

In reply refer to:
Unit Division

January 30, 1961

Case #1117

C
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P
Y

Richardson and Bass
Fort Worth National Bank Building
Fort Worth, Texas

Re: Little Eddy Unit
Lea and Eddy Counties,
New Mexico

Attention: Mr. Howard W. Jennings

Dear Mr. Jennings:

We have received your letter dated January 12, 1961, requesting a determination by the Commissioner and the Oil Conservation Commission that the I. W. Levelady # 1 Phillips State SW/4NE/4 of Section 16, Township 20-South, Range 32-East be declared a non-commercial well and that this well be permitted to produce on a lease basis. We discussed this with the Oil Conservation Commission and we feel we do not have adequate information to make the determination you wish.

Please furnish us the cost of this well, the bottom hole pressure and any engineering data available so we may evaluate the well. Do you intend to try to stimulate production in any manner?

Very truly yours,
E. S. JOHNNY WALKER
Commissioner of Public Lands

BY:
Ted Bilberry, Supervisor
Oil and Gas Division

ESW/mmcr/s

cc: Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico - Attention: Mr. Kaptina

P. O. Box 6721
Roswell, New Mexico

December 21, 1939

Richardson and Ross
Fort Worth National Bank Building
Fort Worth, Texas

Attention: Mr. Howard Jennings

Gentlemen:

This is to acknowledge receipt of the following documents relating to the Little Eddy unit agreement, New Mexico, No. 14-03-091-3444:

Four copies of a Ratification and Joinder to the unit agreement and unit operating agreement executed by Emmett B. White, et al, who will own record title and working interest in a portion of Federal land unit tract 55 upon issuance of lease New Mexico 073239. Approval and Consent of Richardson and Ross, unit operator, is affixed to each copy of the Ratification and Joinder.

Seven copies of a Ratification and Joinder to the unit agreement and unit operating agreement, executed by Wm. G. Ross and Vee K. Ross who will own record title and working interest in a portion of Federal land unit tract 55 upon issuance of lease New Mexico 073240. Approval and Consent of Richardson and Ross, unit operator, is affixed to each copy of the Ratification and Joinder.

By virtue of the Ratifications and Joinders listed above, that portion of Federal land unit tract 55 covered by oil and gas lease offer New Mexico 073239 and that portion of Federal land unit tract 55 covered by oil and gas lease offer New Mexico 073240 is considered effectively committed to the Little Eddy unit agreement, effective as of the issuance date of the respective lease.

Copies of the Ratifications and Joinders are being distributed to appropriate Federal offices for inclusion in the official case records. It is assumed you will furnish other interested parties with appropriate evidence of this action. Three copies of the Ratifications and Joinders executed by Wm. G. Ross and Vee K. Ross are surplus to our needs and are returned herewith.

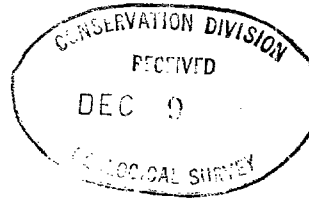
Very truly yours,
(Orig. Sgd.) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Copy to: Wash. (w/cy of Joinders)
Artesia (w/cy of Joinders)
NLM-Santa Fe (w/cy of Joinders)
State Land Office, (Mrs. Ross) (letter only)
BBOCC

Jim

P. O. Box 6721
Roswell, New Mexico



December 3, 1959

See #1117

Richardson and Bass
Fort Worth National Bank Building
Fort Worth, Texas

Attention: Mr. Howard W. Jennings

Gentlemen:

Reference is made to your letter of October 1, 1959, advising that the unit test well located in the SE $\frac{1}{4}$ sec. 36, T. 20 S., R. 32 E., N.M.P.M., in the Little Eddy unit area (No. 14-63-001-3464), Lea and Eddy Counties, New Mexico, is drilling at 12,436 feet and it is difficult to anticipate when this well will be completed. Your plan of development dated March 13, 1959, proposing the drilling of this well, covered a six months period ending September 17, 1959, for the Little Eddy unit area.

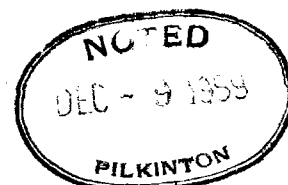
The drilling status of this test well is regarded as automatically extending the period of time covered by your last plan of development. A new plan of development should be submitted within 30 days after completion of this well.

Very truly yours,

EDWIN M. THOMASSON
Acting Oil and Gas Supervisor

Copy to: Washington (w/cy of letter of Oct. 1)
Artesia (w/cy of letter of Oct. 1)
NMOCC, Santa Fe (letter only) ✓
Commissioner of Public Lands, Santa Fe (letter only)

ED
JORDSON



RICHARDSON AND BASS

FORT WORTH NAT'L BANK BLDG.

FORT WORTH, TEXAS

MAIN OFFICE 900

October 1, 1959

10 OCT 7 AM 10:29

W. H. Jennings

**The Director
United States Geological Survey
Commissioner of Public Lands
New Mexico Conservation Commission**

**RE: Little Eddy Unit
#14-08-001-3464
Lea and Eddy Counties, N. M.**

Gentlemen:

On March 13, 1959, Richardson & Bass, as Unit Operator for the above captioned unit area, submitted a plan of development for the six months period ending September 17, 1959. On May 28, 1959, a Devonian test was commenced in the SE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 36, Township 20 South, Range 32 East, in compliance with the provisions of the plan of development. This well is currently drilling at a depth of 12,436 feet, and it is difficult for us to estimate when this well will reach total depth as on deeper drilling of this nature, very little footage is drilled per day.

Inasmuch as the plan of development as outlined is currently in progress, we are merely advising you for record only, as we assume the extension of the plan will be automatic.

Yours very truly,

RICHARDSON & BASS

Howard W. Jennings
Howard W. Jennings

HWI/pdf

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

April 2, 1959

File 1117

Richardson & Bass
Fort Worth National Bank Building
Fort Worth, Texas

ATTENTION: Mr. Howard Jennings

RE: Six Month Plan of Development
ending September 17, 1959
Little Eddy Unit Lea & Eddy
Counties, New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the six month Plan of Development ending September 17, 1959 for the Little 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,

A. L. PORTER, Jr.,
Secretary - Director

ALP:RLS:ig

cc: State Land Office - Santa Fe
U. S. Geological Survey - Roswell

C
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P. O. Box 6721
Roswell, New Mexico

March 30, 1959

Richardson & Bass
Fort Worth National Bank Bldg.,
Fort Worth, Texas

Attention: W. P. Duncan, Jr.

Gentlemen:

Your Plan of Development, dated March 13, 1959, for a six-months period ending September 17, 1959, for the Little Eddy unit area, No. 14-08-001-3464, Lea and Eddy Counties, New Mexico, which proposes the drilling of one Devonian formation well, has been approved on this date subject to like approval by the appropriate State Officials.

Two copies of the plan are being sent to each of the State offices.

One approved copy of the plan is enclosed.

Very truly yours,

(Orig. Sgd.) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Enclosure 1

Copy to: Washington (w/copy of plan)
Artesia
NMOCC, Santa Fe (w/2 cys of plan) ✓
Comm. of Pub. Lands, Santa Fe (w/2 cys of plan)

RICHARDSON & BASS

FORT WORTH NAT'L BANK BLDG.
FORT WORTH, TEXAS

March 13, 1959

RECEIVED
MAR 16 1959
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

Little Eddy Unit

#14-08-001-3464

Lea and Eddy Counties, New Mexico

The Director
United States Geological Survey
Commissioner of Public Lands
New Mexico Conservation Commission

Gentlemen:

In compliance with Section 10 of the Little Eddy Unit Agreement dated June 15, 1956, and approved by the Survey on November 2, 1956, Richardson and Bass, as unit operator, hereby submits for your approval a Plan of Development for the six months period ending September 17, 1959.

History of Past Development - Since the approval of this unit, three deep tests have been drilled in the unit area. Two of these tests, drilled to the Devonian formation, were The Texas Company #1 Muse in Section 7, T-20-S, R-33-E, plugged and abandoned on April 21, 1957, at a total depth of 15,560 feet, and the Shell Oil Company #1 Perry in Section 10, T-20-S, R-32-E, plugged and abandoned on December 31, 1957, at a total depth of 14,367 feet.

The Texas Company #1 Audie Richards in Section 25, T-20-S, R-32-E, was drilled to a total depth of 16,600 feet in the Devonian formation, and was completed in the Pennsylvanian zone from 12,909 feet to 12,917 feet. The Initial Pennsylvanian Participating Area comprising 360.71 acres under the Richards well was approved effective as of first production on March 17, 1958. As of February 28, 1959, the total cumulative production from this well was 349,164 MCF of gas and 10,467 barrels of distillate.

RICHARDSON & BASS

FORT WORTH NAT'L BANK BLDG.

FORT WORTH, TEXAS

The Director
United States Geological Survey
Commissioner of Public Lands
New Mexico Conservation Commission

Page 2

March 13, 1959

Proposed Additional Wells - The drilling of an additional Devonian test within the unit area is proposed for the six months period ending September 17, 1959. This well will be located in the SE/4 of the NE/4 Section 36, T-20-S, R-32-E. The new test is located one-half mile south of the Richards well and is outside the Initial Pennsylvanian Participating Area.

Well Casing Program - The well casing program will include such surface casing and other casing as may be required by the Director, the Commissioner, and the Commission, or as set forth in approvals of the applicable U. S. G. S. and State of New Mexico forms. The producing string of casing may be set and cemented on top of, partially through or completely through the producing zone.

Offset Obligations - Appropriate and adequate measures will be taken to prevent drainage of unitized substances from lands subject to the Little Eddy Unit Agreement, or pursuant to applicable regulations, fair and reasonable compensatory royalty will be paid as provided in Section 18 of said Agreement.

Further Development - This plan of development shall constitute the drilling obligations of the Unit Operator under the terms of the Little Eddy Unit Agreement for the period ending September 17, 1959. Before this plan expires, another plan for further development of the unit area will be submitted.

Modifications - It is understood that this plan of development is dependent upon certain information to be obtained prior to drilling and upon other contingencies such as availability of well casing; therefore, this plan of development may be modified to meet changing conditions or to protect the interest of all parties to this Agreement.

RICHARDSON & BASS
FORT WORTH NAT'L BANK BLDG.
FORT WORTH, TEXAS

The Director
United States Geological Survey
Commissioner of Public Lands
New Mexico Conservation Commission

Page 3

March 13, 1959

Effective Date - This plan of development shall
be effective March 17, 1959.

Dated: March 13, 1959

RICHARDSON AND BASS

By


Howard W. Jennings

BEH:mj

APPROVED this 30 day of March, 1959
Subject to like approval by appropriate state officials.
United States Geological Survey

By

APPROVED this _____ day of _____, 1959

Commissioner of Public Lands

By _____

APPROVED this 2 day of April, 1959

Oil Conservation Commission

By



RICHARDSON & BASS
FT. WORTH NAT'L BANK BLDG.
FORT WORTH, TEXAS

File
1117

January 9, 1959

Mr. A. L. Porter, Jr.
Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

RE: Little Eddy Unit
No. 14-08-001-3464

Dear Mr. Porter:

Enclosed please find photostatic copy of approved participating area in the above captioned unit. You will note that this participating area has been approved by the Commissioner of Public Lands and the United States Geological Survey, in addition to the approval by your office.

Photostatic copies of this approval are being furnished to you inasmuch as we only received one original executed copy.

Yours very truly,

RICHARDSON & BASS


Howard W. Jennings

HWJ/pdf
Enc.



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

DEC 18 1958

Richardson and Bass
Fort Worth National Bank Building
Fort Worth, Texas

Gentlemen:

Your application of September 10, 1958, for the initial 360.71-acre Pennsylvanian participating area under the Little Eddy unit agreement, New Mexico, was approved December 17, 1958, by Arthur A. Baker, Acting Director of the Geological Survey, effective as of March 17, 1958.

Enclosed is one copy of the approved application for your records. It is assumed that you will furnish the State of New Mexico or any other interested principal with whatever evidence of this approval is deemed appropriate.

Very truly yours,

For the Director

Enclosure

RICHARDSON & BASS

FORT WORTH NAT'L BANK BLDG.
FORT WORTH, TEXAS

NOV 28 1958

September 19, 1958

RECEIVED

OCT 28 1958

U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

Re: Little Eddy Unit
#14-00-001-3464

RECEIVED

SEP 22 1958

U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

United States Geological Survey
Commissioner of Public Lands
Oil Conservation Commission

Gentlemen:

Reference is made to the above captioned unit which covers lands located in Eddy and Lea Counties, New Mexico. In accordance with the terms of the Unit Agreement, Richardson & Bass, as unit operator, hereby requests that a participating area be established.

In this connection, we attach hereto as a part of this application a map marked Exhibit "A", which reflects the outline of the unit, together with all of the wells which have been drilled to date. We have shown outlined in red on the map the proposed participating area, and we have also designated the wells which have been dry holes and were plugged and abandoned. We also attach Exhibit "B", which is a schedule of the initial participating area.

In reviewing the producing well on this unit, we submit that the Texas Company #1 Andie Richards was completed March 17, 1956, and through July, 1958, the well has produced a cumulative total of 4,260 barrels of distillate and 120,266,000 cubic feet of gas. As you will recall from our previous correspondence concerning this unit, this well was drilled to a total depth of 16,650 feet and was plugged back to 12,925 feet. The well is producing in the Pennsylvanian formation with a flowing pressure of 2080#.

On June 30, 1958, Mr. A. L. Porter, Jr., Secretary-Director of the Oil Conservation Commission of the State of New Mexico, concurred in our determination that a valuable and commercial discovery of unitized substances has been made on the land within the unit area. Inasmuch as the #1 Richards was drilled on fee land, the concurrence was made by the Oil Conservation Commission.

By letter of July 10, 1958, Mr. John A. Anderson, Regional Oil & Gas Supervisor of the United States Geological Survey, advised that the completion of this well was in accordance with the provisions of Section 9 of the Little Eddy Unit Agreement, placing this unit in a producing status.

ILLEGIBLE

United States Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
September 10, 1958
Page #3

NOV 11 1958

Upon completion of the #1 Audie Richards on March 17, 1958 we ran velocity surveys in this well in order to correlate our seismograph data. We are, at the present time, combining our data with the Texas Company in a thorough seismograph review in an attempt to evaluate the three deep wells which were drilled on this Unit. As unit operator, we hereby respectfully submit that a participating area of nine 40-acre tracts surrounding said well be established in accordance with the terms and provisions of the Little Eddy Unit Agreement, and in order that we may make a further study and correlation of our geological and geophysical data, we request a six months extension for the filing of an acceptable plan of development, providing for further exploration on the unit.

Very truly yours,

RICHARDSON & BASS

Richard H. Jennings

HWJ/dn

APPROVED this 17th day of December, 1958

United States Geological Survey

by *Arthur O. Baker*

Acting Director, U. S. Geological Survey

APPROVED this 16th day of September, 1958

Commissioner of Public Lands

by *W. M. M. M. M.*

APPROVED this 18th day of September, 1958

Oil Conservation Commission

by *A. K. Porter*

ILLEGIBLE

EXHIBIT B
SCHEDULE 1

Initial Participating Area "A" for the Pennsylvania Formation

| Tract No. | Lease No. | Description | No. Acres | Ownership | Committed Percentage | Particip- ation |
|-----------|-----------------------|---|-----------|--|---|----------------------------|
| 125 | A. Richards et al fee | Sec. 25, T20S, R32E Lots 3, 4 sec. 30, T20S, R32E | 240.45 | Texas Co. Argo Leonard Sunshine | .8350 W.I. .02 W.I. .01 W.I. .01 W.I. | All All None None |
| 92 | State Lease R-5231-2 | NE1/4 sec. 36, T20S, R32E Lot 1, sec. 31, T20S, R32E | 30.26 | Audie Richards et al Texas Co. St. of N.M. | Royalty in .1250 Suspense .8750 W.I. .1250 Royalty | None 100% 100% |
| 113 | State Lease R-9343 | NE1/4 sec. 36, T20S, R32E | 40.00 | Texas Co. St. of N.M. | .8750 W.I. .1250 Royalty | 100% 100% |

| | |
|----------------------|----------------|
| TOTAL - Texas Co. | |
| Argo Oil Corp. | .848360 |
| Leonard Oil Co. | .013320 |
| Sunshine Royalty | .006660 |
| State of N. Mexico | .006660 |
| Audie Richards et al | .041675 |
| | <u>.083325</u> |
| | 1.000000 |

Texas Co. #1 Audie Richards
Completed 3-17-58

* This tract in litigation pending outcome of court decision, and proceeds will be held in suspense.

ILLEGIBLE



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Box 6721
Roswell, New Mexico

File
1117

November 24, 1958

Richardson and Bass
Fort Worth National Bank Building
Fort Worth, Texas

Attention: Mr. Howard W. Jennings

Gentlemen:

Your letter-application of September 10, 1958 requests approval of an initial participating Pennsylvanian area and a six-months' extension within which to file a plan of development pursuant to section 10 of the Little Eddy unit agreement, New Mexico No. 14-08-001-3464.

Said application has been transmitted to our Washington office for consideration by the Director with respect to approval of the initial participating area.

Please consider this memorandum as approval by this office of your application insofar as it requests a six-months' extension for the filing of an acceptable plan of development in order to allow more complete correlation of geologic information now available, before attempting further exploratory drilling. Said application was approved by the Commissioner of Public Lands of the State of New Mexico on September 16, 1958, and by the New Mexico Oil Conservation Commission on September 18, 1958.

A plan of development will therefore be required for the Little Eddy unit area on or before March 17, 1959.

Very truly yours,

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Copy to: Washington
Artesia
Oil Cons. Comm., Santa Fe
Comm. of Public Lands, Santa Fe

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

*File
case
1117*

September 17, 1958

Richardson & Bass
Fort Worth National Bank Building
Fort Worth, Texas

Attention: Mr. Howard W. Jennings

Re: Initial Participating Area
Little Eddy Unit Lea And Eddy
Counties, New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Initial Participating Area and six months extension of time in which to file a Plan of Development for the Little Eddy Unit Lea & 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.

Five approved copies of the application are being forwarded to the United States Geological Survey in Roswell.

Very truly yours,

A. L. Porter, Jr.,
Secretary-Director

cc: U. S. Geological Survey
Commissioner of Public Lands

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In reply refer to:
Unit Division

September 16, 1958

C
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Richardson & Bass
Fort Worth National Bank Bldg.
Fort Worth, Texas

Re: Little Eddy Unit
Participating Area

Attention: Mr. Howard W. Jennings

Gentlemen:

The Commissioner of Public Lands has of this date approved your Initial Participating Area for the Little Eddy Unit. This Participating Area establishes nine 40-acre tracts surrounding the No. 1 Audie Richards Well including the forty acres where the well is located. The Commissioner is also approving your request for a six months extension for an acceptable plan of development.

The Texas Company's No. 1 Audie Richards Well, according to information on their C-105, was completed January 8, 1958, the Plan of Development was due six months later or July 20, 1958, therefore, a six months extension would call for the Plan of Development to be filed by January 20, 1959.

We are handing to the New Mexico Oil Conservation Commission six approved copies of the aforementioned applications.

Very truly yours,
MURRAY E. MORGAN
Commissioner of Public Lands

BY:
Ted Bilberry, Supervisor
Oil and Gas Division

MEM/MMR/m

cc:

OCC: Santa Fe

RICHARDSON & BASS

FORT WORTH NAT'L BANK BLDG.

FORT WORTH, TEXAS

September 10, 1938

**United States Geological Survey
Commissioner of Public Lands
Oil Conservation Commission**

**Re: Little Eddy Unit
#14-08-001-3464**

Gentlemen:

Reference is made to the above captioned unit which covers lands located in Eddy and Lea Counties, New Mexico. In accordance with the terms of the Unit Agreement, Richardson & Bass, as unit operator, hereby requests that a participating area be established.

In this connection, we attach hereto as a part of this application a map marked Exhibit "A", which reflects the outline of the unit, together with all of the wells which have been drilled to date. We have shown outlined in red on the map the proposed participating area, and we have also designated the wells which have been dry holes and were plugged and abandoned. We also attach Exhibit "B", which is a schedule of the initial participating area.

