

EXHIBIT "B"

JAMES RANCH UNIT AREA, EDDY COUNTY, NEW MEXICO
TOWNS. 22 and 23 S., RANGES. 30 and 31 E., N.M.P.M.

SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS
INTERESTS IN ALL LANDS IN THE UNIT AREA

Tract No.	Description of Land	No. of Acres	Application or Ser. No. & Effective Date	Basic Royalty & Percentage	Lessee of Record	Overriding Royalty & Percentage	Working Interest Owner
<u>FEDERAL LAND</u>							
1.	T-22-S, R-30-E Sec. 12: N/2 SE/4, SW/4 SE/4, S/2 SW/4 Sec. 23: S/2 SW/4, NW/4 SW/4	320	NM 0300 11-1-51	USA-All	Sid W. Richardson & Perry R. Bass	Allie V. Tapp 3%	Bass Enterprises Production Co. & Perry R. Bass
2.	T-23-S, R-31-E Sec. 5: SW/4 NW/4, W/2 SW/4	120	NM 02883-A	USA-All	Sid W. Richardson & Perry R. Bass	Marguerite Payne, Obligation \$200 per acre out of .5% of production	Bass Enterprises Production Co. & Perry R. Bass
3.	T-23-S, R-30-E Sec. 1: Lots 3 & 4	80.72	NM 02884-A 4-1-52	USA-All	Sid W. Richardson & Perry R. Bass	Wallace Wimberly Obligation \$400 per acre out of 1% of production	Bass Enterprises Production Co. & Perry R. Bass
3-A	T-23-S, R-30-E Sec. 1: Lots 1 & 2, S/2 NE/4, SE/4	320.24	NM 02884-B 4-1-52	USA-All	Sid W. Richardson & Perry R. Bass	Wallace Wimberly Obligation \$400 per acre out of 1% of production	Bass Enterprises Production Co. & Perry R. Bass
4.	T-23-S, R-31-E Sec. 6: Lots 1, 2, S/2 NE/4, NE/4 SE/4 Sec. 7: Lots 3, 4, E/2 SW/4 Sec. 8: Lots 1, 2, E/2 NW/4, NE/4	685.50	NM 02887-A 4-1-52	USA-All	Wallace Wimberly	Wallace Wimberly Obligation \$400 per acre out of 1% of production	Continental Oil Co.
4-A	T-23-S, R-31-E Sec. 5: Lot 4 Sec. 7: W/2 E/2, SE/4 NE/4 E/2 SE/4	319.98	NM 02887-B 4-1-52	USA-All	Sid W. Richardson & Perry R. Bass	Wallace Wimberly Obligation \$400 per acre out of 1% of production	Bass Enterprises Production Co. & Perry R. Bass

EXHIBIT "B"

4-B	T-23-S, R-31-E <u>Sec. 6: Lots 3,4,5, SE/4 NW/4</u> Sec. 7: Lots 1,2, E/2 NW/4	323.67	NM 02887-D	USA-All	Sid W. Richardson & Perry R. Bass	Wallace Wimberly Obligation \$400 per acre out of 1% of production	Bass Enterprises Production Co. & Perry R. Bass
5.	T-22-S, R-30-E <u>Sec. 15: N/2</u>	320	NM 02951-A 5-1-52	USA-All	Sid W. Richardson & Perry R. Bass	Reagan H. Legg Obligation \$400 per acre out of 1% of production	Bass Enterprises Production Co. & Perry R. Bass
6.	T-22-S, R-30-E <u>Sec. 27: SE/4</u> Sec. 33: E/2 Sec. 34: S/2	800	NM 02952 5-1-52	USA-All	Continental Oil Co.	Regan H. Legg Obligation \$200 per acre out of .5% of production Marvin J. Coles Obligation \$200 per acre out of .5% of production	Continental Oil Co.
6-A	T-22-S, R-30-E <u>Sec. 27: N/2</u> Sec. 34: N/2 Sec. 35: S/2	960	NM 02952-A 5-1-51	USA-All	Sid W. Richardson & Perry R. Bass	Reagan H. Legg Obligation \$200 per acre out of .5% of production Marvin J. Coles Obligation \$200 per acre out of .5% of production	Bass Enterprises Production Co. & Perry R. Bass
6-B	T-22-S, R-30-E <u>Sec. 27: SW/4</u> Sec. 35: NW/4	320	NM 02952-B 5-1-52	USA-All	Sid W. Richardson & Perry R. Bass	Reagan H. Legg Obligation \$200 per acre out of .5% of production Marvin J. Coles Obligation \$200 per acre out of .5% of production	Bass Enterprises Production Co. & Perry R. Bass
6-C	T-22-S, R-30-E <u>Sec. 35: NE/4</u>	160	NM 02952-C 5-1-52	USA-All	Sid W. Richardson & Perry R. Bass	Reagan H. Legg Obligation \$200 per acre out of .5% of production	Bass Enterprises Production Co. & Perry R. Bass

EXHIBIT "B"

