		ULTIMATE		NET BFIT INCOME,\$M	STATUS		
			OIL,BBLS	GAS,MMCF	OIL,BBLS	GAS,MMCF	OIL,BBLS	GAS,MMCF				
BE 65	MORROW	880,505	4	43.6	0	7.9	5	51.6	100.8	Uneconomical-lease well; will		
BE 66	MORROW	1,058,080	50	89.1	108	191.9	158	281.1	552.9	plug back to Strawn		
BE 68	MORROW	1,026,378	0	55.1						Uneconomical-lease well		
BE 72	MORROW	925,505	6702	97.05			7,000	100	405	Produced two months;insufficient		
BE 73	MORROW	1,052,684	0	16.2						data to evaluate		
BE 76	MORROW	967,034	50	57.5			1,200	1,200	2,376	Depleted;Currently plugging back		
BE 71	STRAWN	no production								to another Morrow sd & dual w/Atoka		
BE 60	BONE SPRINGS	no production								Produced one month; insufficient		
BE 74	ATOKA	no production								data to evaluate		
BE 77	MORROW	no production								P/Z= 1.2BCF Economical create partici-		
BE 62	Oil Well in Indian Flats (Delaware) Field											
									GROSS INCOME = \$ 2.50/MCF	less	15.5%	Royalty +
									\$38.50/bbl	less	6.5%	Production & Severance Tax
											22.0%	
									NET INCOME = \$ 1.95/MCF			
												\$30.00/bbl

Gas 100,000



FIELD: E. CARLSBAD MORROW COUNTY: _____

OPERATOR: _____

LEASE: BIG EDDY UNIT #65 CITY, NO. _____ WELLS: _____

FIELD GAS OIL CONTACT: _____ FIELD OIL WATER CONTACT: _____

	Number Producing Wells	Oil Produced Bbls.	Cumulative Oil Bbls.	Gas Produced MCF	Cumulative Gas MCF	Water Produced Bbls.
1979						
Jan.						
Feb.						
March						
April						
May						
June						
July						
August						
Sept.						
Oct.						
Nov.	1	14	14	15,942		0
Dec.	1	0	14	10,977		0
Yearly Total		14		26,919		0

1980

Jan.	1	0	14	6654	33,573	0
Feb.	1	0	14	5,938	39,511	0
March	1	0	14	4,055	43,566	0
April						
May						
June						
July						
August						
Sept.						
Oct.						
Nov.						
Dec.						
Yearly Total						

Jan.						
Feb.						
March						
April						
May						
June						
July						
August						
Sept.						
Oct.						
Nov.						
Dec.						
Yearly Total						

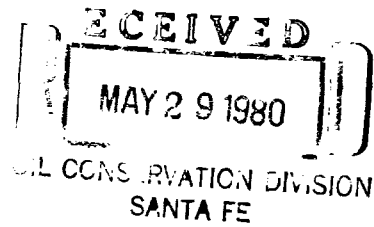
BASS ENTERPRISES PRODUCTION CO.
FORT WORTH NATIONAL BANK BUILDING
FORT WORTH, TEXAS 76102

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



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.

Sincerely,

Jens Hansen
Division Landman

Approved

10

JH:vm
Attachments

cc: Jim Pullig

Oil Conservation Division
Energy and Minerals Department

WELL	FORMATION	WELL & FACILITIES INVESTMENT \$	CUMULATIVE 3-31-80		REMAINING		ULTIMATE		NET BFIT INCOME,\$M	STATUS
			OIL,BBLS	GAS,MMCF	OIL,BBLS	GAS,MMCF	OIL,BBLS	GAS,MMCF		
BE 65	MORROW	880,505	4	43.6	0	7.9	5	51.6	100.8	Uneconomical-lease well; will plug back to Strawn
BE 66	MORROW	1,058,080	50	89.1	108	191.9	158	281.1	552.9	Uneconomical-lease well
BE 68	MORROW	1,026,378	0	55.1						Produced two months; insufficient data to evaluate
BE 72	MORROW	925,505	6702	97.05			7,000	100	405	Depleted; Currently plugging back to another Morrow sd & dual w/Atoka
BE 73	MORROW	1,052,684	0	16.2						Produced one month; insufficient data to evaluate
BE 76	MORROW	967,034	50	57.5			1,200	1,200	2,376	P/Z= 1.2BCF Economical create partici- pating area equal to proration unit
BE 71	STRAWN	no production								
BE 60	BONE SPRINGS	no production								
BE 74	ATOKA	no production								
BE 77	MORROW	no production								
BE 62	Oil Well in Indian Flats (Delaware) Field									
							GROSS INCOME = \$ 2.50/MCF		less	15.5% Royalty +
							\$38.50/bbl		less	6.5% Production & Severance Tax
										22.0%
							NET INCOME = \$ 1.95/MCF			
							\$30.00/bbl			



FIELD: UNDESIGNATED CROW GAS

COUNTY: _____

OPERATOR: _____

LEASE: BIG EDDY UNIT #66

BTY. NO. _____

WELLS: _____

FIELD GAS OIL CONTACT: _____

FIELD OIL WATER CONTACT: _____

	Number Producing Wells	Oil Produced Bbls.	Cumulative Oil Bbls.	Gas Produced MCF	Cumulative Gas MCF	Water Produced Bbls.	Ct
1979							
Jan.							
Feb.							
March							
April							
May							
June							
July							
August							
Sept.							
Oct.							
Nov.	1	57		21,499		30	
Dec.	1	0		19,207	40,706	0	
Yearly Total		57		40,706		30	

1980							
Jan.	1	45	102	17,607	58,313	0	30
Feb.	1	38	140	14,858	73,171	19	59
March	1	50	190	15,973	89,144	25	84
April							
May							
June							
July							
August							
Sept.							
Oct.							
Nov.							
Dec.							
Yearly Total							

Jan.							
Feb.							
March							
April							
May							
June							
July							
August							
Sept.							
Oct.							
Nov.							
Dec.							
Yearly Total							



United States Department of the Interior

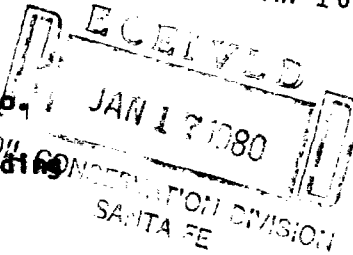
GEOLOGICAL SURVEY

P. O. Box 26124
Albuquerque, New Mexico 87125

365

JAN 16 1980

Bass Enterprises Production Co.
Attention: Mr. Jens Hansen
Fort Worth National Bank Building
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
Oil and Gas Supervisor, SRMA

Enclosure

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



ONE HUNDRED YEARS OF EARTH SCIENCE IN THE PUBLIC SERVICE

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

C
O
P
Y

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

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 potential for 959 MCFD.

365
OK for approval
1/4/80
E/P

- 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 potentialized 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 13,060'. 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 potentialized 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 potentialized 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 potentialized 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.

Restrictive Drilling Areas

The location for the proposed Big Eddy #78 is within a barren area inside the R-111 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.

Sincerely,



Jens Hansen
Division Landman

JH:ym

Agreed to and accepted this 5th day of January, 197~~9~~⁸⁰.

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

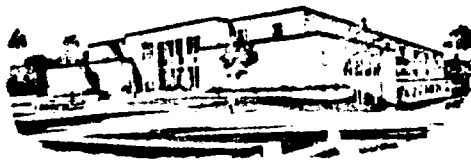
AJA/RDG/s
encl.

cc: OCD-Santa Fe, New Mexico ✓
 USGS-Roswell, New Mexico
 USGS-Albuquerque, New Mexico

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



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

One
365

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 recommendations for the participating areas on the captioned wells. This is subject to like concurrence 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-Albuquerque, New Mexico
 USGS-Roswell, New Mexico

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

July 11, 1979

RECEIVED
JUL 16 10 09 AM '79
STATE ENGINEER'S OFFICE

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.

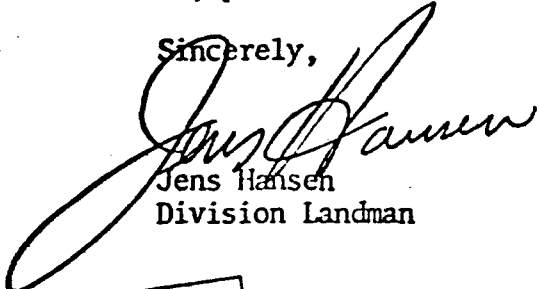
The Big Eddy Unit Well #53 was completed in the depths 11,639' through 11,647' and 11,762' through 11,815'. This well has a limited production history and at this time there is no indication of extensive reserves. The well is currently producing approximately 600 MCFD. Bass has fracture treated the well 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 monitor 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.

Sincerely,


Jens Hansen
Division Landman

JH/ma

cc: Commissioner of Public Lands
New Mexico Oil Conservation Commission
Jim Greve
Jim Pullig

THIS COPY FOR

RECEIVED
JUL 16 10 09 AM '79
STATE LAND OFFICE
SANTA FE, N.M.

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

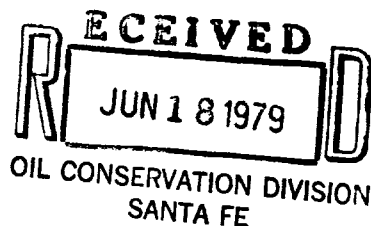
JDR/EP/fd
enc.

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

C
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P
Y

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

THIS COPY FOR

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.

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

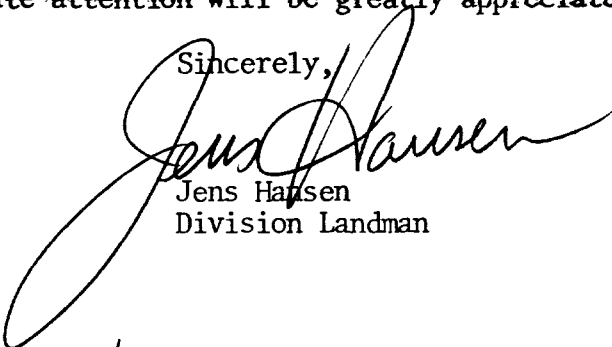
In our original Plan of Development for 1979, we listed five Morrow and four Delaware wells to be drilled in the Big Eddy Unit. We are requesting your approval of a revised plan to the effect that we will drill seven Morrow wells which will be an increase in \$650,000 in well costs from the original 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.

Sincerely,


Jens Hansen
Division Landman

JH/ma

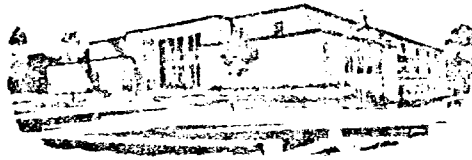
Agreed to and accepted this 2nd day of July, 1979

Signed: 

cc: 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

State of New Mexico



Commissioner of Public Lands

June 4, 1979

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

ALEX J. ARMIJO
COMMISSIONER

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,

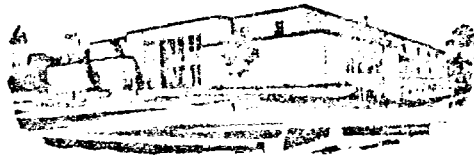
ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

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

State of New Mexico



Commissioner of Public Lands

June 4, 1979

ALEX J. ARMIJO
COMMISSIONER

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

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

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

365

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

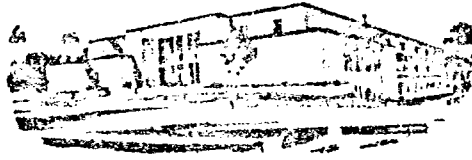
AJA/RDG/s

cc: OCD-Santa Fe, New Mexico ✓
USGS-Roswell, New Mexico
USGS-Albuquerque, New Mexico

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



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 #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

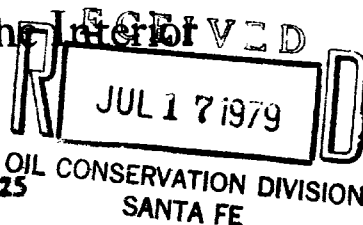
cc: OCD-Santa Fe, New Mexico
USGS-Roswell, New Mexico
USGS-Albuquerque, New Mexico



United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124
Albuquerque, New Mexico 87125



JUL 16 1979

365

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

Gentlemen:

On this date, your amended 1979 plan of development and operation for the Big Eddy unit area, Eddy County, New Mexico, 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 enclosed.

Sincerely yours,

(ORIG. SGD.) GENE F. DANIEL

/s/ Oil and Gas Supervisor, SRMA

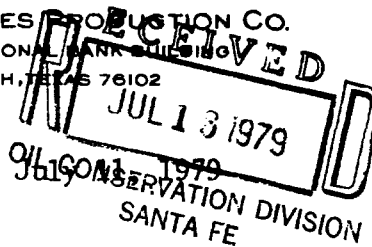
Enclosure

cc:

NMOCD, Santa Fe (ltr. only)

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

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



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.

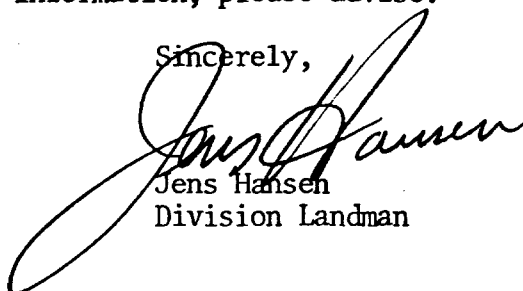
The Big Eddy Unit Well #53 was completed in the depths 11,639' through 11,647' and 11,762' through 11,815'. This well has a limited production history and at this time there is no indication of extensive reserves. The well is currently producing approximately 600 MCFD. Bass has fracture treated the well 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 monitor 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.

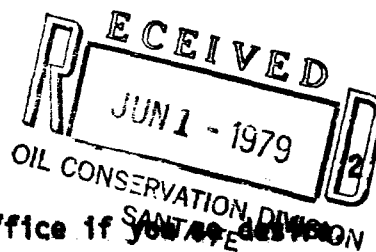
Sincerely,



Jens Hansen
Division Landman

JH/ma

cc: Commissioner of Public Lands
New Mexico Oil Conservation Commission ← THIS COPY FOR
Jim Greve
Jim Pullig



A conference can be arranged with the Roswell office if you are available.

Sincerely yours,

Orig. Signed = JAMES W. SUTHERLAND

Oil and Gas Supervisor, SRMA

cc:

NMOC, Santa Fe
Com. Pub. Lands, Santa Fe

State of New Mexico



Commissioner of Public Lands

June 20, 1979

ALEX J. ARMIJO
COMMISSIONER

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

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

365

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

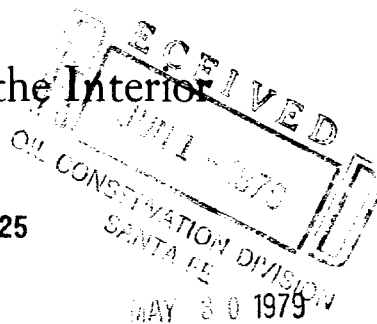


United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124

Albuquerque, New Mexico 87125



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 SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 16, T. 21 S., R. 30 E., and No. 53 in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ 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 letter, you have determined that unit well No. 54 in the SW $\frac{1}{4}$ 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 Morrow 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

C
O
P
Y

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,

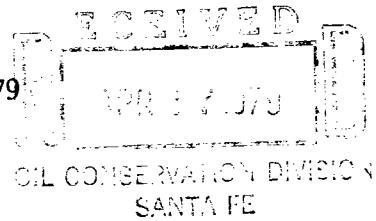
JOE D. RAMEY
Director

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



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

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

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

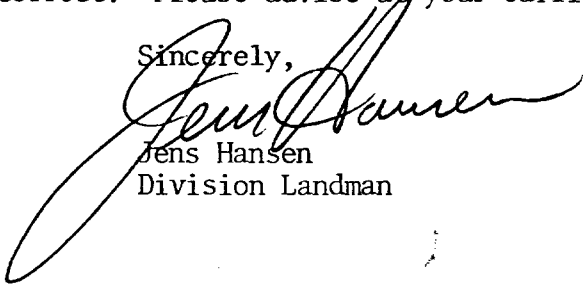
Re: Lease #4147 and 14664
Big Eddy Well #44
SE/4 NE/4 Section 16
T-21-S, R-30-E
Eddy County, New Mexico

Gentlemen:

We recently drilled and completed the referenced well and have determined that this well is a commercially producing well. 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.

Sincerely,


Jens Hansen
Division Landman

JH/ma

Enclosures

*Use data in your application
that the well is commercially producing
and request the E/2 of Section 16, T-21-S, R-30-E
to be designated as the participating area.*

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

* Before operating expense, repayment of investment and federal income tax

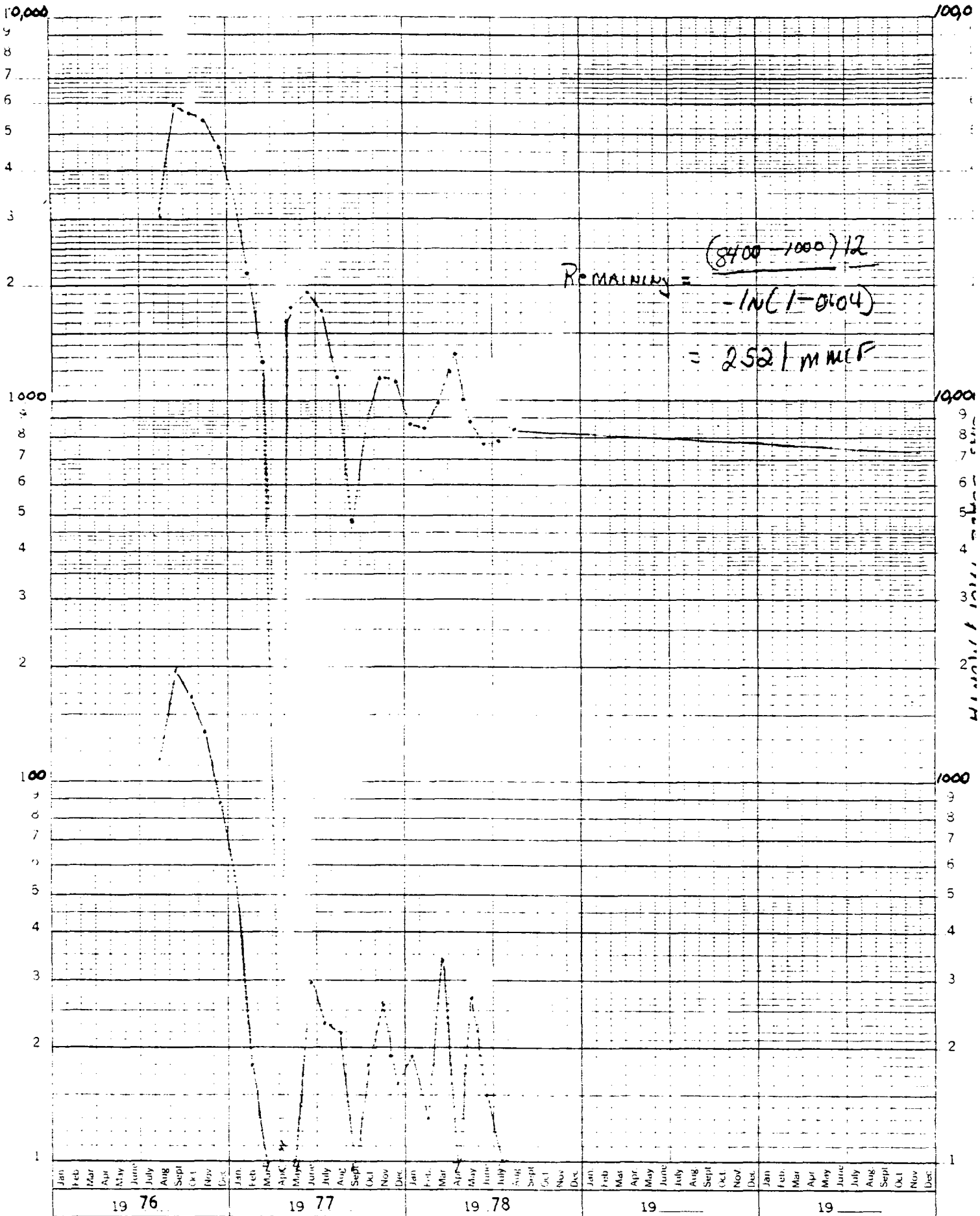
MONTHLY OIL & GAS PRODUCTION
BIG EDDY UNIT WELL NO. 44
SOUTH MAROON CLIFFS MORROW GAS FIELD

<u>1976</u>	<u>OIL, BBLs</u>		<u>GAS, MCF</u>	
	<u>BOPM</u>	<u>CUMMULATIVE</u>	<u>MCF/mo</u>	<u>CUMMULATIVE</u>
August	113	113	30,870	30,870
September	199	312	59,249	90,119
October	165	477	56,604	146,723
November	134	611	54,009	200,732
December	88	699	46,236	246,968
TOTAL	699	699	246,968	246,968
<u>1977</u>				
January	54	753	34,649	281,617
February	18	771	21,395	303,012
March	4	775	12,434	315,446
April	0	775	41	315,487
May	4	779	17,649	333,136
June	30	809	19,107	352,243
July	23	832	17,006	369,249
August	22	854	11,609	380,858
September	1	855	4,659	385,517
October	18	873	8,530	394,047
November	26	899	11,635	405,682
December	16	915	11,359	417,041
TOTAL	216	915	170,073	417,041
<u>1978</u>				
January	19	934	8,627	425,668
February	13	947	8,579	434,247
March	34	981	9,894	444,141
April	7	988	10,319	454,460
May	27	1015	8,786	463,246
June	15	1030	7,609	470,855
July	5	1035	7,764	478,619
TOTAL	120	1035	61,578	478,619

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

46 66'10

KEUFFEL & ESSER CO. MINN. U.S.A.