In reviewing the producing well on this unit, we submit that the Texas Company #1 Andie Richards was completed March 17, 1938, and through July, 1938, the well has produced a cumulative total of 4,260 barrels of distillate and 120,266,000 cubic feet of gas. As you will recall from our previous correspondence concerning this unit, this well was drilled to a total depth of 16,639 feet and was plugged back to 12,925 feet. The well is producing in the Pennsylvanian formation with a flowing pressure of 2030#.

On June 30, 1938, Mr. A. L. Porter, Jr., Secretary-Director of the Oil Conservation Commission of the State of New Mexico, concurred in our determination that a valuable and commercial discovery of unitized substances has been made on the land within the unit area. Inasmuch as the #1 Richards was drilled on fee land, the concurrence was made by the Oil Conservation Commission.

By letter of July 10, 1938, Mr. John A. Anderson, Regional Oil & Gas Supervisor of the United States Geological Survey, advised that the completion of this well was in accordance with the provisions of Section 9 of the Little Eddy Unit Agreement, placing this unit in a producing status.

United States Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
September 10, 1958
Page #2

Upon completion of the #1 Audie Richards on March 17, 1958 we ran velocity surveys in this well in order to correlate our seismograph data. We are, at the present time, combining our data with the Texas Company in a thorough seismograph review in an attempt to evaluate the three deep wells which were drilled on this Unit. As unit operator, we hereby respectfully submit that a participating area of nine 40-acre tracts surrounding said well be established in accordance with the terms and provisions of the Little Eddy Unit Agreement, and in order that we may make a further study and correlation of our geological and geophysical data, we request a six months extension for the filing of an acceptable plan of development, providing for further exploration on the unit.

Very truly yours,

RICHARDSON & BASS

By Harold H. Jones

HWJ/dn

APPROVED this _____ day of _____, 1958

United States Geological Survey

By _____

APPROVED this 16th day of September, 1958

Commissioner of Public Lands

By W. M. Morgan

APPROVED this 18th day of September, 1958

Oil Conservation Commission

By G. H. Carter



IN REPLY REFER TO:

MAIN OFFICE OCC UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

1958 JUL 14 AM 8:45

P. O. Box 6721
Roswell, New Mexico

July 10, 1958
File Case 1117

Richardson & Bass
Fort Worth National Bank Building
Fort Worth, Texas

Gentlemen:

Reference is made to your letters of May 22, June 13 and July 3, 1958, regarding the discovery of gas and condensate in your Little Eddy unit well Audie Richards No. 1, drilled on privately-owned land in the SE¼ sec. 25, T. 20 S., R. 32 E., Eddy County, New Mexico. On June 30, 1958, the Oil Conservation Commission, State of New Mexico, concurred in the determination made in the above mentioned letters of May 22 and June 13 that a valuable and commercial discovery of unitised substances has been made in such well.

Completion of the gas and condensate well in accordance with the provisions of Section 9, "Drilling to Discovery," of the Little Eddy unit agreement places the unit in producing status. Accordingly, Federal leases committed to the Little Eddy unit agreement will be extended for the life of said agreement, pursuant to Section 17(b) of the Mineral Leasing Act and as provided in Section 19(a) of the unit agreement.

An acceptable plan of development providing for further exploration of the unit area should be filed within six months from the date of completion of the discovery well. In addition, an application for approval of a participating area should be filed at or before such time.

Very truly yours,

(Orig. Sgd.) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Copy to: Cons. Div., Wash. (w/cy of determination ltrs-
O.C.G. approved cys)
O.C.G., Santa Fe (w/cy of determination ltrs) ✓
Comm. Public Lands, Santa Fe (w/cy of determination ltrs)
Artesia (w/cy of determination ltrs)
File

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

June 30, 1958

**Richardson & Bass
1211 Fort Worth National Bank Bldg.
Fort Worth, Texas**

ATTENTION: Howard Jennings

Gentlemen:

Reference is made to your letter applications of May 22, 1958, and June 13, 1958, wherein you have made the determination that a valuable and commercial discovery of unitized substances has been made by the completion of the No. 1 Richards on the Little Eddy Unit, New Mexico No. 14-08-001-3464.

On the basis of the available information, the Oil Conservation Commission concurs in your determination that a valuable and commercial discovery of unitized substances has been made on land within the unit area. Please be reminded that Section 10 of the unit agreement requires that within six months after completion of a well capable of producing unitized substances in paying quantities, the unit operator shall submit an acceptable plan of development and operation for the unitized area.

Very truly yours,

**A. L. Porter, Jr.
Secretary - Director**

**bp
Encls.**

**CC-John Anderson, USGS
State Land Office**

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Y

RICHARDSON & BASS

FORT WORTH NAT'L BANK BLDG.

FORT WORTH, TEXAS

MAIN OFFICE OCC
June 13, 1958

1958 JUL 14 AM 8:45

File
1117
RECEIVED

JUL 7 - 1958

U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

The Director
United States Geological Survey
Commissioner of Public Lands
New Mexico Conservation Commission

Re: Little Eddy Unit
No. 14-08-001-3464

Gentlemen:

Reference is made to our letter of May 22, 1958, in which we requested a determination that a valuable and commercial discovery of unitized substances had been made on the above captioned unit.

In further support of our letter, we set forth below the production figures on the No. 1 Andie Richards:

| | | |
|-------|------------|--------------------------|
| March | 9,345 MCF | 349 barrels distillate |
| April | 13,157 MCF | 502 barrels distillate |
| May | 40,130 MCF | 1,390 barrels distillate |

In commenting on the above production figures, it should be recalled that the well was first placed on partial production effective March 17, 1958, and due to pipe line difficulties the well was only produced intermittently. During the month of April, the well was produced only eleven days; while during the month of May, the final difficulties were overcome.

The Southern Union Gas Company is buying the gas, paying 10.75 cents per MCF, while the distillate is bringing \$3.07 less 20¢ for trucking, less 5¢ for gathering. On the basis of the May production, the well produced \$4,313.00 on gas sales and \$3,919.80 for distillate sales, or for a total of \$8,232.80. As was previously pointed out, the initial flowing pressure on this well was 2325#, and on a test made June 4, 1958, the flowing pressure was 2100#.

The performance of this well has been extremely gratifying, and the pipe line difficulties have been overcome by selling the distillate to the Texas-New Mexico Pipe Line Company, and a 3½" gas line 29,000' long was connected to Southern Union Gas Company. The cost of this line alone was \$37,000.00, and we feel that such an expenditure was warranted on the basis of present income from the well.

Please consider this letter as a formal application,
and Richardson & Bass, as unit operator, feel that in their opinion
a valuable and commercial discovery has been made in accordance
with Section 19 E of the Little Eddy Unit agreement concerning
lease extensions.

Very truly yours,

RICHARDSON & BASS

By 

Approved: June 30, 1958

/s/ A. L. Porter, Jr.
Secretary-Director

NEW MEXICO OIL CONSERVATION COMMISSION

RICHARDSON & BASS

FORT WORTH NAT'L BANK BLDG.

FORT WORTH, TEXAS

MAIN OFFICE OCC

May 22, 1958 JUL 14 AM 8:45

JUL 7 - 1958
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

The Director
United States Geological Survey
Commissioner of Public Lands
New Mexico Conservation Commission

Re: Littly Eddy Unit
No. 14-08-001-3464

Gentlemen:

Richardson and Bass, unit operator for the above captioned unit area hereby requests a determination that a valuable and commercial discovery of unitisation substances has been made on land within the unit area and in support of this application, respectfully state.

Said unit area was approved by the Acting Director of the United States Geological Survey and the New Mexico Oil Conservation Commission effective November 2, 1956. Since the approval of this unit, three deep tests have been drilled in the unit area. Two of these Devonian tests, the Texas Company No. 1 Muse in Section 7, Township 20 South, Range 33 East, was plugged and abandoned and the Shell Oil Company No. 1 Perry in Section 10, Township 20 South, Range 32 East, was also drilled to the Devonian formation and proved to be a dry hole also.

The Texas Company No. 1 Audie Richards in Section 25, Township 20 South, Range 33 East, was drilled to a total depth of 16,600 feet and was completed at a plugged back depth of 12,925 feet. This well was placed on production effective March 17, 1958, and is presently producing 72 barrels of 47.8 gravity distillate per day plus 1,266 mcf per day through a 12/64 inch choke with a flowing pressure of 2325#. The shut in pressure on the well is 4300# and as soon as pipeline difficulties are overcome, we anticipate the monthly production of 1700 barrels of distillate and 45,000 mcf.

A market is available for the sale of the gas and distillate and the calculated open flow of the well is in excess of 2,000 mcf per day. The flowing pressure of this well has been extremely steady and has actually increased since the first test of the well. First actual

production test before the well was completed was on January 17, 1958, when the well flowed on a 24 hour test having a tubing pressure of 1681# while the pressure at the present time is in excess of 2300#. The well has been producing at the present time approximately two months.

This well is completed in the Pennsylvanian formation with the top of the pay at 12,909 feet and the tubing set at 12,908 feet.

On the basis of the available information Richardson and Bass, as unit operator, advise that in their opinion a valuable and commercial discovery has been made and that in accordance with the applicable provisions of Section 19E of the Unit Agreement concerning lease extensions, it is requested that all leases within said unit area be extended beyond their terms and for the term of said unit agreement.

Very truly yours,

RICHARDSON AND BASS

BY: 

Approved: June 30, 1958

/s/ A. L. Porter, Jr.
Secretary-Director

NEW MEXICO OIL CONSERVATION COMMISSION

MAIN OFFICE OCC

DEC 15 AM 8:16

In reply refer to:
Unit Division

December 15, 1958

File
1117

C
O
P
Y

The Texas Company
Midland, Texas

Re: Little Eddy Unit
Lea and Eddy Counties,
New Mexico

ATTENTION: Mr. John H. Clark

Gentlemen:

Reference is made to your letter of December 2, 1958 in regard to the completion date of your Audie Richards No. 1 Well.

We believe the only effect of changing our date from the completion date of January 20, 1958 to March 17, 1958 would be to delay the date the Plan of Development would be due. Therefore, we will change our records to reflect the completion date as March 17, 1958.

I would point out, however, that under the terms of a unit the completion date of a well for most purposes is at such time as a well is completed capable of producing in paying quantities and would not be at such time as a pipeline is completed, which is true for an allowable and other such purposes.

Very truly yours,
MURRAY E. MORGAN
Commissioner of Public Lands

BY:
Ted Bilberry, Supervisor
Oil and Gas Division

MEM/MMR/m

RICHARDSON & BASS

FORT WORTH NAT'L BANK BLDG.

FORT WORTH, TEXAS

June 13, 1958

The Director
United States Geological Survey
Commissioner of Public Lands
New Mexico Conservation Commission

Re: Little Eddy Unit
No. 14-08-001-3464

Gentlemen:

Reference is made to our letter of May 22, 1958, in which we requested a determination that a valuable and commercial discovery of unitized substances had been made on the above captioned unit.

In further support of our letter, we set forth below the production figures on the No. 1 Audie Richards:

| | | |
|-------|------------|--------------------------|
| March | 9,345 MCF | 349 barrels distillate |
| April | 13,157 MCF | 502 barrels distillate |
| May | 40,130 MCF | 1,390 barrels distillate |

In commenting on the above production figures, it should be recalled that the well was first placed on partial production effective March 17, 1958, and due to pipe line difficulties the well was only produced intermittently. During the month of April, the well was produced only eleven days; while during the month of May, the final difficulties were overcome.

The Southern Union Gas Company is buying the gas, paying 10.75 cents per MCF, while the distillate is bringing \$3.07 less 20¢ for trucking, less 5¢ for gathering. On the basis of the May production, the well produced \$4,313.00 on gas sales and \$3,919.80 for distillate sales, or for a total of \$8,232.80. As was previously pointed out, the initial flowing pressure on this well was 2325#, and on a test made June 4, 1958, the flowing pressure was 2100#.

The performance of this well has been extremely gratifying, and the pipe line difficulties have been overcome by selling the distillate to the Texas-New Mexico Pipe Line Company, and a 3½" gas line 29,000' long was connected to Southern Union Gas Company. The cost of this line alone was \$37,000.00, and we feel that such an expenditure was warranted on the basis of present income from the well.

RICHARDSON & BASS

FORT WORTH NAT'L BANK BLDG.

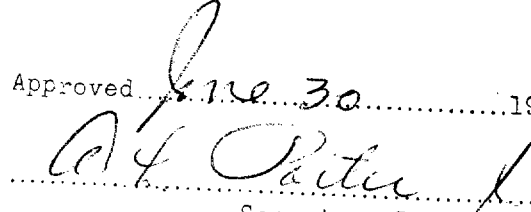
FORT WORTH, TEXAS

Please consider this letter as a formal application, and Richardson & Bass, as unit operator, feel that in their opinion a valuable and commercial discovery has been made in accordance with Section 19 E of the Little Eddy Unit agreement concerning lease extensions.

Very truly yours,

RICHARDSON & BASS

By 

Approved  June 30 1948

Secretary-Director

NEW MEXICO OIL CONSERVATION COMMISSION

RICHARDSON & BASS
FORT WORTH NAT'L BANK BLDG.
FORT WORTH, TEXAS

May 22, 1958

RECEIVED

MAY 23 1958

U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

The Director
United States Geological Survey
Commissioner of Public Lands
New Mexico Conservation Commission

Re: Little Eddy Unit
No. 14-08-001-3464

Gentlemen:

Richardson and Bass, unit operator for the above captioned unit area hereby requests a determination that a valuable and commercial discovery of unitization substances has been made on land within the unit area and in support of this application, respectfully state.

Said unit area was approved by the Acting Director of the United States Geological Survey and the New Mexico Oil Conservation Commission effective November 2, 1956. Since the approval of this unit, three deep tests have been drilled in the unit area. Two of these Devonian tests, the Texas Company No. 1 Muse in Section 7, Township 20 South, Range 33 East, was plugged and abandoned and the Shell Oil Company No. 1 Perry in Section 10, Township 20 South, Range 32 East, was also drilled to the Devonian formation and proved to be a dry hole also.

The Texas Company No. 1 Audie Richards in Section 25, Township 20 South, Range 32 East, was drilled to a total depth of 16,600 feet and was completed at a plugged back depth of 12,925 feet. This well was placed on production effective March 17, 1958, and is presently producing 72 barrels of 47.8 gravity distillate per day plus 1,266 mcf per day through a 12/64 inch choke with a flowing pressure of 3325#. The shut in pressure on the well is 4300# and as soon as pipeline difficulties are overcome, we anticipate the monthly production of 1700 barrels of distillate and 45,000 mcf.

A market is available for the sale of the gas and distillate and the calculated open flow of the well is in excess of 2,000 mcf per day. The flowing pressure of this well has been extremely steady and has actually increased since the first test of the well. First actual

production test before the well was completed was on January 17, 1958, when the well flowed on a 24 hour test having a tubing pressure of 1881# while the pressure at the present time is in excess of 2300#. The well has been producing at the present time approximately two months.

This well is completed in the Pennsylvanian formation with the top of the pay at 12,909 feet and the tubing set at 12,908 feet.

On the basis of the available information Richardson and Bass, as unit operator, advise that in their opinion a valuable and commercial discovery has been made and that in accordance with the applicable provisions of Section 19E of the Unit Agreement concerning lease extensions, it is requested that all leases within said unit area be extended beyond their terms and for the term of said unit agreement.

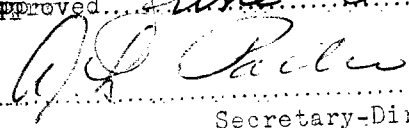
Very truly yours,

RICHARDSON AND BASS

BY: 

Approved.....

June 30, 1958



Secretary-Director.

NEW MEXICO OIL CONSERVATION COMMISSION

RICHARDSON & BASS
FORT WORTH NAT'L BANK BLDG.
FORT WORTH, TEXAS

May 22, 1958

RECEIVED

MAY 23 1958

U. S. GEOLOGICAL SURVEY
ROSWell, NEW MEXICO

The Director
United States Geological Survey
Commissioner of Public Lands
New Mexico Conservation Commission

Re: Little Eddy Unit
No. 14-08-001-3464

Gentlemen:

Richardson and Bass, unit operator for the above captioned unit area hereby requests a determination that a valuable and commercial discovery of unitization substances has been made on land within the unit area and in support of this application, respectfully state.

Said unit area was approved by the Acting Director of the United States Geological Survey and the New Mexico Oil Conservation Commission effective November 2, 1956. Since the approval of this unit, three deep tests have been drilled in the unit area. Two of these Devonian tests, the Texas Company No. 1 Muse in Section 7, Township 20 South, Range 33 East, was plugged and abandoned and the Shell Oil Company No. 1 Perry in Section 10, Township 20 South, Range 32 East, was also drilled to the Devonian formation and proved to be a dry hole also.

The Texas Company No. 1 Andie Richards in Section 25, Township 20 South, Range 32 East, was drilled to a total depth of 18,600 feet and was completed at a plugged back depth of 12,925 feet. This well was placed on production effective March 17, 1958, and is presently producing 72 barrels of 47.8 gravity distillate per day plus 1,266 mcf per day through a 12/64 inch choke with a flowing pressure of 2325#. The shut in pressure on the well is 4300# and as soon as pipeline difficulties are overcome, we anticipate the monthly production of 1700 barrels of distillate and 45,000 mcf.

A market is available for the sale of the gas and distillate and the calculated open flow of the well is in excess of 2,000 mcf per day. The flowing pressure of this well has been extremely steady and has actually increased since the first test of the well. First actual

RICHARDSON & BASS
NORTH NAT'L BANK BLDG.
FORT WORTH, TEXAS

production test before the well was completed was on January 17, 1958, when the well flowed on a 24 hour test having a tubing pressure of 1681# while the pressure at the present time is in excess of 2300#. The well has been producing at the present time approximately two months.

This well is completed in the Pennsylvanian formation with the top of the pay at 12,909 feet and the tubing set at 12,908 feet.

On the basis of the available information Richardson and Bass, as unit operator, advise that in their opinion a valuable and commercial discovery has been made and that in accordance with the applicable provisions of Section 19E of the Unit Agreement concerning lease extensions, it is requested that all leases within said unit area be extended beyond their terms and for the term of said unit agreement.

Very truly yours,

RICHARDSON AND BASS

BY: *Samuel H. Bass*

Approved *June 30, 1958*

W. J. Carter
Secretary-Director

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED
MAR 11 1958

In reply refer to:
Unit Division

March 4, 1958

File
1117

The Texas Company
P. O. Box 1270
Midland, Texas

Re: Little Eddy Unit

Audie Richards Well No 1
SE/4SE/4 Sec. 25-203-32E

Attention: Asst. Dist. Superintendent

Gentlemen:

In reference to your letter of February 20, 1958 in reply to ours of February 10, 1958.

We have checked the Oil Conservation Commission files for progress reports on the above designated well and find their last report was received July 24, 1957.

It is necessary that this office be furnished complete reports on all wells drilled on units, even though, they are not on State land. We must insist that you immediately furnish this office with up to date reports.

Since this well was spudded November 29, 1956 and completed January 8, 1958, it would appear we should have some information other than the C-101 which was sent in February 25, 1958, upon request.

Very truly yours,

MURRAY E. MORGAN,
Commissioner of Public Lands

BY:

Ted Bilberry, Supervisor
Oil and Gas Division

MEM/MER/s
cc:

Howard W. Jennings
P. O. Box 450
Roswell, New Mexico

Oil Conservation Commission

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

October 15, 1979

C
O
P
Y

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

Attention: Jens Hansen

Re: Case No. 1117
Little Eddy Unit
Amended 1979 Plan
of Development

Gentlemen:

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

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

Yours very truly,

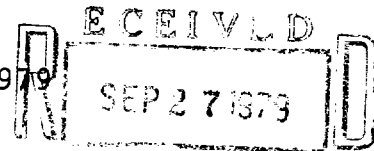
JOE D. RAMEY
Director

JDR/EP/fd
enc.