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7.	T-22-S, R-30-E <u>Sec. 15: SW/4</u> Sec. 21: E/2 SE/4 Sec. 22: SE/4 Sec. 26: W/2 SE/4 T-22-S, R-31-E <u>Sec. 31: Lots 1 & 2</u> E/2 NW/4, NE/4	800.86	NM 02953 5-1-52	USA-All	Continental Oil Co.	Marvin J. Coles Obligation \$200 per acre out of .5% of production Reagan H. Legg Obligation \$220 per acre out of .5% of production Marvin J. Coles Obligation \$200 per acre out of .5% of production	Continental Oil Co.
7-A	T-22-S, R-30-E <u>Sec. 22: N/2</u> Sec. 26: SW/4	480	NM 02953-A 5-1-52	USA-All	Sid W. Richardson & Perry R. Bass	Reagan H. Legg Obligation \$200 per acre out of .5% of production	Bass Enterprises Production Co. & Perry R. Bass
7-B	T-22-S, R-30-E <u>Sec. 15: SE/4</u> Sec. 21: E/2 NE/4 Sec. 22: SW/4 Sec. 26: NW/4	560	NM 02953-B 5-1-52	USA-All	Sid W. Richardson & Perry R. Bass	Reagan H. Legg Obligation \$200 per acre out of .5% of production Marvin J. Coles Obligation \$200 per acre out of .5% of production	Bass Enterprises Production Co. & Perry R. Bass
7-C	T-22-S, R-30-E <u>Sec. 26: E/2 SE/4</u> T-22-S, R-31-E <u>Sec. 31: S/2</u>	400.98	NM 02953-C 5-1-52	USA-All	Sid W. Richardson & Perry R. Bass	Reagan H. Legg Obligation \$220 per acre out of .5% of production Marvin J. Coles Obligation \$200 per acre out of .5% of production	Bass Enterprises Production Co. & Perry R. Bass
8	T-23-S, R-31-E <u>Sec. 6: Lots 6,7, E/2 SW/4,</u> W/2 SE/4, SE/4 SE/4	282.09	NM 04473 11-1-52	USA-All	Sid W. Richardson & Perry R. Bass	Howard W. Jennings 3% Marvin J. Coles Obligation \$200 per acre out of .5% of production	Bass Enterprises Production Co. & Perry R. Bass

EXHIBIT "B"

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9.	T-22-S, R-30-E Sec. 19: <u>Lots 1,2,3,4,</u> E/2 W/2, E/2	640.04	NM 06806 6-1-52	USA-All	Sid W. Richardson & Perry R. Bass	Oscar T. Hoover Obligation \$75 per acre out of .3% of production	Bass Enterprises Production Co. & Perry R. Bass
10.	T-22-S, R-30-E Sec. 20: <u>All</u>	640	NM 06807 6-1-52	USA-All	Sid W. Richardson & Perry R. Bass	Ernest A. Hanson Obligation \$675 per acre out of 2.7% of production	Bass Enterprises Production Co. & Perry R. Bass
11.	T-22-S, R-30-E Sec. 21: <u>W/2 E/2, W/2</u>	480	NM 06808	USA-All	Sid W. Richardson & Perry R. Bass	Robert V. Wollard 5%	Bass Enterprises Production Co. & Perry R. Bass
12.	T-22-S, R-30-E Sec. 28: <u>S/2, NE/4</u>	480	NM 0307337	USA-All	Janice Easterly		Janice Easterly
12-A	T-22-S, R-30-E Sec. 28: <u>NW/4</u>	160	NM 06809-A 7-1-52	USA-All	Sid W. Richardson & Perry R. Bass	None	Bass Enterprises Production Co. & Perry R. Bass
13	T-22-S, R-30-E Sec. 29: <u>NE/4 NE/4</u>	40	NM 06810 6-1-52	USA-All	Louis Slusky	Louis Slusky 6.25%	Bass Enterprises Production Co. & Perry R. Bass
13-A	T-22-S, R-30-E Sec. 29: <u>NW/4, SW/4, SE/4,</u> S/2 NE/4, NW/4 NE/4	600	NM 06810 6-1-52	USA-All	Louis Slusky	Louis Slusky 6.25%	Bass Enterprises Production Co. & Perry R. Bass $\frac{1}{2}$ Phillips $\frac{1}{2}$
14.	T-22-S, R-30-E Sec. 30: <u>Lots 1,2,3,4</u> E/2 W/2, SE/4, N/2 NE/4, SE/4 NE/4	599.92	NM 06811 7-1-52	USA-All	Sid W. Richardson & Perry R. Bass	Wm. V. Stone 5%	Bass Enterprises Production Co. & Perry R. Bass
15.	T-22-S, R-30-E Sec. 13: <u>W/2 W/2, NE/4 NW/4</u> Sec. 23: <u>N/2, NE/4 SW/4, SE/4</u> Sec. 24: <u>NW/4 NW/4</u> Sec. 26: <u>NE/4</u>	920	LC-064827-A 2-1-51	USA-All	Sid W. Richardson & Perry R. Bass & Joe Whitehurst	Unknown	Bass Enterprises Production Co. & Perry R. Bass $\frac{1}{2}$ Hondo Oil & Gas $\frac{1}{2}$

EXHIBIT "B"

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16.	T-22-S, R-30-E Sec. 14: <u>SW/4</u> , E/2 SE/4, SE/4 SE/4	280	LC 069877-A 5-1-51	USA-A11	Mrs. Josephine T. Hudson Wm. A. Hudson	$\frac{1}{2}$ $\frac{1}{2}$	None	Mrs. Josephine T. Hudson Wm. A. Hudson
16-A	T-22-S, R-30-E Sec. 14: <u>N/2</u>	320	LC 069877 5-1-51	USA-A11	*Mrs. Josephine T. Hudson Wm. A. Hudson	$\frac{1}{2}$ $\frac{1}{2}$	None	Bass Enterprises Production Co. & Perry R. Bass
16-B	T-22-S, R-30-E Sec. 14: <u>NE/4</u> SE/4	40	NM 0391404	USA-A11	Phillips Petroleum Co.		Unknown	Phillips Petroleum Co.
17	T-23-S, R-31-E Sec. 8: <u>W/2</u> Sec. 17: NW/4	480	LC 071988-B 8-1-51	USA-A11	Sid W. Richardson & Perry R. Bass	Alma Cannon Frank O. Elliott	1% 2%	Bass Enterprises Production Co. & Perry R. Bass

17 FEDERAL TRACTS, CONTAINING 12,934 ACRES, OR 85.9% OF UNIT AREA

*Sub-Lease from Mrs. Josephine T. Hudson and Wm. A. Hudson to
Sid W. Richardson and Perry R. Bass, approved effective August 5, 1953,
with 5% overriding royalty reserved

18-A	T-22-S, R-30-E Sec. 36: <u>N/2</u> & SW/4	640.56	E-5229-1 5-10-61	State of New Mexico 12%	Sid W. Richardson & Perry R. Bass	None		Bass Enterprises Production Co. & Perry R. Bass
	T-23-S, R-30E Sec. 2: <u>Lots 1,2,3,4</u>							