WEST TEXAS
DIST - NORTH KIPMIT
FIELD - SOUTH MARION CREEKS

	CURRENT MONTH ACTUAL	OVER/UNDER BUDGET	PRD. & REV. CURRENT MONTH ADJUSTMENTS	YEAR TO DATE ACTUAL	OVER/UNDER BUDGET
--	-------------------------	-------------------	---	------------------------	-------------------

LEASE OPERATING EXPENSE

COMPANY LABOR	143.92	124-		1,037.47	836-
EMPLOYEE BENEFITS	26.09	21-		187.47	144-
EXPENSES OF EMPLOYEES	109.60			617.64	150-
CONTRACT LABOR					
CONTRACT SERVICES		1,770-			1,890-
MAINTENANCE MATERIALS & SUPPLIES		30-		85.94	125-
PULLING EXPENSE					
FUEL, WATER, POWER & LUBRICANTS					
CORROSION EXPENSES					
TREATING CHEMICALS					
LEASE SERVICE & MARINE TRANSPORT					
ROAD AND CANAL EXPENSE					
ALLOCATED SYS. & FACILITIES EXP					
ALLOCATED AREA EXPENSE					
TOTAL NORMAL LEASE OPERATIONS EXP	279.61	1,966-		1,928.52	3,151-
MAJOR MAINTENANCE - AFE DETAIL-					
MISC. EXPENSE RECOVERIES					
TOTAL LEASE OPERATIONS EXPENSE	279.61	1,966-		1,928.52	3,151-
TOTAL LEASE OPERATIONS EXPENSE	279.61	1,966-		1,928.52	3,151-
PRODUCTION & SEVERANCE TAXES-NET	713.51	99-		6,527.30	1,257-
AD VALOREM TAXES - NLT					
HAULING & PROCESSING CHARGES-NET					
TOTAL GROSS NET LEASE EXPENSES	993.12	2,065-		8,455.91	4,408-
TOTAL NET LEASE OPERATING INCOME	9,524.95	1,864		81,664.83	7,897-
ROYALTY INCOME - NET OF PRD. SEV. TAXES					
AD VALOREM TAXES - RDT -NET					
PRIOR YEAR NET REVENUE ADJUSTMENT					
PRIOR YEAR LEASE OPERATIONS ADJ					
GRAND TOTAL NET LEASE INCOME	9,524.95	1,864		81,664.83	7,897-
INCOME SUBJECT TO REFUND BY FPC -NET				13,631.25	

PROFIT MARGIN

90 %

90 %

DIV - WEST TEXAS
DIST - NORTH KERMIT
FIELD - SOUTH MARION CLIFFS

	CURRENT MONTH	PROD. + REV. CURRENT MONTH	YEAR TO DATE		
	ACTUAL	OVER/UNDER BUDGET	ADJUSTMENTS	ACTUAL	OVER/UNDER BUDGET

MO

PRODUCTION					
GROSS O/G VOLUMES					
BLS OF CRUDE OIL	7,764.00	970-		61,574.00	22,036-

MCF OF GAS	7,764.00	970-		61,574.00	22,036-
MCF GAS INJECTION	1,764.00	970-		61,574.00	22,036-
MCF GAS NET PRODUCTION	5.00	5		120.00	120
BLS OF CONDENSATE					

BASS NET VOLUMES

BLS OF CRUDE OIL	6,793.50	848-		53,880.77	19,279-
MCF OF GAS					
MCF GAS INJECTION	6,793.50	848-		53,880.77	19,279-
MCF GAS NET PRODUCTION	4.38	4		105.03	102
BLS OF CONDENSATE					

SALES

R.P.C.L

BASS NET VOLUMES

BLS OF CRUDE OIL	6,370.88	1,271-		62,419.89	10,741-
MCF OF GAS					
BLS OF CONDENSATE					
GALS OF PLANT PRODUCTS					

	UNIT PRICE	CUR	YTD
--	------------	-----	-----

BASS GROSS REVENUE						
CRUDE OIL	1.65	1.44	10,518.07	180-	90,120.74	12,306-

GAS			
CONDENSATE			
PLANT PRODUCTS			

TOTAL BASS GROSS REVENUE			10,518.07	180-	90,120.74	12,306-
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LEASE INCOME AND OPERATION REPORT
AS OF 7/31/78 RUN DATE 8/20/78

- WEST TEXAS
T - NORTH KERMIT
LD - SOUTH MAROON CLIFFS

SE 0331601 - BIG EDDY UNIT #44

CURRENT MONTH
ACTUAL OVER/UNDER BUDGET
PROD. + REV.
CURRENT MONTH
ADJUSTMENTS

YEAR TO DATE
ACTUAL OVER/UNDER BUDGET

LEASE OPERATING EXPENSE

WRK.INT.1.00000000 REV.INT..87500000

ROY

COMPANY LABOR	143.72	124-	1,037.47	836-
EMPLOYEE BENEFITS	26.09	21-	187.47	144-
EXPENSES OF EMPLOYEES	109.60		617.64	150-
CONTRACT LABOR				
CONTRACT SERVICES		1,770-		1,890-
MAINTENANCE MATERIALS + SUPPLIES		30-	95.94	125-
PULLING EXPENSE				
FUEL, WATER, POWER + LUBRICANTS				
CORROSION EXPENSES				
TREATING CHEMICALS				
LEASE SERVICE + MARINE TRANSPORT				
PIPING AND CANAL EXPENSE				
ALLOCATED SYS + FACILITIES EXP				
ALLOCATED AREA EXPENSE				
TOTAL NORMAL LEASE OPERATIONS EXP	279.61	1,946-	1,924.52	3,151-
MAJOR MAINTENANCE - AFE DETAIL-				
MISCL. EXPENSE RECOVERIES				
TOTAL LEASE OPERATIONS EXPENSE	279.61	1,946-	1,924.52	3,151-
TOTAL LEASE OPERATIONS EXPENSE	279.61	1,946-	1,924.52	3,151-
PRODUCTION + SEVERANCE TAXES-NET	713.51	99-	6,527.39	1,257-
AND VALOREM TAXES - NET				
HAULING + PROCESSING CHARGES-NET				
TOTAL LEASE NET LEASE EXPENSES	993.12	2,045-	8,455.91	4,408-
TOTAL NET LEASE OPERATING INCOME	9,524.95	1,864	81,664.83	7,897-
ROYALTY INCOME - NET OF PROD.SEV.TAXES				
AND VALOREM TAXES - ROY -NET				
PRIOR YEAR NET REVENUE ADJUSTMENT				
PRIOR YEAR LEASE OPERATIONS ADJ				
AND TOTAL NET LEASE INCOME	9,524.95	**	81,664.83	**
INCOME SUBJECT TO REFUND BY FPC -NET			13,631.25	

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

DIV - WEST TEXAS
DIST - NORTH KERMIT
FIELD - SOUTH MARION CLIFFS
LEASE 0331601 - BIG EDDY UNIT 444
CURRENT MONTH
ACTUAL OVER/UNDER BUDGET
PRD. + RV.
CURRENT MONTH
ADJUSTMENTS
YEAR TO DATE
ACTUAL OVER/UNDER BUDGET
MRK.INT.1.00000000 RV.INT..87500000 ROY

PRODUCTION

GROSS R/R VOLUMES

MO

07

BRLS OF CRUDE OIL	7,764.00	970-	61,578.00	22,036-
MCF OF GAS				
MCF GAS INJECTION	7,764.00	970-	61,578.00	22,036-
MCF GAS NET PRODUCTION	5.00	5	120.00	120
BRLS OF CONDENSATE				

BAAS NET VOLUMES

BRLS OF CRUDE OIL

MCF OF GAS

MCF GAS INJECTION

MCF GAS NET PRODUCTION

BRLS OF CONDENSATE

6,793.50

848-

53,880.77

19,279-

6,793.50

848-

53,880.77

19,279-

4.34

4

105.03

102

SALFS

R.P.C.L

BAAS NET VOLUMES

BRLS OF CRUDE OIL

MCF OF GAS

BRLS OF CONDENSATE

GALS OF PLANT PRODUCTS

5,370.08

1,271-

62,419.69

10,741-

BAAS GROSS REVENUE

CRUDE OIL

GAS

CONDENSATE

PLANT PRODUCTS

UNIT PRICE
CUR YTD

1.65 1.44

10,518.07

180-

90,120.74

12,306-

TOTAL BAAS 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

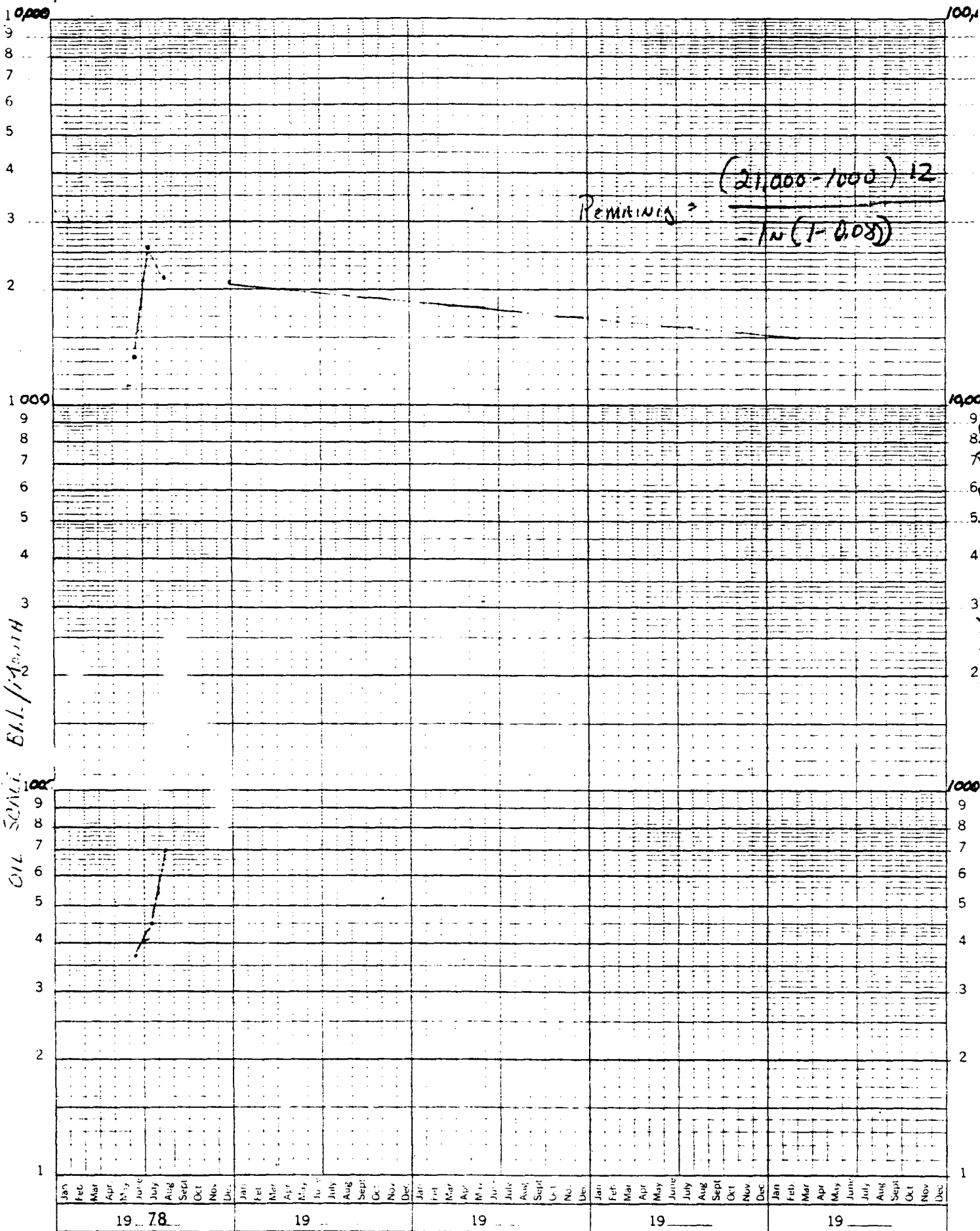
<u>1978</u>	<u>OIL, BBLs</u>		<u>GAS, MCF</u>	
	<u>BOPM</u>	<u>CUMMULATIVE</u>	<u>MCF/mo</u>	<u>CUMMULATIVE</u>
June	37	37	13,215	13,215
July	45	82	25,939	39,154
August	70	152	21,503	60,657
	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL	152	152	60,657	60,657

BIG EDDY UNIT WELL NO. 53
UNDESIGNATED MORROW GAS FIELD

RE 5 YEARS BY MONTHS & LOG CYCLES
KEUFFEL & ESSER CO. MADISON, WIS.

46 6690

OIL SCALING BILL / MONTH



DIV - WEST TEXAS
DIST - NORTH KERMIT
FIELD - NEW MEXICO UNDESIGNATED

CURRENT MONTH		PRD. + REV. ADJUSTMENTS		YEAR TO DATE	
ACTUAL	OVER/UNDER BUDGET	ACTUAL	OVER/UNDER BUDGET	ACTUAL	OVER/UNDER BUDGET

LEASE OPERATING EXPENSE

COMPANY LABOR

EMPLOYEE BENEFITS 22.77

183-

189.13

543-

EXPENSES OF EMPLOYEES 72-

72-

33.98

99-

CONTRACT LABOR 20-

20-

176.89

203-

MAINTENANCE MATERIALS + SUPPLIES 19-

19-

350.00

300

PULLING EXPENSE

FUEL, WATER, POWER + LUBRICANTS

CORROSION EXPENSES

TREATING CHEMICALS

LEASE SERVICE + MARINE TRANSPORT

ROAD AND CANAL EXPENSE

ALLOCATED SYS + FACILITIES EXP

ALLOCATED AREA EXPENSE

TOTAL NORMAL LEASE OPERATIONS EXP 22.77

MAJOR MAINTENANCE - AFE DETAIL-

MISCL EXPENSE RECOVERIES

TOTAL LEASE OPERATIONS EXPENSE 22.77

318-

24,741.41

24,721

25,586.61

24,221

14,871-

1,223.45

1,491-

1,223.45

1,491-

1,223.45

1,491-

1,223.45

1,223.45

1,491-

1,223.45

1,491-

1,223.45

1,491-

1,223.45

1,491-

1,223.45

1,491-

25,586.61

24,221

14,871-

1,223.45

1,491-

1,223.45

1,491-

1,223.45

1,491-

1,223.45

25,586.61

24,221

14,871-

1,223.45

1,491-

1,223.45

1,491-

1,223.45

1,491-

1,223.45

25,586.61

24,221

14,871-

1,223.45

1,491-

1,223.45

1,491-

1,223.45

1,491-

1,223.45

OPERATED

BASS ENTERPRISES PRODUCTION COMPANY F.I. AL
LEASE INCOME AND OPERATORY REPORT
AS OF 7/31/78 RUN DATE 8/20/78

- WEST TEXAS
- NORTH KERRIT

ND - NEW MEXICO UNDESIGNATED

CURRENT MONTH	PRD. + REV.	YEAR TO DATE
ACTUAL	CURRENT MONTH	ACTUAL
OVER/UNDER BUDGET	ADJUSTMENTS	OVER/UNDER BUDGET

DUCTION
GROSS 8/8 VOLUMES
BRLS OF CRUDE OIL

MCF OF GAS	25,939.00	3,923-	39,154.00	137,877-
MCF GAS INJECTION				
MCF GAS NET PRODUCTION	25,939.00	3,923-	39,154.00	137,877-
BRLS OF CONDENSATE	45.00	45	82.00	42

BASS NET VOLUMES

BRLS OF CRUDE OIL	21,399.68	3,236-	32,302.06	113,747-
MCF OF GAS				
MCF GAS INJECTION				
MCF GAS NET PRODUCTION	21,399.68	2,606	32,302.06	47,436-
BRLS OF CONDENSATE	37.13	47	47.66	67

FS
B.P.C.L.

BASS NET VOLUMES

BRLS OF CRUDE OIL	13,922.17	13,713-	10,922.17	135,127-
MCF OF GAS				
BRLS OF CONDENSATE				
GALS OF PLANT PRODUCTS				

BASS GROSS REVENUE
CRUDE OIL
UNIT PRICE
CUR YTD

GAS	1.65	1.65	18,023.20	17,698-	18,023.20	193,748-
CONDENSATE						
PLANT PRODUCTS						

TOTAL BASS GROSS REVENUE			18,023.20 *	17,698-	18,023.20 *	193,748-
--------------------------	--	--	-------------	---------	-------------	----------

ST - NORTH KERMIT
FIELD - NEW MEXICO UNDESIGNATED

CURRENT MONTH
ACTUAL OVER/UNDER BUDGET

PERIOD. + RIV.
CURRENT MONTH
ADJUSTMENTS

YEAR TO DATE
ACTUAL OVER/UNDER BUDGET

LEASE 0333001 - BIG EDDY UNIT #53

WRK. INT. 1.00000000

RIV. INT. .02500000

ROY

LEASE OPERATING EXPENSE

COMPANY LABOR	193-	189.13	543-
EMPLOYEE BENEFITS	33-	33.98	99-
EXPENSES OF EMPLOYEES	72-	176.89	203-
CONTRACT LABOR			
CONTRACT SERVICES	20-	340.00	300
MAINTENANCE MATERIALS + SUPPLIES	10-	65.20	25
PULLING EXPENSE			
FUEL, WATER, POWER + LUBRICANTS			
CORROSION EXPENSES			
TREATING CHEMICALS			
LEASE SERVICE + MARINE TRANSPORT			
ROAD AND CANAL EXPENSE			
ALLOCATED SYS + FACILITIES EXP			
ALLOCATED AREA EXPENSE			
TOTAL NORMAL LEASE OPERATIONS EXP	22.77	645.20	519-
MAJOR MAINTENANCE - AFE DETAIL-			
MISCL EXPENSE RECOVERIES			
TOTAL LEASE OPERATIONS EXPENSE	22.77	645.20	519-
TOTAL BASS LEASE OPERATIONS EXPENSE	22.77	645.20	519-
PRODUCTION + SEVERANCE TAXES-NET	1,223.45	1,223.45	14,871-
AD VALOREM TAXES - NET			
HAULING + PROCESSING CHARGES-NET			
TOTAL BASS NET LEASE EXPENSES	1,246.22	2,068.65	15,389-
TOTAL NET LEASE OPERATING INCOME	16,776.98	15,954.55	178,358-
ROYALTY INCOME - NET OF PROD. SEV. TAXES			
AD VALOREM TAXES - ROY - NET			
PRIOR YEAR NET REVENUE ADJUSTMENT			
PRIOR YEAR LEASE OPERATIONS ADJ			
GRAND TOTAL NET LEASE INCOME	16,776.98	15,954.55	178,358-

INCOME SUBJECT TO REFUND BY FPC -NET

PROFIT MARGIN

93 %

88 %

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

WV - WEST TEXAS
DIST - NORTH KERMIT
FIELD - NEW MEXICO UNDESIGNATED

LEASE 0333001 - BIG EDDY UNIT #53

WKR.INT.1.00000000

RFV.INT..82500000

ROY

CURRENT MONTH
ACTUAL OVER/UNDER BUDGET

PROD. + RFV.
CURRENT MONTH
ADJUSTMENTS

YEAR TO DATE
ACTUAL OVER/UNDER BUDGET

PRODUCTION

GROSS 8/8 VOLUMES

MO

BBLS OF CRUDE OIL

07

MCF OF GAS

MCF GAS INJECTION

MCF GAS NET PRODUCTION

BBLS OF CONDENSATE

25,939.00

3,923-

39,154.00

137,877-

25,939.00

3,923-

39,154.00

137,877-

45.00

45

82.00

82

BASS NET VOLUMES

BBLS OF CRUDE OIL

MCF OF GAS

MCF GAS INJECTION

MCF GAS NET PRODUCTION

BBLS OF CONDENSATE

21,399.68

3,236-

32,302.06

113,747-

21,399.68

3,236-

32,302.06

68,440-

47.13

47

67.66

67

SALES

B.P.C.L

BASS NET VOLUMES

BBLS OF CRUDE OIL

MCF OF GAS

BBLS OF CONDENSATE

GALS OF PLANT PRODUCTS

10,922.17

13,713-

10,922.17

135,127-

BASS GROSS REVENUE

UNIT PRICE
CUR YTD

CRUDE OIL

GAS

CONDENSATE

PLANT PRODUCTS

1.65 1.65

18,023.20

17,698-

18,023.20

193,748-

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

<u>1978</u>	<u>OIL, BBLs</u>		<u>GAS, MCF</u>	
	<u>BOPM</u>	<u>CUMMULATIVE</u>	<u>MCF/mo</u>	<u>CUMMULATIVE</u>
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
	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL	135	135	69,228	69,228

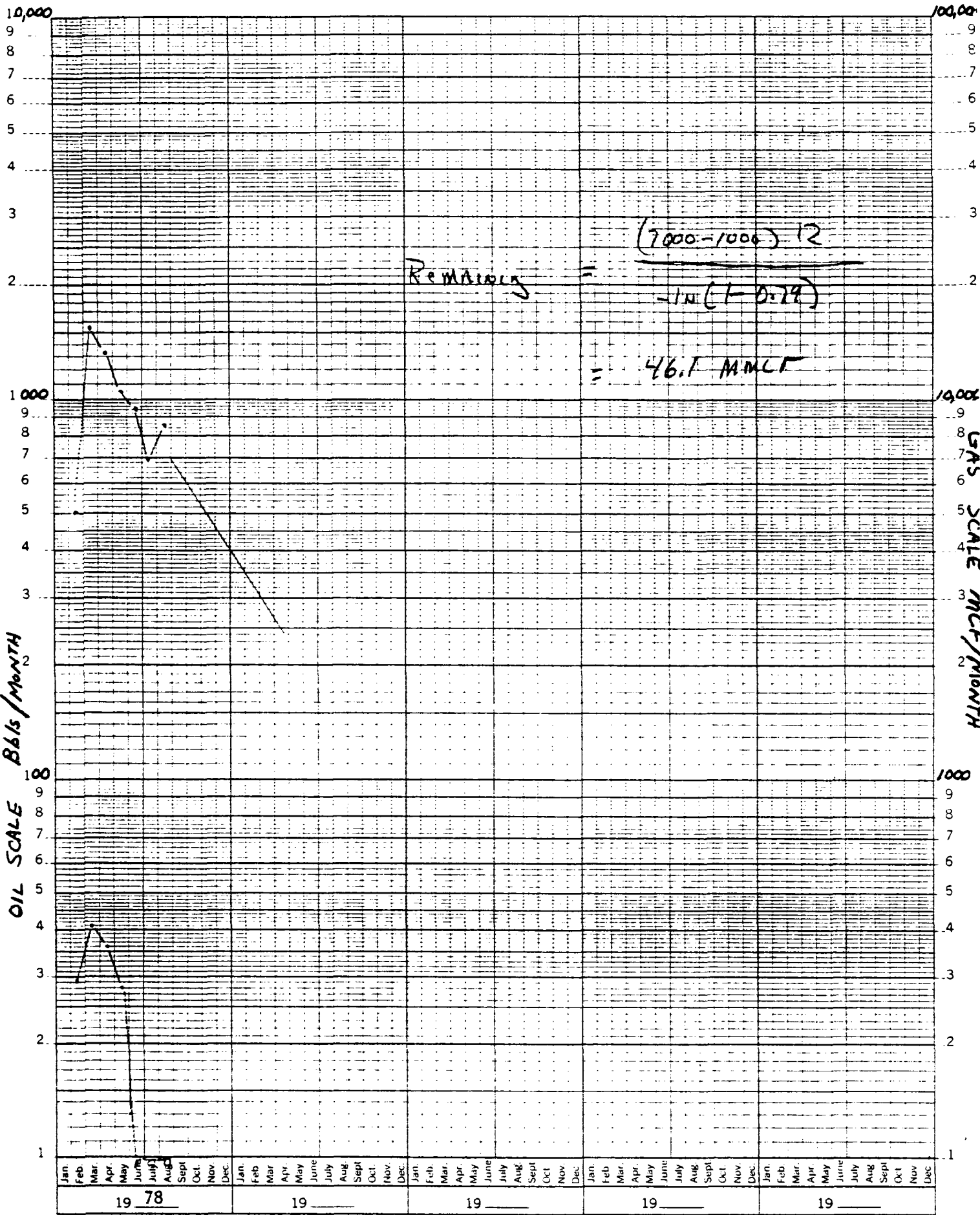
MONTHLY OIL AND GAS PRODUCTION
BIG EDDY UNIT WELL NO. 54
BASS MORROW GAS FIELD

46 6690

KEUFFEL & ESSER CO. MADE IN U.S.A.