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

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

September 24, 1979



United States Geological Survey
P. O. Box 26124
Albuquerque, New Mexico 87125

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

OIL CONSERVATION DIVISION
SANTA FE

1117
OK
10/5/79
EJF

Re: Amended 1979 Plan of
Development for the
Little Eddy Unit
Eddy & Lea Cos., New Mexico

Gentlemen:

Under letter dated July 24, 1979, we submitted our Plan of Development for 1979 for the Little Eddy Unit. In that letter, we proposed the drilling of the C. A. Loomis Federal #1 Well to be located 1980' FNL & 1980' FEL, Section 5, T21S-R32E, Lea County, New Mexico, with same to be drilled to a depth of 13,665' or a depth sufficient in which to test the Morrow formation. Due to changing conditions, the well location has been moved from the above-stated location to a location at 660' FWL & 1640' FNL, Section 5, T21S-R32E, Lea County, New Mexico, which is an unorthodox location which will require a hearing for approval.

Therefore, we are requesting your approval of the above-stated amendment to the 1979 Plan of Development and accordingly, if this amended 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,

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

Jens Hansen
Division Landman

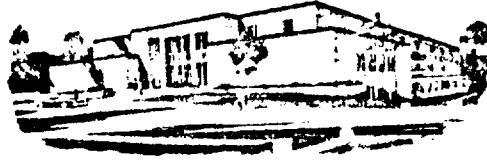
JH:vm

Agreed to and accepted this 15th day of October, 1979.

Signed by: A handwritten signature in cursive script, appearing to read "Jim Greve".

cc: Jim Greve

State of New Mexico



Commissioner of Public Lands

August 3, 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

1117

Re: Amended 1979 Plan of Development
Little Eddy Unit
Eddy and Lea Counties, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your Amended 1979 Plan of Development for the Little Eddy Unit, Eddy and Lea Counties, New Mexico. Such plan proposes the drilling of the C.A. Loomis Federal # 1 Well located 1980' FNL and 1980' FEL in Section 5, Township 21 South, Range 32 East, Lea County, New Mexico. 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



United States Department of the Interior

GEOLOGICAL SURVEY
P. O. Box 26124
Albuquerque, New Mexico 87125

AUG 10 1979

1117
Bass Enterprises Production Co.
Fort Worth National Bank Building
Fort Worth, Texas 76102

Gentlemen:

The 1979 plan of development submitted for the Little Eddy unit area, Eddy and Lea Counties, New Mexico, was approved on this date subject to like approval by the appropriate State officials.

Such plan proposes to drill a Morrow test in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ section 5, T. 21 S., R. 32 E., N.M.P.M.

One approved copy is enclosed.

Sincerely yours,

(ORIG. SGD.) JACK WILLOCK

Jack Willock
Acting Oil and Gas Supervisor, SRMA

Enclosure

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

1117
AUG 10 1979
U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO 87125

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

August 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. 1117
Little Eddy Unit
Amended 1979 Plan of
Development

Gentlemen:

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

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

Yours very truly,

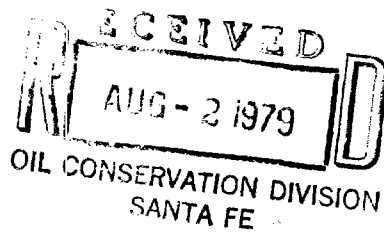
JOE D. RAMEY
Director

JDR/EP/fd
enc.

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

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

July 24, 1979



117

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

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

*Approved
Aug 20, 1979
EJP*

Re: Amended 1979 Plan of Development
Little Eddy Unit
Eddy and Lea Counties, New Mexico

Gentlemen:

Under agreement dated October 18, 1967, the Little Eddy Unit was contracted to cover only those lands within approved participating areas thereby eliminating approximately 52,357 acres from the unit area. The effective date of the contraction was August 2, 1967.

By letter dated March 30, 1979, the United States Geological Survey advised Bass, Unit Operator, that certain lands within the approved participating area assigned to the Texaco #1 CM State Well were being drained by the Grace Petroleum Corp. #1 Well located in Lot 11 of Section 5, Township 21 South, Range 32 East, Lea County, New Mexico. Since Texaco is the operator of the #1 CM State Well and all lands within the approved participating area assigned thereto, the March 30th letter was forwarded to Texaco for further handling.

We have been advised by Texaco that they plan to drill the C. A. Loomis Federal #1 Well at a location of 1980' FNL and 1980' FEL in Section 5, Township 21 South, Range 32 East, Lea County, New Mexico, and to drill same to a depth of 13,665' or to a depth sufficient to test the Morrow formation.

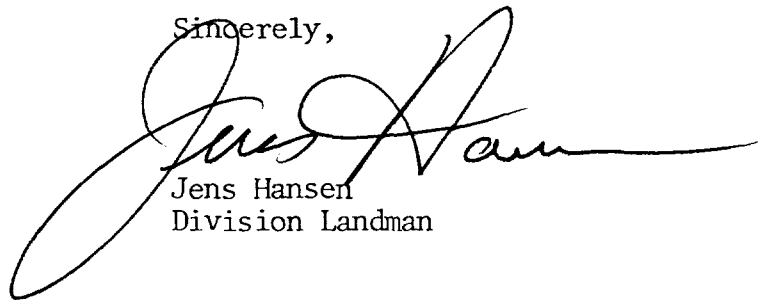
Page 2
July 23, 1979

Therefore, in accordance with Section 10 of the Little Eddy Unit Agreement which provides for Plans of Development, the above described well is hereby submitted for your approval.

In the event Texaco should change their plans relative to the drilling of this well, we will advise accordingly with an amended Plan of Development.

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,



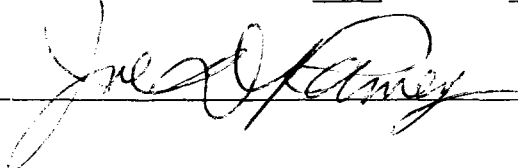
Jens Hansen
Division Landman

JH/ma

cc: Texaco, Inc.
P. O. Box 3109
Midland, Texas 79701

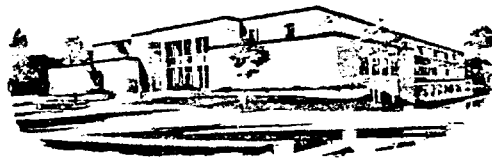
Agreed to and accepted this 21st day of August, 1979

Signed: _____



#1117

State of New Mexico



W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

January 21, 1987

Bass Enterprises Production Company
ATTENTION: Mr. Jens Hansen
3100 First City Bank Tower, 201 Main St.
Fort Worth, Texas 76102

Re: 1987 Plan of Development Little Eddy
Unit, Eddy & Lea Counties, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved your 1987 Plan of Development for the Little Eddy Unit Area, Eddy and Lea Counties, New Mexico. Such plan advises that no additional wells are planned for drilling within the approved participating areas for the calendar year 1987.

A further review of the Little Eddy Unit Agreement, reflects that Bass Enterprises Production Company (formerly Perry R. Bass) is still the current Unit Operator. Our records also indicate that Texaco, Incorporated is reporting production from this unit. Please submit a Designation of Agent document, designating Texaco, Inc. as operator of these wells.

Also, please be advised that in future Plans of Development requiring the Commissioner approval, we will require an up-to-date map of the unit area showing all wells and their zone(s) of completion. In addition please furnish a summary for each well by months, of the last years production history.

Our approval is conditioned upon subsequent favorable approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files. If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS
BY: *Floyd O. Prado*
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP/pm
encls.

cc: OCD-Santa Fe, New Mexico

BLM-Roswell, New Mexico Attn: Mr. Armando Lopez

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER

201 MAIN ST.

FORT WORTH, TEXAS 76102

817/390-8400

January 20, 1987

BUREAU OF LAND MANAGEMENT
P. O. Box 1397
Roswell, New Mexico 88201
Attention: Mr. Joe Lara

COMMISSIONER OF PUBLIC LANDS
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Attention: Mr. Floyd Prando

NEW MEXICO OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501
Attention: Acting Commissioner

RE: 1987 Plan of Development
Little Eddy Unit
Eddy and Lea Counties, New Mexico

Gentlemen:

In accordance with Section 10 of the Little Eddy Unit Agreement dated June 15, 1956, Bass Enterprises Production Co., operator of the referenced unit, hereby submits a Plan of Development for the Little Eddy Unit for the year 1987.

History of Past Development

Pursuant to Provision 2.E. of the Little Eddy Unit Agreement (automatic elimination), effective August 2, 1967, 52,357.15 acres was eliminated from the original 54,054.10 acres to leave 1,868.95 acres in participating areas for wells drilled and completed under the terms and provisions of the unit and unit operating agreement.

Under letter dated March 30, 1979, from Mr. Gene F. Daniel, Oil and Gas Supervisor of the Geological Survey of the United States Department of Interior, Perry R. Bass was requested to submit plans to the United States Geological Survey to protect Lots 1 through 8 of Section 5, T21S-R32E, Lea County, New Mexico from drainage from offsetting wells, notwithstanding Lots 1-8 of Section 5 are located within a participating area for the Texaco #1 "CM" Well. In order to protect the unit area from drainage, Bass Enterprises Production Co. commenced the drilling of the C. A. Loomis Federal No. 1 Well on November 14, 1980, and completed the well on February 16, 1981, as a gas well in the Morrow formation. Upon depletion of the Morrow formation, the well was recompleted on October 28, 1983, in the Atoka formation as a gas well with producing intervals being 13,017' through 13,028'. As of this date the well is still producing gas from the Atoka formation.

Bureau of Land Management
Commissioner of Public Lands
New Mexico Oil Conservation Division
January 20, 1987
Page 2

Under letter dated October 8, 1981, Mr. Gene F. Daniels, of the Geological Survey of the United States Department of the Interior, advised Bass Enterprises Production Co. that the drilling and completion of the C. A. Loomis Federal No. 1 adequately protected the unit from drainage and no compensatory royalty was required. No additional drilling operations have been conducted in the Little Eddy Unit since the completion of the C. A. Loomis Federal No. 1 Well.

Future Development

No additional wells are planned for drilling within the approved participating areas for the Little Eddy Unit during the calendar year 1987.

Offset Obligations

Appropriate and adequate measures will be taken to prevent drainage from unitized substances from the lands subject to the Little Eddy Unit Agreement or pursuant to applicable regulations.

Additional Development

This Plan of Development will constitute the activity to be conducted under the terms of the Little Eddy Unit Agreement for the period ending December 31, 1987.

Modifications

In accordance with the terms and provisions of the Little Eddy Unit Agreement, this Plan of Development may be modified from time to time as a result of changing conditions.

Effective Date

This Plan of Development shall be effective from January 1, 1987 to December 31, 1987.

If this Plan of Development meets with your approval please so indicate by signing in the appropriate space provided below and return one (1) signed signature letter to Bass for its records.

Sincerely,


JENS HANSEN
Division Landman

JH:jh

Bureau of Land Management
Commissioner of Public Lands
New Mexico Oil Conservation Division
January 20, 1987
Page 3

BUREAU OF LAND MANAGEMENT

By _____

COMMISSIONER OF PUBLIC LANDS

By _____

NEW MEXICO OIL CONSERVATION DIVISION

By *Roy E. Johnson* 1-28-87

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



April 13, 1987

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE NEW MEXICO 87501
(505) 827-5800

Bass Enterprises Production Co.
201 Main St.
First City Bank Tower
Fort Worth, Texas 76102

Attention: Louis W. Wilpitz

Re: Non-Commercial Determination
C. A. Loomis Federal No. 1
Little Eddy Unit
Salt Lake, South (Atoka) Field
Lea County, New Mexico

Gentlemen:

The above-referenced submittal has been approved by the New Mexico Oil Conservation Division effective this date. Such approval is contingent upon like approval by the New Mexico Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,

ROY E. JOHNSON,
Senior Petroleum Geologist

REJ/dr

cc: Commissioner of Public Lands - Santa Fe
Bureau of Land Management - Albuquerque

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER
201 MAIN ST.
FORT WORTH, TEXAS 76102
817/390-8400

March 25, 1987

MAR 30 1987

BUREAU OF LAND MANAGEMENT
P. O. Box 1397
Roswell, New Mexico 88201
Attention: Mr. Les Babyak

COMMISSIONER OF PUBLIC LANDS
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Attention: Mr. Floyd Prando

NEW MEXICO OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501-2088
Attention: Mr. Richard Stamets

N NON

RE: Commercial Determination
C. A. Loomis Federal No. 1
Bass Lease Nos. 3929-A - U.S.A. New
Mexico N.M.-04229-C
3929-B - U.S.A. New Mexico N.M.-
04229-B
28630 - U.S.A. New Mexico N.M.-01236
Little Eddy Unit
Salt Lake, South (Atoka) Field
Lea County, New Mexico

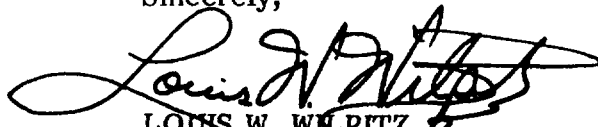
Gentlemen:

In accordance with Section 11 of the Little Eddy Unit Agreement dated June 15, 1956, approved effective November 2, 1956, (contract number 14-08-001-3464), we hereby submit information covering the C. A. Loomis Federal No. 1 Well, located 1600 feet from the north line and 660 feet from the west line of Section 5, T21S-R32E, Lea County, New Mexico, to support our recommendation that the C. A. Loomis Federal No. 1 Well be determined to be non-commercial, and thereby not receive a participating area.

Please advise Bass of your findings regarding this commercial determination at your convenience.

Should you have any questions or need any additional information, please feel free to contact me at (817) 390-8585.

Sincerely,


LOUIS W. WILPITZ
Landman

LWW:jh

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL C. A. LOOMIS FEDERAL NO. 1 FORMATION ATOKA

LOCATION E UNIT, 1600 FEET FROM N LINE & 660 FEET FROM W LINE,
SECTION 5, RANGE 32E, TOWNSHIP 21S, COUNTY LEA NEW MEXICO.

SPUD DATE 11/14/80 COMPLETION DATE 10/28/83 INIT. PROD. DATE 2/6/84

PERFORATIONS 13,017', 13,018', 13,019', 13,020', 13,021', 13,022', 13,023',
13,024', 13,025', 13,026', 13,027' (11 HOLES)

STIMULATION:

ACID 3000 GALS 7-1/2% MS ACID

FRACTURE

POTENTIAL CAOF 646 MCFGPD

(ATTACH COPY OF C-104. ATTACH COPY OF WELLBORE SKETCH OF COMPLETED WELL.)

VOLUMETRIC CALCULATION

| | SANDS PERFORATED | FORMATION SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE |
|--|---------------------|---|
| Area (A) proration unit size, acres | 320 | NONE |
| *Porosity (\emptyset), % | 6.75 | NONE |
| *Water saturation (S_w), % | 30.2 | NONE |
| *Net thickness (h) > 5% \emptyset & < 45% S_w , ft | 8 | NONE |
| *Temperature (T), °F | 203 | NONE |
| *See attached calculations | | |

(2)

| | | |
|---|------------------|-------------|
| Bottomhole pressure (P), psia @ 13,022' mid-perf | <u>8210 psi</u> | <u>NONE</u> |
| Recovery factor (RF), (80% assumed) | <u>80%</u> | <u>NONE</u> |
| Recoverable gas, MCF (See eq. below) | <u>1,458,500</u> | <u>NONE</u> |
| Recoverable Gas, MCF = (43,560)(Ø)(1-Sw)(A)(h)(RF)(Bgi) | | where |

$$Bgi = 0.03535 \frac{P}{ZT} \frac{MSCF}{Cu Ft} = 0.03535 \frac{(8210)}{(1.26)(203 + 460)}$$

PERFORMANCE DATA

If sufficient history exists, attach plot of gas production rate vs time.

(Cumulative production to 12 / 31 / 86 ; 182,184 MCF.

Current rate (qi), 6,500 MCF/mo

Economic limit (ql), 466 MCF/mo

Decline rate, dy 20 %

Remaining gas (Q) = 324,491 MCF

Ultimate Recoverable Gas 506,675 MCF

$$Q = \frac{(qi - ql) 12 \text{ mo/yr}}{-\ln(1 - dy)}$$

Attach plat showing proration unit and participating area.

| <u>RECOVERABLE GAS</u> | <u>GAS (MCF)</u> | <u>COND (BBLS)</u> |
|--|--------------------|--------------------|
| Gas sand previously produced | <u>0</u> | <u>0</u> |
| Sand perforated | <u>506,675 (1)</u> | <u>8730</u> |
| Sands not perforated, but potentially productive | <u>0 (2)</u> | <u>0</u> |
| Total recoverable gas | <u>506,675</u> | <u>8730</u> |

(1) performance recoverable gas if available

(2) $\frac{\text{performance sand perforated}}{\text{volumetric sand perforated}} \times \frac{\text{volumetric sands not perforated}}{\text{performance sands not perforated}}$

Participating area size based on ratio of production history and volumetrics

320 acres---minimum area is proration unit.

(3)

ECONOMIC

*Well Cost \$ 1,243,055 (to the depth of formation completed)

Recompletion Cost \$ 115,000

TOTAL COST \$ 1,358,055 X .9688886 WI = \$1,315,804

(Gas Price)(Net Revenue Interest)(1-Ad Valorem Taxes) - Production Tax + [(Oil Price)(Net Revenue Interest)(Cond. Yield, bbl/MCFG)(1 -Production and Ad Valorem Taxes)] - [(Oil Price - Base Price) WFPT %] NRI

Net Gas Price = Gas Price (.845)(1-0.1) + (16+(33-16).7)(0.845)(1-.1)(Cond. Yield, bbls/MCF)

**Operating Cost \$1136/Month

BEPCO Net Income = (Gross Gas)(Net Gas Price)

| YEAR | GROSS GAS | BEPCO NET INCOME | OPERATING COST | 20% DISCOUNT FACTOR | DISCOUNTED CASH FLOW |
|-------------------|-----------|---------------------|-------------------|------------------------|-------------------------|
| Zero | --- | --- | --- | 1.0000 | -1,315,804 |
| 1984 | 102,596 | 274,957 | 14,274 | 0.9129 | 237,978 |
| 1985 | 62,409 | 157,895 | 7,751 | 0.7607 | 114,214 |
| 1986 | 17,179 | 41,917 | 7,630 | 0.6339 | 21,735 |
| 1987 | 69,914 | 117,456 | 8,100 | 0.5283 | 57,773 |
| 1988 | 55,931 | 136,472 | 8,575 | 0.4402 | 56,300 |
| Remainder 198,646 | | 484,696 | 50,028 | 0.3669 | 159,480 |
| | | | | | -668,324 |

If payout is five years or less, well is considered economical.

(BEPCO Net Income - Operating Expense) discount factor = discounted cash flow.

* Includes 11% of drilling cost as overhead.