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18-B	T-22-S, R-30-E Sec. 36: SE/4	160	E-5229-2 5-10-61	State of New Mexico 12½%	Shell Oil Company	None	Shell Oil Company ½ Bass Enterprises Production Co. & Perry R. Bass ½
19	T-22-S, R-30-E Sec. 16: All Sec. 17: S/2, NE/4, E/2 NW/4	1200	E-6292-2 6-10-62	State of New Mexico 12½%	Sid W. Richardson & Perry R. Bass	None	Bass Enterprises Production Co. & Perry R. Bass
<hr/>							
2 STATE TRACTS, CONTAINING 2,000.56 ACRES, OR 13.3% of UNIT AREA							

Tract No.	Description of Land	No. of Acres	Expiration Date	Basic Royalty Owner & Percentage	Lessee of Record	Overriding Royalty & Percentage	Working Interest Owner
	FEE OR PRIVATELY OWNED LAND						
20	T-22-S, R-30-E Sec. 24: SW/4 NW/4	40		A.J. Crawford	Unknown	None	A.J. Crawford
21	T-22-S, R-30-E Sec. 30: SW/4 NE/4	40		A.J. Crawford	Unknown	None	A.J. Crawford
22	T-23-S, R-31-E Sec. 7: NE/4 NE/4	40		Charles James 3/4 William O. James 1/4	BELOO	None	BELOO (2/3) Bass Enterprises Production Co. & Perry R. Bass (1/3)
3 FEE OR PRIVATELY OWNED TRACTS, CONTAINING 120 ACRES, OR .8% OF UNIT AREA							
TOTAL 22 TRACTS, CONTAINING 15,054.56 ACRES IN JAMES RANCH AREA							
NOTE: Any reference to Bass Enterprises Production Co. - Perry R. Bass is considered							
				Bass Enterprises Production Co. (3/4)			
				Perry R. Bass (1/4)			

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

February 17, 1981

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

Attention: Jens Hansen

Re: Case No. 472
James Ranch Unit
1981 Plan of Development

Gentlemen:

We hereby approve the 1981 Plan of Development for the James Ranch Unit, Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

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

Yours very truly,

JOE D. RAMEY
Director

JDR/EP/fd
enc.

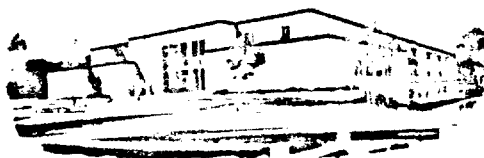
cc: U.S.G.S. - Albuquerque
Commissioner of Public Lands

C
O
P
Y

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



Commissioner of Public Lands

January 21, 1981

472
P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

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

Re: 1981 Plan of Development
James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your 1981 Plan of Development for the James Ranch Unit, Eddy County, New Mexico. Such plan proposes the drilling of an additional Morrow test during 1981. 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.

Your Three (\$3.00) Dollar filing fee has been received.

Please be advised that your timely attention to our request for additional information in regard to this plan of development has greatly facilitated our review of same. Your cooperation in this matter is appreciated.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505-827-2748

AJA/FOP/s
encls.
cc:

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



United States Department of the Interior

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

20 JAN 1981

472

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

Gentlemen:

One approved copy of your 1981 plan of development for the James Ranch unit area, Eddy County, New Mexico is enclosed. Such plan, proposing to drill well No. 9 in sec. 29, T. 22 S., R. 30 E., N.M.P.M., to test the Morrow formation, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

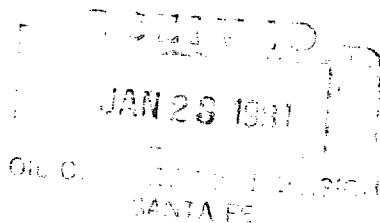
(ORIG. SGD.) GENE F. DANIEL

Gene F. Daniel
Deputy Conservation Manager
Oil and Gas

Enclosure

cc:

NMOCD, Santa Fe (ltr only)





United States Department of the Interior

GEOLOGICAL SURVEY
South Central Region
P. O. Box 26124

Albuquerque, New Mexico 87125

RECEIVED
JAN 20 1981

OIL & GAS DIVISION

15 JAN 1981 SANTA FE

472

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

Gentlemen:

Contraction of the James Ranch unit area, Eddy County, New Mexico was given preliminary approval by the Acting Conservation Manager by letter of February 6, 1980. In this letter, additional lands were recommended to also be eliminated from the unit area. Your letter of May 6, 1980 requests that the area described as the SW $\frac{1}{4}$ NW $\frac{1}{4}$ section 7, T. 22 S., R. 31 E., N.M.P.M., remain in the James Ranch unit area and not be eliminated.

Therefore, after due consideration, we hereby approve the contraction of the James Ranch unit area, effective November 9, 1978. The lands eliminated are those described in Exhibit "C" of your application and the N $\frac{1}{2}$ SE $\frac{1}{4}$ section 25, T. 22 S., R. 30 E., N.M.P.M. This approval is subject to like approval by the Commissioner of Public Lands for the State of New Mexico.

You are requested to file with this office four copies of revised Exhibits "A" and "B" which reflect the unit area and ownership following contraction.

Sincerely yours,

ORIGINAL SIGNED BY:

Gene F. Daniel
Deputy Conservation Manager
Oil and Gas

cc:
NMOCD, Santa Fe

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

December 23, 1980

United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201
CERTIFIED MAIL # 0304091

Commissioner of Public Lands
P. O. Box 1148
Santa Fe, New Mexico 87501
CERTIFIED MAIL # 0304092

Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501
CERTIFIED MAIL # 0304093

RECEIVED
DEC 26 1980
OIL CONSERVATION DIVISION
SANTA FE

472

OK
S/P
2/6/81

Re: 1981 Plan of Development
James Ranch Unit
Eddy County, New Mexico

Gentlemen:

In accordance with Section 10 of the James Ranch Unit Agreement dated April 22, 1953, Perry R. Bass, Unit Operator, hereby submits for your approval a Plan of Development for the year 1981.