OIL SCALE Bbls/MONTH

GAS SCALE MCF/MONTH



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

WEST TEXAS
- MORTU KERMIT
FIELD - MASS MORROW

CURRENT MONTH
ACTUAL

OVER/UNDER BUDGET

PRD. + REV.
CURRENT MONTH
ADJUSTMENTS

LEASE OPERATING EXPENSE

COMPANY LABDR	124.42	575-	1
EMPLOYEE BENEFITS	22.50	105-	
EXPENSES OF EMPLOYEES	61.27	258-	
CONTRACT LABOR			
CONTRACT SERVICES		191-	
MAINTENANCE MATERIALS + SUPPLIES			
PULLING EXPENSE			
FUEL, WATER, POWER + LUBRICANTS			
CORROSION EXPENSES			
TREATING CHEMICALS			
LEASE SERVICE + MARINE TRANSPORT			
ROAD AND CANAL EXPENSE			
ALLOCATED SYS. + FACILITIES EXP			
ALLOCATED AREA EXPENSE			
TOTAL NORMAL LEASE OPERATIONS EXP	208.19	1,110-	2,
MAJOR MAINTENANCE -AFF DETAIL-			15,
MISCL EXPENSE RECOVERIES			
TOTAL LEASE OPERATIONS EXPENSE	208.19	1,130-	18,
TOTAL BASS LEASE OPERATIONS EXPENSE	173.48	942-	15,
PRODUCTION + SEVERANCE TAXES-NET	5,440.83	4,133-	39,5
AD VALOREM TAXES - NET			
HAULING + PROCESSING CHARGES-NET			
TOTAL BASS NET LEASE EXPENSES	5,614.31	5,076-	55,0
TOTAL NET LEASE OPERATING INCOME	60,834.45	54,455-	414,6
ROYALTY INCOME - NET OF PROD.SEV.TAXES			
AD VALOREM TAXES - ROY -NET			
PRIOR YEAR NET REVENUE ADJUSTMENT			
PRIOR YEAR LEASE OPERATIONS ADJ			
GRAND TOTAL NET LEASE INCOME	60,834.45	54,455-	414,6
INCOME SUBJECT TO REFUND BY FPC -NET			72,94
PROFIT MARGIN			91

WV - WEST TEXAS
DIST - NORTH KERRIT
FIELD - HASS MORROW

	CURRENT MONTH	PRD. + REV. ADJUSTMENTS	YEAR TO DATE
	ACTUAL	OVER/UNDER BUDGET	ACTUAL
			OVER/UNDER BUDGET

LEASE OPERATING EXPENSE

COMPANY LABOR	124.42	575-	1,108.62	2,368-
EMPLOYEE BENEFITS	22.50	105-	200.17	436-
EXPENSES OF EMPLOYEES	61.27	258-	788.58	808-
CONTRACT LABOR				
CONTRACT SERVICES		191-	334.44	627-
MAINTENANCE MATERIALS + SUPPLIES			346.90	345
PULLING EXPENSE				
FUEL, WATER, POWER + LUBRICANTS				
CORROSION EXPENSES				
TREATING CHEMICALS				
LEASE SERVICE + MAKING TRANSPORT				
ROAD AND CANAL EXPENSE				
ALLOCATED SYS + FACILITIES EXP				
ALLOCATED AREA EXPENSE				
TOTAL NORMAL LEASE OPERATIONS EXP	208.19	1,130-	2,776.73	3,923-
MAJOR MAINTENANCE - AFF DETAIL-			15,821.05	15,821
MISCL EXPENSE RECOVERIES				
TOTAL LEASE OPERATIONS EXPENSE	208.19	1,130-	18,599.78	11,898
TOTAL BASS LEASE OPERATIONS EXPENSE	173.48	942-	15,499.75	9,914
PRODUCTION + SEVERANCE TAXES-NET	5,440.83	4,133-	39,524.71	6,784-
AD VALOREM TAXES - NET				
HAULING + PROCESSING CHARGES-NET				
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-
ROYALTY INCOME - NET OF PROD.SEV.TAXES				
AD VALOREM TAXES - ROY -NET				
PRIOR YEAR NET REVENUE ADJUSTMENT				
PRIOR YEAR LEASE OPERATIONS ADJ				
GRAND TOTAL NET LEASE INCOME	60,834.45	**	414,698.00	**
GRAND TOTAL NET LEASE INCOME				142,757-
INCOME SUBJECT TO REFUND BY FPC -NET			72,943.29	
PROFIT MARGIN				91 %

MASS UTILITIES PRODUCTION COMPANY FT AI
LEASE INCOME AND OPERATION REPORT
AS OF 7/31/78 RUN DATE 8/20/78

DIV - WEST TEXAS
DIST - NORTH KERRIT
FIELD - BASS MORROW

	CURRENT MONTH	PROD. + REV.	YEAR TO DATE
	ACTUAL	CURRENT MONTH ADJUSTMENTS	ACTUAL OVER/UNDER BUDGET

40

PRODUCTION

GROSS 8/8 VOLUMES

BRLS OF CRUDE OIL

MCF OF GAS

MCF GAS INJECTION

MCF GAS NET PRODUCTION

BRLS OF CONDENSATE

BASS NET VOLUMES

BRLS OF CRUDE OIL

MCF OF GAS

MCF GAS INJECTION

MCF GAS NET PRODUCTION

BRLS OF CONDENSATE

SALES

N.P.C.L

BASS NET VOLUMES

BRLS OF CRUDE OIL

MCF OF GAS

BRLS OF CONDENSATE

GALS OF PLANT PRODUCTS

	UNIT PRICE
BASS GROSS REVENUE	CUR YTD

CRUDE OIL

GAS

CONDENSATE

PLANT PRODUCTS

TOTAL BASS GROSS REVENUE

10 2 1

10 2 1

10 2 1

10 2 1

10 2 1

10 2 1

10 2 1

10 2 1

DIV - WEST TEXAS
DIST - NORTH KERMIT
FIELD - BASS MORROW
LEASE 0833802 - BIG ENDY UNIT 454
CURRENT MONTH
ACTUAL OVER/UNDER BUDGET
PROD. + REV.
CURRENT MONTH
ADJUSTMENTS
YEAR TO DATE
ACTUAL OVER/UNDER BUDGET
REV.INT. 67915667 RUY

PRODUCTION
GROSS 8/8 VOLUMES
MO

BRLS OF CRUDE OIL NO
MCF OF GAS
MCF GAS INJECTION
MCF GAS NET PRODUCTION
BRLS OF CONDENSATE

BASS NET VOLUMES
BRLS OF CRUDE OIL
MCF OF GAS
MCF GAS INJECTION
MCF GAS NET PRODUCTION
BRLS OF CONDENSATE
64,685
336,452

SALES
B.P.C.I.

BASS NET VOLUMES
BRLS OF CRUDE OIL
MCF OF GAS
BRLS OF CONDENSATE
GALS OF PLANT PRODUCTS
5,241.14
5,241
40,516.99
30,514

BASS GROSS REVENUE
CRUDE OIL
GAS
CONDENSATE
PLANT PRODUCTS
UNIT PRICE
CUR YTD
1.64 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

C
O
P
Y

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, T21S, 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 not a
commercial well entitled to be included in a partici-
pating area.

Yours very truly,

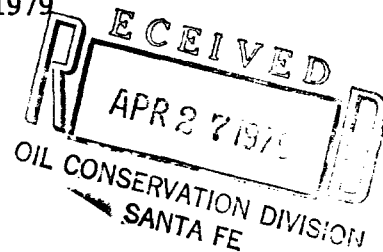
JOE D. RAMEY
Director

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

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

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

365

Re: Lease #4788
Big Eddy Well #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,

Jens Hansen
Division Landman

JH/ma

Enclosures

Ref is made to letter dated
8 Apr 23 concerning
the Big Eddy Well #54

For concern see enclosure
that is in the Bureau of Land Management + not to be included in a participating area.

Approved as of
5/6/79

over
a participating area

TABLE I
DETERMINATION OF
WELL'S PROFITABILITY

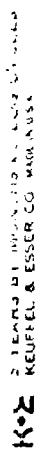
	BIG EDDY #44	BIG EDDY #53	BIG EDDY #54
WELL COST	\$827,998.94	\$573,144.39	\$639,472.11
GAS PRICE, GROSS \$/MCF	1.65	1.65	1.51
ROYALTY INTEREST, %	12.5	17.5	17.5
PROD & AD VAL TX, %	7.24	6.78	8.41
GAS PRICE, NET \$/MCF	1.34	1.27	1.14
CUMMULATIVE GAS, MMCF	479	61	69
REMAINING GAS, MMCF	2521	2439	46
ULTIMATE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

* 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

<u>1976</u>	<u>OIL, BBLs</u>		<u>GAS, MCF</u>	
	<u>BOPM</u>	<u>CUMMULATIVE</u>	<u>MCF/mo</u>	<u>CUMMULATIVE</u>
August	113	113	30,870	30,870
September	199	312	59,249	90,119
October	165	477	56,604	146,723
November	134	611	54,009	200,732
December	88	699	46,236	246,968
TOTAL	699	699	246,968	246,968
<u>1977</u>				
January	54	753	34,649	281,617
February	18	771	21,395	303,012
March	4	775	12,434	315,446
April	0	775	41	315,487
May	4	779	17,649	333,136
June	30	809	19,107	352,243
July	23	832	17,006	369,249
August	22	854	11,609	380,858
September	1	855	4,659	385,517
October	18	873	8,530	394,047
November	26	899	11,635	405,682
December	16	915	11,359	417,041
TOTAL	216	915	170,073	417,041
<u>1978</u>				
January	19	934	8,627	425,668
February	13	947	8,579	434,247
March	34	981	9,894	444,141
April	7	988	10,319	454,460
May	27	1015	8,786	463,246
June	15	1030	7,609	470,855
July	5	1035	7,764	478,619
TOTAL	120	1035	61,578	478,619

46 66'x11



WEST TEXAS
DIST - NORTH KIPMIT
FIELD - SOUTH MARION CLIFFS

CURRENT MONTH		PRD. + REV.		YEAR TO DATE	
ACTUAL	OVER/UNDER BUDGET	CURRENT MONTH ADJUSTMENTS	ACTUAL	OVER/UNDER BUDGET	

LEASE OPERATING EXPENSE

COMPANY LABOR	143.92	124-	1,037.47	836-
EMPLOYEE BENEFITS	26.09	21-	187.47	144-
EXPENSES OF EMPLOYEES	109.60		617.64	150-
CONTRACT LABOR				
CONTRACT SERVICES		1,770-		1,890-
MAINTENANCE MATERIALS + SUPPLIES		30-	85.94	125-
PULLING EXPENSE				
FUEL, WATER, POWER + LUBRICANTS				
CORROSION EXPENSES				
TREATING CHEMICALS				
LEASE SERVICE + MARINE TRANSPORT				
ROAD AND CANAL EXPENSE				
ALLOCATED SYS. + FACILITIES EXP				
ALLOCATED AREA EXPENSE				
TOTAL NORMAL LEASE OPERATIONS EXP	279.61	1,946-	1,928.52	3,151-
MAJOR MAINTENANCE - AFE DETAIL-				
MISCL EXPENSE RECOVERIES				
TOTAL LEASE OPERATIONS EXPENSE	279.61	1,946-	1,928.52	3,151-
TOTAL GASS LEASE OPERATIONS EXPENSE	279.61	1,946-	1,928.52	3,151-
PRODUCTION + SEVERANCE TAXES-NET	713.51	99-	6,527.39	1,257-
AD VALOREM TAXES - NET				
HAULING + PROCESSING CHARGES-NET				
TOTAL GASS NET LEASE EXPENSES	993.12	2,045-	8,455.91	4,408-
TOTAL NET LEASE OPERATING INCOME	9,524.95	1,864	81,664.83	7,897-
ROYALTY INCOME - NET OF PRD. SEV. TAXES				
AD VALOREM TAXES - ROY - NET				
PRIOR YEAR NET REVENUE ADJUSTMENT				
PRIOR YEAR LEASE OPERATIONS ADJ				
GRAND TOTAL NET LEASE INCOME	9,524.95	1,864	81,664.83	7,897-
INCOME SUBJECT TO REFUND BY FPC - NET			13,631.25	

PROFIT MARGIN

90 %

90 %

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

DIV - WEST TEXAS
FIELD - SOUTH MARION CLIFFS

CURRENT MONTH		PROD. + REV.		YEAR TO DATE	
ACTUAL	OVER/UNDER BUDGET	CURRENT MONTH ADJUSTMENTS	ACTUAL	OVER/UNDER BUDGET	

MO

PRODUCTION

GROSS 8/8 VOLUMES

BRLS OF CRUDE OIL	7,764.00	970-	61,578.00	22,036-
MCF OF GAS				
MCF GAS INJECTION	7,764.00	970-	61,578.00	22,036-
MCF GAS NET PRODUCTION	5.00	5	120.00	120
BRLS OF CONDENSATE				

BASS NET VOLUMES

BRLS OF CRUDE OIL	6,793.50	848-	53,880.77	19,279-
MCF OF GAS				
MCF GAS INJECTION	6,793.50	848-	53,880.77	19,279-
MCF GAS NET PRODUCTION	4.38	4	105.03	102
BRLS OF CONDENSATE				

SALES

O.P.C.O.L

BASS NET VOLUMES

BRLS OF CRUDE OIL	6,370.88	1,271-	62,419.89	10,741-
MCF OF GAS				
BRLS OF CONDENSATE				
GALS OF PLANT PRODUCTS				

BASS GROSS REVENUE	UNIT PRICE	
	CUR	YTD

CRUDE OIL

1.65	1.44	10,518.07	100-	90,120.74	12,306-
------	------	-----------	------	-----------	---------

GAS

CONDENSATE

PLANT PRODUCTS

TOTAL BASS GROSS REVENUE	10,518.07 *	100-	90,120.74 *	12,306-
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LEASE INCOME AND OPERATION REPORT
AS OF 7/31/78 RUN DATE 8/20/78

- WEST TEXAS
- NORTH KERMIT
- SOUTH MARION CLIFFS

SE 0331601 - BIG EDDY UNIT #44

USE OPERATING EXPENSE

CURRENT MONTH
ACTUAL OVER/UNDER BUDGET
PROD. + REV.
CURRENT MONTH
ADJUSTMENTS
YEAR TO DATE
ACTUAL OVER/UNDER BUDGET

WRK.INT.1.00000000 REV.INT. .87500000 ROY

COMPANY LABOR	143.92	124-	1,037.47	836-
EMPLOYEE BENEFITS	26.09	21-	187.47	144-
EXPENSES OF EMPLOYEES	109.60		617.64	150-
CONTRACT LABOR				
CONTRACT SERVICES		1,770-		1,890-
MAINTENANCE MATERIALS + SUPPLIES		30-	95.94	125-
PULLING EXPENSE				
FUEL, WATER, POWER + LUBRICANTS				
CORROSION EXPENSES				
TREATING CHEMICALS				
LEASE SERVICE + MARINE TRANSPORT				
LOAD AND CANAL EXPENSE				
UNLOCATED SYS + FACILITIES EXP				
UNLOCATED AREA EXPENSE	279.61	1,946-	1,924.52	3,151-
TOTAL NORMAL LEASE OPERATIONS EXP				
MAJOR MAINTENANCE -AFF DETAIL-				
MISCL. EXPENSE RECOVERIES	279.61	1,946-	1,924.52	3,151-
TOTAL LEASE OPERATIONS EXPENSE				
TOTAL BASS LEASE OPERATIONS EXPENSE	279.61	1,946-	1,924.52	3,151-
PRODUCTION + SEVERANCE TAXES-NET	713.51	99-	6,527.39	1,257-
PROD VALOREM TAXES - NET				
HAULING + PROCESSING CHARGES-NET				
TOTAL BASS NET LEASE EXPENSES	993.12	2,045-	8,455.91	4,408-
TOTAL NET LEASE OPERATING INCOME	9,524.95	1,864	81,664.83	7,897-
ROYALTY INCOME - NET OF PROD.SEV.TAXES				
PROD VALOREM TAXES - ROY -NET				
PRIOR YEAR NET REVENUE ADJUSTMENT				
PRIOR YEAR LEASE OPERATIONS ADJ				
IND TOTAL NET LEASE INCOME	9,524.95	**	1,864	81,664.83
IND TOTAL NET LEASE INCOME				7,897-
INCOME SUBJECT TO REFUND BY FPC -NET				13,631.25

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

DIV - WEST TEXAS
DIST - NORTH KERMIT
FIELD - SOUTH MARION CLIFFS

LEASE 0331601 - BIG EDDY UNIT #44

WK. INT. 1.00000000

Rfv. INT. .87500000

ROY

CURRENT MONTH

PROD. + Rfv.
CURRENT MONTH

YEAR TO DATE

ACTUAL OVER/UNDER BUDGET

ADJUSTMENTS

ACTUAL OVER/UNDER BUDGET

PRODUCTION

GROSS R/R VOLUMES

MO

BRLS OF CRUDE OIL

07

MCF OF GAS

7,764.00

970-

61,578.00

22,036-

MCF GAS INJECTION

7,764.00

970-

61,578.00

22,036-

MCF GAS NET PRODUCTION

5.00

5

120.00

120

BRLS OF CONDENSATE

5.00

5

120.00

120

BAAS NET VOLUMES

BRLS OF CRUDE OIL

6,793.50

848-

53,880.77

19,279-

MCF OF GAS

6,793.50

848-

53,880.77

19,279-

MCF GAS INJECTION

6,793.50

848-

53,880.77

19,279-

MCF GAS NET PRODUCTION

4.38

4

105.03

102

BRLS OF CONDENSATE

4.38

4

105.03

102

SALES

H.P.C.L

BAAS NET VOLUMES

BRLS OF CRUDE OIL

6,370.88

1,271-

62,419.69

10,741-

MCF OF GAS

6,370.88

1,271-

62,419.69

10,741-

BRLS OF CONDENSATE

6,370.88

1,271-

62,419.69

10,741-

GALS OF PLANT PRODUCTS

6,370.88

1,271-

62,419.69

10,741-

BAAS GROSS REVENUE

UNIT PRICE
CUR YTD

CRUDE OIL

1.65 1.44

10,518.07

180-

90,120.74

12,306-

GAS

1.65 1.44

10,518.07

180-

90,120.74

12,306-

CONDENSATE

1.65 1.44

10,518.07

180-

90,120.74

12,306-

PLANT PRODUCTS

1.65 1.44

10,518.07

180-

90,120.74

12,306-

TOTAL BAAS 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

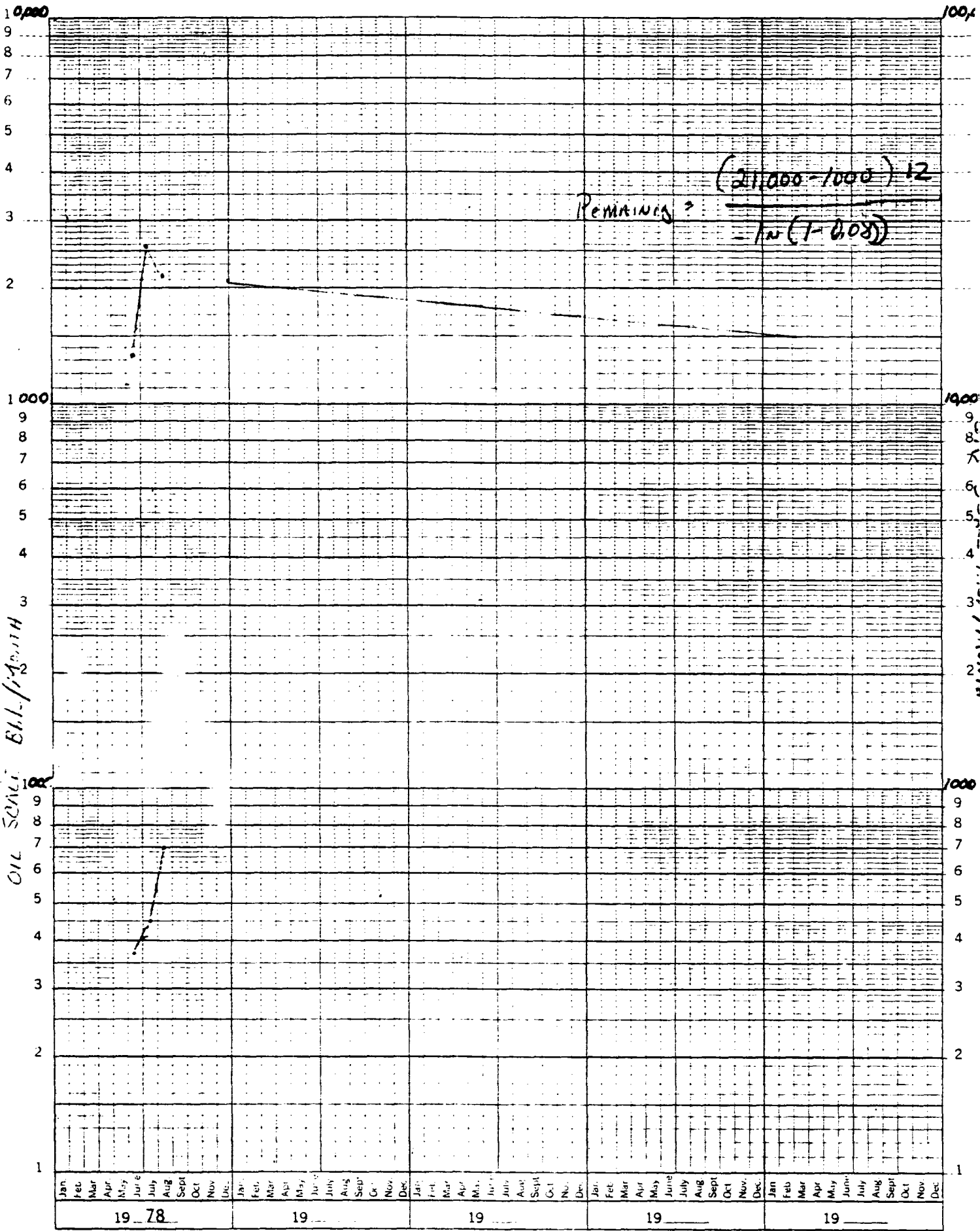
<u>1978</u>	<u>OIL, BBLS</u>		<u>GAS, MCF</u>	
	<u>BOPM</u>	<u>CUMMULATIVE</u>	<u>MCF/mo</u>	<u>CUMMULATIVE</u>
June	37	37	13,215	13,215
July	45	82	25,939	39,154
August	70	152	21,503	60,657
	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL	152	152	60,657	60,657

BIG EDDY UNIT WELL NO. 53
UNDESIGNATED MORROW GAS FIELD

46 6690

K-E 2 YEARS BY MONTHS & LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

OIL SCALE BILL-1000000



DIV - WEST TEXAS
DIST - NORTH KERRIT
FIELD - NEW MEXICO UNDESIGNATED

	CURRENT MONTH	PRD. + REV.	YEAR TO DATE
	ACTUAL	CURRENT MONTH ADJUSTMENTS	ACTUAL OVER/UNDER BUDGET

LEASE OPERATING EXPENSE

COMPANY LABOR	183-	189.13	543-
---------------	------	--------	------

EMPLOYEE BENEFITS	33-	33.98	99-
EXPENSES OF EMPLOYEES	72-	176.89	203-

CONTRACT LABOR			
CONTRACT SERVICES	20-	380.00	300
MAINTENANCE MATERIALS + SUPPLIES	17-	65.20	25

PULLING EXPENSE			
FUEL, WATER, POWER + LUBRICANTS			
CORROSION EXPENSES			
TREATING CHEMICALS			
LEASE SERVICE + MARINE TRANSPORT			
ROAD AND CANAL EXPENSE			
ALLOCATED SYS + FACILITIES EXP			

ALLOCATED AREA EXPENSE			
TOTAL NORMAL LEASE OPERATIONS EXP	22.77	845.20	519-

MAJOR MAINTENANCE - AFE DETAIL-		24,741.41	24,740
MISCL EXPENSE RECOVERIES			
TOTAL LEASE OPERATIONS EXPENSE	22.77	25,586.61	24,721

TOTAL BASS LEASE OPERATIONS EXPENSE	22.77	25,586.61	24,721
-------------------------------------	-------	-----------	--------

PRODUCTION + SEVERANCE TAXES-NET	1,223.45	1,223.45	14,871-
----------------------------------	----------	----------	---------

AD VALOREM TAXES - NET			
HAULING + PROCESSING CHARGES-NET			
TOTAL BASS NET LEASE EXPENSES	1,246.22	26,810.06	9,351

TOTAL NET LEASE OPERATING INCOME	16,776.98	8,786.86	203,098-
----------------------------------	-----------	----------	----------

ROYALTY INCOME - NET OF PRD. SEV. TAXES			
AD VALOREM TAXES - ROY -NET			
PRIOR YEAR NET REVENUE ADJUSTMENT			
PRIOR YEAR LEASE OPERATIONS ADJ			
GRAND TOTAL NET LEASE INCOME	16,776.98	8,786.86	203,098-

INCOME SUBJECT TO REFUND BY FPC -NET			
--------------------------------------	--	--	--

PROFIT MARGIN	93	NEGATIVE	
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OPERATED

BASS ENTERPRISES PRODUCTION COMPANY F I A L
LEASE INCOME AND OPERATION REPORT
AS OF 7/31/78 RUN DATE 8/20/78

- WEST TEXAS
- NORTH KERMIT
- NEW MEXICO UNDESIGNATED

CURRENT MONTH	PRD. + REV.	YEAR TO DATE
ACTUAL	CURRENT MONTH	ACTUAL
OVER/UNDER BUDGET	ADJUSTMENTS	OVER/UNDER BUDGET

PRODUCTION

GROSS 8/8 VOLUMES

BRLS OF CRUDE OIL

MCF OF GAS

MCF GAS INJECTION

MCF GAS NET PRODUCTION

BRLS OF CONDENSATE

BASS NET VOLUMES

BRLS OF CRUDE OIL

MCF OF GAS

MCF GAS INJECTION

MCF GAS NET PRODUCTION

BRLS OF CONDENSATE

FS
N.P.C.I.