** Includes \$500/month as overhead.

UNECONOMICAL

C. A. LOOMIS FEDERAL NO. 1
PERFORATED SANDS

| INTERVALS | h | ØD | ØN | ØXP | Øh |
|-------------|----------|----|----|----------|-----------|
| 13,017'-20' | 3 | 11 | 4 | 8 | 24 |
| * 20'-22' | 2 | 6 | 3 | 4 | * |
| 22'-27' | <u>5</u> | 10 | 2 | 6 | <u>30</u> |
| TOTAL h | 8 | | | TOTAL Øh | 54 |

$$\text{AVERAGE } \emptyset = \frac{\text{TOTAL } \emptyset h}{\text{TOTAL } h} = \frac{54}{8} = 6.75\% \emptyset \text{ above } 3\% \emptyset$$

| INTERVALS | LLD | LLS | MSFL | Rt | (Sw)(ØXP)(h) = Sw WEIGHTED |
|-------------|-----|-----|------|-----|----------------------------|
| 13,017'-20' | 90 | 90 | 110 | 90 | (25.1)(8)(3)=602.4 |
| * 20'-22' | 130 | 130 | 200 | 110 | (47.8) =* |
| 22'-27' | 110 | 110 | 200 | 90 | (34.2)(6)(5)=1026.0 |

$$\text{AVERAGE } Sw = \frac{\sum(h)(\emptyset)(Sw)}{(\emptyset)(h)} = \frac{1628.4}{54} = 30.2\% Sw \text{ below } 40\% Sw$$

*This interval has been eliminated from calculations due to Sw being greater than 40%

Reservoir temperature @ 13630' = 210°F

Annual mean temperature = 60°F

Calculated reservoir temperature @ 13,022' (midperf) = 203°F

VOLUMETRIC CALCULATIONS
RECOVERABLE GAS
PERFORATED SANDS

Bg_i CALCULATION

$$Z = 1.26$$

$$Bg_i = 0.03535 \frac{8210}{(1.26)(203+406)} = .347$$

$$MCF = (43560)(\emptyset)(1-S_w)(A)(h)(RF)(Bg_i)$$

$$MCF = (43560)(0.675)(1-0.302)(320)(8)(0.80)(0.347)$$

$$MCF = 1,458,500$$

REMAINING GAS CALCULATION

$$Q = \frac{(q_i - q_l)12 \text{ mo/yr}}{-\ln(1-dy)}$$

$$Q = \frac{(6500-466)12}{-\ln(1-0.20)}$$

$$Q = 324,491 \text{ MCF}$$

$$\text{CURRENT GOR} = 58,037$$

$$\text{RECOVERABLE GAS} = 506,675 \text{ MCF}$$

$$\text{RECOVERABLE CONDENSATE} = 8730 \text{ Bbls}$$

ECONOMIC

| | |
|--|--------------------|
| Drilling Cost to 13,100' | \$ 781,500 |
| Logging, Casing & Cement Cost | 338,370 |
| Atoka Recompletion Cost | 115,000 |
| Overhead Costs | 123,185 |
| TOTAL COST TO DEPTH OF FORMATION COMPLETED | <u>\$1,358,055</u> |

Gas Price = Dec LIOR Production Tax = $\frac{\text{Production \& Severance Taxes, Net}}{\text{Total Bass Gross Revenues}}$

Oil Price = \$12.55 Ad Valorem Tax = 2% WPT = 0

$$\begin{aligned} \text{Net Gas Price (1984)} &= [(3.38)(.74701272)[(1-.02)-(\frac{23,727.09}{281,356.51})] \\ &\quad + [(29.51)(.74701272)(\frac{2,178}{102,596})(1-.02-.084)] \\ &= \$2.68/\text{MCF} \end{aligned}$$

$$\begin{aligned} \text{Net Gas Price (1985)} &= [(3.27)(.74701272)[(1-.02)-(\frac{17,833.94}{206,380.05})] \\ &\quad + [(25.14)(.74701272)(\frac{1,299}{62,409})(1-.02-.086)] \\ &= \$2.53/\text{MCF} \end{aligned}$$

$$\begin{aligned} \text{Net Gas Price (1986)} &= [(3.45)(.74701272)[(1-.02)-(\frac{4,374.93}{48,714.28})] \\ &\quad + [(12.55)(.74701272)(\frac{296}{17,179})(1-.02-.09)] \\ &= \$2.44 \end{aligned}$$

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-64

| | | | | | | | | | |
|---|------------|---------------------------|---------------------------|---|-------------------------|---------------------------------------|--------------------|----------------------------------|--|
| Type Test <input checked="" type="checkbox"/> Initial 4-POINT <input type="checkbox"/> Annual <input type="checkbox"/> Special | | | | | | Test Date 10-19-83 | | 1600 FNL | |
| Company PERRY R. BASS | | | | Connection NATURAL GAS PIPE LINE CO. | | | | 600 FWL | |
| Pool UNDES. | | | | Formation ATOKA | | | | Unit E | |
| Completion Date 10-13-83 | | Total Depth 14,131' | | Plug Hole L. 13465 | | Elevation 3638' | | Farm or Lease Name C A LOOMIS | |
| 1" Dia. Size 5.500 | Wt. 17 | d 4.892 | Set At 13465 | Perforations From 13017 To 13027 | | Well No. #1 | | | |
| 3" Dia. Size 2.375 | Wt. 4.7 | d 1.995 | Set At 12919 | Perforations From OPEN To ENDED | | Unit Sec. Twp. Rge. E 5 21S 32E | | | |
| Type Well - Single - Bradenhead - G.O. or G.O. Multiple SINGLE | | | | | | Packer Set At 12,900' | | County LEA | |
| Producing thru TUBING | | Reservoir Temp. °F 60° | | Mean Annual Temp. °F 60° | | Baro. Press. - P _a 13.2 | | State NEW MEXICO | |
| L 13022 | H 13022 | Cg .658 | % CO ₂ .371 | % H ₂ 1.920 | % H ₂ O 0 | Prover 0 | Meter Run 4,026 | Taps FLANGE | |

| FLOW DATA | | | | | | TUBING DATA | | B.H.P. DATA | | Duration of Flow | |
|-----------|------------------|---|--------------|-----------------|----------------------|-------------|-----------------|-------------|-----------------|------------------|-------|
| NO. | Prover Line Size | X | Orifice Size | Press. p.s.i.g. | Diff. h _w | Temp. °F | Press. p.s.i.g. | Temp. °F | Press. p.s.i.g. | | CHOKE |
| 51 | | | | | | | 6180 | | 8090 | | 72.0 |
| 1. | 4.03 X 1.000 | | | 455 | 6.0 | 87 | 4730 | 55 | 6537 | 2/64 | 1.0 |
| 2. | 4.03 X 1.000 | | | 455 | 7.0 | 96 | 4080 | 52 | 5806 | 4/64 | 1.0 |
| 3. | 4.03 X 1.000 | | | 455 | 9.0 | 104 | 3520 | 51 | 5130 | 6/64 | 1.0 |
| 4. | 4.03 X 1.000 | | | 455 | 16.0 | 104 | 2760 | 47 | 4160 | 8/64 | 1.0 |
| 5. | | | | | | | | | | | |

| RATE OF FLOW CALCULATIONS | | | | | | | |
|---------------------------|-----------------------|------------------|-------------------------|----------------------------------|-------------------------------|---|----------------------|
| NO. | Coefficient (24 Hour) | $\sqrt{h_w P_m}$ | Pressure P _m | Flow Temp. Factor F _t | Gravity Factor F _g | Super. Compens. Factor, F _{sp} | Rate of Flow Q, Mcfd |
| 1 | 4.75 | 53.00 | 468.2 | 0.9750 | 1.2328 | 1.0421 | 316. 1317 |
| 2 | 4.75 | 57.25 | 468.2 | 0.9671 | 1.2328 | 1.0395 | 337. 1464 |
| 3 | 4.75 | 64.91 | 468.2 | 0.9602 | 1.2328 | 1.0371 | 379. 1579 |
| 4 | 4.75 | 86.55 | 468.2 | 0.9602 | 1.2328 | 1.0371 | 505. 2164 |
| 5 | | | | | | | 646 |

| NO. | n | Temp. °R | T _r | Z | Gas Liquid Hydrocarbon Ratio | A.P.I. Gravity of Liquid Hydrocarbons | Specific Gravity Separator Gas | Specific Gravity Flowing Fluid | Critical Pressure | Critical Temperature |
|-----|------|----------|----------------|-------|------------------------------|---------------------------------------|--------------------------------|--------------------------------|-------------------|----------------------|
| 1 | 0.70 | 547 | 1.45 | 0.921 | 0 | 0 | 0.658 | XXXXXX | 670 | 377 |
| 2 | 0.70 | 556 | 1.48 | 0.926 | | | | | | |
| 3 | 0.70 | 564 | 1.50 | 0.930 | | | | | | |
| 4 | 0.70 | 564 | 1.50 | 0.930 | | | | | | |
| 5 | | | | | | | | | | |

| NO. | P ₁ ² | P _w ² | P _w ² | P ₁ ² - P _w ² |
|-----|-----------------------------|-----------------------------|-----------------------------|---|
| 1 | 42905 | 5016 | 25159 | 16079 |
| 2 | 33863 | 4371 | 19107 | 22132 |
| 3 | 26453 | 3791 | 14375 | 26863 |
| 4 | 17416 | 2997 | 8983 | 32255 |
| 5 | | | | |

(1) $\frac{P_c^2}{P_b^2 - P_w^2} = 1.2785$

AOI = 0 $\left[\frac{P_b^2}{P_b^2 - P_w^2} \right]^n = 646$

(2) $\left[\frac{P_c^2}{P_b^2 - P_w^2} \right]^n = 1.2785$

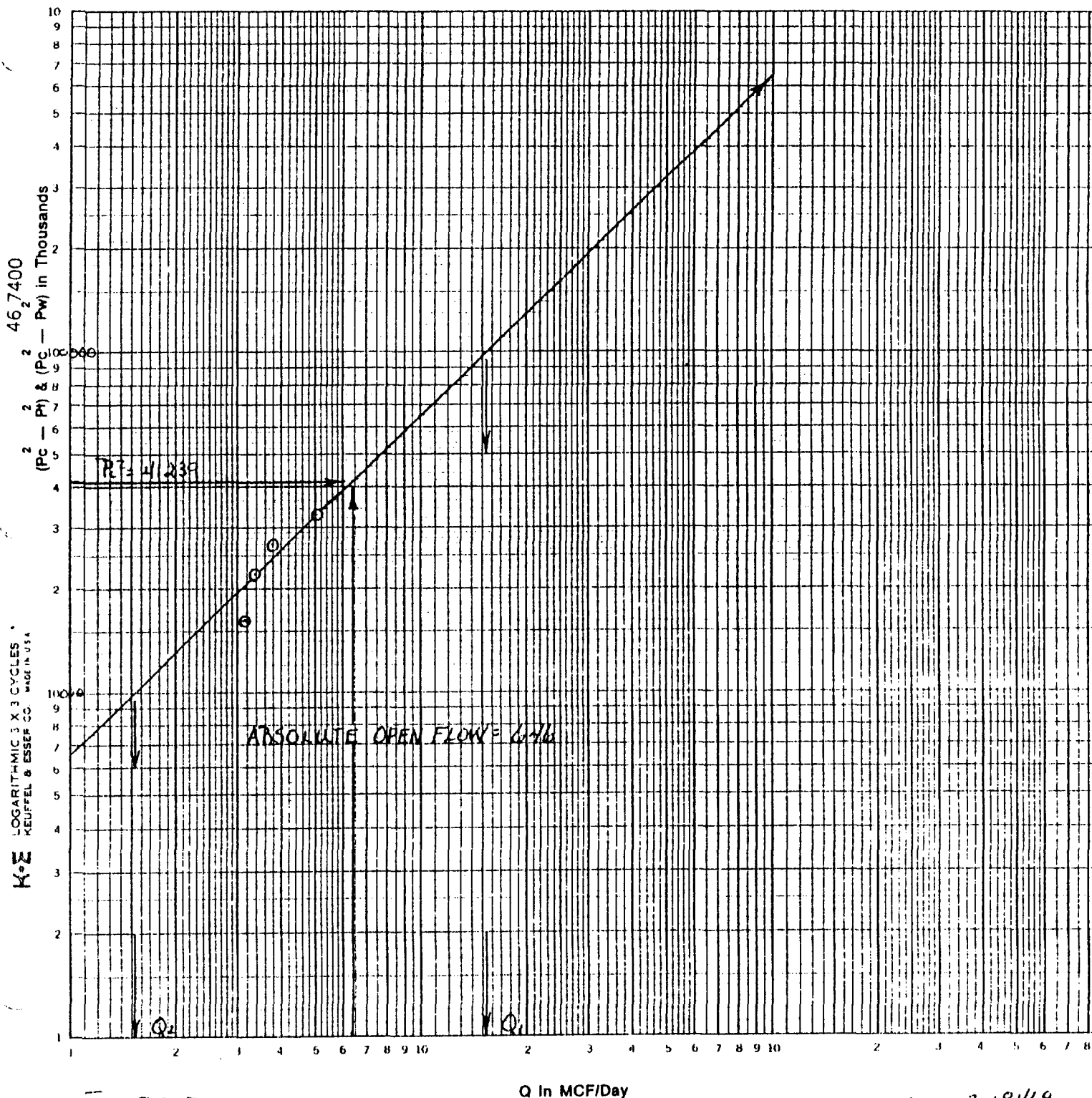
| | | | | | | |
|--------------------|------|---------------|------------------|------|----------|-------|
| Absolute Open Flow | 646. | Mcfd @ 15.025 | Angle of Slope @ | 45.0 | Slope, n | 1.000 |
|--------------------|------|---------------|------------------|------|----------|-------|

Remarks: BOTTOM HOLE PRESSURES MEASURED WITH AMERADA PRESSURE ELEMENTS.

| | | | |
|------------------------|-----------------|------------------|------------|
| Approved By Commission | Conducted By | Calculated By | Checked By |
| | RICHARD TOWNLEY | BENNETT & CATHEY | |

BENNETT & CATHEY PRODUCTION TESTING BACK PRESSURE CUR :

Operator BESS, PARRY R. Lease C.A. LOOMIS Well No. 1
 County LEA Field UNRES. ATOKA Location 600' FWH + 660' FWH
 Date of Test 10-19-83 Slope "n" 1.000 Angle of Slope 45°
 Calc. Abs. Potential 646 MCF/D



$$\Delta P_1: P_c^2 - P_w^2 = 100000$$

$$\Delta P_2: P_c^2 - P_w^2 = 10000$$

$$Q_1 = 1530$$

$$Q_2 = 153$$

$$\log Q_1 = 3.18469$$

$$\log Q_2 = 2.18469$$

$$n = 1.00000$$

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-1-78REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. OPERATOR
Operator PERRY R. BASS
Address Box 2760, MIDLAND, TX 79102-2760

Reason(s) for filing (Check proper box)

New Well ☐ Change in Transporter oil ☐
Recompletion ☒ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐

Other (Please explain)

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name C.A. LOOMIS FEDERAL Well No. 1 Pool Name, including Formation UNRES. ATOKA Kind of Lease NM Lease 0422
Location
Unit Letter E : 1600 Feet From The NORTH Line and 660 Feet From The WEST
Line of Section 5 Township 21S Range 32E , NMPM, LEA Co

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒ Address (Give address to which approved copy of this form is to be sent)
THE PERMIAN CORPORATION Box 1183, HOUSTON, TX 77001
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐ Address (Give address to which approved copy of this form is to be sent)
NATURAL GAS PIPE LINE CO. OF AMERICA Box 236, MIDLAND, TX 79702
If well produces oil or liquids, give location of tanks. Unit E Sec. 5 Twp. 21S Rge. 32E Is gas actually connected? No When

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

| Designate Type of Completion - (X) | Oil Well | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Drill |
|---|--|-------------------------------------|-----------------------------------|----------|--------|-------------------------------------|-------------|-------|
| | | <input checked="" type="checkbox"/> | | | | <input checked="" type="checkbox"/> | | |
| Date Spudded <u>NOV. 14, 1980</u> | Date Compl. Ready to Prod. <u>OCT. 28, 1983</u> | Total Depth <u>14,131</u> | P.B.T.D. <u>CIBP @ 13,500'</u> | | | | | |
| Elevations (DF, RKB, RT, GR, etc.) <u>3638' GL</u> | Name of Producing Formation <u>ATOKA</u> | Top Oil/Gas Pay <u>13,017'</u> | Tubing Depth <u>12,900</u> | | | | | |
| Perforations | | Depth Casing Shoe <u>14,131'</u> | | | | | | |

TUBING, CASING, AND CEMENTING RECORD

| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT |
|-------------------|----------------------|----------------|---------------------------|
| <u>15"</u> | <u>11 3/4"</u> | <u>560'</u> | <u>450 CLASS "C"</u> |
| <u>11"</u> | <u>8 5/8"</u> | <u>4966'</u> | <u>220 LITE + 200 "C"</u> |
| <u>7 1/2"</u> | <u>5 1/2"</u> | <u>14131'</u> | <u>835 LITE + 900 "H"</u> |
| <u>5 1/2" CSG</u> | <u>2 3/8"</u> | <u>12,900'</u> | |

V. TEST DATA AND REQUEST FOR ALLOWABLE

(Test must be after recovery of total volume of load oil and must be equal to or exceed top
able for this depth or be for full 24 hours)

| Date First New Oil Run To Tanks | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
|---------------------------------|-----------------|---|------------|
| | | | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil - Bbls. | Water - Bbls. | Gas - MCF |

GAS WELL

| Actual Prod. Test - MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| <u>64 MCF (AOF 606)</u> | <u>4 HOURS</u> | <u>NONE</u> | <u>.658</u> |
| Testing Method (prior, back pr.) | Tubing Pressure (Shut-in) | Casing Pressure (Shut-in) | Choke Size |
| <u>BACK PRESSURE</u> | <u>6180</u> | <u>PACKER</u> | <u>VARIOUS</u> |

I. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation
Division have been complied with and that the information given
above is true and complete to the best of my knowledge and belief.W. D. Murty, Jr.
(Signature)Senior Production Clerk
(Title)November 1, 1983
(Date)

OIL CONSERVATION DIVISION

JUN 26 1984

APPROVED _____, 19

BY ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

TITLE _____

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deep
well, this form must be accompanied by a tabulation of the devi
tests taken on the well in accordance with RULE 111.All sections of this form must be filled out completely for a
able on new and recompleted wells.Fill out only Sections I, II, III, and VI for change of a
well name or number, or transporter, or other such change of condSeparate Form C-104 must be filed for each pool in mu
completed wells.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-121
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

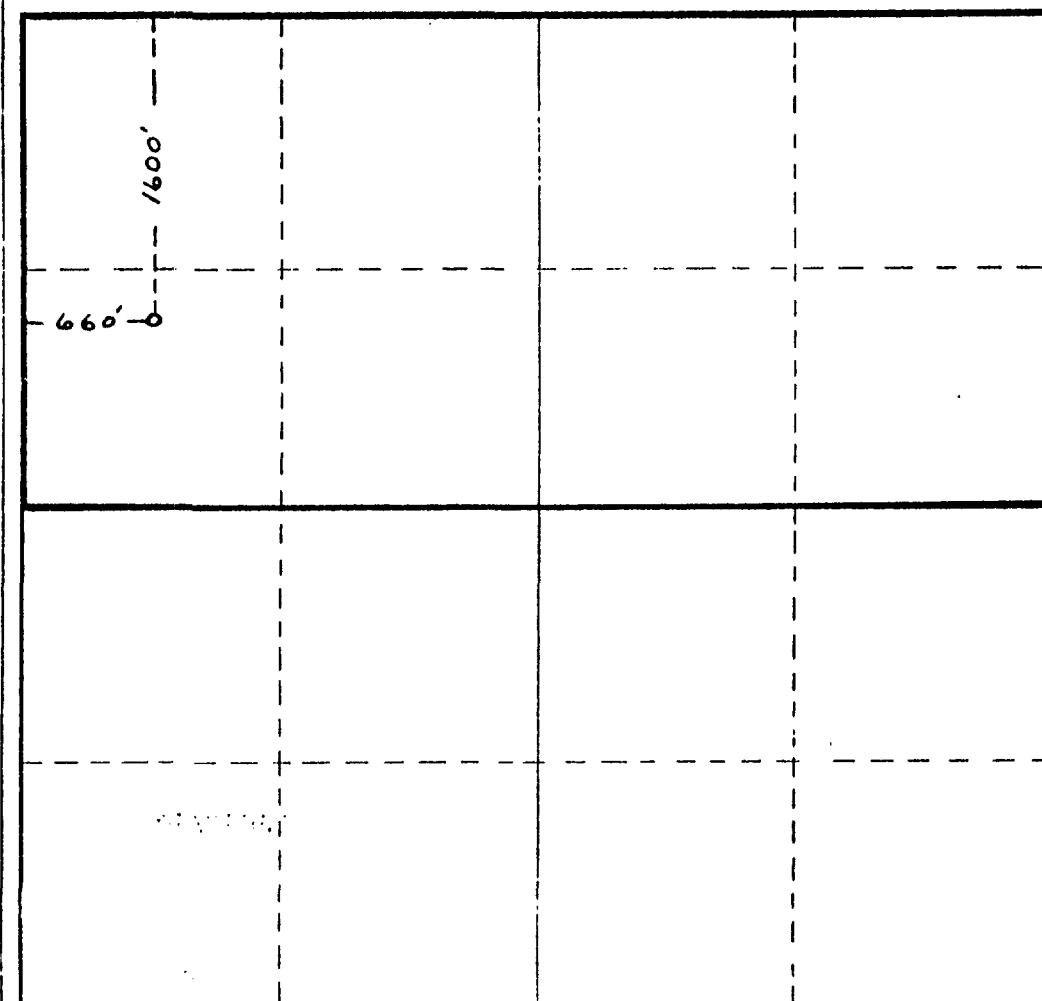
| | | | | | |
|---|-------------------------------------|------------------------|--------------------------------------|---|----------------------|
| Operator PERRY R. BASS | | | Lease C. A. LOOMIS FEDERAL | | Well No. 1 |
| Unit Letter E | Section 5 | Township 21S | Range 32E | County LEA | |
| Actual Footage Location of Well: 1600 feet from the NORTH line and 660 feet from the WEST line | | | | | |
| Ground Level Elev. 3638' | Producing Formation ATOKA | | Pool UNDES. | Dedicated Acreage: 324.96 Acres | |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation **LITTLE EDDY UNIT**