History of Past Development

We have reviewed in our previous Plans of Development all wells drilled within the Unit and we refer to such Plans for specific reference therein.

1980 Activity

James Ranch Unit Well #10 - Located 1980' FNL and 660' FEL, Section 1, T23S-R30#. This well was listed on the 1979 Plan of Development but was not completed until 1980. This well was drilled to a total depth of 14,335' and was completed in the Atoka Formation as a gas well with the perforation interval

being 12,896-12,904'. The well potentialled for 11,689 MCFD and is currently producing.

James Ranch Unit Well #11 - This well is located in the SE/4, Section 36, T22S-R30E, and is currently being directionally drilled in order to reach total depth at a location in the N/2 of Section 36, T22S-R30E, to test the Morrow Formation. The results of this well will appear in this section in the 1982 Plan of Development.

James Ranch Unit Well #12 - This well is currently being drilled in Section 21, T22S-R30E, to a proposed depth of 14,500' to test the Morrow Formation. The results of this well will appear in this section in the 1982 Plan of Development.

Participating Areas

We will submit, during the year 1981, recommendations for commercial and non-commercial determinations for the above listed wells which provide sufficient production data for such determinations.

Proposed Future Development

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

James Ranch Unit Well #9 - Section 29, T22S-R30E - 14,500' Morrow test. (The James Ranch Unit Well #9 was originally assigned to a location

1495' FNL and 330' FWL, Section 6,
T23S-R31E. This well was not drilled
and the drilling permit dated April 2,
1979 has expired and as a result, this
number is being reassigned to the above
location.)

Additional Development

This Plan of Development shall constitute the drilling obligations of the Unit Operator under the terms of the James Ranch Unit Agreement ending December 31, 1981.

Modifications

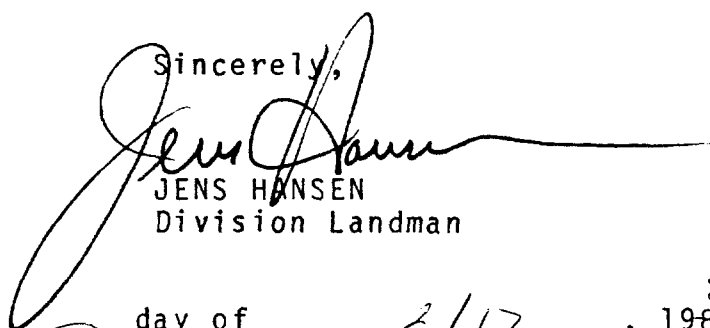
It is agreed that this Plan of Development may be modified from time to time to meet changing conditions.

Effective Date

This Plan of Development shall be effective January 1, 1981.

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

Sincerely,


JENS HANSEN
Division Landman

JH:jen

AGREED to and ACCEPTED this _____ day of 2/17, 1980⁸¹.

SIGNED BY: 

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

RECEIVED

OCT 27 1980

OIL CONSERVATION DIVISION
SANTA FE

October 20, 1980

United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

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

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

Re: James Ranch Well #7
E/2, Section 6, T23S-R31E
Eddy County, New Mexico

Gentlemen:

Under letter dated August 9, 1980, we requested that the expansion of the Participating Area for the James Ranch Unit Well #4 be delayed until Continental Oil Company could study the data on the James Ranch Well #7 in order to determine if these two wells are producing from different pools. By letter dated October 17, 1980 from Conoco Inc., copy of which is attached hereto, Conoco is recommending that the Participating Area for the James Ranch Well #4 be expanded to include the E/2 of Section 6, or the proration unit for the James Ranch Well #7.

Therefore, we request that you again consider our recommendation to enlarge the Participating Area for the James Ranch Well #4 to include the E/2 of Section 6.

Sincerely,

Jens Hansen
Division Landman

JH:vm

cc: Conoco Inc.
P. O. Box 460
Hobbs, New Mexico 88240

Belco Petroleum Corporation
Suite 100, 10000 Old Katy Road
Houston, Texas 77055
Attn: Pat Miller

472

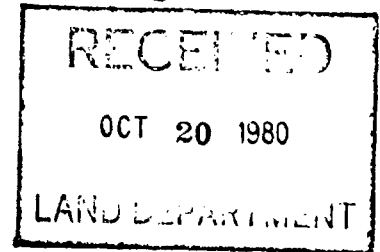
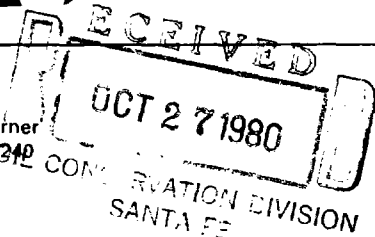


L. P. Thompson
Division Manager

John R. Kemp
Assistant Division Manager

Production Department
Hobbs Division
North American Production

Conoco Inc.
P.O. Box 460
1001 North Turner
Hobbs, NM 88240
(505) 393-4141



October 17, 1980

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

Attention Jens Hansen

Gentlemen:

Morrow Participating Area Expansion - James Ranch Unit - Eddy County,
New Mexico

After reviewing the subject case, we do not believe there is sufficient evidence to support separate participating areas for the James Ranch Unit Wells No. 4 and 7.

We therefore concur with the recommendation of Bass Enterprises that the existing participating area covering the W/2 of Section 6 be expanded to include the E/2 of said section to be effective on the completion date of Well No. 7.

Very truly yours,

HAI:rej
CC
Mr. Jack Willock
United States Geological
P.O. Box 26124
Albuquerque, New Mexico 87125



United States Department of the Interior

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

JUN 05 1980

#412

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

Gentlemen:

Your letter of July 23, 1979, advises that as operator of the James Ranch Unit, Eddy County, New Mexico, you have determined that unit well No. 3 in the NW $\frac{1}{4}$ SE $\frac{1}{4}$ section 1, T. 23 S., R. 30 E., N.M.P.M., lease NM-02884-B, is not capable of producing unitized substances in paying quantities from the Morrow formation.