BASS NET VOLUMES

BRLS OF CRUDE OIL

MCF OF GAS

BRLS OF CONDENSATE

GALS OF PLANT PRODUCTS

BASS GROSS REVENUE

CRUDE OIL

GAS

CONDENSATE

PLANT PRODUCTS

TOTAL BASS GROSS REVENUE

UNIT PRICE
CUR YTD

1.65	1.65	18,023.20	17,698-	18,023.20	193,748-
18,023.20	*	17,698-		18,023.20	193,748-

ST 3 NORTH KERMIT
FIELD - NEW MEXICO UNDESIGNATED

CURRENT MONTH
ACTUAL OVER/UNDER BUDGET

PROD. + REV.
CURRENT MONTH
ADJUSTMENTS

YEAR TO DATE
ACTUAL OVER/UNDER BUDGET

LEASE 0333001 - BIG EDDY UNIT #53

WRK. INT. 1.00000000

REV. INT. .02500000

ROY

LEASE OPERATING EXPENSE

COMPANY LABOR		193-	189.13	543-
EMPLOYEE BENEFITS		33-	33.98	99-
EXPENSES OF EMPLOYEES	22.77	72-	176.89	203-
CONTRACT LABOR				
CONTRACT SERVICES		20-	390.00	300
MAINTENANCE MATERIALS + SUPPLIES		10-	45.20	25
PULLING EXPENSE				
FUEL, WATER, POWER + LUBRICANTS				
CORROSION EXPENSES				
TREATING CHEMICALS				
LEASE SERVICE + MARINE TRANSPORT				
ROAD AND CANAL EXPENSE				
ALLOCATED SYS + FACILITIES EXP				
ALLOCATED AREA EXPENSE				
TOTAL NORMAL LEASE OPERATIONS EXP	22.77	316-	645.20	519-
MAJOR MAINTENANCE - AFE DETAIL-				
MISC. EXPENSE RECOVERIES				
TOTAL LEASE OPERATIONS EXPENSE	22.77	316-	645.20	519-
TOTAL BASS LEASE OPERATIONS EXPENSE	22.77	316-	645.20	519-
PRODUCTION + SEVERANCE TAXES-NET	1,223.45	1,491-	1,223.45	14,871-
AD VALOREM TAXES - NET				
HAULING + PROCESSING CHARGES-NET				
TOTAL BASS NET LEASE EXPENSES	1,246.22	1,809-	2,068.65	15,389-
TOTAL NET LEASE OPERATING INCOME	16,776.98	15,839-	15,954.55	178,358-
ROYALTY INCOME - NET OF PROD. SEV. TAXES				
AD VALOREM TAXES - ROY - NET				
PRIOR YEAR NET REVENUE ADJUSTMENT				
PRIOR YEAR LEASE OPERATIONS ADJ				
GRAND TOTAL NET LEASE INCOME	16,776.98	15,839-	15,954.55	178,358-

INCOME SUBJECT TO REFUND BY FPC -NET

PROFIT MARGIN

93 %

88 %

USE - 1-8-12

WV - WEST TEXAS
DIST - NORTH KERMIT
FIELD - NEW MEXICO UNDESIGNATED
LEASE 0333001 - BIG EDDY UNIT #53

CURRENT MONTH
ACTUAL OVER/UNDER BUDGET
PRD. + REV.
CURRENT MONTH
ADJUSTMENTS
YEAR TO DATE
ACTUAL OVER/UNDER BUDGET
WK. INT. 1.00000000 REV. INT. .82500000 ROY

PRODUCTION
GROSS 8/8 VOLUMES

	MO				
BBLS OF CRUDE OIL	07				
MCF OF GAS		25,939.00	3,923-	39,154.00	137,877-
MCF GAS INJECTION					
MCF GAS NET PRODUCTION		25,939.00	3,923-	39,154.00	137,877-
BBLS OF CONDENSATE		45.00	45	82.00	82

BASS NET VOLUMES

BBLS OF CRUDE OIL					
MCF OF GAS		21,399.68	3,236-	32,302.06	113,747-
MCF GAS INJECTION					
MCF GAS NET PRODUCTION		21,399.68	3,236-	32,302.06	68,440-
BBLS OF CONDENSATE		47.13	47	67.66	67

SALES

B.P.C.L

BASS NET VOLUMES

BBLS OF CRUDE OIL					
MCF OF GAS		10,922.17	13,713-	10,922.17	135,127-
BBLS OF CONDENSATE					
GALS OF PLANT PRODUCTS					

BASS GROSS REVENUE

	UNIT PRICE				
	CUR	YTD			
CRUDE OIL					
GAS	1.65	1.65	18,023.20	17,698-	18,023.20
CONDENSATE					
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

<u>1978</u>	<u>OIL, BBLs</u>		<u>GAS, MCF</u>	
	<u>BOPM</u>	<u>CUMMULATIVE</u>	<u>MCF/mo</u>	<u>CUMMULATIVE</u>
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
	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL	135	135	69,228	69,228

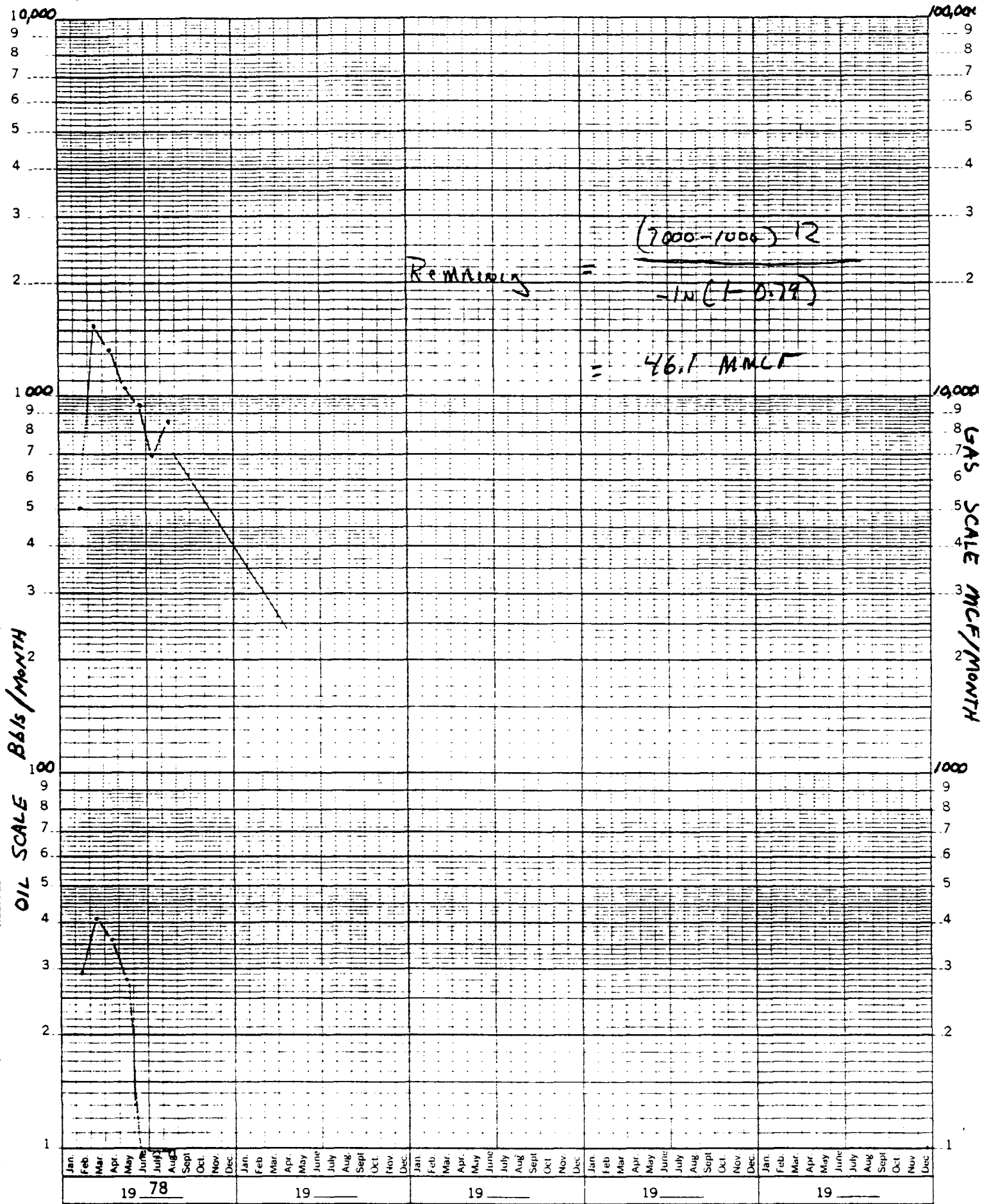
MONTHLY OIL AND GAS PRODUCTION
BIG EDDY UNIT WELL NO. 54
BASS MORROW GAS FIELD

46 6690

Y-2 KEUFFEL & ESSER CO. MADE IN U.S.A.

OIL SCALE Bbls/Month

GAS SCALE MCF/Month



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

WEST TEXAS
MURPHY KERMIT
FIELD - BASS MORROW

CURRENT MONTH
ACTUAL OVER/UNDER BUDGET

PROD. + REV.
CURRENT MONTH
ADJUSTMENTS

LEASE OPERATING EXPENSE

COMPANY LABOR	124.42	575-	1
EMPLOYEE BENEFITS	22.50	105-	
EXPENSES OF EMPLOYEES	61.27	258-	
CONTRACT LABOR			
CONTRACT SERVICES		191-	
MAINTENANCE MATERIALS + SUPPLIES			
PULLING EXPENSE			
FUEL, WATER, POWER + LUBRICANTS			
CORROSION EXPENSES			
TREATING CHEMICALS			
LEASE SERVICE + MARINE TRANSPORT			
ROAD AND CANAL EXPENSE			
ALLOCATED SYS. + FACILITIES EXP			
ALLOCATED AREA EXPENSE			
TOTAL NORMAL LEASE OPERATIONS EXP	208.19	1,110-	2,
MAJOR MAINTENANCE - AFF DETAIL-			15,
MISCL EXPENSE RECOVERIES			
TOTAL LEASE OPERATIONS EXPENSE	208.19	1,130-	18,
TOTAL BASS LEASE OPERATIONS EXPENSE	173.48	942-	15,
PRODUCTION + SEVERANCE TAXES-NET	5,440.83	4,133-	39,5
AD VALOREM TAXES - NET			
HAULING + PROCESSING CHARGES-NET			
TOTAL BASS NET LEASE EXPENSES	5,614.31	5,076-	55,0
TOTAL NET LEASE OPERATING INCOME	60,834.45	54,455-	414,6
ROYALTY INCOME - NET OF PROD.SEV.TAXES			
AD VALOREM TAXES - ROY-NET			
PRIOR YEAR NET REVENUE ADJUSTMENT			
PRIOR YEAR LEASE OPERATIONS ADJ			
GRAND TOTAL NET LEASE INCOME	60,834.45	54,455-	414,69
INCOME SUBJECT TO REFUND BY FPC -NET			72,94
PROFIT MARGIN			91

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

WEST TEXAS
MOUTH KERRIT
FIELD - BASS MORROW

	CURRENT MONTH		YEAR TO DATE	
	ACTUAL	OVER/UNDER BUDGET	ACTUAL	OVER/UNDER BUDGET
LEASE OPERATING EXPENSE				
COMPANY LABOR	124.42	575-	1,108.62	2,368-
EMPLOYEE BENEFITS	22.50	105-	200.17	436-
EXPENSES OF EMPLOYEES	61.27	258-	788.58	808-
CONTRACT LABOR				
CONTRACT SERVICES		191-	334.44	627-
MAINTENANCE MATERIALS + SUPPLIES			346.90	345
PULLING EXPENSE				
FUEL, WATER, POWER + LUBRICANTS				
CORROSION EXPENSES				
TREATING CHEMICALS				
LEASE SERVICE + MACHINE TRANSPORT				
ROAD AND CANAL EXPENSE				
ALLOCATED SYS + FACILITIES EXP				
ALLOCATED AREA EXPENSE				
TOTAL NORMAL LEASE OPERATIONS EXP	209.19 *	1,130-	2,778.73 *	3,923-
MAJOR MAINTENANCE - AFF DETAIL-			15,821.05	15,821
MISCL EXPENSE RECOVERIES				
TOTAL LEASE OPERATIONS EXPENSE	209.19	1,130-	18,599.78	11,898
TOTAL BASS LEASE OPERATIONS EXPENSE	173.48	942-	15,499.75	9,914
PRODUCTION + SEVERANCE TAXES-NET	5,440.83	4,133-	39,524.71	4,714-
AD VALOREM TAXES - NET				
HAULING + PROCESSING CHARGES-NET				
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-
ROYALTY INCOME - NET OF PROD.SEV.TAXES				
AD VALOREM TAXES - ROY -NET				
PRIOR YEAR NET REVENUE ADJUSTMENT				
PRIOR YEAR LEASE OPERATIONS ADJ				
GRAND TOTAL NET LEASE INCOME	60,834.45 **	54,455-	414,698.00 **	142,757-
INCOME SUBJECT TO REFUND BY FPC -NET			72,943.29	
PROFIT MARGIN				

MASS UTILITIES PRODUCTION COMPANY FT AL
LEASE INCOME AND OPERATION REPORT
AS OF 7/31/78 RUN DATE 8/20/78

DIV - WEST TEXAS
DIST - NORTH KERRIT
FIELD - BASS MRRROW

	CURRENT MONTH	PROD. + RTV.	YEAR TO DATE
	ACTUAL	CURRENT MONTH ADJUSTMENTS	ACTUAL OVER/UNDER BUDGET

PRODUCTION
GROSS 8/8 VOLUMES 40

BRLS OF CRUDE OIL	65,430.00	87,021-	590,516.00	217,730-
MCF OF GAS				
MCF GAS INJECTION				
MCF GAS NET PRODUCTION	65,430.00	87,021-	590,516.00	217,730-
BRLS OF CONDENSATE	60.00	155-	923.00	143-

BASS NET VOLUMES

BRLS OF CRUDE OIL	45,255.75	59,944-	408,440.23	150,104-
MCF OF GAS				
MCF GAS INJECTION				
MCF GAS NET PRODUCTION	45,255.75	4,742	408,440.23	186,348
BRLS OF CONDENSATE	41.50	107-	638.41	98-

SALES
R.P.C.L

BASS NET VOLUMES

BRLS OF CRUDE OIL	59,348.83	45,851-	393,137.08	165,408-
MCF OF GAS		149-	596.90	152-
BRLS OF CONDENSATE				
GALS OF PLANT PRODUCTS				

UNIT PRICE
BASS GROSS REVENUE CUR YIN

CRUDE OIL	1.11	1.17	66,448.76	57,630-
GAS				
CONDENSATE		12.60		1,902-
PLANT PRODUCTS				

TOTAL BASS GROSS REVENUE	66,448.76	59,532-	469,722.46	130,634-
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LEASE INCOME AND OPERATION REPORT
AS OF 7/31/78 RUN DATE 8/20/79

V - WEST TEXAS
ST - NORTH KERRIT
ELD - BASS MORROW

AS 0033802 - BIG EDDY UNIT #54

LEASE OPERATING EXPENSE

CURRENT MONTH OVER/UNDER BUDGET	PRD. + RV. CURRENT MONTH ADJUSTMENTS	YEAR TO DATE	
		ACTUAL	OVER/UNDER BUDGET
WRK. INT.	RV. INT. .67916667	RVY	

Patricia

COMPANY LABOR
EMPLOYEE BENEFITS
EXPENSES OF EMPLOYEES
CONTRACT LABOR
CONTRACT SERVICES
MAINTENANCE MATERIALS + SUPPLIES
PULLING EXPENSE
FUEL, WATER, POWER + LUBRICANTS
CORROSION EXPENSES
TREATING CHEMICALS
LEASE SERVICE + MARINE TRANSPORT
ROAD AND CANAL EXPENSE
ALLOCATED SYS + FACILITIES EXP
ALLOCATED AREA EXPENSE
TOTAL NORMAL LEASE OPERATIONS EXP
MAJOR MAINTENANCE - AFF DETAIL -
MISCL. EXPENSE RECOVERIES
TOTAL LEASE OPERATIONS EXPENSE

TOTAL BASS LEASE OPERATIONS EXPENSE			
PRODUCTION + SEVERANCE TAXES - NET	586.39	586	3,409.61
AD VALOREM TAXES - NET			3,409
HAULING + PROCESSING CHARGES - NET			

TOTAL BASS NET LEASE EXPENSES	586.39	586	3,409.61
TOTAL NET LEASE OPERATING INCOME	8,044.44	8,044	46,637.24

ROYALTY INCOME - NET OF PRD. SEV. TAXES			
AD VALOREM TAXES - ROY - NET			
PRIOR YEAR NET REVENUE ADJUSTMENT			
PRIOR YEAR LEASE OPERATIONS AND			
GRAND TOTAL NET LEASE INCOME	8,044.44	8,044	46,637.24
			46,635

INCOME SUBJECT TO REFUND BY FPC - NET 2,643.18

DIV - WEST TEXAS
DIST - NORTH KERMIT
FIELD - BASS MORROW

LEASE 0833802 - BIG ENDY UNIT 454

CURRENT MONTH
ACTUAL OVER/UNDER BUDGET
WKK.INT.

PROD. + REV.
CURRENT MONTH
ADJUSTMENTS
REV.INT. 67915667
ACTUAL OVER/UNDER BUDGET
ROY

MO

PRODUCTION

GROSS 8/8 VOLUMES

BRLS OF CRUDE OIL

NO

MCF OF GAS

MCF GAS INJECTION

MCF GAS NET PRODUCTION

BRLS OF CONDENSATE

BASS NET VOLUMES

BRLS OF CRUDE OIL

MCF OF GAS

MCF GAS INJECTION

MCF GAS NET PRODUCTION

BRLS OF CONDENSATE

44,685

335,452

SALES

B.P.C.O.I.

BASS NET VOLUMES

BRLS OF CRUDE OIL

MCF OF GAS

BRLS OF CONDENSATE

GALS OF PLANT PRODUCTS

5,241.13

5,241

30,516.99

30,514

BASS GROSS REVENUE

CRUDE OIL

GAS

CONDENSATE

PLANT PRODUCTS

UNIT PRICE
CUR YTD

1.64 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, T21S, 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

C
O
P
Y

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

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

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

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.

Sincerely,

A large, stylized handwritten signature of Jens Hansen.

Jens Hansen
Division Landman

JH/ma

Enclosures

Handwritten notes and initials, including "Approved" and "5/6/79".

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
CUMULATIVE 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

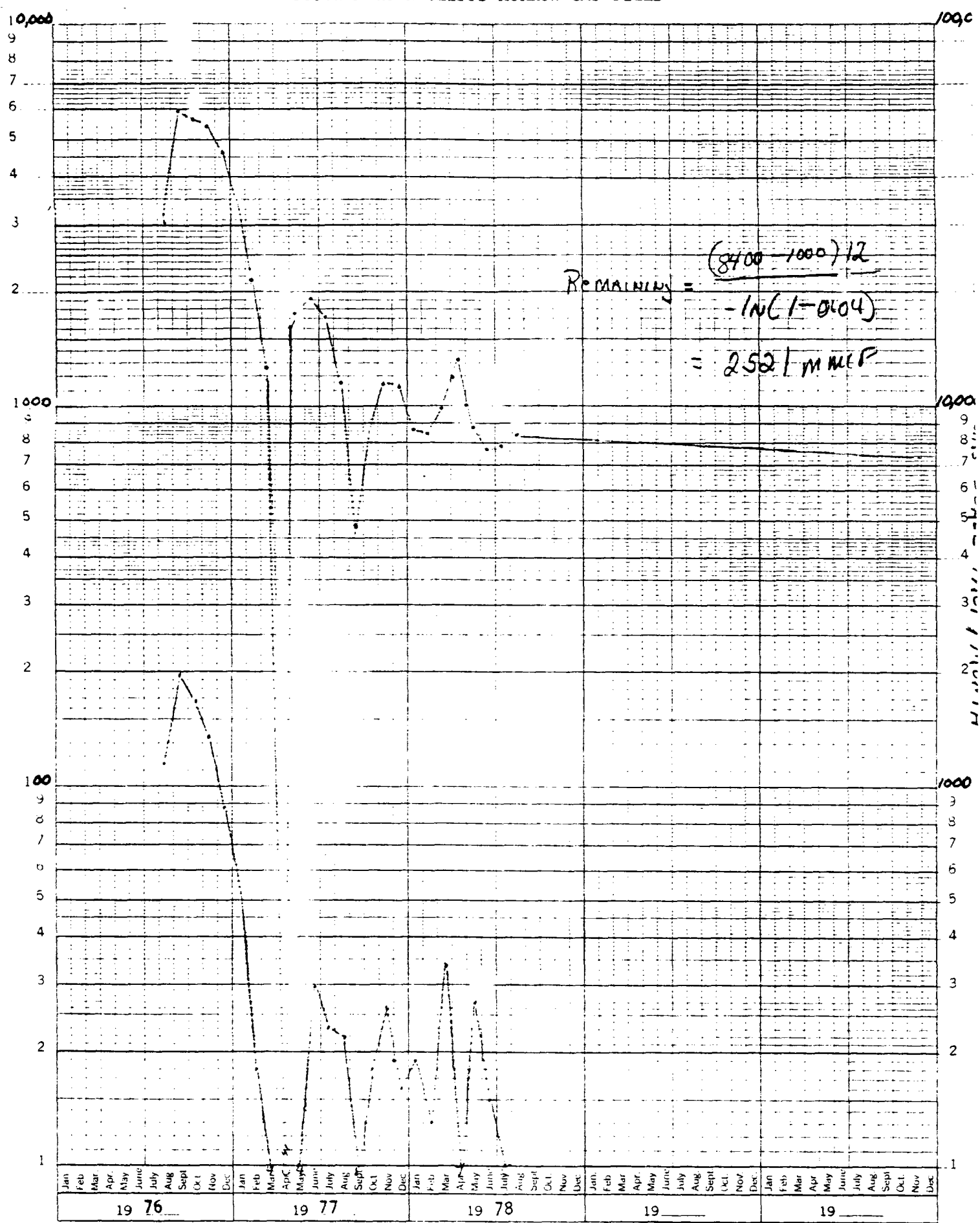
* Before operating expense, repayment of investment and federal income tax

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

<u>1976</u>	<u>OIL, BBLs</u>		<u>GAS, MCF</u>	
	<u>BOPM</u>	<u>CUMMULATIVE</u>	<u>MCF/mo</u>	<u>CUMMULATIVE</u>
August	113	113	30,870	30,870
September	199	312	59,249	90,119
October	165	477	56,604	146,723
November	134	611	54,009	200,732
December	88	699	46,236	246,968
TOTAL	699	699	246,968	246,968
<u>1977</u>				
January	54	753	34,649	281,617
February	18	771	21,395	303,012
March	4	775	12,434	315,446
April	0	775	41	315,487
May	4	779	17,649	333,136
June	30	809	19,107	352,243
July	23	832	17,006	369,249
August	22	854	11,609	380,858
September	1	855	4,659	385,517
October	18	873	8,530	394,047
November	26	899	11,635	405,682
December	16	915	11,359	417,041
TOTAL	216	915	170,073	417,041
<u>1978</u>				
January	19	934	8,627	425,668
February	13	947	8,579	434,247
March	34	981	9,894	444,141
April	7	988	10,319	454,460
May	27	1015	8,786	463,246
June	15	1030	7,609	470,855
July	5	1035	7,764	478,619
TOTAL	120	1035	61,578	478,619

46 66'11)

K-Z
21000 BLINDING - 2007 11 10 10 10
KEUFFEL & ESSER CO. MADE IN U.S.A.