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

H. E. NURTZ, JR.

Name

H. E. NURTZ, JR.

Position

S.R. PROD'N CLERK

Company

PERRY R. BASS

Date

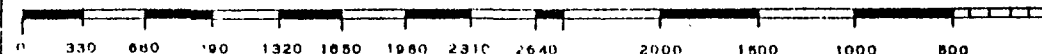
NOVEMBER 1, 1983

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

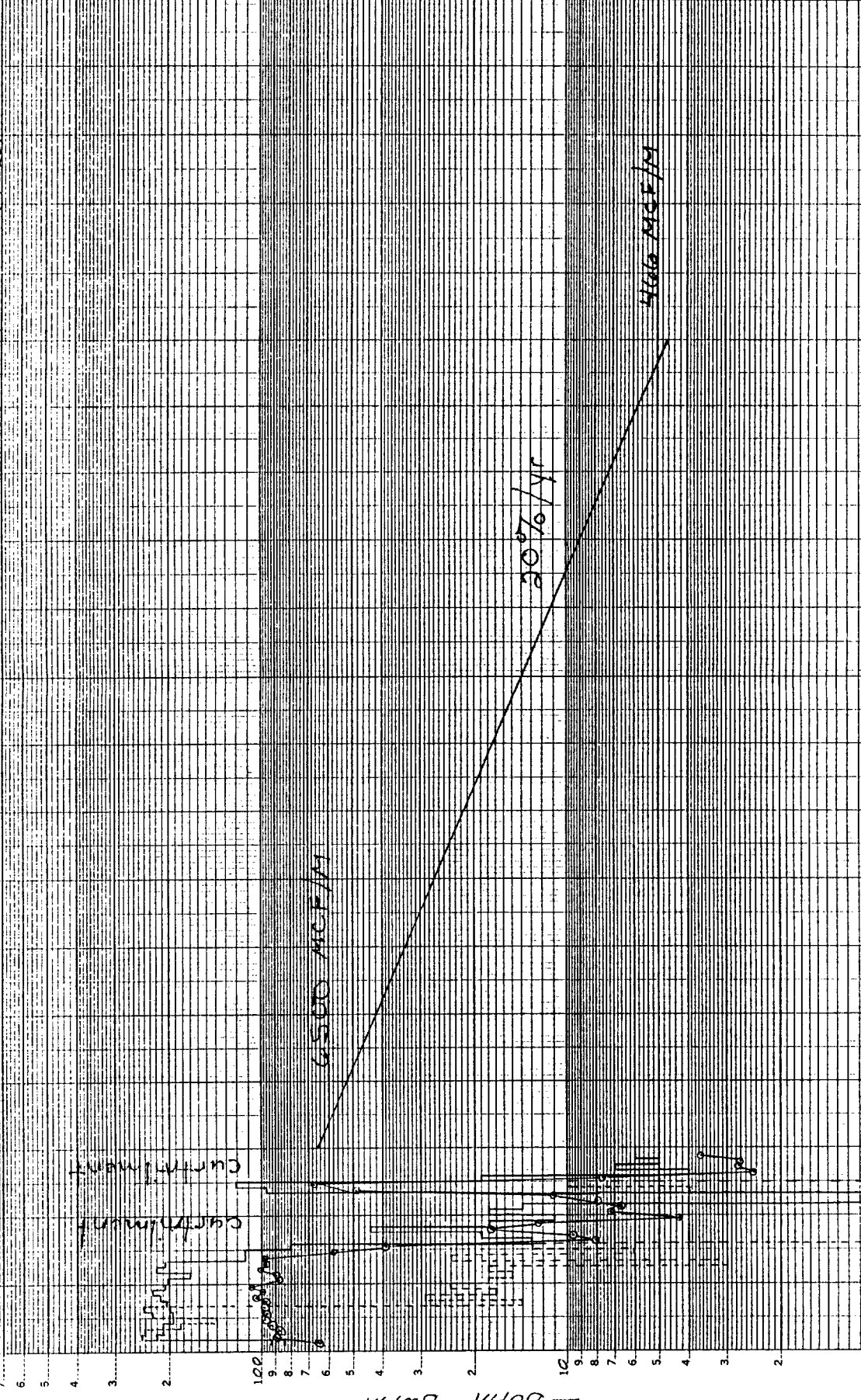
Registered Professional Engineer and/or Land Surveyor

Certificate No.



1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000

SOUTH SALT LAKE (ATOKA)
 LEU CA LOGS PRESENT NO. 1
 1/22/87

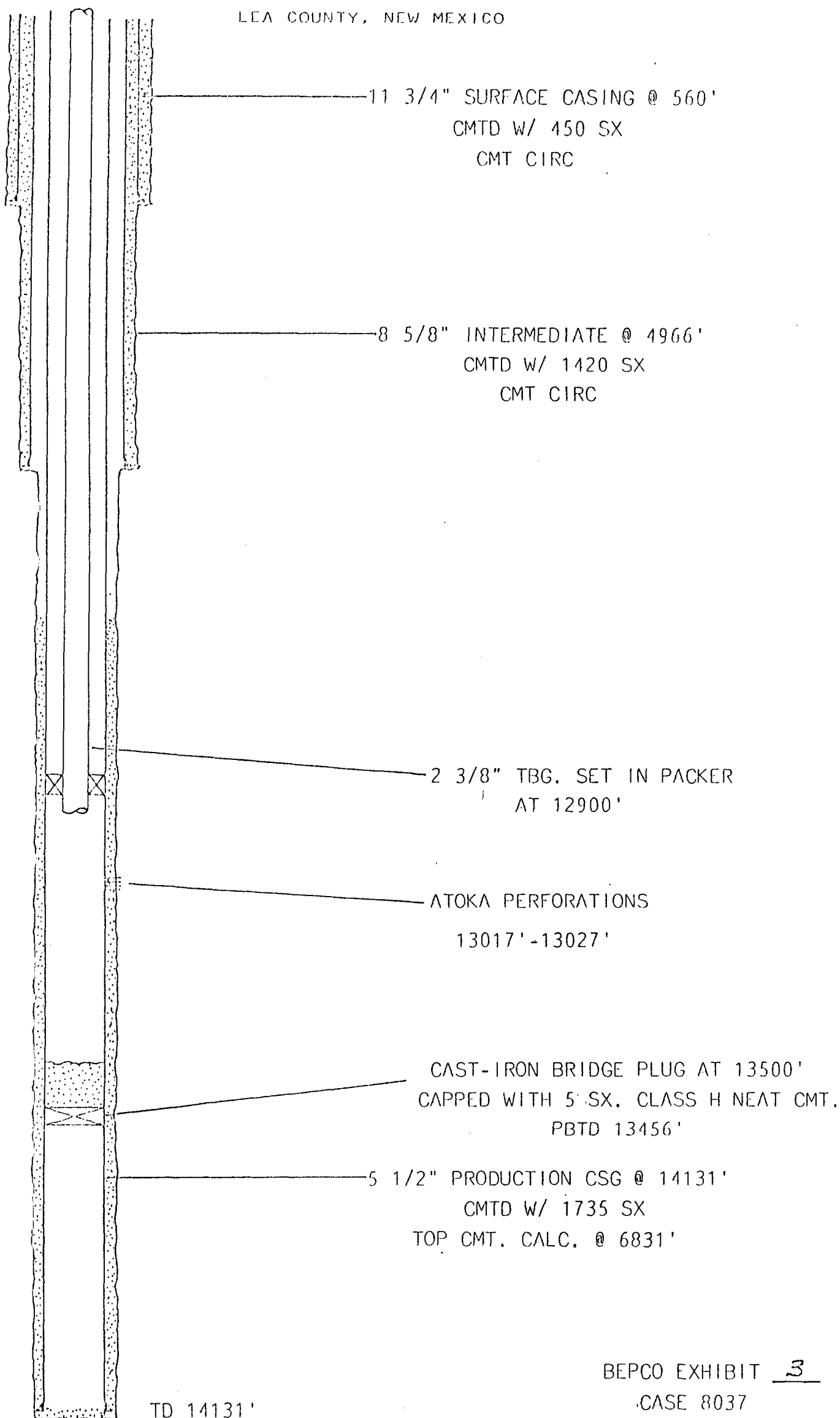


--- BOPM - BOPM ---

BASS ENTERPRISES PRODUCTION COMPANY

C. A. LOOMIS FEDERAL WELL NO. 1

1640' FROM NORTH LINE, 660' FROM WEST LINE
SECTION 5, TOWNSHIP 21 SOUTH, RANGE 32 WEST
LEA COUNTY, NEW MEXICO



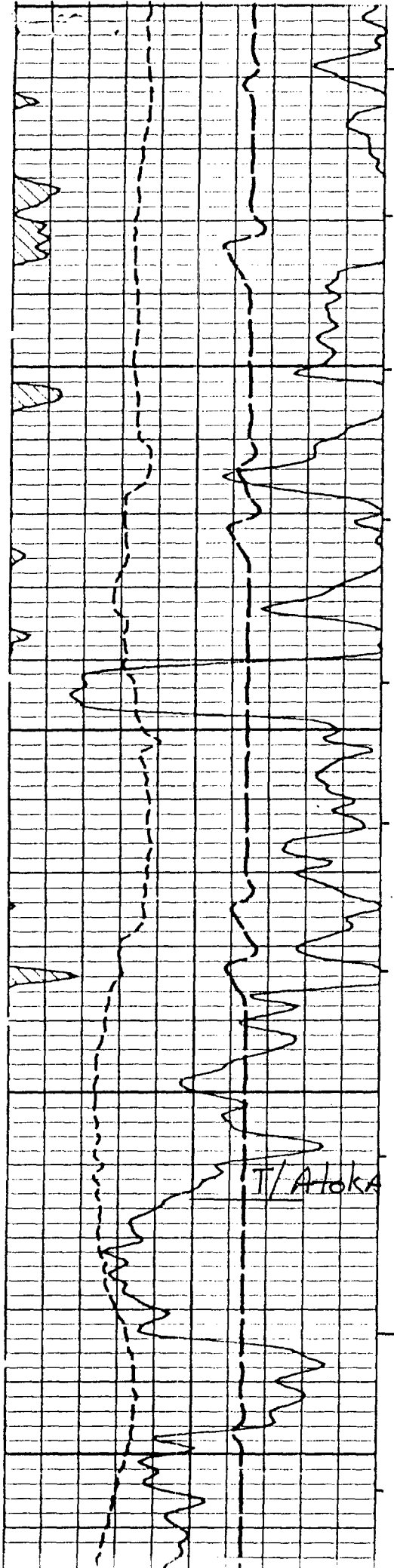
C. A. Coornis Federal No. 1
South Salt Lake (Atoka) Field
Lea County, N.M.

GR-CNL-FAC
3656 KB
3638 GL

12900

13000

T/Atoka

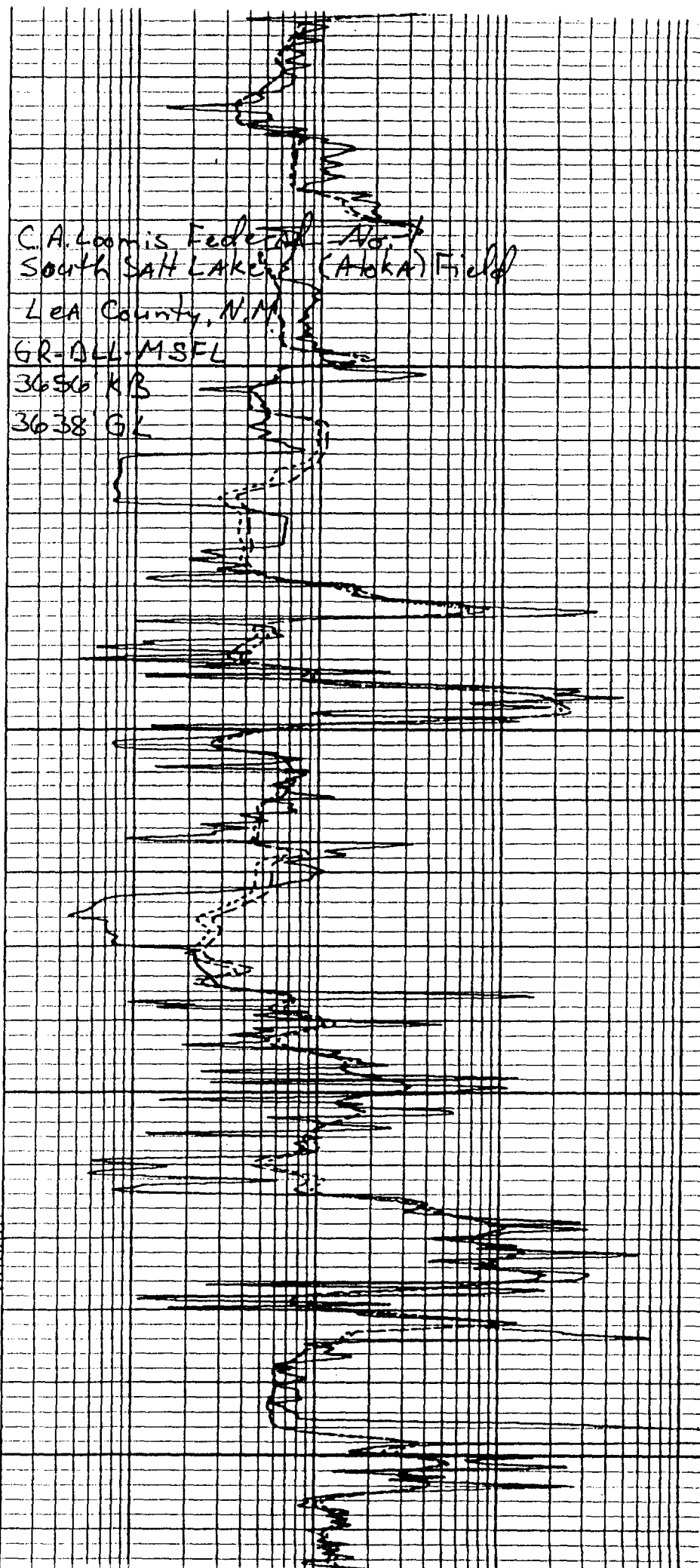


12900

13000

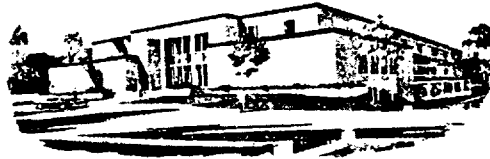
T/Artoka

C.A. Loomis Federal No. 1
South Salt Lake (Artoka) Field
Lea County, N.M.
GR-DLL-MSFL
3656 KB
3638 GL



State of New Mexico

1117



SLO REF NO. OG-687

W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

March 2, 1988

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Bass Enterprises Production Co.
ATTN: Mr. Jens Hansen
First City Bank Tower
201 Main Street
Fort Worth, Texas 76102

Re: Non-Commercial Well Determination
C.A. Loomis Federal No. 1
Little Eddy Unit
Salt Lake, South (Atoka)
Lea County, New Mexico

Gentlemen:

The Bureau of Land Management has advised this office that they have concurred with your determination that the C. A. Loomis Federal Well No. 1-E Sec. 5-21S-32E, is noncommercial on a unit basis and therefore are not entitled to receive a participating area in the Little Eddy Unit and should be produced on a lease basis.

Please be advised that the Commissioner of Public Lands, concurs with the Bureau of Land Management's noncommercial determination for the C.A. Loomis Federal No. 1 well.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

WILLIAM R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY: A handwritten signature in dark ink, appearing to read "Floyd O. Prando".

FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Roswell, New Mexico

BASS ENTERPRISES PRODUCTION CO.

FIRST CITY BANK TOWER
201 MAIN ST.
FORT WORTH, TEXAS 76102
817/390-8400

January 13, 1989

Bureau of Land Management
P.O. Box 1397
Roswell, New Mexico 88201

Attention: Joe Lara

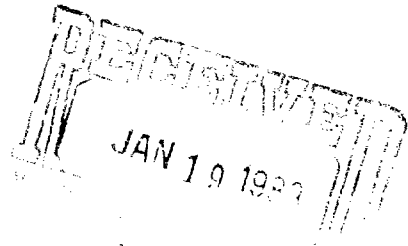
1117

Commissioner of Public Lands
P.O. Box 1148
Santa Fe, New Mexico 87504

Attention: Floyd Prondo

New Mexico Oil Conservation Division
P.O. Box 3088
Santa Fe, New Mexico 87501

Attention: William LeMay



RE: Little Eddy Unit
Lea County, New Mexico

Gentlemen:

Perry R. Bass is the designated Unit Operator for the Little Eddy Federal Unit pursuant to the Little Eddy Unit Agreement dated effective November 2, 1956. However, Perry R. Bass no longer operates any of the unit wells in the Little Eddy Unit. As a result this letter will serve as official notification that Perry R. Bass hereby resigns as Unit Operator pursuant to Sections 5 and 6 of the Little Eddy Unit Agreement.

Working interest owners are being notified of this resignation pursuant to this letter so that a successor Unit Operator can be elected.

The six-month period for the release of Perry R. Bass as Unit Operator under provision 5 of the Unit Agreement will commence as of the date of this letter.

Sincerely,

RAMaxwell

R. Andrew Maxwell

RAM:glb



Texaco Exploration and Production Inc.
Midland Producing Division

OIL CONSERVATION
DIVISION
REC'D

#1117

'91 MAY 20 PM 9 36

5-20-91
D-Unit letter
T^h 107

May 10, 1991

District Supervisor
Bureau of Land Management
Roswell District Office
P. O. Box 1397
Roswell, New Mexico 88201

Commissioner of Public Lands
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

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

All Working Interest Owners
(Address List Attached)

RE: LITTLE EDDY UNIT
LEA COUNTY, NEW MEXICO

Gentlemen:

As operator of the Little Eddy Unit, Texaco Exploration and Production Inc. is herewith submitting, for your approval, a 1991 plan of development and operations for the subject unit.

Past Operations

Two wells are currently producing in the Little Eddy Unit. The Audie Richards No. 1 (originally known as the Little Eddy Unit Richards No. 1) is located in section 25 of T-20-S, R-32-E. This well was completed in January of 1958 from perforations at 12,909 feet-12,916 feet. The well potentialled for 1794 MCFGPD and 48 BOPD in the Salt Lake South Atoka field. The well has a total cumulative production from the Atoka of 1,811,386 MCFG, 43,013 BO and 0 BW.

The Atoka formation appears to have been abandoned in December of 1973, while making only 497 MCFGPD, 11 BO and 0 BW. The Audie Richards No. 1 is currently producing from the Salt Lake South Morrow zone. Production appears to have begun in July of 1973.

Bureau of Land Management,
Commissioner of Public Lands,
NM Oil Conservation Division,
Working Interest Owners

- 2 -

May 10, 1991

The well is currently producing approximately 8 MCFGPD. Through November of the year 1990, the well made 1,854 MCFG, 16 BO and no water. The total cumulative production for this well through November of 1990 is 2,411 MMCFG and 49 MBO.

The New Mexico State 'CM' No. 1 was completed in April of 1960 for an IP of 114 BOPD and 3526 MCFGPD from perforations of 13,242 feet-13,307 feet in the Salt Lake South Morrow gas field. The well is located in Section 25, T-20-S, R-32-E. This well has cumulative production of 8,468 MMCFG and 79 MBO through November of 1990. The well is currently producing at a daily average rate 333 MCFGPD and 1 BOPD.

