



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer B57
Roswell, New Mexico 88201

MAIN OFFICE OCC
'70 JAN 20 AM 8 10

IN REPLY REFER TO:

January 16, 1970

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

Gentlemen:

Your 1970 plan of development for the Poker Lake unit area, Eddy County, New Mexico, proposing the drilling of no additional wells pending the evaluation of the commercial possibilities of unit well No. 38, has been approved on this date subject to like approval by the appropriate State officials.

One approved copy of the plan is enclosed.

Sincerely yours,

(Sgd.) CARL C. TRAYWICK

CARL C. TRAYWICK
Acting Oil and Gas Supervisor

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

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 21, 1970

366

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

Re: 1970 Plan of Development
Poker Lake Unit, Eddy County,
New Mexico

Dear Mr. Bass:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Plan of Development for the Calendar Year 1970 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.

One approved copy of the plan is returned herewith.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og
Enclosure

cc: United States Geological Survey
Roswell, New Mexico

Commissioner of Public Lands
Santa Fe, New Mexico

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

IN REPLY REFER TO

366

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

April 2, 1970

Gentlemen:

Your letter of March 20, 1970, advises that as operator of the Poker Lake unit, Eddy County, New Mexico, you have determined that unit well No. 39 in the NE1/4 sec. 19, T. 25 S., R. 30 E., N.M.P.M., lease Las Cruces 070341, is not capable of producing unitized substances in paying quantities from the Delaware.

Well No. 38 was completed on January 5, 1970, for an initial pumping potential of 17 barrels of oil and 15 barrels of water per day from Delaware perforations in the interval from 3,650 to 3,660 feet. During January, the well produced 243 barrels of oil and during February it produced 168 barrels of oil for a daily average of approximately 9 and 6 barrels of oil per day, respectively.

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,

(Sgd.) CARL C. TRAYWICK
CARL C. TRAYWICK
Acting Oil and Gas Supervisor

cc;
Washington (w/cy notice)
Artesia (w/cy notice)
Com. Pub. Lands, Santa Fe (ltr. only)
MNOCC, Santa Fe (ltr. only) ✓
Accounts
Lease File

PERRY R. BASS
12TH FLOOR FT. WORTH NATL BANK BLDG.
FORT WORTH, TEXAS
76102

December 29, 1970

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

Re: Plan of Development
Poker Lake Unit -
Area No. 14-08-001-303
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 1971.

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.

Poker Lake Unit Well No. 38 was drilled during the years 1969-70. The location of this Unit well is in Section 19, Township 25 South, Range 30 East. The well was drilled to a total depth of 3,682' and plugged back to 3,661'. The well encountered the Delaware Sand from 3,650-60' and was completed in January, 1970 for 17 BO and 15 BWPD, plus a small amount of gas.

During the year 1970, the Perry R. Bass No. 1 Bass Continental Federal was reworked. This well is located in the NW/4 of Section 20, Township 25 South, Range 30 East. The well was perforated from 3,064-66' and 3,671-73' and was re-completed during the year to pump 30 BO and 80 BW.

In 1959, Alamo Corporation drilled Poker Lake Unit A-7 Well No. 11 and plugged and abandoned same as a dry hole. In August, 1970, Perry R. Bass re-entered said location. The location was leveled, and the 8-5/8" casing was dynamited to free the surface marker. Drilling was commenced August 31, 1970,

and the well was subsequently re-drilled and fraced with a new Halliburton type frac, and the well was completed December 1, 1970 for 17 BO and 162 BW.

FUTURE DEVELOPMENT

We are still production testing the No. 11 Poker Lake well to see if the new frac treatment will adequately develop porosity and permeability in the Delaware section. Depending upon these tests, additional reservoirs can possibly be developed in these Delaware wells.

Our exploration program is continuing on this Unit, and we have just executed a seismic option agreement with American Trading Company to provide for at least 20 miles of new seismic work in the northern portion of this Unit, with the further commitment that if the seismic work proves out, a Devonian test will be drilled on the Unit.

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, 1971. 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, 1971. 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

Approved: _____
Supervisor, United States Geological Survey

Date: _____

Approved: _____
Commissioner of Public Lands

Date: _____

Approved: 
Oil Conservation Commission

Date: January 19, 1971