Well No. 3 had a cumulative production of 220,667 MCF (15.025 pressure base) for the period of August, 1972 to March, 1973, and then ceased to produce until February, 1979, when a nominal production began. The value of this production cannot recover the well costs, production costs, and make a reasonable profit.

This office concurs with your determination that the well is not capable of producing unitized substances in paying quantities from the Morrow formation under existing conditions and retroactive to August of 1972.

Sincerely yours,

(OFFICIAL) GENE F. DANIEL

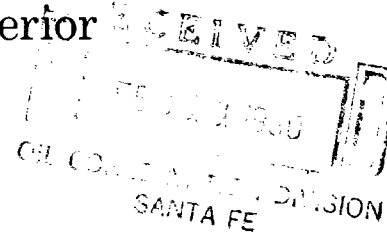
Gene F. Daniel
Acting Deputy Conservation Manager
Oil and Gas

cc:
NMOCD, Santa Fe



United States Department of the Interior

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



FEB 06 1980

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

Gentlemen:

Your application of November 30, 1979, filed with the Production and Unit Agreement Supervisor, Roswell, New Mexico, requests preliminary approval of a proposed contraction of the James Ranch unit area, Eddy County, New Mexico.

The James Ranch Unit Agreement, No. 14-08-001-558, was approved effective June 16, 1953. The unit area presently embraces 20,656.98 acres, more or less. Your proposed contraction is to eliminate lands that were condemned as to all depths by the United States in a final judgment entered on November 9, 1978. In addition to those lands, which are described in Exhibit "C" of your application, we suggest that 80.00 acres described as the N $\frac{1}{2}$ SE $\frac{1}{4}$ section 25, T. 22 S., R. 30 E. and the 39.85 acres described as the SW $\frac{1}{4}$ NW $\frac{1}{4}$ section 7, T. 22 S., R. 31 E. also be eliminated from the James Ranch Unit Agreement, thus leaving one contiguous unit area. Upon approval of the contraction as described above, the unit area will contain 14,893.56 acres, more or less.

Four copies of the application for final approval with an effective date of November 9, 1978, accompanied with revised Exhibits "A" and "B," should be filed with the Oil and Gas Supervisor in Albuquerque, New Mexico.

Sincerely yours,

ORIG. SGD. E. J. COX

EJC Acting Conservation Manager
for the Director

Enclosures

BLM, Santa Fe (letter only)
Commissioner of Public Lands (letter only)
N.M. Oil Conservation Division (letter only) ✓



ONE HUNDRED YEARS OF EARTH SCIENCE IN THE PUBLIC SERVICE



United States Department of the Interior

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

472
FEB 01 1980

Perry R. Bass
Attention: Jens Hansen
Fort Worth National Bank Building
Fort Worth, Texas 76102

Dear Mr. Bass:

One approved copy of your 1980 plan of development for the James Ranch unit area, Eddy County, New Mexico, is enclosed. Such plan, proposing the drilling of two additional wells to test the Morrow formation, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SGL.) JAMES W. SUTHERLAND

James W. Sutherland
Oil and Gas Supervisor, SRMA

Enclosure

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



ONE HUNDRED YEARS OF EARTH SCIENCE IN THE PUBLIC SERVICE

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



Commissioner of Public Lands
January 23, 1980

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

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

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

072

ATTENTION: Mr. Jens Hansen

Gentlemen:

Your Plan of Development for 1980 for the James Ranch Unit, dated December 19, 1979, was never approved by this office. On December 27, 1979 you re-submitted your 1980 Plan of Development advising us that the # 9 Well might still be drilled under the existing drilling permit. Also, The well mentioned in your first Plan of Development to be located in Section 36 is now the James Ranch Unit # 12.

The Commissioner of Public Lands has this date approved your 1980 Plan of Development as submitted with your letter of December 27, 1979. 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

RECEIVED

JAN 24 1980

Oil Conservation

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



Commissioner of Public Lands
January 23, 1980.

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

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

472
Re: Notice of Request for
Contraction of the Unit
The James Ranch Unit Area,
Eddy County, New Mexico

ATTENTION: Mr. Perry R. Bass

Gentlemen:

We are in receipt of your letter dated November 30, 1979 together with a new Application for Contraction of the James Ranch Unit, containing the changes requested by the United States Geological Survey.

The Commissioner of Public Lands has this date approved such application for contraction which will include all lands under "Area of Total Take" on your Exhibit "C", and the exclusion of the lands which will be eliminated from the surface of the ground down to a depth of 6,000, including also the 80 acres owned by Continental. Our approval is subject to like approval by the United States Geological Survey.

Enclosed is one approved copy for your files.

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

RECEIVED

JAN 24 1980

Oil Conservation

EXHIBIT "C"

I. Area of Total Take

*Only lands
Contracted*

Township 22 South, Range 31 East, N.M.P.M., Eddy County,
New Mexico

Section 7: S 1/2, S 1/2 NE 1/4, SE 1/4 NW 1/4;
Section 8: SW 1/4, S 1/2 NW 1/4;
Section 17: W 1/2, SE 1/4;
Section 18: All;
Section 19: All;
Section 20: All;
Section 29: W 1/2 W 1/2;
Section 30: All;

Township 22 South, Range 30 East, N.M.P.M., Eddy County,
New Mexico

Section 12: SE 1/4 SE 1/4;
Section 13: E 1/2, E 1/2 SW 1/4, SE 1/4 NW 1/4;
Section 24: S 1/2, NE 1/4, E 1/2 NW 1/4;
Section 25: W 1/2, NE 1/4, S 1/2 SE 1/4;

II. Area of Partial Take (From the Surface down to 6,000' Subsurface)¹

*Will not be
Contracted from
the James Ranch Unit*

Township 23 South, Range 30 East, N.M.P.M., Eddy County,
New Mexico

Section 1: NE 1/4 NE 1/4;

Township 23 South, Range 31 East, N.M.P.M., Eddy County,
New Mexico

Section 5: W 1/2 W 1/2;
Section 6: N 1/2 NW 1/4;

Township 22 South, Range 30 East, N.M.P.M., Eddy County,
New Mexico

Section 25: N 1/2 SE 1/4;
Section 36: NE 1/4, E 1/2 NW 1/4, NW 1/4 NW 1/4,
NE 1/4 SW 1/4

Township 22 South, Range 31 East, N.M.P.M., Eddy County,
New Mexico

Section 31: All

¹ Inasmuch as the first 6,000 feet of the lands which have been partially condemned are now owned by the United States of America, the leases covering such lands will not be contracted from the James Ranch Unit and as a result, all relative data in this letter is for your reference only.