WEST TEXAS
DIST - NORTH KIPWIT
FIELD - SOUTH MARION CREEKS

CURRENT MONTH
ACTUAL OVER/UNDER BUDGET
PRD. + REV.
CURRENT MONTH
ADJUSTMENTS
YEAR TO DATE
ACTUAL OVER/UNDER BUDGET

LEASE OPERATING EXPENSE

COMPANY LABOR	143.92	124-	1,037.47	836-
EMPLOYEE BENEFITS	26.09	21-	187.47	144-
EXPENSES OF EMPLOYEES	109.60		617.64	150-
CONTRACT LABOR				
CONTRACT SERVICES		1,770-		1,890-
MAINTENANCE MATERIALS + SUPPLIES		30-	45.94	125-
PULLING EXPENSE				
FUEL, WATER, POWER + LUBRICANTS				
CORROSION EXPENSES				
TREATING CHEMICALS				
LEASE SERVICE + MARINE TRANSPORT				
ROAD AND CANAL EXPENSE				
ALLOCATED SYS. + FACILITIES EXP				
ALLOCATED AREA EXPENSE				
TOTAL NORMAL LEASE OPERATIONS EXP	279.61	1,946-	1,924.52	3,151-
MAJOR MAINTENANCE - AFF DETAIL-				
MISCL EXPENSE RECOVERIES				
TOTAL LEASE OPERATIONS EXPENSE	279.61	1,946-	1,924.52	3,151-
TOTAL LOSS LEASE OPERATIONS EXPENSE	279.61	1,946-	1,924.52	3,151-
PRODUCTION + SEVERANCE TAXES-NET	713.51	09-	6,527.34	1,257-
AD VALOREM TAXES - NET				
HAULING + PROCESSING CHARGES-NET				
TOTAL LOSS NET LEASE EXPENSES	993.12	2,045-	8,455.91	4,408-
TOTAL NET LEASE OPERATING INCOME	9,524.95	1,864	81,664.83	7,897-
ROYALTY INCOME - NET OF PRD. SEV. TAXES				
AD VALOREM TAXES - ROY - NET				
PRIOR YEAR NET REVENUE ADJUSTMENT				
PRIOR YEAR LEASE OPERATIONS ADJ				
GRAND TOTAL NET LEASE INCOME	9,524.95	1,864	81,664.83	7,897-
INCOME SUBJECT TO REFUND BY FPC - NET			13,631.25	

PROFIT MARGIN

90 %

90 %

DIV - WEST TEXAS
DIST - NORTH KERMIT
FIELD - SOUTH MARION CLIFFS

	CURRENT MONTH	PROD. + REV. CURRENT MONTH	YEAR TO DATE		
	ACTUAL	OVER/UNDER BUDGET	ADJUSTMENTS	ACTUAL	OVER/UNDER BUDGET

MO

PRODUCTION					
GROSS 8/8 VOLUMES					
BBLs OF CRUDE OIL					
MCF OF GAS	7,764.00	970-		61,578.00	22,036-
MCF GAS INJECTION					
MCF GAS NET PRODUCTION	1,764.00	970-		61,578.00	22,036-
BBLs OF CONDENSATE	5.00	5		120.00	120

BASS NET VOLUMES

BBLs OF CRUDE OIL					
MCF OF GAS	6,793.50	848-		53,880.77	19,279-
MCF GAS INJECTION					
MCF GAS NET PRODUCTION	6,793.50	848-		53,880.77	19,279-
BBLs OF CONDENSATE	4.38	4		105.03	102

SALES

R.P.C.L

BASS NET VOLUMES

BBLs OF CRUDE OIL					
MCF OF GAS	6,370.88	1,271-		62,419.89	10,741-
BBLs OF CONDENSATE					
GALS OF PLANT PRODUCTS					

BASS GROSS REVENUE

	UNIT PRICE				
	CUR	YTD			
CRUDE OIL					
GAS	1.65	1.44	10,518.07	100-	90,120.74
CONDENSATE					12,306-
PLANT PRODUCTS					

TOTAL BASS GROSS REVENUE

	10,518.07	100-	90,120.74	12,306-
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LEASE INCOME AND OPERATION REPORT
AS OF 7/31/78 RUN DATE 8/20/78

- WEST TEXAS
- NORTH KERMIT
- SOUTH MAROON CLIFFS

SE 0331601 - BIG EDDY UNIT #44

CURRENT MONTH
OVER/UNDER BUDGET
WRK.INT.1.00000000
REV.INT. .87500000

PROD. + REV.
CURRENT MONTH
ADJUSTMENTS
ACTUAL
YEAR TO DATE
OVER/UNDER BUDGET

LEASE OPERATING EXPENSE

	ACTUAL	OVER/UNDER BUDGET	WRK.INT.1.00000000	REV.INT. .87500000	ACTUAL	YEAR TO DATE	OVER/UNDER BUDGET
COMPANY LABOR	143.92	124-			1,037.47	836-	
EMPLOYEE BENEFITS	26.09	21-			197.47	144-	
EXPENSES OF EMPLOYEES	109.60				617.64	150-	
CONTRACT LABOR							
CONTRACT SERVICES		1,770-			95.94	1,890-	
MAINTENANCE MATERIALS + SUPPLIES		30-				125-	
PULLING EXPENSE							
FUEL, WATER, POWER + LUBRICANTS							
CORROSION EXPENSES							
TREATING CHEMICALS							
LEASE SERVICE + MARINE TRANSPORT							
ROAD AND CANAL EXPENSE							
ALLOCATED SYS + FACILITIES EXP							
ALLOCATED AREA EXPENSE							
TOTAL NORMAL LEASE OPERATIONS EXP	279.61	1,946-			1,924.52	3,151-	
MAJOR MAINTENANCE - AFE DETAIL-							
MISC. EXPENSE RECOVERIES							
TOTAL LEASE OPERATIONS EXPENSE	279.61	1,946-			1,924.52	3,151-	
TOTAL BASIC LEASE OPERATIONS EXPENSE	279.61	1,946-			1,924.52	3,151-	
PRODUCTION + SEVERANCE TAXES-NET	713.51	99-			6,527.39	1,257-	
IND VALOREM TAXES - NET							
HAULING + PROCESSING CHARGES-NET							
TOTAL BASIC NET LEASE EXPENSES	993.12	2,045-			8,455.91	4,408-	
TOTAL NET LEASE OPERATING INCOME	9,524.95	1,864			81,664.83	7,897-	
ROYALTY INCOME - NET OF PROD.SEV.TAXES							
IND VALOREM TAXES - ROY -NET							
PRIOR YEAR NET REVENUE ADJUSTMENT							
PRIOR YEAR LEASE OPERATIONS ADJ							
IND-TOTAL NET LEASE INCOME	9,524.95	**			81,664.83	**	
INCOME SUBJECT TO REFUND BY FPC -NET					13,631.25		

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

DIV - WEST TEXAS
DIST - NORTH KERMIT
FIELD - SOUTH MARION CLIFFS
LEASE 0331601 - BIG EDDY UNIT #44
CURRENT MONTH
ACTUAL OVER/UNDER BUDGET
PROD. + R.F.V.
CURRENT MONTH
ADJUSTMENTS
YEAR TO DATE
ACTUAL OVER/UNDER BUDGET
MRK. INT. 1.00000000 R.F.V. INT. .87500000 ROY

PRODUCTION
GROSS A/R VOLUMES

	MO		
BRLS OF CRUDE OIL	07	7,764.00	970-
MCF OF GAS		7,764.00	970-
MCF GAS INJECTION		7,764.00	970-
MCF GAS NET PRODUCTION		5.00	5
BRLS OF CONDENSATE			

BASS NET VOLUMES

BRLS OF CRUDE OIL	6,793.50	848-	53,860.77	19,279-
MCF OF GAS				
MCF GAS INJECTION				
MCF GAS NET PRODUCTION	6,793.50	848-	53,860.77	19,279-
BRLS OF CONDENSATE	4.38	4	105.03	102

SALFS
H.P.C.L

BASS NET VOLUMES

BRLS OF CRUDE OIL	5,370.88	1,271-	62,419.89	10,741-
MCF OF GAS				
BRLS OF CONDENSATE				
GALS OF PLANT PRODUCTS				

BASS GROSS REVENUE

	UNIT PRICE		
CRUDE OIL	CUR YIN		
GAS	1.65 1.44	10,518.07	100-
CONDENSATE			
PLANT PRODUCTS			

TOTAL BASS GROSS REVENUE 10,518.07 * 100- 90,120.74 * 12,306-

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

<u>1978</u>	<u>OIL, BBLs</u>		<u>GAS, MCF</u>	
	<u>BOPM</u>	<u>CUMMULATIVE</u>	<u>MCF/mo</u>	<u>CUMMULATIVE</u>
June	37	37	13,215	13,215
July	45	82	25,939	39,154
August	70	152	21,503	60,657
	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL	152	152	60,657	60,657

DIV - WEST TEXAS
DIST - NORTH KERMIT
FIELD - NEW MEXICO UNDESIGNATED

	CURRENT MONTH		PRD. + REV.		YEAR TO DATE	
	ACTUAL	OVER/UNDER BUDGET	CURRENT MONTH ADJUSTMENTS	ACTUAL	OVER/UNDER BUDGET	

LEASE OPERATING EXPENSE

COMPANY LABDR

EMPLOYEE BENEFITS	183-		189.13	543-
EXPENSES OF EMPLOYEES	33-		33.98	99-
CONTRACT LABDR	72-		176.89	203-
CONTRACT SERVICES	20-		380.00	300
MAINTENANCE MATERIALS + SUPPLIES	17-		65.20	25

PULLING EXPENSE

FUEL, WATER, POWER + LUBRICANTS

CORROSION EXPENSES

TREATING CHEMICALS

LEASE SERVICE + MARINE TRANSPORT

ROAD AND CANAL EXPENSE

ALLOCATED SYS + FACILITIES EXP

ALLOCATED AREA EXPENSE

TOTAL NORMAL LEASE OPERATIONS EXP

MAJOR MAINTENANCE - AFE DETAIL-

MISCL EXPENSE RECOVERIES

TOTAL LEASE OPERATIONS EXPENSE

TOTAL BASS LEASE OPERATIONS EXPENSE

PRODUCTION + SEVERANCE TAXES-NET

AD VALOREM TAXES - NET

HAULING + PROCESSING CHARGES-NET

TOTAL BASS NET LEASE EXPENSES

TOTAL NET LEASE OPERATING INCOME

ROYALTY INCOME - NET OF PRD. SEV. TAXES

AD VALOREM TAXES - ROY - NET

PRIOR YEAR NET REVENUE ADJUSTMENT

PRIOR YEAR LEASE OPERATIONS ADJ

GRAND TOTAL NET LEASE INCOME

INCOME SUBJECT TO REFUND BY FPC - NET

PROFIT MARGIN

93 %

NEGATIVE

OPERATED

BASS ENTERPRISES PRODUCTION COMPANY F I AL
LEASE INCOME AND OPERATION REPORT
AS OF 7/31/78 RUN DATE 8/20/78

- WEST TEXAS
- NORTH KERRIT

0 - NEW MEXICO UNDESIGNATED

CURRENT MONTH	PRD. + REV.	YEAR TO DATE
ACTUAL	CURRENT MONTH	ACTUAL
OVER/UNDER BUDGET	ADJUSTMENTS	OVER/UNDER BUDGET

PRODUCTION NO

GROSS B/G VOLUMES

BRLS OF CRUDE OIL

MCF OF GAS	25,939.00	3,923-	39,154.00	137,877-
------------	-----------	--------	-----------	----------

MCF GAS INJECTION				
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MCF GAS NET PRODUCTION	25,939.00	3,923-	39,154.00	137,877-
------------------------	-----------	--------	-----------	----------

BRLS OF CONDENSATE	45.00	45	82.00	42
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BASS NET VOLUMES

BRLS OF CRUDE OIL				
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MCF OF GAS	21,399.68	3,236-	32,302.06	113,747-
------------	-----------	--------	-----------	----------

MCF GAS INJECTION				
-------------------	--	--	--	--

MCF GAS NET PRODUCTION	21,399.68	2,606	32,302.06	47,436-
------------------------	-----------	-------	-----------	---------

BRLS OF CONDENSATE	37.13	17	47.64	67
--------------------	-------	----	-------	----

FS

B.P.C.L.

BASS NET VOLUMES

BRLS OF CRUDE OIL				
-------------------	--	--	--	--

MCF OF GAS	10,922.17	13,713-	10,922.17	135,127-
------------	-----------	---------	-----------	----------

BRLS OF CONDENSATE

GALS OF PLANT PRODUCTS

UNIT PRICE
CUR YTD

BASS GROSS REVENUE				
--------------------	--	--	--	--

CRUDE OIL	1.65	1.65	18,023.20	17,698-
-----------	------	------	-----------	---------

GAS				
-----	--	--	--	--

CONDENSATE			18,023.20	193,748-
------------	--	--	-----------	----------

PLANT PRODUCTS				
----------------	--	--	--	--

TOTAL BASS GROSS REVENUE			18,023.20 *	17,698-
--------------------------	--	--	-------------	---------

			18,023.20 *	193,748-
--	--	--	-------------	----------

ST - NORTH KERMIT
FIELD - NEW MEXICO UNDESIGNATED

CURRENT MONTH
ACTUAL OVER/UNDER BUDGET

PROD. + RIV.
CURRENT MONTH
ADJUSTMENTS

YEAR TO DATE
ACTUAL OVER/UNDER BUDGET

LEASE 0333001 - BIG EDDY UNIT #53

WRK. INT. 1.00000000

RIV. INT. .02500000

ROY

LEASE OPERATING EXPENSE

COMPANY LABOR		193-	189.13	543-
EMPLOYEE BENEFITS		33-	33.98	99-
EXPENSES OF EMPLOYEES	22.77	72-	176.89	203-
CONTRACT LABOR				
CONTRACT SERVICES		20-	340.00	300
MAINTENANCE MATERIALS + SUPPLIES		10-	45.20	25
PULLING EXPENSE				
FUEL, WATER, POWER + LUBRICANTS				
CORROSION EXPENSES				
TREATING CHEMICALS				
LEASE SERVICE + MARINE TRANSPORT				
ROAD AND CANAL EXPENSE				
ALLOCATED SYS + FACILITIES EXP				
ALLOCATED AREA EXPENSE				
TOTAL NORMAL LEASE OPERATIONS EXP	22.77	410-	645.20	510-
MAJOR MAINTENANCE - AFE DETAIL-				
MISCU EXPENSE RECOVERIES				
TOTAL LEASE OPERATIONS EXPENSE	22.77	319-	645.20	519-
TOTAL BASS LEASE OPERATIONS EXPENSE	22.77	316-	645.20	519-
PRODUCTION + SEVERANCE TAXES-NET	1,223.45	1,491-	1,223.45	14,871-
AD VALOREM TAXES - NET				
HAULING + PROCESSING CHARGES-NET				
TOTAL BASS NET LEASE EXPENSES	1,246.22	1,809-	2,068.65	15,389-
TOTAL NET LEASE OPERATING INCOME	16,776.98	15,839-	15,954.55	178,358-
ROYALTY INCOME - NET OF PROD. SEV. TAXES				
AD VALOREM TAXES - ROY - NET				
PRIOR YEAR NET REVENUE ADJUSTMENT				
PRIOR YEAR LEASE OPERATIONS ADJ				
GRAND TOTAL NET LEASE INCOME	16,776.98	15,839-	15,954.55	178,358-

INCOME SUBJECT TO REFUND BY FPC - NET

PROFIT MARGIN

93 %

88 %

WV - WEST TEXAS
DIST - NORTH KERMIT
FIELD - NEW MEXICO UNDESIGNATED
LEASE 0333001 - BIG EDDY UNIT #53
CURRENT MONTH
ACTUAL OVER/UNDER BUDGET
PRD. + REV.
CURRENT MONTH
ADJUSTMENTS
YEAR TO DATE
ACTUAL OVER/UNDER BUDGET
WK. INT. 1.00000000 REV. INT. .82500000 ROY

PRODUCTION

GROSS 8/8 VOLUMES		MO	
BBLs OF CRUDE OIL		07	
MCF OF GAS	25,939.00	3,923-	39,154.00
MCF GAS INJECTION			137,877-
MCF GAS NET PRODUCTION	25,939.00	3,923-	39,154.00
BBLs OF CONDENSATE	45.00	45	82.00

BASS NET VOLUMES			
BBLs OF CRUDE OIL			
MCF OF GAS	21,399.68	3,236-	32,302.06
MCF GAS INJECTION			113,747-
MCF GAS NET PRODUCTION	21,399.68	3,236-	32,302.06
BBLs OF CONDENSATE	47.13	47	67.66

SALES
B.P.C.L

BASS NET VOLUMES			
BBLs OF CRUDE OIL			
MCF OF GAS	10,922.17	13,713-	10,922.17
BBLs OF CONDENSATE			135,127-
GALS OF PLANT PRODUCTS			

UNIT PRICE			
CUR YTD			
CRUDE OIL	1.65	18,023.20	17,698-
GAS	1.65	18,023.20	17,698-
CONDENSATE			18,023.20
PLANT PRODUCTS			193,748-

TOTAL BASS GROSS REVENUE	18,023.20	17,698-	18,023.20	193,748-
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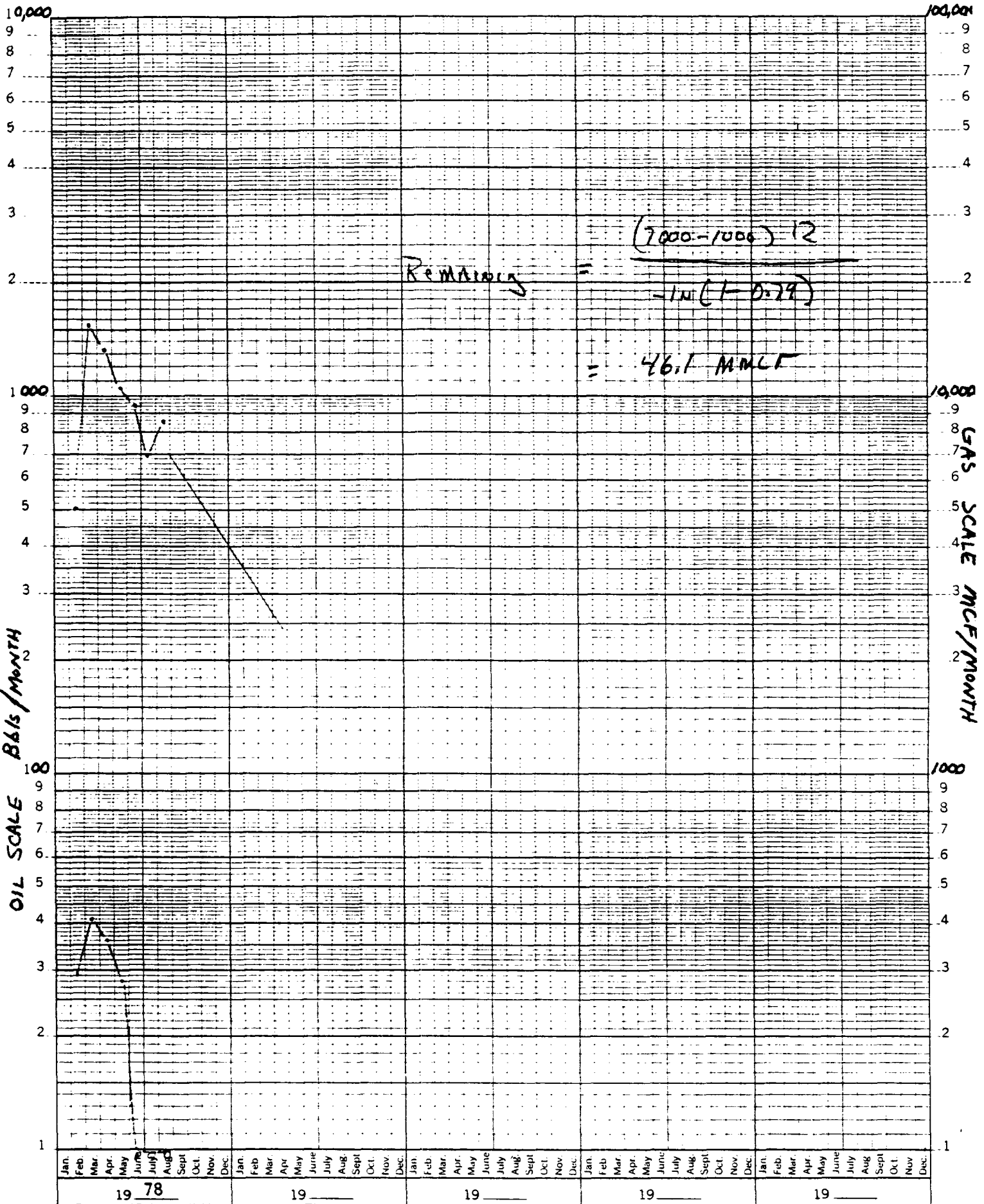
MONTHLY OIL & GAS PRODUCTION
 BIG EDDY UNIT WELL NO. 54
 BASS MORROW GAS FIELD

<u>1978</u>	<u>OIL, BBLs</u>		<u>GAS, MCF</u>	
	<u>BOPM</u>	<u>CUMMULATIVE</u>	<u>MCF/mo</u>	<u>CUMMULATIVE</u>
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
	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL	135	135	69,228	69,228

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

46 6690

KEUFFEL & ESSER CO. MADE IN U.S.A.
OIL SCALE Bbls/Month



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

WEST TEXAS
- NORTH KERRIT
FIELD - BASS MORROW

CURRENT MONTH
ACTUAL OVER/UNDER BUDGET

PRD. + REV.
CURRENT MONTH
ADJUSTMENTS

LEASE OPERATING EXPENSE

COMPANY LABDR	124.42	575-	1
EMPLOYEE BENEFITS	22.50	105-	
EXPENSES OF EMPLOYEES	61.27	258-	
CONTRACT LABDR			
CONTRACT SERVICES		191-	
MAINTENANCE MATERIALS + SUPPLIES			
PULLING EXPENSE			
FUEL, WATER, POWER + LUBRICANTS			
CORROSION EXPENSES			
TREATING CHEMICALS			
LEASE SERVICE + MARINE TRANSPORT			
ROAD AND CANAL EXPENSE			
ALLOCATED SYS. + FACILITIES EXP			
ALLOCATED AREA EXPENSE			
TOTAL NORMAL LEASE OPERATIONS EXP	208.19	1,110-	2,
MAJOR MAINTENANCE - AFF DETAIL-			15,
MISCL EXPENSE RECOVERIES			
TOTAL LEASE OPERATIONS EXPENSE	208.19	1,130-	18,
TOTAL BASS LEASE OPERATIONS EXPENSE	173.48	942-	15,
PRODUCTION + SEVERANCE TAXES-NET	5,440.83	4,133-	39,5
AD VALOREM TAXES - NET			
HAULING + PROCESSING CHARGES-NET			
TOTAL BASS NET LEASE EXPENSES	5,614.31	5,076-	55,0
TOTAL NET LEASE OPERATING INCOME	60,834.45	54,455-	414,6
ROYALTY INCOME - NET OF PROD.SEV.TAXES			
AD VALOREM TAXES - ROY -NET			
PRIOR YEAR NET REVENUE ADJUSTMENT			
PRIOR YEAR LEASE OPERATIONS ADJ			
GRAND TOTAL NET LEASE INCOME	60,834.45	54,455-	414,6
INCOME SUBJECT TO REFUND BY FPC -NET			72,94
PROFIT MARGIN			

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

WEST TEXAS
MIDT KERNIT
FIELD - BASS MOKROV

	CURRENT MONTH	PROD. + REV.	YEAR TO DATE
	ACTUAL	CURRENT MONTH ADJUSTMENTS	ACTUAL OVER/UNDER BUDGET

LEASE OPERATING EXPENSE

COMPANY LABOR	124.42	575-	1,108.62	2,368-
EMPLOYEE BENEFITS	22.50	105-	200.17	436-
EXPENSES OF EMPLOYEES	61.27	258-	788.28	808-
CONTRACT LABOR				
CONTRACT SERVICES		191-	334.46	627-
MAINTENANCE MATERIALS + SUPPLIES			346.90	345
PULLING EXPENSE				
FUEL, WATER, POWER + LUBRICANTS				
CORROSION EXPENSES				
TREATING CHEMICALS				
LEASE SERVICE + MACHINE TRANSPORT				
ROAD AND CANAL EXPENSE				
ALLOCATED SYS. + FACILITIES EXP				
ALLOCATED AREA EXPENSE				
TOTAL NORMAL LEASE OPERATIONS EXP	208.19	1,130-	2,770.73	3,923-
MAJOR MAINTENANCE - AFE DETAIL-			15,621.05	15,821
MISCL EXPENSE RECOVERIES				
TOTAL LEASE OPERATIONS EXPENSE	208.19	1,130-	18,599.78	11,899
TOTAL BASS LEASE OPERATIONS EXPENSE	173.48	942-	15,499.75	9,914
PRODUCTION + SEVERANCE TAXES-NET	5,440.83	4,133-	39,524.71	6,784-
AD VALOREM TAXES - NET				
HAULING + PROCESSING CHARGES-NET				
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-
ROYALTY INCOME - NET OF PROD.SEV.TAXES				
AD VALOREM TAXES - ROY -NET				
PRIOR YEAR NET REVENUE ADJUSTMENT				
PRIOR YEAR LEASE OPERATIONS ADJ				
GRAND TOTAL NET LEASE INCOME	60,834.45	54,455-	414,698.00	142,757-
INCOME SUBJECT TO REFUND BY FPC -NET			72,943.29	
PROFIT MARGIN				

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	PROD. + REV.	YEAR TO DATE
	ACTUAL	CURRENT MONTH ADJUSTMENTS	ACTUAL OVER/UNDER BUDGET

PRODUCTION
GROSS B/8 VOLUMES 40

BRLS OF CRUDE OIL	65,430.00	87,021-	590,516.00	217,730-
MCF OF GAS				
MCF GAS INJECTION				
MCF GAS NET PRODUCTION	45,430.00	87,021-	590,516.00	217,730-
BRLS OF CONDENSATE	60.00	155-	923.00	143-

BASS NET VOLUMES

BRLS OF CRUDE OIL	45,255.75	59,944-	408,440.23	150,104-
MCF OF GAS				
MCF GAS INJECTION				
MCF GAS NET PRODUCTION	45,255.75	4,742	408,440.23	186,348
BRLS OF CONDENSATE	41.50	107-	638.41	98-

SALES

R.P.C.L

BASS NET VOLUMES

BRLS OF CRUDE OIL	59,348.83	45,851-	393,137.08	165,408-
MCF OF GAS		149-	596.90	152-
BRLS OF CONDENSATE				
GALS OF PLANT PRODUCTS				

UNIT PRICE
BASS GROSS REVENUE CUR YIN

CRUDE OIL	1.11	1.17	66,448.76	57,610-	462,327.28	137,532-
GAS					7,395.18	2,103-
CONDENSATE		12.60		1,902-		
PLANT PRODUCTS						

TOTAL BASS GROSS REVENUE	66,448.76	59,532-	469,722.46	130,634-
--------------------------	-----------	---------	------------	----------

V - WEST TEXAS
ST - NORTH KERMIT
ELD - BASS MORROW

ASF 0033802 - BIG EDDY UNIT #54

LEASE OPERATING EXPENSE

CURRENT MONTH		PRD. + RTV.		YEAR TO DATE	
ACTUAL	OVER/UNDER BUDGET	CURRENT MONTH ADJUSTMENTS	ACTUAL	OVER/UNDER BUDGET	
	WRK.INT.				
		RFV.INT. .67916667	ROY		

COMPANY LABOR

EMPLOYEE BENEFITS
EXPENSES OF EMPLOYEES
CONTRACT LABOR
CONTRACT SERVICES
MAINTENANCE MATERIALS + SUPPLIES
PULLING EXPENSE
FUEL, WATER, POWER + LUBRICANTS
CORROSION EXPENSES
TREATING CHEMICALS
LEASE SERVICE + MARINE TRANSPORT
ROAD AND CANAL EXPENSE
ALLOCATED SYS + FACILITIES EXP
ALLOCATED AREA EXPENSE
TOTAL NORMAL LEASE OPERATIONS EXP
MAJOR MAINTENANCE - AFE DETAIL -
MISCL EXPENSE RECOVERIES
TOTAL LEASE OPERATIONS EXPENSE

TOTAL BASS LEASE OPERATIONS EXPENSE

PRODUCTION + SEVERANCE TAXES-NET
AD VALOREM TAXES - NET
HAULING + PROCESSING CHRGTS-NET

TOTAL BASS NET LEASE EXPENSES

TOTAL NET LEASE OPERATING INCOME

ROYALTY INCOME - NET OF PRD.-SEV.TAXES

AD VALOREM TAXES - ROY -NET
PRIOR YEAR NET REVENUE ADJUSTMENT
PRIOR YEAR LEASE OPERATIONS ADJ
GRAND TOTAL NET LEASE INCOME

INCOME SUBJECT TO REFUND BY FPC -NET

DIV - WEST TEXAS
DIST - NORTH KERMIT
FIELD - BASS MORROW

LEASE 0833802 - BIG ENDY UNIT 454

CURRENT MONTH
ACTUAL OVER/UNDER BUDGET
WKR.INT.

