

January 6, 1971

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366

Perry R. Eves
12th Floor Fort Worth National
Bank Building
Fort Worth, Texas 76102

Re: Pecos Lake Unit
1971 Plan of Development
Eddy County, New Mexico

ATTENTION: Mr. Howard W. Jennings

Gentlemen:

Your Plan of Development for 1971, for the Pecos Lake Unit, Eddy County, New Mexico, has been approved as of this date, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

One approved copy of the plan is enclosed herewith.

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

Sincerely yours,

GORDON C. MARSH, II, Director
Oil and Gas Department

AJM/GSM/e
encl.

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

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 19, 1971

366

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P
Y

Perry R. Bass
12th Floor
Fort Worth National Bank Building
Fort Worth, Texas 76102

Attention: Mr. Howard W. Jennings

Re: 1971 Plan of Development
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Plan of Development dated December 29, 1970, for the calendar year 1971 for the Poker Lake Unit, Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Two approved copies of the plan are returned herewith.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og
Enclosures

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

United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

IN REPLY REFER TO:

366
January 19, 1971

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

Gentlemen:

Your letter of January 12, 1971, advises that Perry R. Bass, as operator of the Poker Lake unit, Eddy County, New Mexico, has determined unit well No. 11 in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 17, T. 25 S., R. 30 E., N.M.P.M., lease Las Cruces 064894-A, to be incapable of producing unitized substances in paying quantities from the Delaware.

Unit well No. 11 was originally drilled to a total depth of 3,785 feet and abandoned in December 1959. Such well was recompleted on October 23, 1970, from perforations at 3,692 feet in the Delaware and tested on November 18 for an initial potential of 16 barrels of oil and 190 barrels of water per day. During November, the well produced 380 barrels of oil and 3,909 barrels of water and in December, it produced 295 barrels of oil and 3,330 barrels of water.

This office concurs with your determination that the well is not capable of producing unitized substances in paying quantities under existing conditions. Two surplus copies of the notice are attached.

Sincerely yours,

(ORIG. SCL) N. O. FREDERICK

N. O. FREDERICK
Regional Oil and Gas Supervisor

cc:
Washington (w/cy notice)
Artesia (w/cy notice)
Com. of Pub. Lands, Santa Fe (ltr only)
NMOCC, Santa Fe (ltr only)
Accounts
Lease File

RECEIVED

OCT 30 1971

Drawer 1857
Roswell, New Mexico 88201

OIL CONSERVATION COMM.
SANTA FE

October 18, 1971

366

Perry R. Bass
Twelfth Floor
Fort Worth National Bank Building
Fort Worth, Texas

Attention: Mr. Howard W. Jennings

Gentlemen:

Your 1971 plan of development dated December 29, 1970, for the Poker Lake unit area, Eddy County, New Mexico, advising that further seismic work will be performed in the northern portion of the unit area and proposing the drilling of no additional wells, has been approved on this date.

Inasmuch as the unit agreement does not contain an automatic elimination clause and no wells have been drilled in the unit area since January 1970, your 1972 plan of development should contain appropriate drilling commitments for the continued exploration of the unitized area and determination of the area capable of producing unitized substances in paying quantities as required by Section 10 of the agreement. In the absence of additional drilling during 1972, it will be necessary for you to show cause as to why the provisions of Section 2(d) of the unit agreement should not be invoked.

Two approved copies of the plan are enclosed.

Sincerely yours,

(ORIG. SGD.) N. O. FREDERICK

N. O. FREDERICK
Regional Oil and Gas Supervisor

cc:
Washington (w/cy plan)
Artesia (w/cy plan)
NMOCC, Santa Fe (ltr. only) ✓
Com. Public Lands, Santa Fe (ltr. only)

PERRY R. BASS
12TH FLOOR FT. WORTH NAT'L BANK BLDG.
FORT WORTH, TEXAS
76102

RECEIVED

JAN - 5 1972

Oil CONSERVATION COMM.
SANTA FE

December 30, 1971

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

Re: Plan of Development
Poker Lake Unit -
Area No. 14-08-001-003
Eddy County, New Mexico

Gentlemen:

In compliance with Section 10 of the Poker Lake Unit Agreement, dated July 16, 1952, Perry R. Bass, as Unit Operator, hereby submits for your approval a Plan of Development for 1972.