The Little Eddy Unit 'CH' State No. 1 was completed in the Salt Lake South Morrow field with an IP of 208 BOPD and 11 BWPD. The well is located in Section 31, T-20-S, R-33-E. The original perforations were from 13,288 feet-13,602 feet. The well has cumulative production of 466 MMCFG and 17 MBO from the Morrow formation. The last production shown for this well from the Morrow was in December of 1980. The well has produced 3,386 MMCFG and 50 MBO from the Salt Lake South Atoka field.

Tabular production for 1988, 1989 and 1990 is provided along with a map of the unit and a list of the working interest owners.

Plan of Development for 1991

The proposed plan of development for 1991 is to continue producing the Little Eddy Unit in an efficient manner. This will be accomplished through equipment modifications and well workovers as necessary.

Yours very truly,

Texaco Exploration and Production Inc.



H. C. Pattison
Portfolio Manager

KAR/srt
Attachments

file
chrono

WORKING INTEREST OWNERS
LITTLE EDDY UNIT AGREEMENT

Texaco Exploration and Production Inc.
P. O. Box 3109
Midland, Texas 79702

W. Ridley Wheeler Estate
2010 Texas American Bank Building
Fort Worth, Texas 76102

Exxon Company, U.S.A.
P. O. Box 1600
Midland, Texas 79702-1600

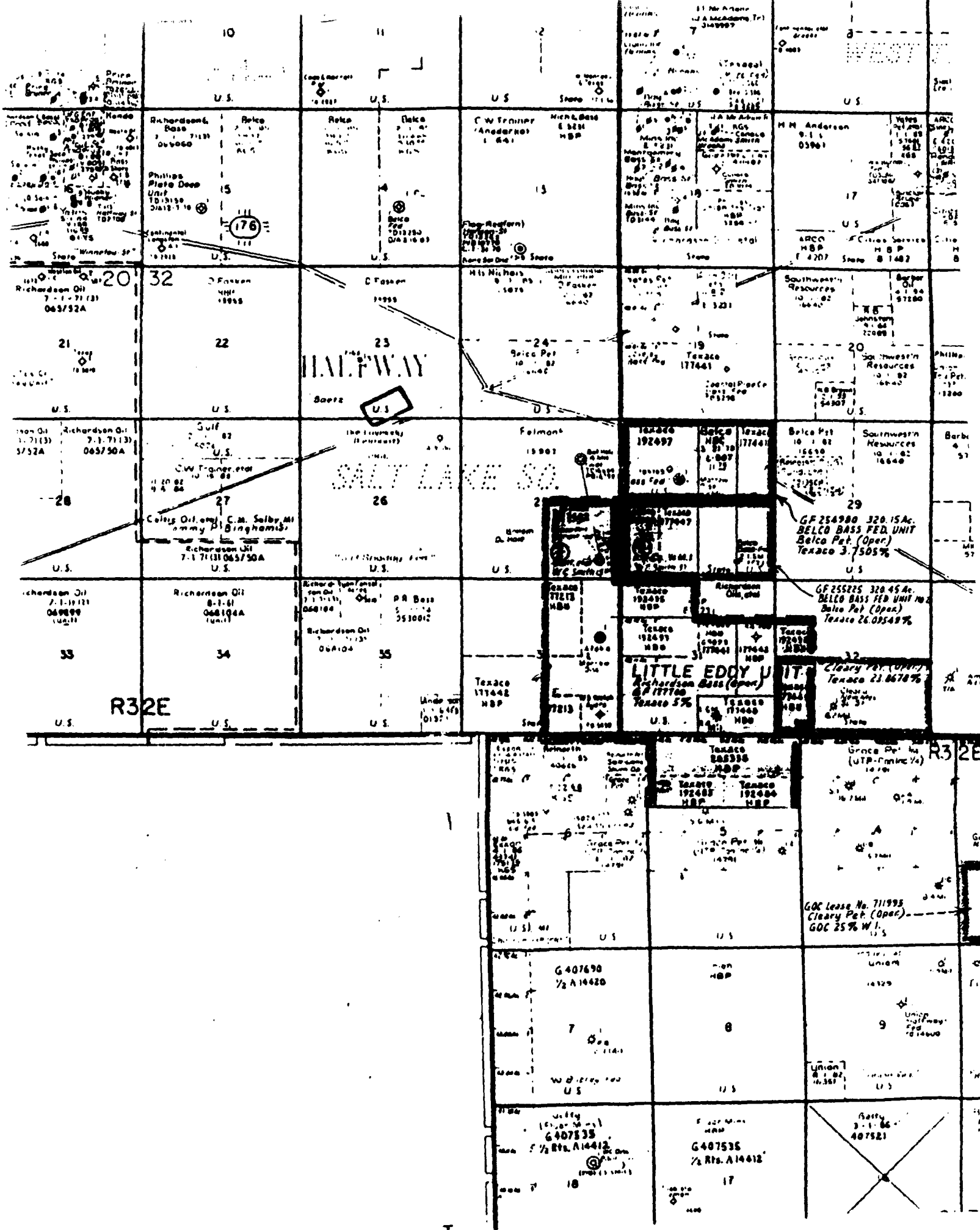
H. L. Brown Estate
1730 Texas American Bank Building
500 Throckmorton Street
Fort Worth, Texas 76102

ARCO Petroleum Company
P. O. Box 1610
Midland, Texas 79702

Frank O. Elliott Trust
Edna Ione Hall Trust
Box 1355
Roswell, New Mexico 88201

Phillips Petroleum Company
4001 Pembroke
Odessa, Texas 79762

Tenneco Inc.
P. O. Box 2511
Houston, Texas 77002



STATE NAME NEW MEXICO
 COUNTY NAME LEA
 COUNTY NUMBER 025
 TOWNSHIP 20S
 RANGE 32E
 SECTION 25
 FIELD NAME SALT LAKE, SOUTH
 FIELD NUMBER 48410
 FORMATION NAME MORROW (PENNSYLVANIAN)
 FORMATION NUMBER PM
 LEASE-WELL NUMBER 436570
 OPERATOR NAME TEXACO INC.
 OPERATOR NUMBER 833000
 LEASE-WELL NAME LITTLE EDDY UNIT AUDIE RICHARDS - 001
 LOCATION P
 PRODUCTION DATES 7307,9011

| MONTH | BOPD | MCFPD | BWPD | DAYS | WELLS | BWIPD | WHPSI | CUM OIL | CUM GAS | CUM WTR | CUM INJ |
|---------|------|-------|------|------|-------|-------|-------|---------|---------|---------|---------|
| 1-1988 | 1 | 34 | 2 | 31 | 1 | 0 | 0 | 6016 | 591831 | 5520 | 0 |
| 2-1988 | 0 | 15 | 0 | 28 | 1 | 0 | 0 | 6016 | 592243 | 5520 | 0 |
| 3-1988 | 1 | 5 | 0 | 31 | 1 | 0 | 0 | 6038 | 592395 | 5520 | 0 |
| 4-1988 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6038 | 592395 | 5520 | 0 |
| 5-1988 | 0 | 12 | 0 | 31 | 1 | 0 | 0 | 6038 | 592775 | 5520 | 0 |
| 6-1988 | 0 | 0 | 0 | 30 | 1 | 0 | 0 | 6038 | 592780 | 5520 | 0 |
| 7-1988 | 0 | 4 | 0 | 31 | 1 | 0 | 0 | 6038 | 592899 | 5520 | 0 |
| 8-1988 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6038 | 592899 | 5520 | 0 |
| 9-1988 | 0 | 6 | 0 | 30 | 1 | 0 | 0 | 6038 | 593092 | 5520 | 0 |
| 10-1988 | 0 | 11 | 0 | 31 | 1 | 0 | 0 | 6038 | 593433 | 5520 | 0 |
| 11-1988 | 1 | 14 | 0 | 30 | 1 | 0 | 0 | 6060 | 593861 | 5520 | 0 |
| 12-1988 | 0 | 10 | 0 | 31 | 1 | 0 | 0 | 6071 | 594171 | 5520 | 0 |
| 1-1989 | 1 | 9 | 0 | 31 | 1 | 0 | 0 | 6093 | 594445 | 5520 | 0 |
| 2-1989 | 1 | 28 | 0 | 28 | 1 | 0 | 0 | 6111 | 595223 | 5520 | 0 |
| 3-1989 | 0 | 12 | 0 | 31 | 1 | 0 | 0 | 6113 | 595585 | 5520 | 0 |
| 4-1989 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6113 | 595585 | 5520 | 0 |
| 5-1989 | 0 | 14 | 0 | 31 | 1 | 0 | 0 | 6116 | 596014 | 5520 | 0 |
| 6-1989 | 0 | 1 | 0 | 30 | 1 | 0 | 0 | 6116 | 596034 | 5520 | 0 |
| 7-1989 | 0 | 9 | 0 | 31 | 1 | 0 | 0 | 6116 | 596315 | 5520 | 0 |
| 8-1989 | 0 | 16 | 0 | 31 | 1 | 0 | 0 | 6116 | 596823 | 5520 | 0 |
| 9-1989 | 0 | 22 | 0 | 30 | 1 | 0 | 0 | 6116 | 597493 | 5520 | 0 |
| 10-1989 | 0 | 2 | 0 | 31 | 1 | 0 | 0 | 6116 | 597557 | 5520 | 0 |
| 11-1989 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6116 | 597557 | 5520 | 0 |
| 12-1989 | 0 | 10 | 0 | 31 | 1 | 0 | 0 | 6116 | 597867 | 5520 | 0 |
| 1-1990 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6116 | 597867 | 5520 | 0 |
| 2-1990 | 0 | 1 | 0 | 28 | 1 | 0 | 0 | 6116 | 597903 | 5520 | 0 |
| 3-1990 | 0 | 4 | 0 | 31 | 1 | 0 | 0 | 6116 | 598024 | 5520 | 0 |
| 4-1990 | 0 | 1 | 0 | 30 | 1 | 0 | 0 | 6116 | 598049 | 5520 | 0 |
| 5-1990 | 0 | 1 | 0 | 31 | 1 | 0 | 0 | 6116 | 598076 | 5520 | 0 |
| 6-1990 | 0 | 13 | 0 | 30 | 1 | 0 | 0 | 6116 | 598464 | 5520 | 0 |
| 7-1990 | 0 | 13 | 1 | 31 | 1 | 0 | 0 | 6127 | 598881 | 5551 | 0 |
| 8-1990 | 0 | 10 | 0 | 31 | 1 | 0 | 0 | 6129 | 599191 | 5551 | 0 |
| 9-1990 | 0 | 8 | 0 | 30 | 1 | 0 | 0 | 6129 | 599438 | 5551 | 0 |
| 10-1990 | 0 | 1 | 0 | 31 | 1 | 0 | 0 | 6129 | 599473 | 5551 | 0 |
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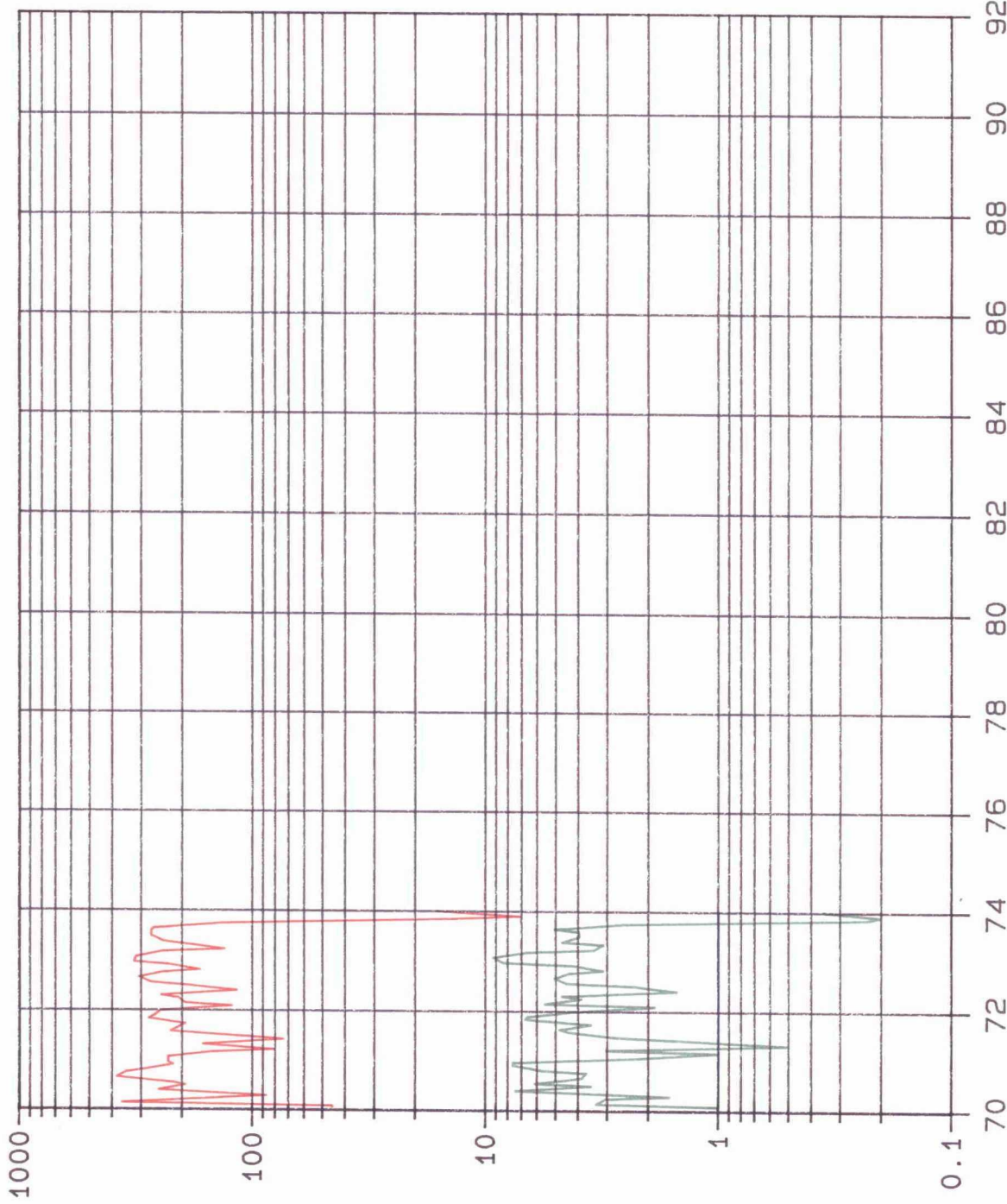
STATE NAME NEW MEXICO
 COUNTY NAME LEA
 COUNTY NUMBER 025
 TOWNSHIP 20S
 RANGE 33E
 SECTION 31
 FIELD NAME SALT LAKE, SOUTH
 FIELD NUMBER 48410
 FORMATION NAME MORROW (PENNSYLVANIAN)
 FORMATION NUMBER PM
 LEASE-WELL NUMBER 436650
 OPERATOR NAME TEXACO INC.
 OPERATOR NUMBER 833000
 LEASE-WELL NAME LITTLE EDDY UNIT CM STATE - 001
 LOCATION 0
 PRODUCTION DATES 0,9011

| MONTH | BOPD | MCFPD | BWPD | DAYS | WELLS | BWIPD | WHP SI | CUM OIL | CUM GAS | CUM WTR | CUM INJ |
|---------|------|-------|------|------|-------|-------|--------|---------|---------|---------|---------|
| 1-1988 | 3 | 977 | 0 | 31 | 1 | 0 | 0 | 78678 | 8262429 | 8455 | 0 |
| 2-1988 | 3 | 915 | 9 | 28 | 1 | 0 | 0 | 78769 | 8288054 | 8698 | 0 |
| 3-1988 | 0 | 89 | 0 | 31 | 1 | 0 | 0 | 78769 | 8290821 | 8698 | 0 |
| 4-1988 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 78769 | 8290821 | 8698 | 0 |
| 5-1988 | 1 | 501 | 5 | 31 | 1 | 0 | 0 | 78808 | 8306346 | 8841 | 0 |
| 6-1988 | 0 | 12 | 0 | 30 | 1 | 0 | 0 | 78808 | 8306692 | 8850 | 0 |
| 7-1988 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 78808 | 8306692 | 8850 | 0 |
| 8-1988 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 78808 | 8306692 | 8850 | 0 |
| 9-1988 | 0 | 46 | 0 | 30 | 1 | 0 | 0 | 78817 | 8308069 | 8850 | 0 |
| 10-1988 | 1 | 553 | 3 | 31 | 1 | 0 | 0 | 78850 | 8325215 | 8949 | 0 |
| 11-1988 | 1 | 154 | 3 | 30 | 1 | 0 | 0 | 78880 | 8329833 | 9039 | 0 |
| 12-1988 | 2 | 571 | 6 | 31 | 1 | 0 | 0 | 78929 | 8347540 | 9219 | 0 |
| 1-1989 | 1 | 165 | 0 | 31 | 1 | 0 | 0 | 78957 | 8352640 | 9219 | 0 |
| 2-1989 | 3 | 771 | 13 | 28 | 1 | 0 | 0 | 79053 | 8374237 | 9571 | 0 |
| 3-1989 | 0 | 319 | 0 | 31 | 1 | 0 | 0 | 79058 | 8384123 | 9571 | 0 |
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| 5-1989 | 1 | 273 | 0 | 31 | 1 | 0 | 0 | 79077 | 8392598 | 9571 | 0 |
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| 2-1990 | 0 | 154 | 0 | 28 | 1 | 0 | 0 | 79151 | 8435432 | 9814 | 0 |
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| 6-1990 | 0 | 42 | 0 | 30 | 1 | 0 | 0 | 79151 | 8447024 | 9814 | 0 |
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| 11-1990 | 1 | 333 | 6 | 30 | 1 | 0 | 0 | 79253 | 8467879 | 9994 | 0 |

STATE NAME NEW MEXICO
 COUNTY NAME LEA
 COUNTY NUMBER 025
 TOWNSHIP 20S
 RANGE 32E
 SECTION 36
 FIELD NAME SALT LAKE, SOUTH
 FIELD NUMBER 48410
 FORMATION NAME ATOKA (PENNSYLVANIAN)
 FORMATION NUMBER PA
 LEASE-WELL NUMBER 436600
 OPERATOR NAME TEXACO INC.
 OPERATOR NUMBER 833000
 LEASE-WELL NAME LITTLE EDDY UNIT CH STATE - 001
 LOCATION H
 PRODUCTION DATES 0,9011

| MONTH | BOPO | MCFPD | BWPD | DAYS | WELLS | BWIPD | WHPSI | CUM OIL | CUM GAS | CUM WTR | CUM INJ |
|---------|------|-------|------|------|-------|-------|-------|---------|---------|---------|---------|
| 1-1988 | 0 | 154 | 0 | 31 | 1 | 0 | 0 | 50082 | 3365446 | 350 | 0 |
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| 3-1988 | 0 | 35 | 0 | 31 | 1 | 0 | 0 | 50104 | 3372531 | 350 | 0 |
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| 5-1988 | 0 | 68 | 0 | 31 | 1 | 0 | 0 | 50106 | 3374653 | 350 | 0 |
| 6-1988 | 0 | 4 | 0 | 30 | 1 | 0 | 0 | 50106 | 3374766 | 350 | 0 |
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| 8-1989 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50112 | 3382866 | 350 | 0 |
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| 11-1989 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50112 | 3382866 | 350 | 0 |
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| 4-1990 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50112 | 3382866 | 350 | 0 |
| 5-1990 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50112 | 3382866 | 350 | 0 |
| 6-1990 | 0 | 10 | 0 | 30 | 1 | 0 | 0 | 50112 | 3383174 | 350 | 0 |
| 7-1990 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50112 | 3383174 | 350 | 0 |
| 8-1990 | 0 | 37 | 0 | 31 | 1 | 0 | 0 | 50115 | 3384333 | 350 | 0 |
| 9-1990 | 0 | 24 | 0 | 30 | 1 | 0 | 0 | 50115 | 3385043 | 350 | 0 |
| 10-1990 | 0 | 4 | 0 | 31 | 1 | 0 | 0 | 50115 | 3385181 | 350 | 0 |
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LITTLE EDDY UNIT AUDIE RICHARDS - 001