PROD. + REV.
CURRENT MONTH
ADJUSTMENTS
REV.INT. .67915667
ACTUAL YEAR TO DATE
OVER/UNDER BUDGET
ROY

PRODUCTION
GROSS 8/8 VOLUMES
BRLS OF CRUDE OIL

MCF OF GAS
MCF GAS INJECTION
MCF GAS NET PRODUCTION
BRLS OF CONDENSATE

BASS NET VOLUMES
BRLS OF CRUDE OIL
MCF OF GAS
MCF GAS INJECTION
MCF GAS NET PRODUCTION
BRLS OF CONDENSATE

SALFS
B.P.C.I.

BASS NET VOLUMES
BRLS OF CRUDE OIL
MCF OF GAS
BRLS OF CONDENSATE
GALS OF PLANT PRODUCTS

BASS GROSS REVENUE
CRUDE OIL
GAS
CONDENSATE
PLANT PRODUCTS

TOTAL BASS GROSS REVENUE

8,630.83 *

50,046.05 *

50,044

UNIT PRICE
CUR YTD

1.64 1.63 8,630.83

8,630

50,046.05

50,044

5,241.13

5,241

40,516.99

30,514

44,685

334,452



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

Mo. 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

Oil and Gas Supervisor, SRMA

Enclosure

cc:
NMOCD, Santa Fe (1tr. only) ← */// This Copy for*
Com. Pub. Lands, Santa Fe (1tr. 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

Mr. 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 (1tr. only)

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

← to Santa Fe

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

December 26, 1978

C
O
P
Y

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, 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

*No. 365
Approved*

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, Township 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

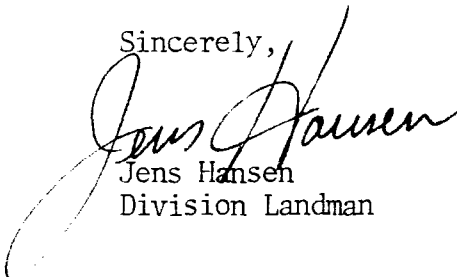
It is understood that this Plan of Development may be modified from time to time to meet changing conditions.

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 Hansen
Division Landman

JH:dc

Agreed to and accepted this
____ day of _____, 1978.

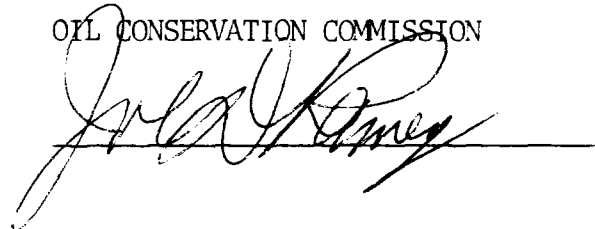
UNITED STATES GEOLOGICAL SURVEY

Agreed to and accepted this
____ day of _____, 1978.

COMMISSIONER OF PUBLIC LANDS

Agreed to and accepted this
29th day of December, 1978.

OIL CONSERVATION COMMISSION



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

C
O
P
Y

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

Approve
No. 365

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.

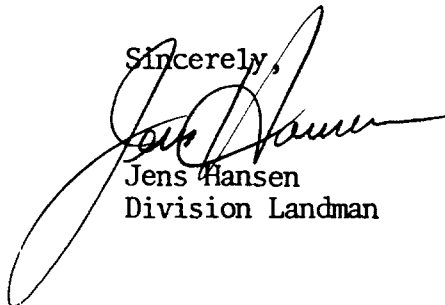
ADDITIONAL DEVELOPMENT FOR 1978

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 interruptions. 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.

Sincerely,

A handwritten signature in dark ink, appearing to read "Jens Hansen", is written over the typed name and title.

Jens Hansen
Division Landman

JH:dc

Agreed and accepted this

____ day of _____, 1978.

UNITED STATES GEOLOGICAL SURVEY

Agreed and accepted this

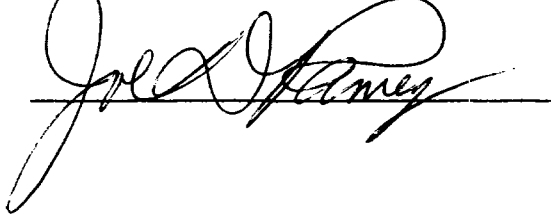
____ day of _____, 1978.

COMMISSIONER OF PUBLIC LANDS

Agreed and accepted this

7th day of December, 1978.

OIL CONSERVATION COMMISSION



A handwritten signature, appearing to read "Fred Hamey", is written over a horizontal line.



State of New Mexico



Commissioner of Public Lands

November 27, 1978

PHIL R. LUCERO
COMMISSIONER

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

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

no. 365

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

No. 365

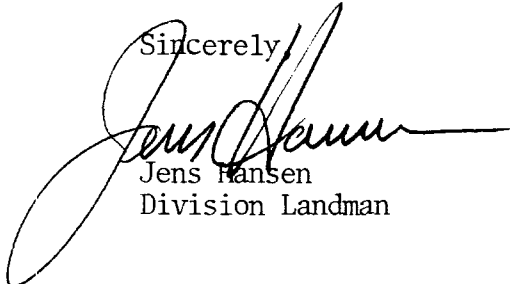
Re: Lease #4788 and LC-059365
Big Eddy Well #54
SW/4 Section 29, Township
21 South, Range 28 East
Eddy County, New Mexico

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.

Sincerely,



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

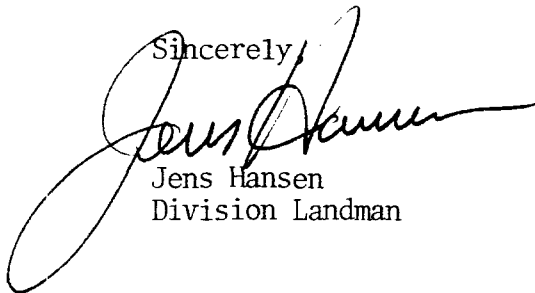
Re: Lease #4147, 14664,
E5230 and E831
Big Eddy Well #44
SE NE Section 16, Town-
ship 21 South, Range 30
East
Eddy County, New Mexico

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.

Sincerely,

A handwritten signature in black ink, appearing to read "Jens Hansen", written over the typed name and title.

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

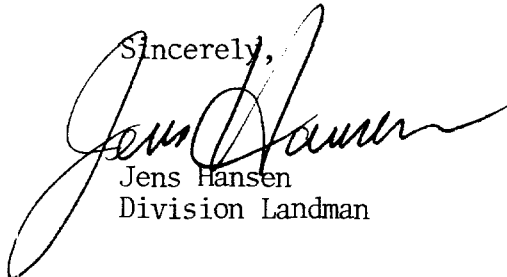
Re: Lease #4063A, 4788,
LC-060572 and LC-059365
Big Eddy Well #53
SW NE Section 8, Township
21 South, Range 28 East
Eddy County, New Mexico

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.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jens Hansen".

Jens Hansen
Division Landman

JH:dc

cc: Jack White

TABLE I
DETERMINATION OF
WELL'S PROFITABILITY

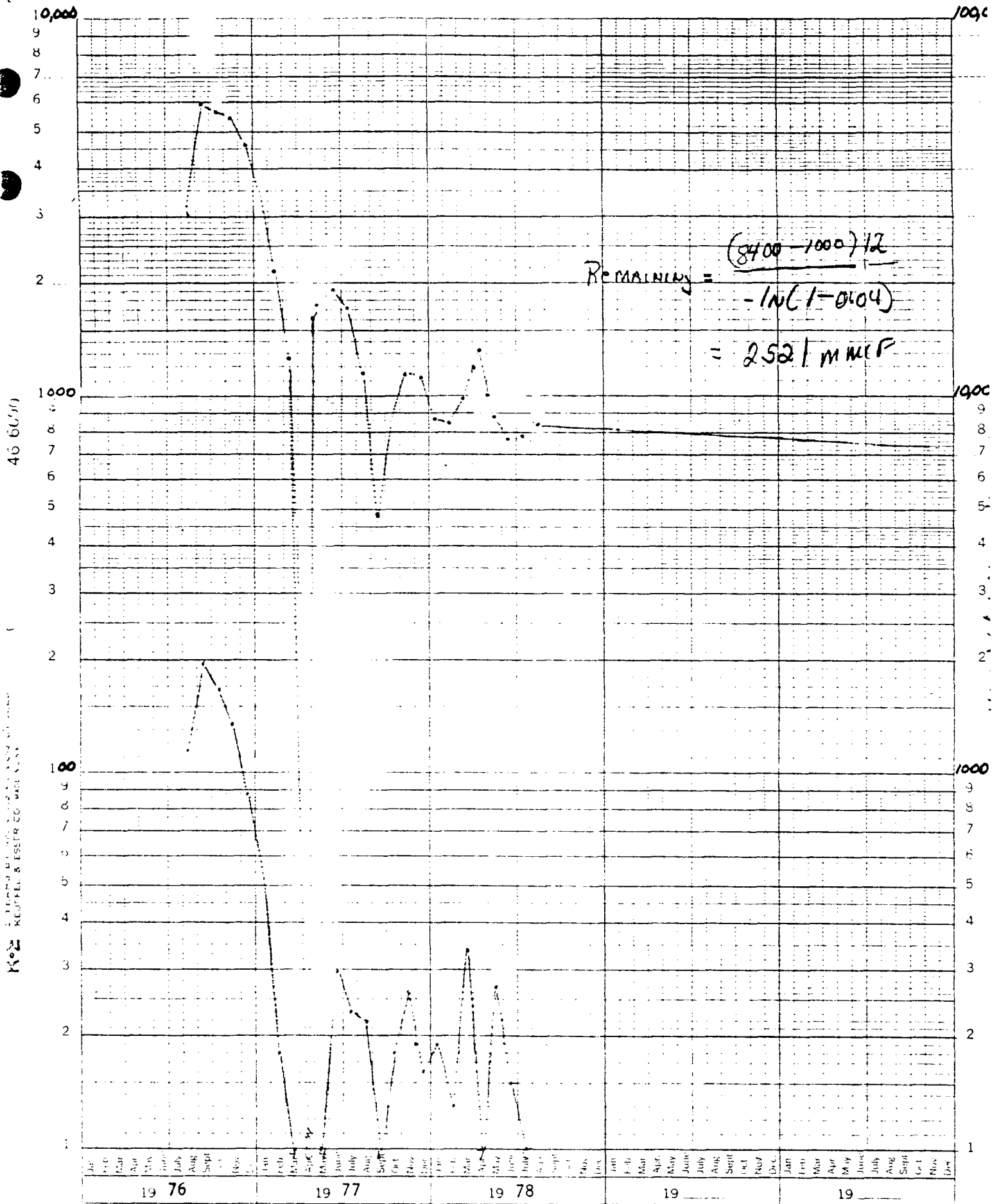
	BIG EDDY #44	BIG EDDY #53	BIG EDDY #54
WELL COST	\$827,998.94	\$573,144.39	\$639,472.11
GAS PRICE, GROSS \$/MCF	1.65	1.65	1.51
ROYALTY INTEREST, %	12.5	17.5	17.5
PROD & AD VAL TX, %	7.24	6.78	8.41
GAS PRICE, NET \$/MCF	1.34	1.27	1.14
CUMMULATIVE GAS, MMCF	479	61	69
REMAINING GAS, MMCF	2521	2439	46
ULTIMATE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

* 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

<u>1976</u>	<u>OIL, BBLS</u>		<u>GAS, MCF</u>	
	<u>BOPM</u>	<u>CUMMULATIVE</u>	<u>MCF/mo</u>	<u>CUMMULATIVE</u>
August	113	113	30,870	30,870
September	199	312	59,249	90,119
October	165	477	56,604	146,723
November	134	611	54,009	200,732
December	88	699	46,236	246,968
TOTAL	699	699	246,968	246,968
<u>1977</u>				
January	54	753	34,649	281,617
February	18	771	21,395	303,012
March	4	775	12,434	315,446
April	0	775	41	315,487
May	4	779	17,649	333,136
June	30	809	19,107	352,243
July	23	832	17,006	369,249
August	22	854	11,609	380,858
September	1	855	4,659	385,517
October	18	873	8,530	394,047
November	26	899	11,635	405,682
December	16	915	11,359	417,041
TOTAL	216	915	170,073	417,041
<u>1978</u>				
January	19	934	8,627	425,668
February	13	947	8,579	434,247
March	34	981	9,894	444,141
April	7	988	10,319	454,460
May	27	1015	8,786	463,246
June	15	1030	7,609	470,855
July	5	1035	7,764	478,619
TOTAL	120	1035	61,578	478,619

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



WV - WEST TEXAS
DIST - NORTH KERMIT
FIELD - SOUTH MARION CLIFFS

CURRENT MONTH		PROD. + REV. CURRENT MONTH		YEAR TO DATE	
ACTUAL	OVER/UNDER BUDGET	ADJUSTMENTS	ACTUAL	OVER/UNDER BUDGET	

NO

PRODUCTION

GROSS 8/8 VOLUMES
BLS OF CRUDE OIL

7,764.00

970-

61,574.00

22,036-

MCF OF GAS

7,764.00

970-

61,578.00

22,036-

MCF GAS INJECTION
MCF GAS NET PRODUCTION
BLS OF CONDENSATE

5.00

5

120.00

120

BASS NET VOLUMES

BLS OF CRUDE OIL

6,793.50

848-

53,880.77

19,279-

MCF OF GAS

6,793.50

848-

53,880.77

19,279-

MCF GAS INJECTION
MCF GAS NET PRODUCTION
BLS OF CONDENSATE

4.38

4

105.07

102

SALES

B.P.C.L

BASS NET VOLUMES

BLS OF CRUDE OIL

6,370.88

1,271-

62,419.89

10,141-

MCF OF GAS

BLS OF CONDENSATE
BLS OF PLANT PRODUCTS

BASS GROSS REVENUE

UNIT PRICE
CUR YTD

1.65 1.44

10,518.07

180-

90,120.74

12,306-

PLANT PRODUCTS

TOTAL BASS 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

- WEST TEXAS
T - NORTH KERMIT
LD - SOUTH MARION CLIFFS

SE 0331601 - BIG EDDY UNIT #44

ASE OPERATING EXPENSE

	CURRENT MONTH ACTUAL	OVER/UNDER BUDGET	PROD. + REV. CURRENT MONTH ADJUSTMENTS	YEAR TO DATE ACTUAL	OVER/UNDER BUDGET
--	-------------------------	-------------------	--	------------------------	-------------------

WKK.INT.1.00000000 REV.INT..87500000 ROY

COMPANY LABOR	143.92	124-		1,037.47	834-
EMPLOYEE BENEFITS	26.09	21-		187.47	144-
EXPENSES OF EMPLOYEES	109.60			617.64	150-
CONTRACT LABOR					
CONTRACT SERVICES		1,770-			1,890-
MAINTENANCE MATERIALS + SUPPLIES		30-		45.94	125-
PULLING EXPENSE					
FUEL, WATER, POWER + LUBRICANTS					
CORROSION EXPENSES					
TREATING CHEMICALS					
LEASE SERVICE + MARINE TRANSPORT					
ROAD AND CANAL EXPENSE					
ALLOCATED SYS + FACILITIES EXP					
ALLOCATED AREA EXPENSE					
TOTAL NORMAL LEASE OPERATIONS EXP	279.61	1,946-		1,924.52	3,151-
MAJOR MAINTENANCE -AFF DETAIL-					
MISC. EXPENSE RECOVERIES					
TOTAL LEASE OPERATIONS EXPENSE	279.61	1,946-		1,924.52	3,151-
TOTAL BASS LEASE OPERATIONS EXPENSE	279.61	1,946-		1,924.52	3,151-
PRODUCTION + SEVERANCE TAXES-NET	713.51	99-		6,527.39	1,257-
AD VALOREM TAXES - NET					
HAULING + PROCESSING CHARGES-NET					
TOTAL BASS NET LEASE EXPENSES	993.12	2,045-		8,455.91	4,408-
TOTAL NET LEASE OPERATING INCOME	9,524.95	1,864		81,664.83	7,897-
ROYALTY INCOME - NET OF PROD.SEV.TAXES					
AD VALOREM TAXES - ROY -NET					
PRIOR YEAR NET REVENUE ADJUSTMENT					
PRIOR YEAR LEASE OPERATIONS ADJ					
AND TOTAL NET LEASE INCOME	9,524.95	**	1,864	81,664.83	**
INCOME SUBJECT TO REFUND BY FPC -NET				13,631.25	

UU

88

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

DIV - WEST TEXAS
DIST - NORTH KERMIT
FIELD - SOUTH MARION CLIFFS

LEASE 0331601 - BIG EDDY UNIT #44

MRK.INT.1.00000000

RFV.INT. .87500000

ROY

CURRENT MONTH

PROD. + RFV.
CURRENT MONTH

YEAR TO DATE

ACTUAL OVER/UNDER BUDGET

ADJUSTMENTS

ACTUAL

OVER/UNDER BUDGET

PRODUCTION

GROSS R/R VOLUMES

MO

BBL'S OF CRUDE OIL

07

MCF OF GAS

7,764.00

970-

61,578.00

22,036-

MCF GAS INJECTION

7,764.00

970-

61,578.00

22,036-

MCF GAS NET PRODUCTION

5.00

5

120.00

120

BRLS OF CONDENSATE

5.00

5

120.00

120

BASS NET VOLUMES

BRLS OF CRUDE OIL

6,793.50

848-

53,860.77

19,279-

MCF OF GAS

6,793.50

848-

53,860.77

19,279-

MCF GAS NET PRODUCTION

4.33

4

105.03

102

BRLS OF CONDENSATE

4.33

4

105.03

102

SALFS

H.P.C.L

BASS NET VOLUMES

BRLS OF CRUDE OIL

5,370.88

1,271-

62,419.69

10,741-

MCF OF GAS

5,370.88

1,271-

62,419.69

10,741-

BRLS OF CONDENSATE

5.00

5

120.00

120

GALS OF PLANT PRODUCTS

5.00

5

120.00

120

BASS GROSS REVENUE

UNIT PRICE
CUR YTD

CRUDE OIL

1.65

1.64

100-

90,120.74

12,306-

GAS

1.65

1.64

100-

90,120.74

12,306-

CONDENSATE

1.65

1.64

100-

90,120.74

12,306-

PLANT PRODUCTS

1.65

1.64

100-

90,120.74

12,306-

TOTAL BASS GROSS REVENUE

10,518.07 *

100-

90,120.74 *

12,306-

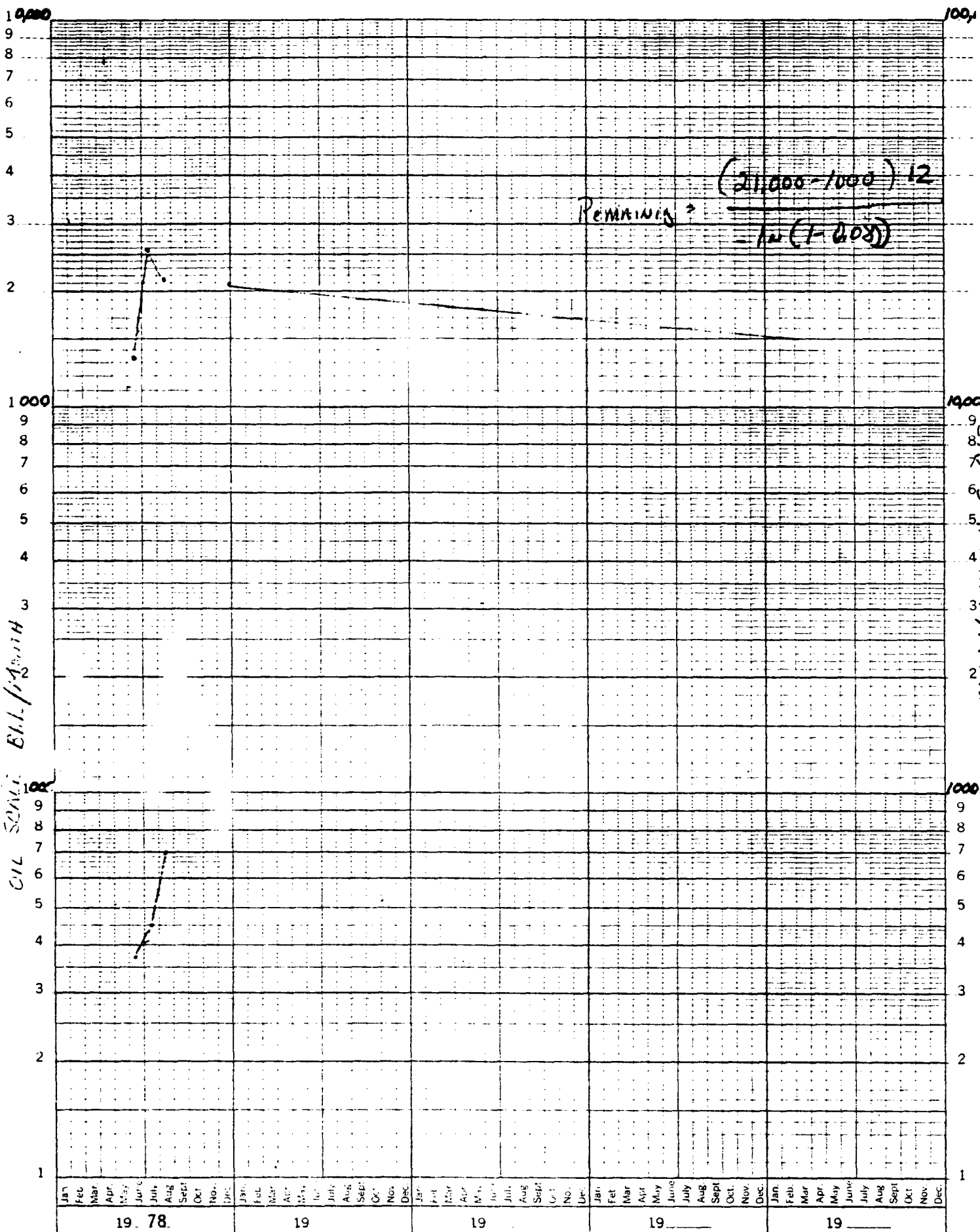
MONTHLY OIL & GAS PRODUCTION
 BIG EDDY UNIT WELL NO. 53
 UNDESIGNATED MORROW GAS FIELD