HISTORY OF PAST DEVELOPMENT

The past development on this Unit has consisted of four deep wells drilled to a depth of 13,500' or below. In addition to the four deep tests, 35 shallow wells have been drilled to develop Delaware or Lower Delaware production.

During the year 1971, approximately 30 miles of new seismic work was done in T-24-S, R-30-E, with the prospect of a deep Morrow test being drilled. Due to the fact that the undersigned did not control all of the acreage under this proposed location, the option by a third party to drill this well was not exercised.

FUTURE DEVELOPMENT

For 1972, a two-pronged plan of development is being proposed. The undersigned currently has its Engineering and Production Departments studying the feasibility and economics of re-entry and whipstock of the Richardson & Bass #1 Harrison in an attempt to extend Morrow production into this unit. This will require cutting a window in the casing and drilling a new sidetrack hole through the prospective pay zones. These same studies are being made on the Pan American #36 Poker Lake with the same objective

1972 Plan of Development
Poker Lake Unit -
Eddy County, New Mexico

December 30, 1971
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in mind.

At the present time, we have a third party interested in drilling a shallow well in the SW/4 NW/4 of Section 17, T-25-S, R-30-E. This well will be a Morrow test, and it is hopeful that negotiations will be completed early in 1972. We also have a farmout being made at the present time for a well to be drilled in the NE/4 NE/4 of Section 31, T-24-S, R-31-E, by Mr. E. P. Whealdon of Midland, Texas. The undersigned has agreed to contribute 480 acres around the location, while Superior has agreed to contribute 160 acres in Section 32, T-24-S, R-31-E, in support of this well. We are attempting to negotiate a reasonable trade with Pauley Petroleum, and it is anticipated that these negotiations will result in the drilling of this well early in 1972.

The undersigned has its Geological staff making detailed studies of the Atoka and Morrow sections of the Pennsylvanian formation at the present time. It is our feeling that this unit has excellent potential for gas reserves in these formations, and that the Morrow formation must be considered the primary objective. Morrow production can be found east, west and north of the unit, and the Morrow Sands are deposited in six major clastic cycles over an 800' vertical interval. This cycle appears to be deposited over the unit under blanket conditions. As yet, we do not have enough control to establish sufficient information to locate Morrow tests. However, additional information is being developed, such as the new seismic work, in the hope that some Morrow tests can be drilled.

ADDITIONAL DEVELOPMENT

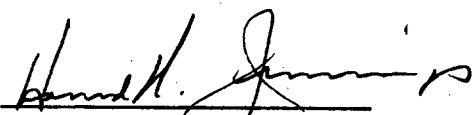
This Plan of Development shall constitute the drilling obligations of the Unit Operator under the terms of the Poker Lake Unit Agreement ending December 31, 1972. Before this plan expires, a subsequent Plan of Development will be forwarded for your approval.

MODIFICATION

It is understood that this Plan of Development shall be effective as of January 1, 1972. If this plan meets with your approval, please indicate in the appropriate space and return one copy for our files.

Yours very truly,

PERRY R. BASS

By: 
Howard W. Jennings

1972 Plan of Development
Poker Lake Unit -
Eddy County, New Mexico

December 30, 1971
Page 3

Approved: _____ Date: _____
Supervisor, United States Geological Survey

Approved: _____ Date: _____
Commissioner of Public Lands

Approved: *A. L. Porter* Date: *Feb. 11, 1972*
Oil Conservation Commission