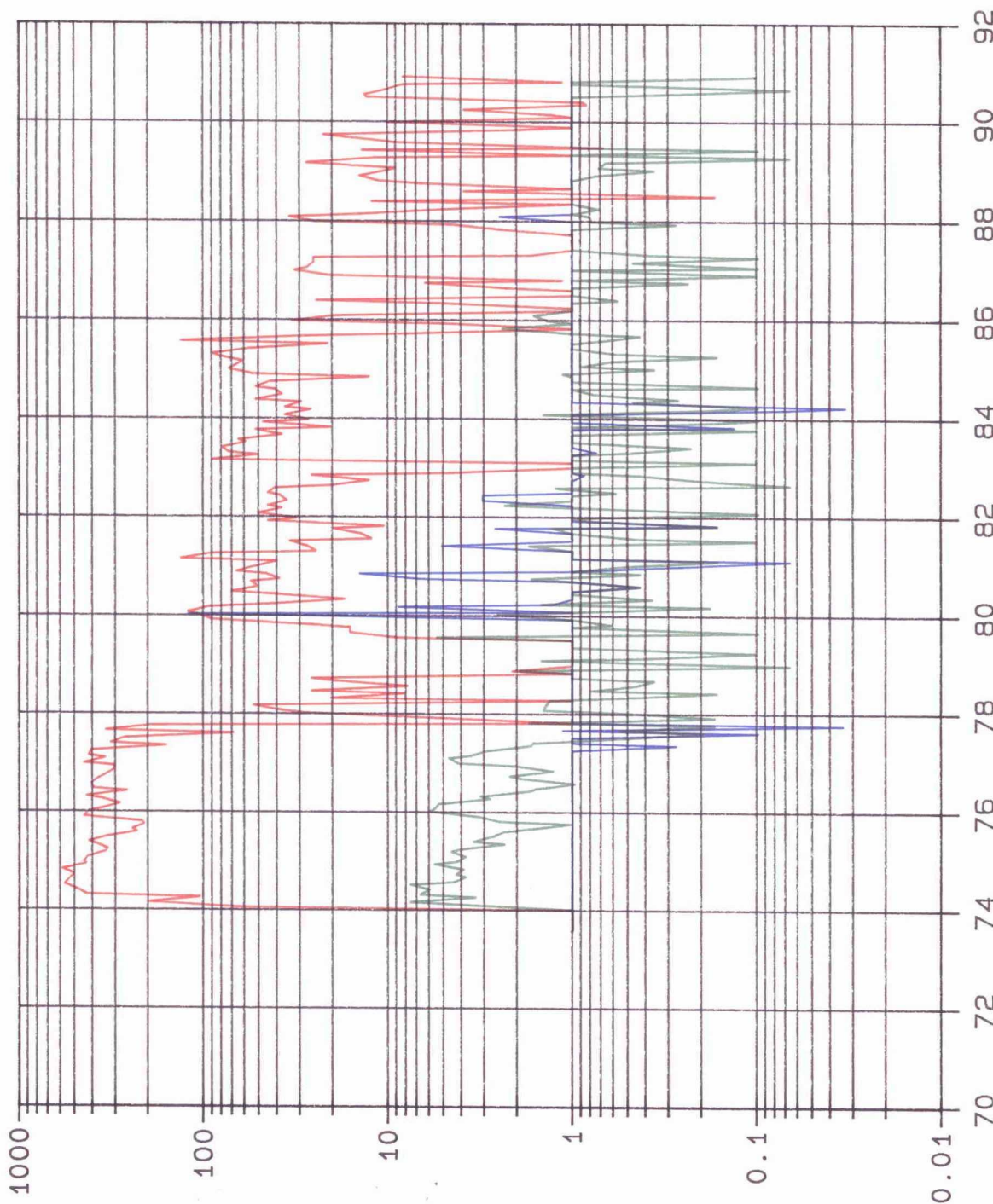
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— BWPD
— BOPD

LEASE DATA
LSE 436570
FLD 48410
OPER 833004
ZONE PA
20S-32E-25
COUNTY
STATE
STATUS 12-73
CO 43 MBO
CG 1811 MMCF
BOPD 0
BWPD 0
MCFPD 16
WELLS 1
CI 0 MBWI
BWIPD 0

YEARS

LITTLE EDDY UNIT AUDIE RICHARDS - 001

LEASE DATA
 LSE 436570
 FLD 48410
 OPER 833000
 ZONE PM
 20S-32E-25
 COUNTY 025
 STATE 30
 STATUS 11-90
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 BWPD 0
 MCFPD 8
 WELLS 1
 CI 0 MBWI
 BWIPD 0

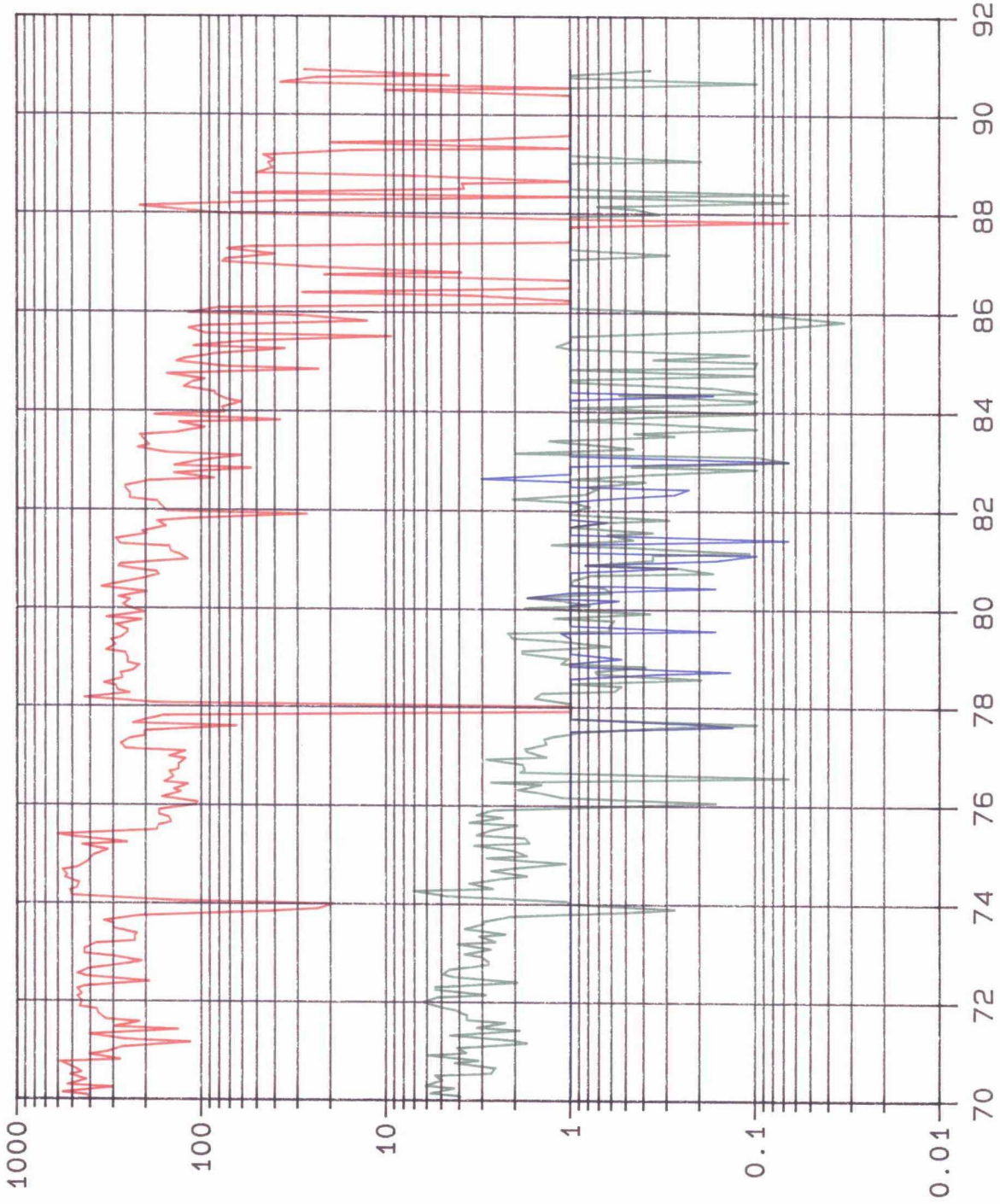


BOPD
 BWPD
 MCFPD

YEARS

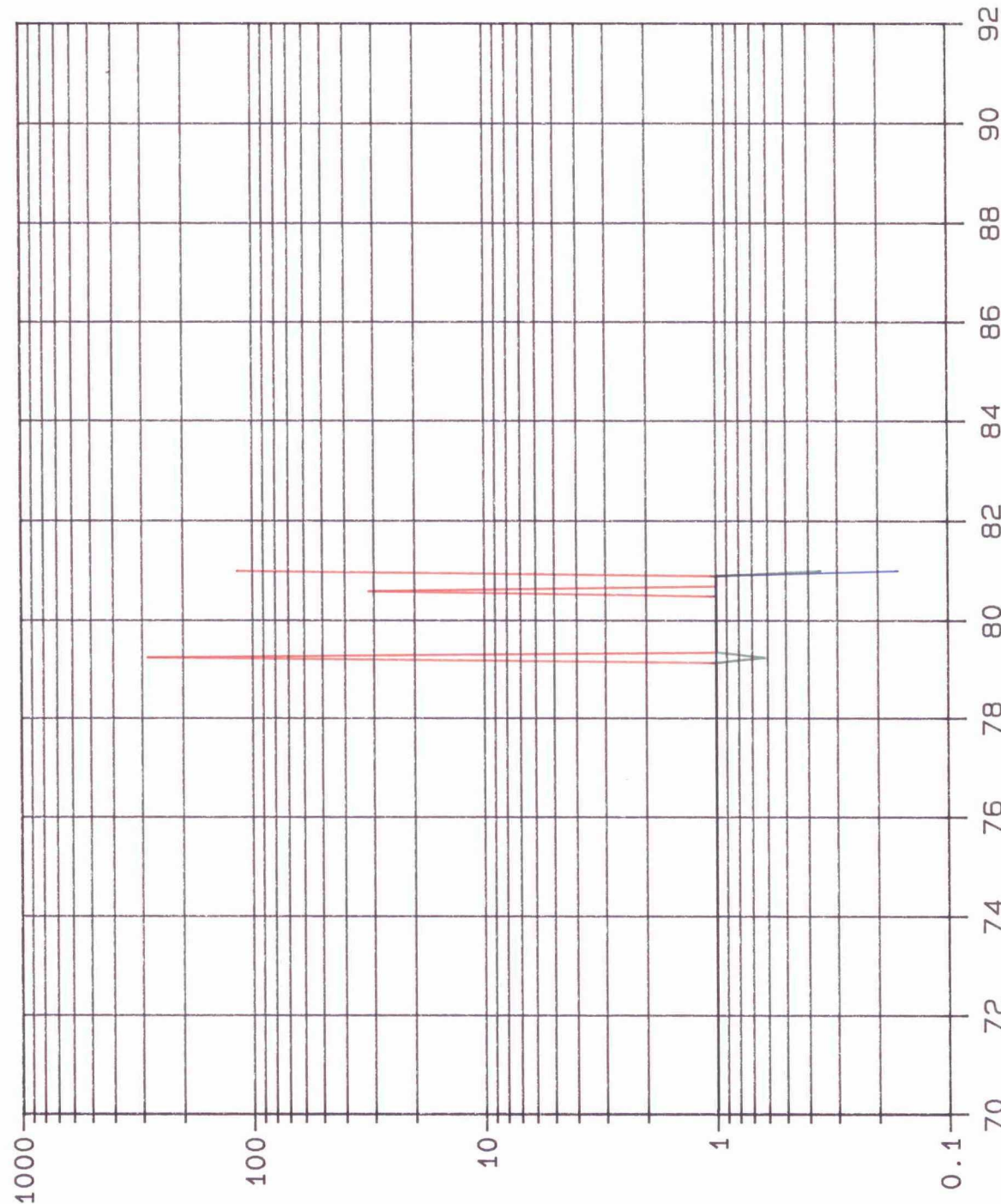
LITTLE EDDY UNIT CH STATE - 001

LEASE DATA
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 FLD 48410
 OPER 833000
 ZONE PA
 20S-32E-36
 COUNTY 025
 STATE 30
 STATUS 11-90
 CO 50 MBO
 CG 3386 MMCF
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 BWPD 0
 MCFPD 28
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 CI 0 MBWI
 BWIPD 0



YEARS

LITTLE EDDY UNIT CH STATE - 001



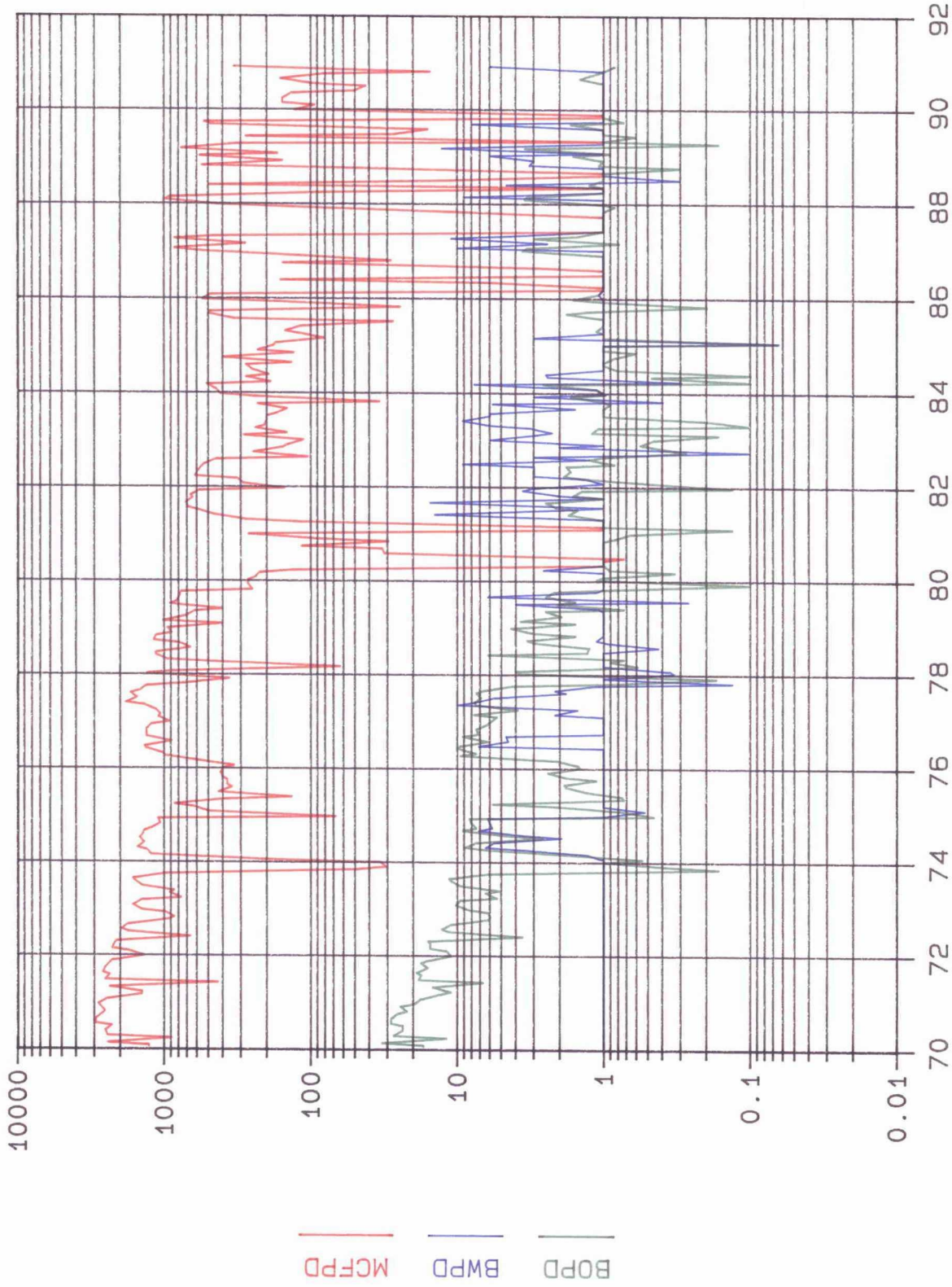
BOPD BOPD BOPD

LEASE DATA
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 FLD 48410
 OPER 833000
 ZONE PM
 20S-32E-36
 COUNTY 025
 STATE 30
 STATUS 12-80
 CO 17 MBO
 CG 466 MMCF
 BOPD 0
 BWPD 0
 MCFPD 116
 WELLS 1
 CI 0 MBWI
 BWIPD 0

YEARS

LITTLE EDDY UNIT CM STATE - 001

LEASE DATA
 LSE 436650
 FLD 48410
 OPER 833000
 ZONE PM
 20S-33E-31
 COUNTY 025
 STATE 30
 STATUS 11-90
 CO 79 MBO
 CG 8468 MMCF
 BOPD 1
 BWPD 6
 MCFPD 333
 WELLS 1
 CI 0 MBWI
 BWIPD 0



YEARS



1117

RAY POWELL, M.S., D.V.M.
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760
FAX (505) 827-5766

April 13, 1994

Texaco Exploration and Production Inc.
P. O. Box 2100
Denver, CO 80201

Attn: Mr. David L. Sleeper

Re: Little Eddy Unit
Initial Delaware Participating Area
Lea County, New Mexico

Gentlemen:

This office is in receipt of your amended application for approval of the Initial Delaware participating area for the Little Eddy Unit, Lea County, New Mexico.

Your application also includes commercial well determinations for the Little Eddy Unit Well Nos. 1 and No. 5. Please be advised that according to the data submitted, the Commissioner of Public Lands concurs with your determination that the Little Eddy Unit Well Nos. 1 and 5 are capable of producing unitized substances in commercial quantities from the Delaware formation.

Please also be advised that the Commissioner of Public Lands has this date approved your amended application for the initial Delaware participating area. Such participating area is described as the SW/4SW/4 of Section 32, Township 20 South, Range 33 East, Lots 1,2,7 and 8, Section 5, Township 21 South, Range 32 East containing 202.24 Acres and is effective March 26, 1993. Please disregard our letter of August 19, 1993.

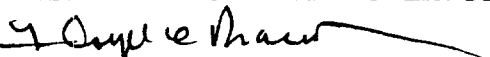
Pursuant to Section 11 of the unit agreement, our approval is subject to like approval by the Bureau of Land Management and the New Mexico Oil Conservation Division.

Texaco Exploration and Production, Inc.
Page 2
April 13, 1994

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY B. POWELL
COMMISSIONER OF PUBLIC LANDS

BY: 
FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
RBP/FOP/pm

cc: Reader File

OCD

BLM - Attn: Mr. Gary Gourley

TRD- Attn: Mr. Mike Holden

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION

TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International Letter Telegram

1220
(R 11-54)

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

LA 154 830 122 OCC

1936 JUL 19 PM 12 05

(43) 005

C RWA047 CONG DC PD=ROSWELL NMEX 19 1121AMM=

NEW MEXICO OIL CONSERVATION COMMISSION=

CAPITOL BLDG SANTA FE NMEX=

ATTENTION? WARREN HANKIN PLEASE PUBLISH NOTICE FOR
HEARING FOR AUGUST 6 ON APPLICATION OF RICHARDSON AND
BASS, A COMPARTNERSHIP COMPOSED OF SID W. RICHARDSON AND
PERRY R. BASS, FOR APPROVAL OF LITTLE EDDY UNIT AGREEMENT
EMBRACING 54,044.08 ACRES, EDDY AND LEA COUNTIES, N.M.,
SITUATED IN TOWNSHIPS 19. 20, 21 AND 22 SOUTH, RANGES 31,
32 AND 33 EAST, N.M.P.M. THIS UNIT CONSISTS OF FEDERAL,
STATE AND PEE LANDS AND DESIGNATION OF UNIT AND FORM OF
AGREEMENT HERETOFORE APPROVED BY U.S.G.S FORMAL
APPLICATION WILL BE FILED AS SOON AS POSSIBLE=

HERVEY DOW AND HINKLE P O BO 547 ROSWELL NEW
MEXICO=

MAIN OFFICE OCC

1936 JUL 19 PM 1:10

19S 32E
20S 32E
21S 31E
22S 31E

19S 32E
33E

20S 32E
33E

21S 31E
32E

22S 31E
32E

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

1117
MAIN OFFICE OCC *William A. & Edward R. Hudson*
1510 First National Building
1963 JAN 28 AM 8:37 *Fort Worth, Texas*

January 25th, 1963

Oil Conservation Commission
State of New Mexico
Santa Fe, New Mexico

Gentlemen:

We enclose a single copy of a Consent and Ratification of the Little Eddy Unit Agreement and Unit Operating Agreement, committing Federal Lease LC-066446, to said Unit Agreement.