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

3 YEARS BY MONTHS & LOG CYCLES
KEUFFEL & ESSER CO. MADE IN USA

46 6690

710 500000 11/13/79



DIV - WEST TEXAS
DIST - NORTH KERMIT

FIELD - NEW MEXICO UNDESIGNATED

LEASE OPERATING EXPENSE

	CURRENT MONTH		PRD. + REV.		YEAR TO DATE	
	ACTUAL	OVER/UNDER BUDGET	CURRENT MONTH ADJUSTMENTS		ACTUAL	OVER/UNDER BUDGET
COMPANY LABOR						
EMPLOYEE BENEFITS		183-			189.13	543-
EXPENSES OF EMPLOYEES	22.77	33-			33.98	99-
CONTRACT LABOR		72-			176.89	203-
CONTRACT SERVICES		20-			380.00	300
MAINTENANCE MATERIALS + SUPPLIES		19-			65.20	25
PULLING EXPENSE						
FUEL + WATER, POWER + LUBRICANTS						
CORROSION EXPENSES						
TREATING CHEMICALS						
LEASE SERVICE + MARINE TRANSPORT						
ROAD AND CANAL EXPENSE						
ALLOCATED SYS + FACILITIES EXP						
ALLOCATED AREA EXPENSE						
TOTAL NORMAL LEASE OPERATIONS EXP	22.77	318-			845.20	519-
MAJOR MAINTENANCE - AFE DETAIL-					24,741.41	24,740
MISCL EXPENSE RECOVERIES						
TOTAL LEASE OPERATIONS EXPENSE	22.77	418-			25,586.61	24,721
TOTAL BASS LEASE OPERATIONS EXPENSE						
	22.77	418-			25,586.61	24,721
PRODUCTION + SEVERANCE TAXES-NET						
	1,223.45	1,491-			1,223.45	14,871-
AD VALOREM TAXES - NET						
HAULING + PROCESSING CHARGES-NET						
TOTAL BASS NET LEASE EXPENSES						
	1,246.22	1,809-			26,810.06	9,351
TOTAL NET LEASE OPERATING INCOME						
	16,776.98	15,889-			8,786.86-	203,098-
ROYALTY INCOME - NET OF PRD. SEV. TAXES						
AD VALOREM TAXES - ROY -NET						
PRIOR YEAR NET REVENUE ADJUSTMENT						
PRIOR YEAR LEASE OPERATIONS ADJ						
GRAND TOTAL NET LEASE INCOME						
	16,776.98	15,889-			8,786.86-	203,098-
INCOME SUBJECT TO REFUND BY FPC -NET						
PROFIT MARGIN						

OPERATED

BASS ENTERPRISES PRODUCTION COMPANY F1 AL
LEASE INCOME AND OPERATION REPORT
AS OF 7/31/78 RUN DATE 8/20/78

WEST TEXAS
NORTH KERMIT
NEW MEXICO UNDESIGNATED

CURRENT MONTH	PRD. + REV. CURRENT MONTH	YEAR TO DATE		
ACTUAL	OVER/UNDER BUDGET	ADJUSTMENTS	ACTUAL	OVER/UNDER BUDGET

PRODUCTION

GROSS 8/8 VOLUMES

BRLS OF CRUDE OIL

MCF OF GAS

MCF GAS INJECTION

MCF GAS NET PRODUCTION

BRLS OF CONDENSATE

BASS NET VOLUMES

BRLS OF CRUDE OIL

MCF OF GAS

MCF GAS INJECTION

MCF GAS NET PRODUCTION

BRLS OF CONDENSATE

FS

N.P.C.I.

BASS NET VOLUMES

BRLS OF CRUDE OIL

MCF OF GAS

BRLS OF CONDENSATE

GALS OF PLANT PRODUCTS

UNIT PRICE

BASS GROSS REVENUE

CRUDE OIL

GAS

CONDENSATE

PLANT PRODUCTS

TOTAL BASS GROSS REVENUE

18,023.20 *

17,698-

18,023.20 *

193,748-

10,922.17

13,713-

10,922.17

135,127-

21,399.68

3,236-

32,302.06

113,747-

21,399.68

2,606

32,302.06

47,636-

37.13

37

47.66

67

25,939.00

3,923-

39,154.00

137,877-

25,939.00

3,923-

39,154.00

137,877-

45.00

45

82.00

42

ST 3 NORTH KERMIT
FIELD - NEW MEXICO UNDESIGNATED
CURRENT MONTH
ACTUAL OVER/UNDER BUDGET
PERIOD + REV.
CURRENT MONTH
ADJUSTMENTS
YEAR TO DATE
ACTUAL OVER/UNDER BUDGET

LEASE 0353001 - BIG EDDY UNIT 453
WRK.INT.1.00000000
REV.INT..82500000
ROY

LEASE OPERATING EXPENSE

COMPANY LABOR 143- 149.13 543-

EMPLOYEE BENEFITS 33- 33.98 99-

EXPENSES OF EMPLOYEES 22.77 72- 176.89 203-

CONTRACT LABOR 20- 340.00 300

CONTRACT SERVICES 10- 45.20 25

MAINTENANCE MATERIALS + SUPPLIES

PULLING EXPENSE

FUEL, WATER, POWER + LUBRICANTS

CORROSION EXPENSES

TREATING CHEMICALS

LEASE SERVICE + MARINE TRANSPORT

ROAD AND CANAL EXPENSE

ALLOCATED SYS + FACILITIES EXP

ALLOCATED AREA EXPENSE

TOTAL NORMAL LEASE OPERATIONS EXP 22.77 418- 845.20 519-

MAJOR MAINTENANCE - SEE DETAIL-

MISCELLANEOUS RECOVERIES

TOTAL LEASE OPERATIONS EXPENSE 22.77 318- 845.20 519-

TOTAL BASS LEASE OPERATIONS EXPENSE 22.77 318- 845.20 519-

PRODUCTION + SEVERANCE TAXES-NET 1,223.45 1,491-

AD VALOREM TAXES - NET

HAULING + PROCESSING CHARGES-NET

TOTAL BASS NET LEASE EXPENSES 1,246.22 1,809-

TOTAL NET LEASE OPERATING INCOME 16,776.98 15,839-

ROYALTY INCOME - NET OF PROD.SEV.TAXES

AD VALOREM TAXES - ROY -NET

PRIOR YEAR NET REVENUE ADJUSTMENT

PRIOR YEAR LEASE OPERATIONS ADJ

GRAND TOTAL NET LEASE INCOME 16,776.98 ** 15,839- 15,954.55 ** 178,358-

INCOME SUBJECT TO REFUND BY FPC -NET

PROFIT MARGIN 93 % 88 %

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

WV - WEST TEXAS
DIST - NORTH KERMIT
FIELD - NEW MEXICO UNDESIGNATED
LEASE 0333001 - BIG EDDY UNIT #53
CURRENT MONTH
PRD. + REV.
CURRENT MONTH
ADJUSTMENTS
YEAR TO DATE
ACTUAL OVER/UNDER BUDGET

WK. INT. 1.00000000 REV. INT. .82500000 RDY

PRODUCTION

GROSS 8/8 VOLUMES

BLS OF CRUDE OIL 07

MCF OF GAS 25,939.00 3,923-

MCF GAS INJECTION 39,154.00 137,977-

MCF GAS NET PRODUCTION 25,939.00 3,923-

BLS OF CONDENSATE 45.00 45

BASS NET VOLUMES

BLS OF CRUDE OIL

MCF OF GAS 21,399.68 3,236-

MCF GAS INJECTION 32,302.06 113,747-

MCF GAS NET PRODUCTION 21,399.68 3,236-

BLS OF CONDENSATE 47.13 47

SALES

B.P.C.L

BASS NET VOLUMES

BLS OF CRUDE OIL

MCF OF GAS 10,922.17 13,713-

BLS OF CONDENSATE 10,922.17 135,127-

GALS OF PLANT PRODUCTS

BASS GROSS REVENUE

UNIT PRICE CUR YTD

CRUDE OIL 1.65 1.65 18,023.20 17,698-

GAS 1.65 1.65 18,023.20 193,748-

CONDENSATE

PLANT PRODUCTS

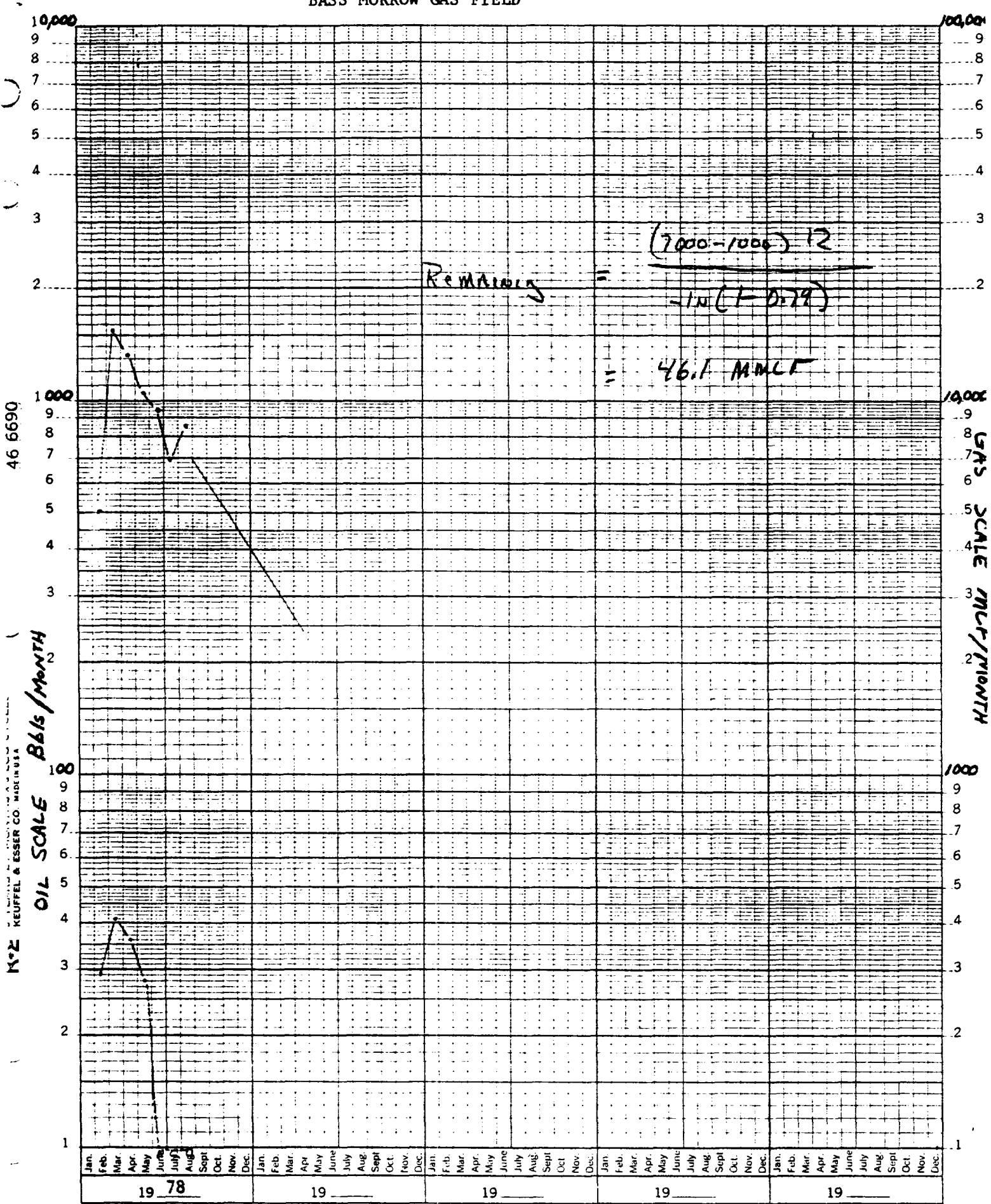
TOTAL BASS GROSS REVENUE 18,023.20 * 17,698-

18,023.20 * 193,748-

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

<u>1978</u>	<u>OIL, BBLS</u>		<u>GAS, MCF</u>	
	<u>BOPM</u>	<u>CUMMULATIVE</u>	<u>MCF/mo</u>	<u>CUMMULATIVE</u>
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
	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL	135	135	69,228	69,228

BIG EDDY UNIT WELL NO. 54
BASS MORROW GAS FIELD



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

WEST TEXAS
- HIGHT KERRIT
FIELD - BASS MORROW

CURRENT MONTH		PRD. + REV.	
ACTUAL	OVER/UNDER BUDGET	CURRENT MONTH	ADJUSTMENTS

LEASE OPERATING EXPENSE

COMPANY LABDR	124.42	575-	1,104
EMPLOYEE BENEFITS	22.50	105-	200
EXPENSES OF EMPLOYEES	61.27	258-	788
CONTRACT LABOR		191-	334
CONTRACT SERVICES			346
MAINTENANCE MATERIALS + SUPPLIES			
PULLING EXPENSE			
FUEL, WATER, POWER + LUBRICANTS			
CORROSION EXPENSES			
TREATING CHEMICALS			
LEASE SERVICE + MARINE TRANSPORT			
ROAD AND CANAL EXPENSE			
ALLOCATED SYS + FACILITIES EXP			
ALLOCATED AREA EXPENSE			
TOTAL NORMAL LEASE OPERATIONS EXP	209.19	1,130-	2,770.
MAJOR MAINTENANCE - AFF DETAIL-			15,621.
MISCL EXPENSE RECOVERIES			
TOTAL LEASE OPERATIONS EXPENSE	209.19	1,130-	18,599.

TOTAL BASS LEASE OPERATIONS EXPENSE	173.48	942-	15,499.
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PRODUCTION + SEVERANCE TAXES-NET	5,440.83	4,133-	39,524.
AD VALOREM TAXES - NET			
HAULING + PROCESSING CHARGES-NET			

TOTAL BASS NET LEASE EXPENSES	5,614.31	5,076-	55,024.4
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TOTAL NET LEASE OPERATING INCOME	60,834.45	54,455-	414,698.6
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ROYALTY INCOME - NET OF PRD. SEV. TAXES			
AD VALOREM TAXES - ROY -NET			

PRD. YEAR NET REVENUE ADJUSTMENT			
PRD. YEAR LEASE OPERATIONS ADJ			

GRAND TOTAL NET LEASE INCOME	60,834.45	54,455-	414,698.0
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INCOME SUBJECT TO REFUND BY FPC -NET			72,943.2
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WEST TEXAS
NORTH KERRIT
FIELD - BASS MORROW

	CURRENT MONTH	PRD. + REV.	YEAR TO DATE
	ACTUAL	CURRENT MONTH	OVER/UNDER BUDGET
	OVER/UNDER BUDGET	ADJUSTMENTS	ACTUAL

LEASE OPERATING EXPENSE

COMPANY LABOR	124.42	575-	1,108.62	2,368-
EMPLOYEE BENEFITS	22.50	105-	200.17	436-
EXPENSES OF EMPLOYEES	61.27	258-	788.58	808-
CONTRACT LABOR				
CONTRACT SERVICES		191-	334.44	427-
MAINTENANCE MATERIALS + SUPPLIES			346.90	345
PULLING EXPENSE				
FUEL, WATER, POWER + LUBRICANTS				
CORROSION EXPENSES				
TREATING CHEMICALS				
LEASE SERVICE + MARINE TRANSPORT				
ROAD AND CANAL EXPENSE				
ALLOCATED SYS + FACILITIES EXP				
ALLOCATED AREA EXPENSE				
TOTAL NORMAL LEASE OPERATIONS EXP	208.19	1,110-	2,776.73	3,923-
MAJOR MAINTENANCE - AFF DETAIL-			15,621.05	15,821
MISCL EXPENSE RECOVERIES				
TOTAL LEASE OPERATIONS EXPENSE	208.19	1,110-	18,599.78	11,898
TOTAL BASS LEASE OPERATIONS EXPENSE	173.48	942-	15,499.75	9,914
PRODUCTION + SEVERANCE TAXES-NET	5,440.83	4,133-	39,524.71	6,764-
AD VALOREM TAXES - NET				
HAULING + PROCESSING CHARGES-NET				
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-
INADULTY INCOME - NET OF PROD.SEV.TAXES				
AD VALOREM TAXES - ROY -NET				
PRIOR YEAR NET REVENUE ADJUSTMENT				
PRIOR YEAR LEASE OPERATIONS ADJ				
GRAND TOTAL NET LEASE INCOME	60,834.45	54,455-	414,698.00	142,757-
INCOME SUBJECT TO REFUND BY FPC -NET			72,943.29	
PROFIT MARGIN				91 %

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		PRD. + REV.		YEAR TO DATE	
ACTUAL	OVER/UNDER BUDGET	CURRENT MONTH ADJUSTMENTS	ACTUAL	OVER/UNDER BUDGET	

PRODUCTION
GROSS 8/8 VOLUMES
BALS OF CRUDE OIL

MCF OF GAS	65,430.00	RT,021-	590,516.00	217,730-
MCF GAS INJECTION				
MCF GAS NET PRODUCTION	65,430.00	RT,021-	590,516.00	217,730-
BALS OF CONDENSATE	60.00	155-	923.00	143-

BASS NET VOLUMES

BALS OF CRUDE OIL	45,255.75	59,944-	408,440.23	150,104-
MCF OF GAS				
MCF GAS INJECTION				
MCF GAS NET PRODUCTION	45,255.75	4,762	408,440.23	146,348
BALS OF CONDENSATE	41.50	107-	638.41	98-

SALES
R.P.C.L

BASS NET VOLUMES				
BALS OF CRUDE OIL				
MCF OF GAS	59,348.03	45,451-	393,137.08	165,408-
BALS OF CONDENSATE		149-	596.90	152-
GALS OF PLANT PRODUCTS				

UNIT PRICE	
BASS GROSS REVENUE	CUR YTD

CRUDE OIL				
GAS	1.11	1.17	66,448.76	57,630-
CONDENSATE		12.60		1.902-
PLANT PRODUCTS				

TOTAL BASS GROSS REVENUE	66,448.76	59,532-	469,722.46	130,434-
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LEASE INCOME AND OPERATION REPORT
AS OF 7/31/78 RIV DATE 8/20/78

V - WEST TEXAS
ST - NORTH KERRIT
FIELD - BASS MORROW

EASF 0033802 - BIG EDDY UNIT #54

LEASE OPERATING EXPENSE

CURRENT MONTH
ACTUAL OVER/UNDER BUDGET
WK. INT.

PRD. + RV.
CURRENT MONTH
ADJUSTMENTS
RV. INT. .67916657 RIV
YEAR TO DATE
ACTUAL OVER/UNDER BUDGET

COMPANY LABOR

EMPLOYEE BENEFITS

EXPENSES OF EMPLOYEES

CONTRACT LABOR

CONTRACT SERVICES

MAINTENANCE MATERIALS + SUPPLIES

PULLING EXPENSE

FUEL, WATER, POWER + LUBRICANTS

CORROSION EXPENSES

TREATING CHEMICALS

LEASE SERVICE + MARINE TRANSPORT

ROAD AND CANAL EXPENSE

ALLOCATED SYS + FACILITIES EXP

ALLOCATED AREA EXPENSE

TOTAL NORMAL LEASE OPERATIONS EXP

MAJOR MAINTENANCE - AFF DETAIL -

MISCL EXPENSE RECOVERIES

TOTAL LEASE OPERATIONS EXPENSE

TOTAL BASS LEASE OPERATIONS EXPENSE

PRODUCTION + SEVERANCE TAXES-NET

AD VALOREM TAXES - NET

HAULING + PROCESSING CHARGES-NET

TOTAL BASS NET LEASE EXPENSES

TOTAL NET LEASE OPERATING INCOME

ROYALTY INCOME - NET OF PROD. SEV. TAXES

AD VALOREM TAXES - ROY - NET

PRIOR YEAR NET REVENUE ADJUSTMENT

PRIOR YEAR LEASE OPERATIONS AND

GRAND TOTAL NET LEASE INCOME

INCOME SUBJECT TO REFUND BY FPC -NET

586.39	586	3,409.61	3,409
8,044.44	8,044	46,637.24	46,635
586.39	586	3,409.61	3,409
8,044.44	8,044	46,637.24	46,635
8,044.44	8,044	46,637.24	46,635
2,643.18			

DIV - WEST TEXAS
DIST - NORTH KERMIT
FIELD - BASS MURROW

LEASE 0833802 - BIG ENDY UNIT 454

CURRENT MONTH
ACTUAL OVER/UNDER BUDGET
WKR.INT.

PROD. + REV.
CURRENT MONTH
ADJUSTMENTS
REFV.INT. .67915667
YEAR TO DATE
ACTUAL OVER/UNDER BUDGET
ROY

PRODUCTION

GROSS 8/8 VOLUMES
BRLS OF CRUDE OIL 00
MCF OF GAS
MCF GAS INJECTION
MCF GAS NET PRODUCTION
BRLS OF CONDENSATE

BASS NET VOLUMES

BRLS OF CRUDE OIL
MCF OF GAS
MCF GAS INJECTION
MCF GAS NET PRODUCTION
BRLS OF CONDENSATE
44,685
335,452

SALES

R.P.C.I.

BASS NET VOLUMES

BRLS OF CRUDE OIL
MCF OF GAS
BRLS OF CONDENSATE
GALS OF PLANT PRODUCTS
5,241.13
5,241
40,516.99
30,514

BASS GROSS REVENUE

UNIT PRICE
CUR YTD
GAS 1.64 1.63 8,630.83 8,630 50,046.85 50,044
CONDENSATE
PLANT PRODUCTS

TOTAL BASS GROSS REVENUE 8,630.83 * 8,630 50,046.85 * 50,044



United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26126
Albuquerque, New Mexico 87126

JAN 27 1978
CONSERVATION COM.
Santa Fe

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. 57, 58 and 59 on lands outside existing participating areas. Three approval copies are enclosed.

Sincerely 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)

This Copy for

State of New Mexico



Commissioner of Public Lands

PHIL R. LUCERO
COMMISSIONER

January 20, 1978

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

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

No. 305

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

ATTENTION: Mr. Wm. Arthur Hamilton

Gentlemen:

The Commissioner of Public Lands has this date approved your 1978 Plan of Development for the Big Eddy Unit, Eddy County, New Mexico. 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.
cc:

OCC-Santa Fe, New Mexico ✓
USGS-Roswell, New Mexico
USGS-Albuquerque, New Mexico

RECEIVED
JAN 20 1978
Oil Conservation Commission

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

Mr. Bass

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.

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.

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, 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 Wm. Arthur Hamilton

1b

APPROVED: _____
Supervisor, United States Geological Survey

Date _____

APPROVED: _____
Commissioner of Public Lands

Date _____

APPROVED: John J. Pomeroy
Oil Conservation Commission

Date 1/11/78

THIS APPROVAL IS LIMITED SUBJECT TO LISA APPROVAL
BY THE BUREAU OF THE UNITED STATES GEOLOGICAL
SURVEY AND THE COMMISSIONER OF PUBLIC LANDS
OF THE STATE OF NEW MEXICO.



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 Morrow 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 Morrow "B" participating area inasmuch it is separated from the two currently existing Morrow participating areas.

The initial Morrow "B" participating area embraces 320 acres of State land described as the NW $\frac{1}{4}$ of sec. 16, T.21S., R.30E., N.M.P.M., and is based on the August 26, 1976 completion of unit well No. 44 in the SE $\frac{1}{4}$ of sec. 16 as a well capable of producing unitized 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
305 Marquette, NW, Room 845
Albuquerque, New Mexico 87102

FEB 01 1977

Perry R. Bass
Attention: Mr. Robert B. Coleman
P. O. Box 171
Midland, Texas 79701

Gentlemen:

One approved copy of your 1977 Plan of Development for the Big Eddy Unit Area, Eddy County, New Mexico, is enclosed. Such plan, proposing the drilling of unit wells No. 41, 53 and 54 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. COPY FILED IN SWITZERLAND)

Area Oil and Gas Supervisor

Enclosure

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

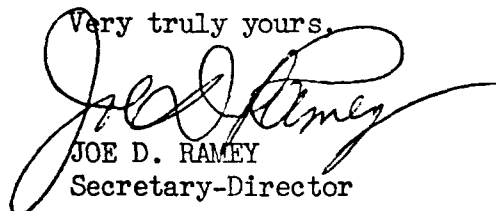
Gentlemen:

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.