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 7, 1980

C
O
P
Y

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

Attention: Jens Hansen

Re: Case No. 472
James Ranch Unit
1980 Plan of Development

Gentlemen:

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

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

Yours very truly,

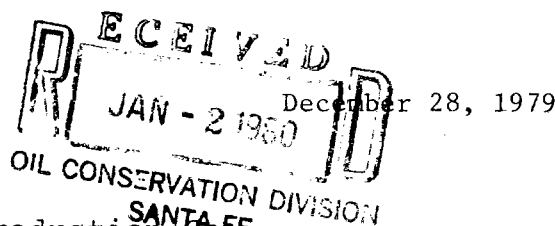
JOE D. RAMEY
Director

JDR/EP/fd
enc.

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

Belco Petroleum Corporation

Belco



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

RE: 1980 Plan of Development
James Ranch Unit
Eddy County, New Mexico

Dear Mr. Hansen:

As per your telephone conversation with Lee Nering earlier this week, this letter sets forth Belco's thoughts on your December 19th letter concerning the 1980 plan of development for the James Ranch Unit.

In connection with said December 19th letter, Belco would request that it be amended to show that the James Ranch 9 is still under consideration to be drilled and we do ask that the permit to drill dated April 2, 1979 remain in effect until its termination date of April 2, 1980. The well mentioned in your writeup to be located in Section 36 should then be numbered James Ranch #12.

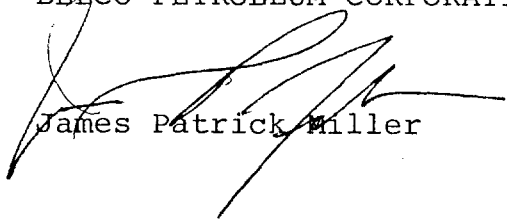
With the above amendments, Belco approves the plan of development as submitted.

Yours very truly,

BELCO PETROLEUM CORPORATION

JPM:ry
cc:USGS

✓ Commissioner of Public Lands
✓ Oil Conservation Division


James Patrick Miller

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

December 27, 1979

United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Case 492

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

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

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

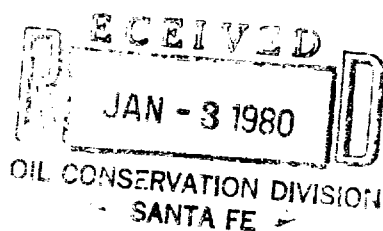
Gentlemen:

Under letter dated December 19, 1979, we submitted our 1980 Plan of Development for the James Ranch Unit. In this Plan of Development the well which will be drilled to test the N/2 of Section 36 was designated as the James Ranch #9 (originally assigned to a location 1495' FNL and 330' FWL of Section 36, T-23-S, R-30-E). In our December 19, 1979 Plan of Development it was requested that the approved permit to drill the James Ranch #9, which will expire April 2, 1980, be terminated.

Belco Petroleum Corporation has requested that we resubmit our 1980 Plan of Development inasmuch as they have advised there remains a possibility that the James Ranch #9 Well will be drilled under the existing drilling permit. In such an event, an amended Plan of Development for the James Ranch Unit will be submitted at that time.

Consequently, we enclose a new 1980 Plan of Development dated December 27, 1979, in triplicate, which should be substituted for the December 19, 1979 Plan of Development, which to date you have not formally approved.

If you should have any questions concerning this request, please advise at your convenience.



Sincerely,

Jens Hansen
Jens Hansen
Division Landman

*OK for approval
1/4/80
E/R*

JH:vm
Enclosures

cc: Belco Petroleum Corporation
Suite 100, 10000 Old Katy Road

-72

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

December 27, 1979

United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

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

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

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

Gentlemen:

In accordance with Section 10 of the James Ranch Unit Agreement dated April 22, 1953, Perry R. Bass, Unit Operator, hereby submits for your approval a Plan of Development for the year 1980.

History of Past Development

We have reviewed in our previous Plans of Development all wells drilled within the Unit and we refer you to said Plans for reference therein.

1979 Activity

James Ranch Unit #10 - Located 1980' FNL and 660' FEL, Section 1, T-23-S, R-30-E, Eddy County, New Mexico.

This well is currently being drilled to a proposed depth of 14,350' to test the Morrow formation. The results of this well will be included in the 1981 Plan of Development.

Proposed Future Development

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

James Ranch #11 - Surface location at the center of the SW/4 SE/4, Section 36, T-22-S, R-30-E, and to be directionally drilled in order to reach total depth at a location in the N/2 of Section 36, T-22-S, R-30-E, to test the Morrow Formation.

Page 2.
December 27, 1979

James Ranch #12 - Section 21, T-22-S, R-30-E - 14,500' Morrow test.

Additional Development

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

Modifications

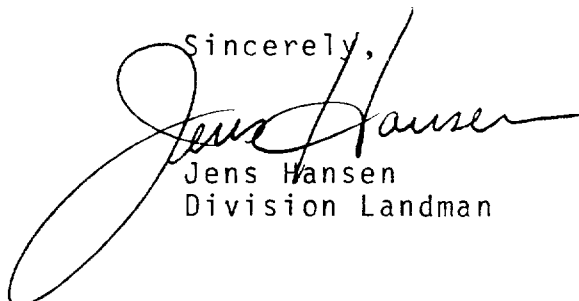
It is understood that this Plan of Development may be modified from time to time to meet changing conditions.