Yours very truly,



ERH:m
Encl

EDWARD R. HUDSON, FOR
WILLIAM A. & EDWARD R. HUDSON

William A. & Edward R. Hudson

1510 First National Building

Fort Worth, Texas
MAIN OFFICE OCC

January 28th, 1963

1963 JAN 28 AM 8:37

U. S. Geological Survey
P. O. Drawer 1857
Roswell, New Mexico

Gentlemen:

I enclose the original and three copies of Consent and Ratification of the Little Eddy Unit Agreement and Unit Operating Agreement covering lands in Eddy and Lea Counties, New Mexico, executed by William A. and wife, Roxie E. Hudson, and Edward R. and wife, Josephine T. Hudson, committing Lease No. 12-086446 to that Unit Agreement and ratifying the terms of that Unit Operating Agreement.

We are continuing negotiations with the Operator of that Unit, Perry P. Leco, with a view of working out an equitable basis for settlement with them in joining the Unit.

If there are any further requirements, kindly notify us.

We are filing a single copy of this Consent and Ratification with the Commissioner of Public Lands and the Oil Conservation Commission of the State of New Mexico.

Yours truly,

Edward R. Hudson

EDWARD R. HUDSON, FOR
WILLIAM A. & EDWARD R. HUDSON

EPH:m
Encls

ILLEGIBLE

MAIN OFFICE OCC

1963 JAN 28 AM 11:38
CONSENT AND RATIFICATION OF
LITTLE EDDY UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

The undersigned acknowledge receipt of a copy of the Unit Agreement and Unit Operating Agreement for the development and operation of the Little Eddy Unit Area dated the 15th day of June, 1956, embracing lands situated in Eddy and Lea Counties, New Mexico, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold interest in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the Unit Agreement as Exhibit "B", do hereby commit all of their said interest to the Little Eddy Unit Agreement and Unit Operating Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement and Unit Operating Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Lease Committed:

LC-066446

William A. Hudson
William A. Hudson

Roxie E. Hudson
Roxie E. Hudson

Edward R. Hudson
Edward R. Hudson

Josephine T. Hudson
Josephine T. Hudson

THE STATE OF TEXAS)
)
COUNTY OF TARRANT)

The foregoing instrument was acknowledged before me this 15th day of January, 1963, by WILLIAM A. HUDSON and wife, ROXIE E. HUDSON, and EDWARD R. HUDSON and wife, JOSEPHINE T. HUDSON.

J. B. Miller
Notary Public, Tarrant County,
Texas.
My Commission Expires: 6/1/63

MAIN OFFICE OCC
1963 MAR 4 AM 8:21

CONSENT AND RATIFICATION OF
LITTLE EDDY UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

The undersigned acknowledge receipt of a copy of the Unit Agreement and Unit Operating Agreement for the development and operation of the Little Eddy Unit Area dated the 15th day of June 1956, embracing lands situated in Eddy and Lea Counties, New Mexico, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold interest in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the Unit Agreement as Exhibit "B", do hereby commit all of their said interest to the Little Eddy Unit Agreement and Unit Operating Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement and Unit Operating Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Lease Committed:

LC-066446

Chas. H. Moore
Chas. H. Moore

Anita G. Moore
Anita G. Moore

B. D. Moore, Jr.
B. D. Moore, Jr.

Eleanor Moore
Eleanor Moore

Frances Moore Shelton
Frances Moore Shelton

Kenneth R. Shelton
Kenneth R. Shelton

David W. Moore
David W. Moore

Mary Lee Moore
Mary Lee Moore

Carol Pauls Moore
Carol Pauls Moore, a widow

ATTEST:
[Signature]
Its TRUST OFFICER

FIRST HUTCHINGS-SEALSY NATIONAL BANK OF
GALVESTON, TRUSTEE OF FRANCES B. MOORE

By: [Signature] Vice President
Its TRUST OFFICER

ATTEST:
[Signature]
Its TRUST OFFICER

THE FIRST NATIONAL BANK OF ROSWELL, GUARDIAN
OF THE MINORS, JOHN KNOX HUTCHINGS MOORE
AND DONALD BARTLETT MOORE

By: [Signature]
Its VICE PRESIDENT AND TRUST OFFICER

ATTEST:
[Signature]
Its TRUST OFFICER

THE STATE OF TEXAS)
)
COUNTY OF HARRIS)

The foregoing instrument was acknowledged before me this ____ day of February, 1963, by CHAS. H. MOORE.

Notary Public, Harris County, Texas
My Commission Expires: 6/1/63

THE STATE OF TEXAS)
)
COUNTY OF HARRIS)

The foregoing instrument was acknowledged before me this ____ day of February, 1963, by ANITA G. MOORE, wife of CHAS H. MOORE.

Notary Public, Harris County, Texas
My commission Expires: 6/1/63

THE STATE OF TEXAS)
)
COUNTY OF GALVESTON)

The foregoing instrument was acknowledged before me this 25 day of February, 1963, by R. D. MOORE, JR., and wife, ELEANOR MOORE.

Mrs. Delma Sims

Notary Public, Galveston County, Texas
My Commission Expires: 6/1/63

THE STATE OF TEXAS)
)
COUNTY OF GALVESTON)

The foregoing instrument was acknowledged before me this 25 day of February, 1963, by FRANCES MOORE SHELTON and husband, KENNETH R. SHELTON.

Mrs. Delma Sims

Notary Public, Galveston County, Texas
My Commission Expires: 6/1/63

THE STATE OF TEXAS)
)
COUNTY OF GALVESTON)

The foregoing instrument was acknowledged before me this 25 day of February, 1963, by DAVID W. MOORE and wife, MARY LEE MOORE.

Mrs. Delma Sims

Notary Public, Galveston County, Texas
My Commission Expires: 6/1/63

THE STATE OF TEXAS)
)
COUNTY OF HARRIS)

The foregoing instrument was acknowledged before me this ____ day of February, 1963, by CAROL PAULS MOORE, a widow.

Notary Public, Harris County, Texas.
My Commission Expires: 6/1/63

THE STATE OF TEXAS)
)
COUNTY OF GALVESTON)

The foregoing instrument was acknowledged before me this 25th day of February, 1963, by ERNEST STAVENHAGEN, the Vice President of the FIRST HUTCHINGS-SEALY NATIONAL BANK OF GALVESTON, Trustee of Frances B. Moore.

Robert R. Roberts, Jr.
Notary Public, Galveston County, Texas
My Commission Expires: 6/1/63

THE STATE OF NEW MEXICO)
)
COUNTY OF CHAVES)

The foregoing instrument was acknowledged before me this 27th day of February, 1963, by Wilma M. Sherman, the VICE PRESIDENT AND TREASURER of the FIRST NATIONAL BANK OF ROSWELL, Guardian of the Minors, JOHN KNOW HUTCHINGS MOORE and DONALD BARTLETT MOORE.

Wilma M. Sherman
Notary Public, Chaves County, New Mexico
My Commission Expires: Commission Expires May 4, 1965

William A. & Edward R. Hudson
1516 First National Building
Fort Worth, Texas 21

1117

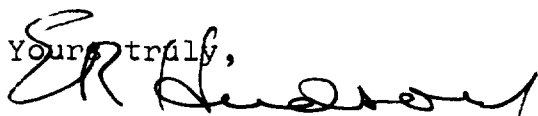
February 28, 1963

Oil Conservation Commission
State of New Mexico
Santa Fe, New Mexico

Gentlemen: Re: LC-066446

Supplementing our application on the subject lease for the Little Eddy Unit, we enclose a single copy of a Consent and Ratification of the Little Eddy Unit Agreement and Unit Operating Agreement, executed by Chas H. Moore and wife, Anita G. Moore, B. D. Moore, Jr., and wife, Eleanor Moore, Frances Moore Shelton and husband, Kenneth R. Shelton, David W. Moore and wife, Mary Lee Moore, Carol Pauls Moore, a widow, First Hutchings-Sealy National Bank of Galveston, Trustee of Frances B. Moore, and The First National Bank of Roswell, Guardian of the Minors, John Knox Hutchings Moore and Donald Bartlett Moore,, who are the joint owners of a 15% working interest in Federal Lease LC-066446.

Yours truly,



ERHJr:m
Encl

EDWARD R. HUDSON, JR., FOR
WILLIAM A. & EDWARD R. HUDSON

1117

**CONSENT AND RATIFICATION OF
LITTLE EDDY UNIT AGREEMENT and
UNIT OPERATING AGREEMENT**

The undersigned (whether one or more) hereby acknowledge receipt of a copy of the Unit Agreement and Unit Operating Agreement for the development and operation of the Little Eddy Unit Area embracing lands situated in Lea and Eddy Counties, New Mexico, which said agreements are dated the 15th day of June, 1956, and acknowledge that they have read the same and are familiar with the terms and conditions thereof. The undersigned also being the owners of the leasehold royalty or other interest in the lands or minerals embraced in said Unit Area, as indicated on the schedule attached to the Unit Agreement as Exhibit "B", do hereby commit all of their said interest to the Little Eddy Unit Agreement and Unit Operating Agreement and do hereby consent thereto and ratify all of the terms and provisions thereof, exactly the same as if the undersigned had executed the original of said Unit Agreement and Unit Operating Agreement or a counterpart thereof.

IN WITNESS WHEREOF, this instrument is executed by the undersigned as of the date set forth in their respective acknowledgments.

Lease Committed:

NM-0301929

ATTEST:

Maria Roney
Asst. Sec'y - Treas.

LEONARD OIL COMPANY

By Robert J. Leonard
PRESIDENT

STATE OF NEW MEXICO

COUNTY OF

The foregoing instrument was acknowledged before me this the

17th day of March, 1964 by Robert J. Leonard, President
of LEONARD OIL COMPANY.

My commission expires:

March 12, 1967

Margaret M. Sutton
Notary Public

Approved and Consented to:

PERRY R. BASS, Unit Operator

By W. P. Duncan, Jr.
W. P. Duncan, Jr., Attorney-in-Fact

Memo

From

AM
8/10/56

To Legal

Re: Case 1117

OK

OK to write ^{Wron} 8/10/56

Order approving
Same.

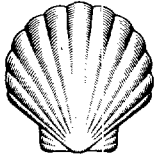
EXHIBIT B

SCHEDULE 1

Initial Participating Area "A" for the Pennsylvanian Formation

| Tract No. | Lease No. | Description | No. Acres | Ownership | Percentage Committed | Participation % |
|----------------------|-----------------------|--|-----------|---|----------------------|-----------------|
| 125 | A. Richards et al fee | SE 1/4 Sec 25, T20S, R32E W 1/2 SW 1/4 Sec 30, T20S, R32E | 240 | Texas Co .8750 - W.I. | None | 66.67% |
| | | | | Audie Richards et al .1250 - Royalty | None | |
| 92 | State Lease E-5231-2 | NE 1/4 Sec 36, T20S, R32E NW 1/4 Sec 31, T20S, R32E | 80 | Texas Co .8750 - W.I. | 100% | 22.22% |
| | | | | St. of N.M. .1250 - Royalty | 100% | |
| 113 | State Lease E-9543 | NW 1/4 Sec 36, T20S, R32E | 40 | Texas Co .8750 - W.I. | 100% | 11.11% |
| | | | | St. of N.M. .1250 - Royalty | 100% | |
| TOTAL - Texas Co | | | | .875000 | Working Interest | |
| State of N. Mexico | | | | .041667 | Royalty Interest | |
| Audie Richards et al | | | | .083333 | Royalty Interest | |
| | | | | <u>1.000000</u> | | |

Texas Co # 1 Audie Richards
Completed 3-17-58



SHELL OIL COMPANY

PETROLEUM BUILDING

P. O. BOX 1509

MIDLAND, TEXAS

March 12, 1957

file

Subject: Lea County, New Mexico

Salt Lake Area

NM-1763 - USA (NM-01135-A)

Little Eddy Unit Agreement

Dated June 15, 1956, Effective

November 2, 1956

Manager,
United States District Land and Survey Office
Bureau of Land Management
P. O. Box 1251
Santa Fe, New Mexico

Commissioner of Public Lands
New Mexico State Land Office
Santa Fe, New Mexico

Oil and Gas Supervisor
United States Geological Survey
P. O. Box 6721
Roswell, New Mexico

Oil Conservation Commission
State of New Mexico
Santa Fe, New Mexico

Gentlemen:

Reference is made to the Little Eddy Unit Agreement No. 14-08-001-3464 covering lands situated in Eddy and Lea Counties, New Mexico, and to which Shell Oil Company is a party.

At the time the Unit Agreement was executed, Leonard Oil Company was the Oil and Gas Lessee of record of Lease NM-01135, which covered, among other lands, the following:

Lots 1, 2, 3 and 4, and the S-1/2 N-1/2 and the SW-1/4, all in Section 3, T-20-S, R-32-E.

This particular land was described in Exhibit B to the said Unit Agreement as Tract 5-A, with the following notation on the Exhibit:

"This lease is in the process of being assigned by the Leonard Oil Company to the Shell Oil Company and has been committed to the Unit Agreement by the Shell Oil Company."

Effective as of January 1, 1957, the Assignment of Lease NM-01135 from Leonard Oil Company to Shell Oil Company, as regards the above described land, was approved, and the lease, as to said land, was assigned Lease No. NM-01135-A. The Decision of Partial Assignment Approval contained the following notation:

"The assigned area has been committed to Little Eddy Unit Agreement No. 14-08-001-3464."

In view of the recitation contained on Exhibit B to the Unit Agreement, and the recitation of commitment contained in the Decision of Partial Assignment Approval, we do not consider that there could be any question about the lease on the above described land being fully committed to the said Little Eddy Unit Agreement and the terms thereof, and being covered by the Unit Operating Agreement for the development and operation of the Unit, and actually doubt the necessity of this confirming letter.

In order, however, to avoid any question, if one exists, Shell Oil Company, the present Oil and Gas Lessee of record of Lease No. NM-01135-A, covering:

Lots 1, 2, 3 and 4, and the S-1/2 N-1/2, and the SW-1/4, all in Section 3, T-20-S, R-32-E,

does hereby and by these presents confirm that the said Oil and Gas Lease and the land covered thereby are fully covered by the said Little Eddy Unit Agreement No. 14-08-001-3464 and the terms and provisions thereof, and the Unit Operating Agreement for the development and operation of the said Unit, and does subscribe to both the said Unit Agreement and the said Unit Operating Agreement as regards the Oil and Gas Lease and the lands above described.

If you consider that any additional instruments are required to accomplish this commitment, we would appreciate being so advised by you.

Very truly yours,

SHELL OIL COMPANY

By J. L. Mitty
Attorney-in-Fact

By Dayton Howard
Assistant Secretary

cc - Richardson & Bass
Fort Worth National Bank Building
Fort Worth, Texas

Continental Oil Company
Fair Building
Fort Worth 2, Texas

The Texas Company
P. O. Box 1720
Fort Worth 1, Texas

Magnolia Petroleum Company
P. O. Box 900
Dallas 2, Texas

Mr. and Mrs. H. L. Brown
Fort Worth National Bank Building
Fort Worth, Texas

Mr. and Mrs. Fred Turner, Jr.
Box 910
Midland, Texas

cc - Argo Oil Corporation
1728 Milam Building
San Antonio 5, Texas

Mr. and Mrs. W. R. Wheeler
Fort Worth National Bank Building
Fort Worth, Texas

Gulf Oil Corporation
P. O. Box 1290
Fort Worth, Texas

Skelly Oil Company
Tulsa, Oklahoma

Honolulu Oil Corporation
215 Market Street
San Francisco 5, California

W. E. Bondurant, Jr.
First National Bank Building
Roswell, New Mexico

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

September 20, 1956

Mr. Clarence E. Hinkle
Hervey, Dow & Hinkle
P.O. Box 547
Roswell, New Mexico

Dear Sir:

As requested in your letter of September 12th, we enclose a certified copy of Order R-862 and Order R-863 approving the Little Eddy Unit Agreement for Richardson & Bass and the Railroad Mountain Unit Agreement for the Humble Oil & Refining Company.

Very truly yours,

A. L. Porter, Jr.
Secretary - Director

brp
Encls.

C
O
P
Y

LAW OFFICES

J. M. HERVEY 1874-1953

HIPAM M. DOW
CLARENCE E. HINKLE
W. E. BONDURANT, JR.
GEORGE H. HUNKER, JR.
HOWARD C. BRATTON, JR.
S. B. CHRISTY IV

J. PENROD TOLES
LEWIS C. COX, JR.

HERVEY, DOW & HINKLE
FIRST NATIONAL BANK BUILDING
ROSWELL, NEW MEXICO

TELEPHONE MAIN 2-6510

September 12, 1956

Mr. A. L. Porter, Jr.
Secretary-Director
New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Dear Mr. Porter:

We have just recently received from your office copies of your orders Nos. R-862 and R-863 approving the Little Eddy Unit Agreement for Richardson & Bass and the Railroad Mountain Unit Agreement for the Humble Oil & Refining Company.

In submitting unit agreements for final approval of the Director of the U.S.G.S., it is necessary to attach to the executed copies of the unit agreement at least one original or signed copy of the order of the Commission approving the unit agreement or a certified copy thereof. For this purpose, we would like to obtain a signed copy of each of the above orders or else, certified copies of the same. I believe it would be well to keep this in mind in the future as I am sure the other companies will all want either a signed copy or a certified copy of the order of the Commission approving any unit agreement where federal lands are involved.

With best regards, I am

Yours sincerely,

HERVEY, DOW & HINKLE

By Clarence E. Hinkle
mp

CEH:mp

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

September 6, 1956

Mr. Clarence Hinkle
Hervey, Dow & Hinkle
Box 547
Roswell, New Mexico

Dear Sir:

In behalf of your client, Richardson & Bass, we enclose two copies of Order R-862 issued August 30, 1956, by the Oil Conservation Commission in Case 1117, which was heard on August 7th at Santa Fe.

Very truly yours,

A. L. Porter, Jr.
Secretary - Director

brp
Encls.

C
O
P
Y

J. M. HERVEY 1874-1953

H. RAM M. DOW

C. LARENCE E. HINKLE

W. E. BONDURANT, JR.

GEORGE H. HUNKER, JR.

HOWARD C. BRATTON

S. B. CHRISTY IV

J. PENROD TOLES

LEWIS C. COX, JR.

LAW OFFICES
HERVEY, DOW & HINKLE

FIRST NATIONAL BANK BUILDING

ROSWELL, NEW MEXICO

TELEPHONE MAIN 2-6510

August 9, 1956

Mr. A. L. Porter, Jr.
New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Dear Mr. Porter:

We enclose original and several copies of proposed order in Case No. 1117, being the application of Richardson & Bass for approval of the Little Eddy Unit Agreement.

Yours sincerely,

HERVEY, DOW & HINKLE

By Clarence E. Hinkle
mp

CEH:mp
Encl.

April 4, 1957

In reply refer to:
Unit Division

File

Mr. Howard W. Jennings
P. O. Box 450
Roswell, New Mexico

Re: Little Eddy Unit Agreement

Dear Mr. Jennings:

We wish to thank you for the information concerning Little Eddy Unit which you sent us in your letter of April 1, 1957.

With regard to Tract 102 which was ratified by Eva Rae Saikin, Independent Executrix of the Estate of David C. Saiken. This tract covers 200 acres of State acreage.

This office has a Notice of Lis Pendens on file, and this 200 acres is included in it. This was filed in the District Court of Lea County, New Mexico, therefore, we cannot consider this acreage ratified until such time as a copy of her appointment as executrix is filed with us, and also permission from the court or a release from this Lis Pendens is on file in this office.

Very truly yours,

MURRAY E. MORGAN
Commissioner of Public Lands

By: Ted Bilberry, Supervisor
Oil and Gas Department

cc: USGS-Roswell
OCC-Santa Fe

Eva Rae Saikin
826 Pioneer Dr.
Abilene, Texas