Very truly yours,



JOE D. RAMEY
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 2

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

By James M. Deacon, Jr.

WAH/WPD/lb

Attachments

APPROVED:

U. S. Geological Survey

By _____

Date _____

Commissioner of Public Lands

By _____

Date _____

New Mexico Oil Conservation Commission

By James M. Deacon, Jr.

Date January 2, 1977

EXHIBIT "B"

Initial Participating Area for the Morrow Formation

Lease Number	Description	Acres	Working Interest	Royalty	Tract Participation Percentage
State E-5230	T21S, R30E Section 16: N/2	320	Bass Enterprises Production Co. Perry R. Bass	3/4 1/4	State of NM 12 1/2%
					100%

<p>Amoco HBP 06792 962.40 AcTot</p> <p>(11664)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 943.16 AcTot</p> <p>(4732)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 471.66 AcTot</p> <p>(4775)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 471.70 AcTot</p> <p>(3839)</p>	<p>4147 B.E.P.-Va HBP 06792 Teledyne Isotopes Inc HBP 06792 1592.10 AcTot</p> <p>(3906)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 1592.10 AcTot</p> <p>(4202)</p>
<p>Base Ent Prod Co.-Va & Perry R. Bass-Va HBP 06792 691.20 AcTot</p> <p>(4907)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 800 AcTot</p> <p>(4309)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 648 AcTot</p> <p>(4315)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 820 AcTot</p> <p>(4716)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 1592.10 AcTot</p> <p>(3825)</p>	<p>Howard Corp.-Va B.E.P.-Va & P.R.B.-Va HBP 06792 W. Robertson 3/4 160 Ac all sec HBP 06792 1692.10 AcTot</p> <p>(3906)</p>
<p>BIG EDDY UNIT</p>					
<p>B.E.P.-Va & P.R.B.-Va HBP 06792 631.24 AcTot</p> <p>(4313)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 840 AcTot</p> <p>(4714)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 8361.63 AcTot</p> <p>(4147)</p>	<p>Yates Pet HBP 06792 HBP 06792 160 Ac</p> <p>(3842)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 1592.10 AcTot</p> <p>(3906)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 1592.10 AcTot</p> <p>(3906)</p>
<p>B.E.P.-Va & P.R.B.-Va HBP 06792 348.65 AcTot</p> <p>(4780)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 160 Ac</p> <p>(4310)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 800 AcTot</p> <p>(3825)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 8351.63 AcTot</p> <p>(4147)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 8351.63 AcTot</p> <p>(4147)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 8351.63 AcTot</p> <p>(4147)</p>
<p>B.E.P.-Va & P.R.B.-Va HBP 06792 1157.71 AcTot</p> <p>(3760)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 800 AcTot</p> <p>(3825)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 8351.63 AcTot</p> <p>(4147)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 8351.63 AcTot</p> <p>(4147)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 8351.63 AcTot</p> <p>(4147)</p>	<p>B.E.P.-Va & P.R.B.-Va HBP 06792 8351.63 AcTot</p> <p>(4147)</p>
<p>B.E.P.-Va & P.R.B.-Va HBP 06792 1157.71 AcTot</p> <p>(3760)</p>	<p>Base Ent Prod Co.-Va & Perry R. Bass-Va HBP 06792 800 AcTot</p> <p>(4019)</p>	<p>Teledyne Isotopes Inc HBP 06792 8351.63 AcTot</p> <p>(4147)</p>	<p>Base Ent Prod Co.-Va & Perry R. Bass-Va HBP 06792 8351.63 AcTot</p> <p>(4147)</p>	<p>Phillips 9-10-76 23200</p>	<p>Phillips 9-10-76 23200</p>
<p>Skelly 8-1-74 0547236</p> <p>31</p>	<p>Gulf 8-1-74 0529078</p> <p>32</p>	<p>Skelly 8-1-74 0547425</p> <p>33</p>	<p>Phillips 8-1-74 0529078</p> <p>34</p>	<p>Phillips 8-1-74 0417023</p> <p>35</p>	<p>Corinne Grace 10-20-74 R-4474 14.9 HBP</p> <p>36</p>
<p>Skelly 1-1-74 0358005</p> <p>6</p>	<p>ARCO 3-15-76 R-5772 1812</p> <p>5</p>	<p>Amoco 9-21-75 R-5262 1711</p> <p>4</p>	<p>Phillips 7-1-74 0553797</p> <p>3</p>	<p>Phillips R-3271</p> <p>2</p>	<p>Phillips 7-1-74 0479196</p> <p>1</p>
<p>Gulf 9-1-80 R-15</p> <p>7</p>	<p>State</p> <p>8</p>	<p>State</p> <p>9</p>	<p>Phillips 7-1-74 0553797</p> <p>10</p>	<p>Phillips 0479196</p> <p>11</p>	<p>Phillips 7-1-74 0479196</p>

File

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

103

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

Gentlemen:

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 returned herewith.

Very truly yours,

JOE D. RAMEY
Secretary-Director

JDE/JEK/og

cc: Commissioner of Public Lands - Santa Fe
United States Geological Survey - Roswell

PERRY R. BASS

DIVISION LAND & GEOLOGICAL OFFICE

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 re-acidized in the Morrow.

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, 1976 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 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, 1977.

Modifications

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

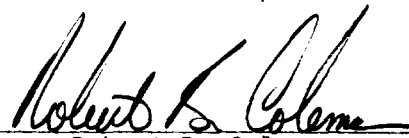
Effective Date

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

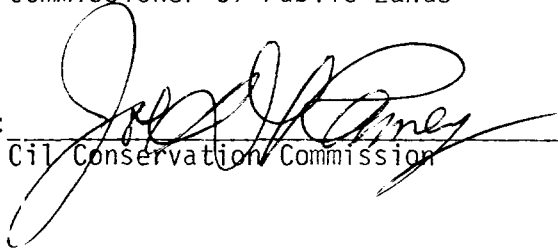
By 
Robert B. Coleman

RBC:kjb

APPROVED: _____ Date _____
Supervisor, United States Geological
Survey

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

APPROVED: _____ Date _____
Commissioner of Public Lands

APPROVED:  _____ Date: Dec 22, 1976
Oil Conservation Commission



United States Department of the Interior

GEOLOGICAL SURVEY

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

Leas 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-Rodke No. 3 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,

Area Oil and Gas Supervisor

Enclosure

cc:

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



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

P. O. BOX 2088 - SANTA FE

87501

DIRECTOR
JOE D. RAMEY

LAND COMMISSIONER
PHIL R. LUCERO



STATE GEOLOGIST
EMERY C. ARNOLD

October 8, 1976

Bass Enterprises Production Co.
P. O. Box 2760
Midland, 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

BASS ENTERPRISES PRODUCTION CO.

DIVISION LAND & GEOLOGICAL OFFICE

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.

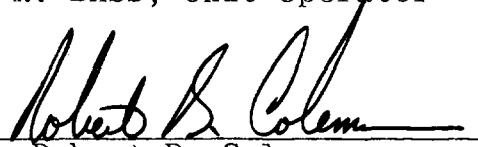
United States Geological Survey
Commissioner of Public Lands
New Mexico Oil Conservation Commission
Page Two
September 29, 1976

We again request your favorable consideration in this matter.

Yours very truly,

PERRY R. BASS, Unit Operator

By


Robert B. Coleman

RBC:kjb

APPROVED: _____ Date _____
Supervisor, United States Geological
Survey

APPROVED: _____ Date _____
Commissioner of Public Lands

APPROVED:  _____ Date Oct 8, 1976
Oil Conservation Commission



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
Midland, 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 E $\frac{1}{2}$ 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 $\frac{1}{4}$ SE $\frac{1}{4}$ 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:

1. 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).
2. It does not provide an effective date for the requested participating area, as required by Section 11 of the unit agreement.
3. 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.
4. 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 if 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  This Copy for

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 E/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 Participating 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

By Wm. Arthur Hamilton

WPD/lw
Attachments

APPROVED:

U. S. Geological Survey

By _____
Date _____

Commissioner of Public Lands

By _____
Date _____

New Mexico Oil Conservation Commission

By J. A. Kline
Date February 13, 1976

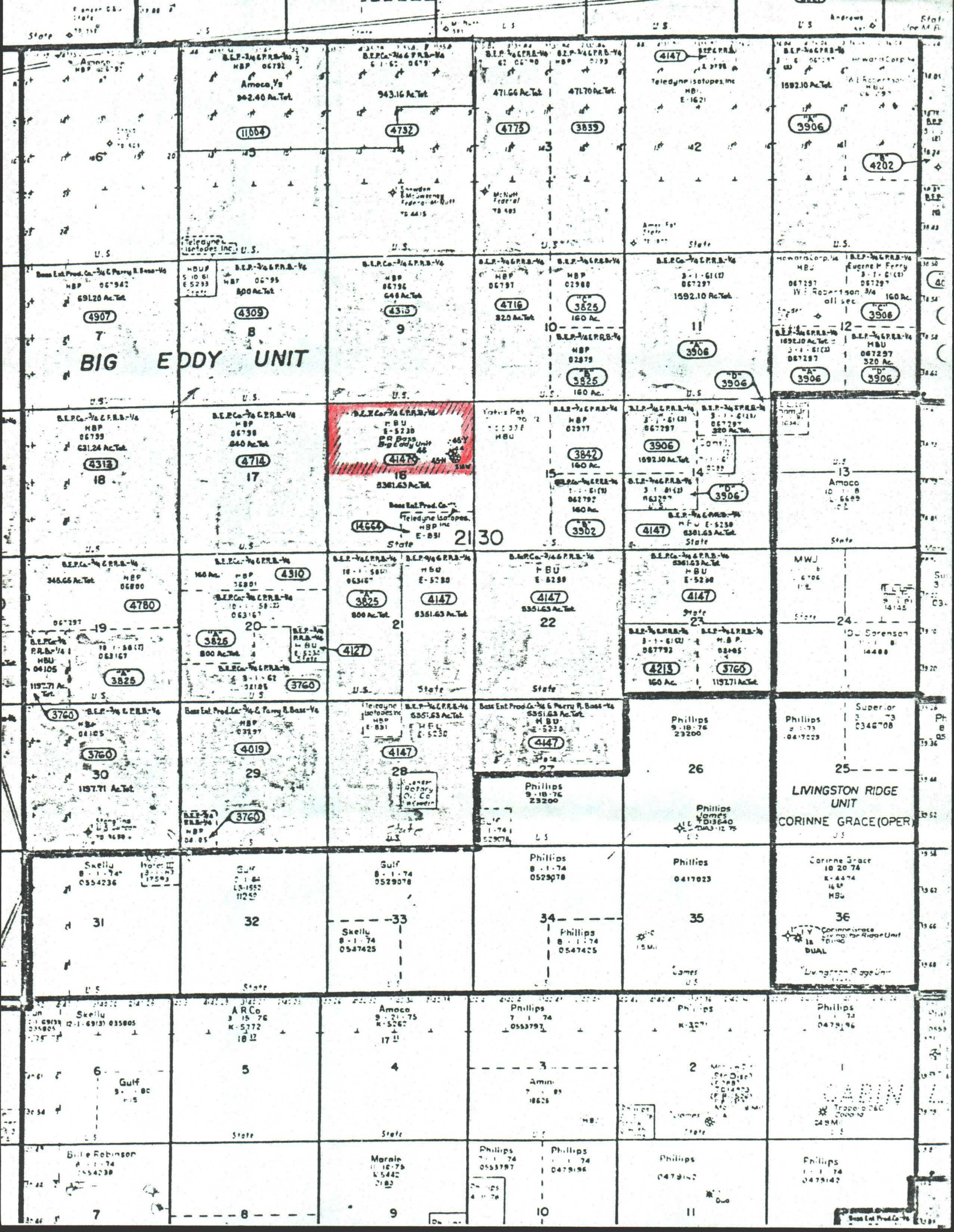


EXHIBIT "B"

Initial Participating Area for the Morrow Formation

Lease Number	Description	Acres	Working Interest	Royalty	Tract Participation Percentage
LC-067144	T21S, R28E Sec. 35: E/2	320	Bass Enterprises Production Co. 3/4 Perry R. Bass 1/4 Subject to 3% ORR payable to: Rosemary Murphy Barnett Hanlad Oil Corporation Roy L. Flood	USA 12½% 1.2% .9% .9%	100%

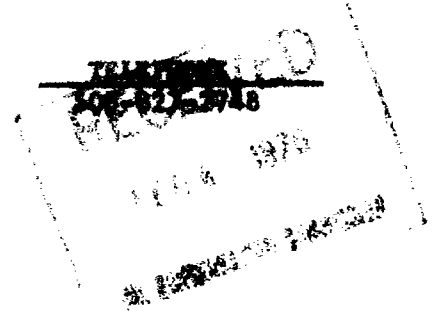


PHIL R. LUCERO
COMMISSIONER

State of New Mexico



Commissioner of Public Lands
February 3, 1976



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

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

Re: Big Eddy Unit
Initial Morrow Participating
Area
Eddy and Lea 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 Lea Counties, New Mexico. The Initial Participating Area covers the E/2 of Section 35, Township 21 South, Range 28 East.

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,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

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

PRL/RDC/s
encl.
cc:

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

P. O. Drawer 1857
Roswell, New Mexico 88201

January 27, 1976

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

Gentlemen:

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. SGG.] CARL C. TRAYWICK

CARL C. TRAYWICK
Acting Area Oil & Gas Supervisor

Enclosure

cc:
Artesia (w/cy plan)
NMOCC, Santa Fe (ltr. only) ← *THIS COPY for*
Com. Pub. Lands, Santa Fe (ltr. only)

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, 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.

One approved copy of the plan is returned herewith.

Very truly yours,

JOE D. RAMEY
Secretary-Director

JDR/JEK/og

cc: United States Geological 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. BASS, Unit Operator

By Wm. Arthur Hamilton
Wm. Arthur Hamilton

RBC:ld

APPROVED: _____ Date _____
Supervisor, United States
Geological Survey

APPROVED: _____ Date _____
Commissioner of Public Lands

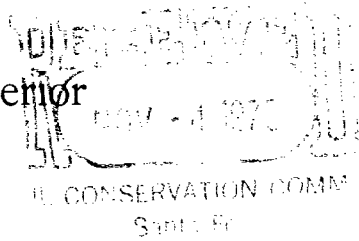
APPROVED: Joe O'Keefe Date Jan. 6, 1976
Oil Conservation Commission



United States Department of the Interior

GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201



October 28, 1975

Perry R. Bass
Attention: Mr. Robert E. Coleman
Fort Worth National 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 February 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 N $\frac{1}{2}$ sec. 29, T. 21 S., R. 28 E., N.M.P.M. The initial Morrow "A" participating area embraces 320 acres described as the N $\frac{1}{2}$ 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 NE $\frac{1}{4}$ 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 appln. & confidential data)
Commissioner of Public Lands, Santa Fe (ltr. only)
NMOGS, Santa Fe (ltr. only) ✓

ARStall/hr

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE NEW MEXICO 87501

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.

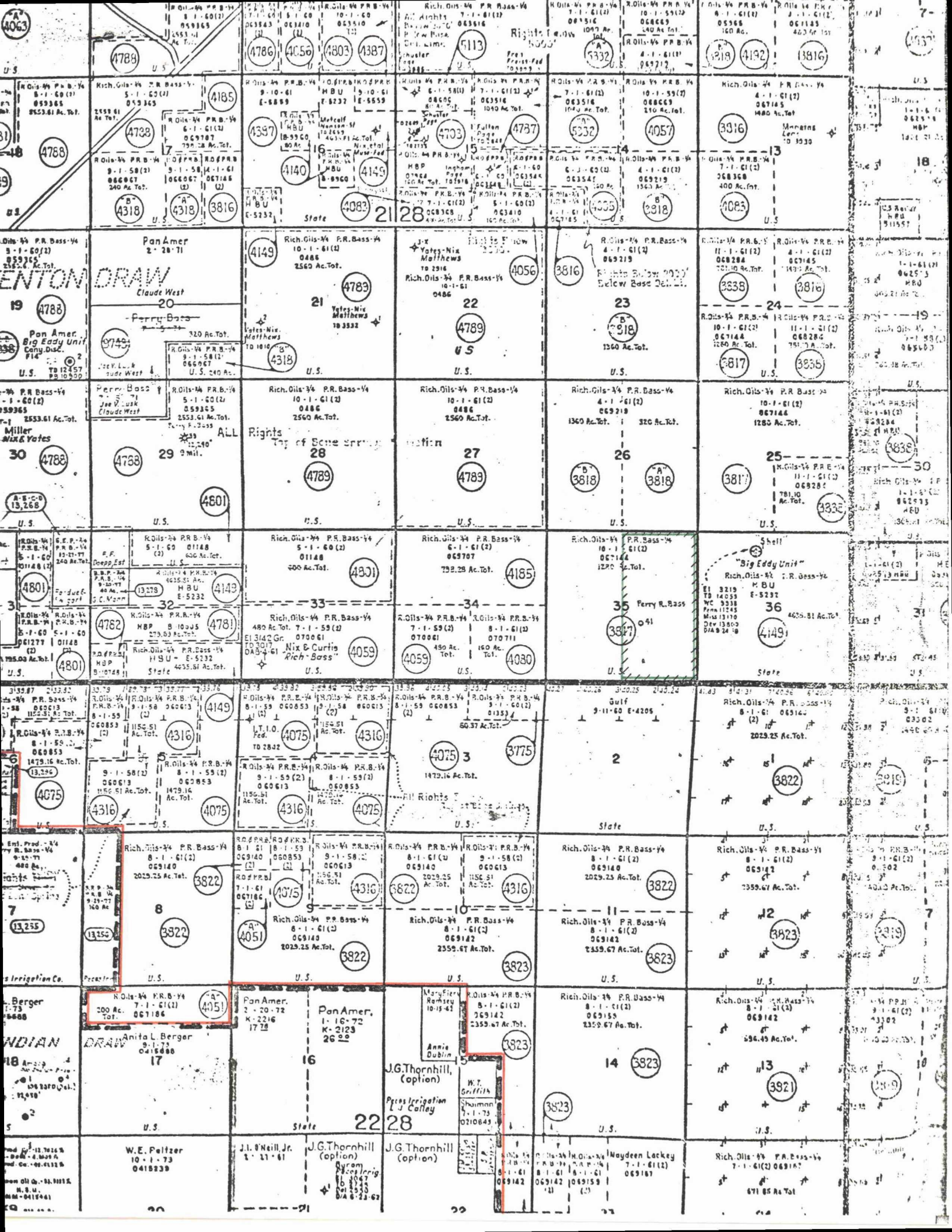
Very truly yours,

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



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 performances from 13,068'-13,212' for an initial 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 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
Page 2

As unit operator, we hereby respectfully 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



WPD/lw
Attachments

APPROVED:

U. S. Geological Survey

By

Date

Commissioner of Public Lands

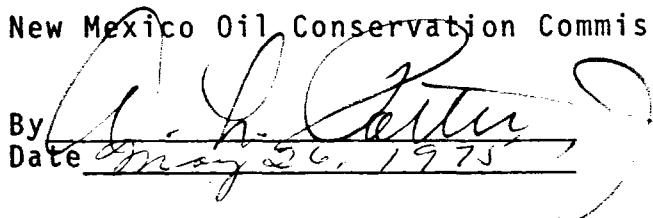
By

Date

New Mexico Oil Conservation Commission

By

Date

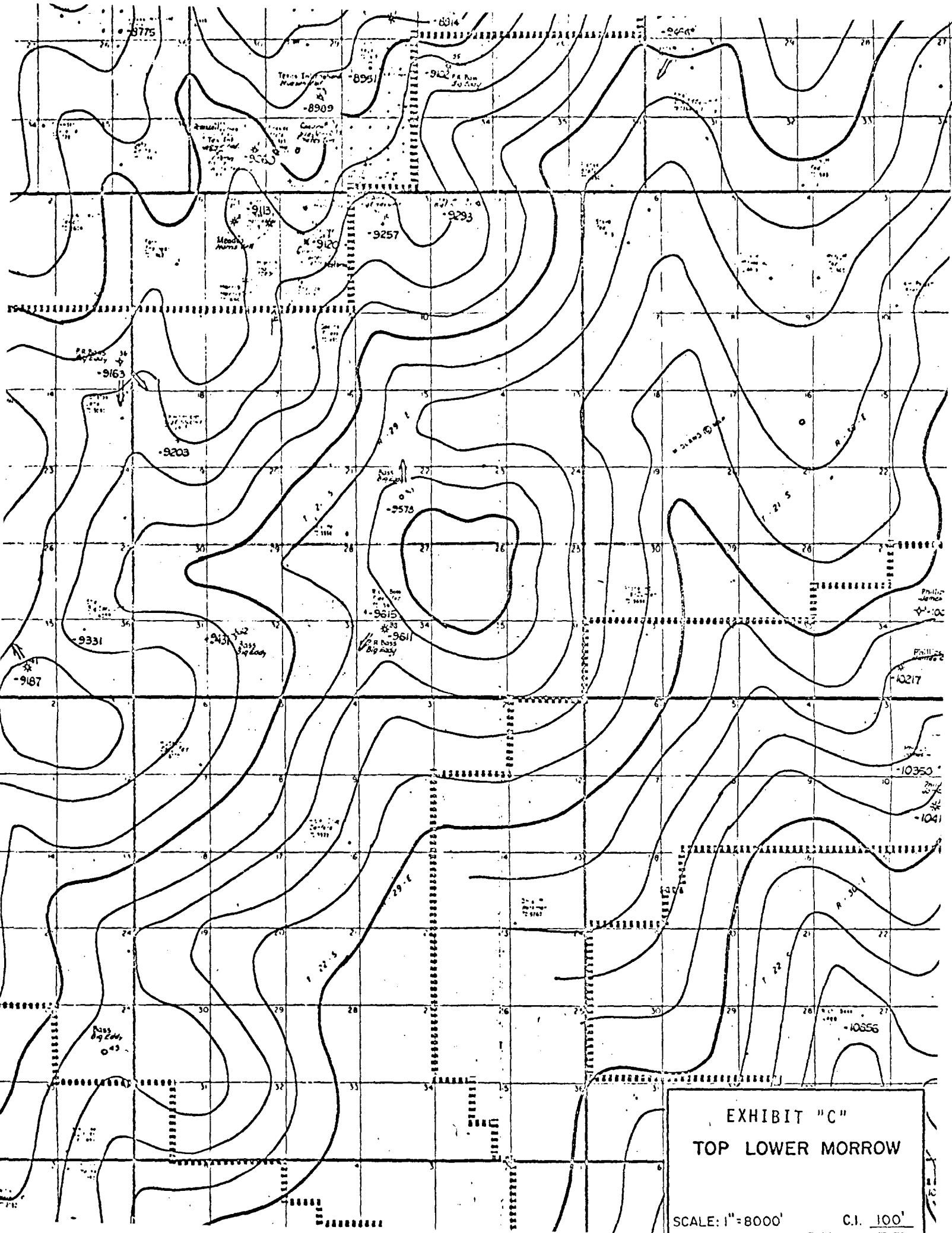


May 26, 1975

EXHIBIT "B"

Initial Participating Area for the Morrow Formation

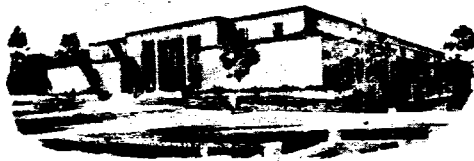
Lease Number	Description	Acres	Working Interest	Royalty	Tract Participation Percentage
LC-067964	T-21-S, R-29-E Section 34: N/2	320	Bass Enterprises Produc- tion Co. 3/4 Perry R. Bass 1/4 Subject to 3% ORR payable to:	USA 12 1/2%	100%
			Mabel E. Todhunter .30%		
			Olen F. Featherstone 1.35%		
			Hanlad Oil Corp. 1.35%		





State of New Mexico

TELEPHONE
505-827-2748



Commissioner of Public Lands

May 22, 1975

PHIL R. LUCERO
COMMISSIONER

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

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

**Re: Big Eddy Unit
Initial Participating Area
for Morrow Formation
Eddy and Lea Counties,
New Mexico**

ATTENTION: Mr. Perry R. Bass

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 Lea 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 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/EDG/s

encl.

cc: USGS-Roswell, New Mexico
OCC- Santa Fe, New Mexico ✓