Effective Date

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

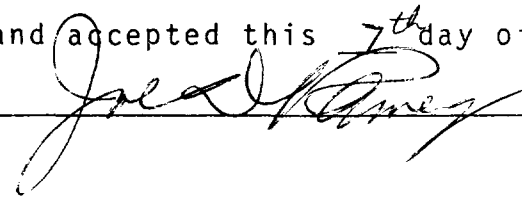
If this Plan of Development meets with your approval, please indicate by signing in the appropriate space provided below and return one copy for our records.

Sincerely,



Jens Hansen
Division Landman

JH:vm

Agreed to and accepted this 7th day of January, 1979.
Signed by: 

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



Commissioner of Public Lands

December 5, 1979

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

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

472

Re: James Ranch Unit
Eddy County, New Mexico
CONTRACTION

ATTENTION: Mr. Jens Hansen

Gentlemen:

We are in receipt of your letter dated November 28, 1979, whereby, you advise us that the USGS did not approve the contraction of the James Ranch Unit as submitted by your letter of September 5, 1979. Since our approval should of been subject to approval by the USGS, this is to advise you that we are withdrawing our approval until such time you re-submit your application with the changes required by the USGS.

Thanking you very kindly for your cooperation in this matter.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505-827-2748

AJA/FOP/s
cc:

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

State of New Mexico



Commissioner of Public Lands

October 5, 1979

ALEX J. ARMIJO
COMMISSIONER

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

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

472

Re: The James Ranch Unit Area
Eddy County, New Mexico
CONTRACTION

Dear Mr. Bass:

Reference is made to your letter dated September 5, 1979, whereby, you request approval for the contraction of The James Ranch Unit Area, Eddy County, New Mexico.

The following acreage will be totally eliminated from The James Ranch Unit Area, being 5,643.57 Acres:

Township 22 South, Range 31 East, N.M.P.M., Eddy County, New Mexico

Section 7: S/2, S/2NE/4, SE/4NW/4;
Section 8: SW/4, S/2NW/4;
Section 17: W/2, SE/4;
Section 18: All;
Section 19: All;
Section 20: All;
Section 29: W/2W/2;
Section 30: All

Township 22 South, Range 30 East, N.M.P.M., Eddy County, New Mexico

Section 12: SE/4SE/4;
Section 13: E/2, E/2SW/4, SE/4NW/4;
Section 24: S/2, NE/4, E/2NW/4;
Section 25: W/2, NE/4, S/2SE/4;

The following acreage will still remain in the unit area since it is being eliminated from the surface down to 6,000' subsurface only. Being 1,240.33 Acres.

Township 23 South, Range 30 East, N.M.P.M., Eddy County, New Mexico

Section 1: NE/4NE/4;

Township 23 South, Range 31 East, N.M.P.M., Eddy County, New Mexico

Section 5: W/2W/2;
Section 6: N/2NW/4;

Perry R. Bass
October 5, 1979
Page 2.

Continued area of partial take from the surface down to 6,000' subsurface.

Township 22 South, Range 30 East, N.M.P.M., Eddy County,
New Mexico

Section 36: NE/4, E/2NW/4, NW/4NW/4, NE/4SW/4

Township 22 South, Range 31 East, N.M.P.M., Eddy County,
New Mexico

Section 31: All

The Commissioner of Public Lands has approved the contraction of the James Ranch Unit Area to eliminate that portion of the condemned land taken in fee simple as to all depths, being 5,643.57 acres, and to eliminate that portion of the condemned land taken in fee simple only for the depths from the surface down to 6,000' subsurface, as to said depths, being 1,240.33 Acres. These 1,240.33 acres will still be reflected within the unit area.

We shall be awaiting revised Exhibits "A" and "B" reflecting contraction of The James Ranch Unit Area.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

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

AJA/RDG/s

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

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

September 25, 1979

Case
472

Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Amended 1979 Plan of
Development
James Ranch Unit
Eddy County, New Mexico

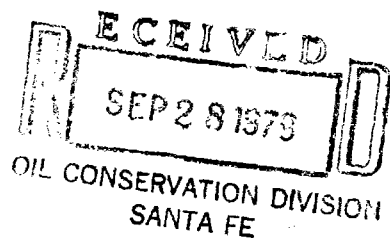
Gentlemen:

Reference is made to our letter dated July 19, 1979,
above reference, in which we sent two copies for
acceptance and approval. You returned both copies
to us; therefore, we are enclosing one of these copies
for your records.

Sincerely,

Jens Hansen
Jens Hansen
Division Landman

JH:vm
Enclosure





United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124
Albuquerque, New Mexico 87125

SEP 19 1979

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

472

Gentlemen:

The 1979 amended plan of development submitted for the James Ranch unit area, Eddy County, New Mexico, was approved on this date subject to like approval by the appropriate State officials.

Such plan proposes to modify the well locations as proposed on your original plan of development.

One approved copy is enclosed.

Sincerely yours,

(ORIG. SGD.) GENE F. DANIEL

Gene F. Daniel
Acting Oil and Gas Supervisor, SRMA

Enclosure

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

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



Commissioner of Public Lands

August 10, 1979

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

Bass Enterprises Production Co.
Fort Worth National Bank Building
Fort Worth, Texas 78102

492

Re: Amended 1979 Plan of Development
James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your Amended 1979 Plan of Development for the James Ranch Unit, Eddy County, New Mexico. Such plan calls for the drilling of well No. 10 in place of the well No. 9, which you proposed to drill in your original Plan of Development for 1979. 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

AJA/RDG/s
encl.

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

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

July 23, 1979

472
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

Re: Lease # 4942
James Ranch Unit Well #3
Eddy County, New Mexico

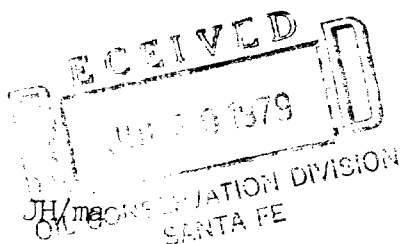
Gentlemen:

We have been advised by Belco Petroleum Corporation, operator of the referenced well, that the James Ranch Unit Well #3 is presently producing from the Morrow formation in non-commercial quantities. In this regard, we enclose data furnished by Belco relative to the production history of this well.

Based on this information, we recommend that the James Ranch Unit Well #3 be produced on a lease basis thereby not receiving a participating area. If you should need additional data or information concerning this matter, please advise at your earliest opportunity.

Sincerely,

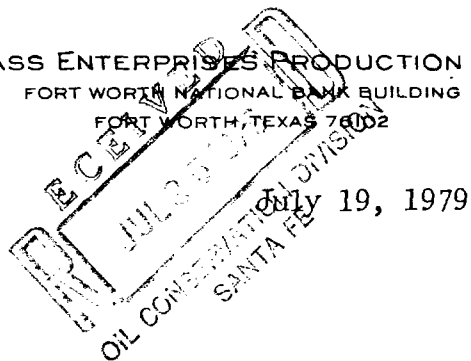
Jens Hansen
Jens Hansen
Division Landman



cc: Belco Petroleum Corporation
Post Office Box 19234
Houston, Texas 77055
Attention: Mr. Lee Nering

Approved
Aug 20
1979

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



July 19, 1979

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

Re: Amended 1979 Plan of Development
James Ranch Unit
Eddy County, New Mexico

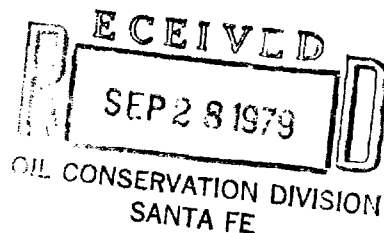
Gentlemen:

In accordance with Section 12 of the James Ranch Unit Agreement dated April 22, 1953 which provides for the modification or supplementing of the James Ranch Unit Plan of Development, we hereby submit the following modification to our 1979 Plan of Development for your review and approval.

Modified Well Location

James Ranch Unit Well #10 - 1980' FNL and 660' FEL, Section 1, Township 23 South, Range 30 East, Eddy County, New Mexico - Morrow Test

In our original Plan of Development for 1979, we proposed the drilling of the James Ranch Unit Well #9 to be located 1495' FNL and 350' FWL in Section 6, Township 23 South, Range 31 East and to be drilled to the Atoka formation. We are hereby requesting that the above proposed James Ranch Well #10 which will be drilled to a deeper depth and will test additional formations be drilled in place of and substituted for the James Ranch #9 location.

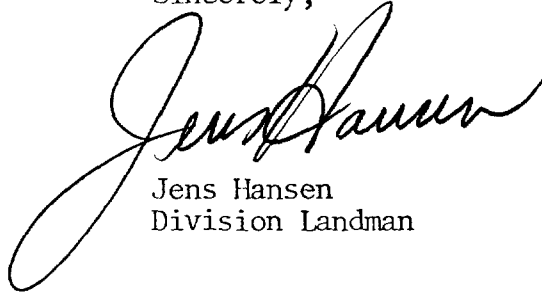


Page 2
July 19, 1979

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

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

Sincerely,

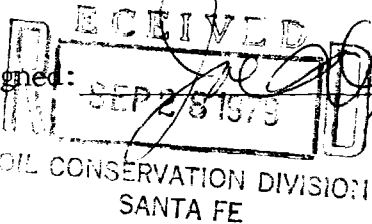


Jens Hansen
Division Landman

JH/ma

Agreed to and accepted this 21st day of August 19 79

Signed: _____



10000 Old Katy Road
Suite 100
Houston, Texas 77055
Telephone (713) 932-4700
Cable: BELPETEX

Belco Petroleum Corporation

Belco

July 12, 1979

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

Attention: Jens Hansen
Division Landman

Re: James Ranch Unit
No. 3 Well
Eddy County, New Mexico
Application to U.S.G.S. for
Non-commercial Determination

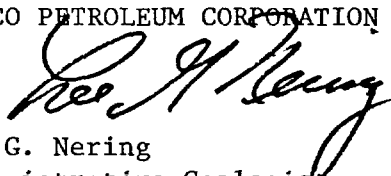
Dear Sir:

Please find attached documents, (U.S.G.S. production reports, Form 9-329) for all months, May, 1978 through May, 1979, for the James Ranch Unit No. 3 well. As discussed, production from this well was re-commenced in March, 1979 and indicates very low volume, i.e., non-commercial capability.

This data should suffice for your anticipated Unit Operator Application to the U.S.G.S. for authority to produce this well on a tract (lease) basis. In this category, a revision of the existing Morrow Participating Area will not be necessary; further anticipated Morrow P.A. for the proposed JR-10 in Section 1 will be expedited.

Sincerely,

BELCO PETROLEUM CORPORATION


Lee G. Nering
Administrative Geologist

LGN:1mm

Attachment

RECEIVED
JUL 15 1979
OIL COMPANY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. _____
Communitization Agreement No. _____
Field Name LOS MEDANOS
Unit Name JAMES RANCH
Participating Area MORROW
County EDDY State NEW MEXICO
Operator BELCO PETROLEUM CORP.
☒ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of MAY, 19 79

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
3	SEC. 1 NW 1/4, SE 1/4	23-S	30-E	PGW	24	0	1502	0	
4	SEC. 6 NW 1/4, SW 1/4	23-S	30-E	PGW	31	186	60437	0	

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	<u>91</u>	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	<u>186</u>	<u>61939</u>	<u>0</u>
*Sold	<u>174</u>	<u>61939</u>	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	<u>0</u>	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	<u>0</u>	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	<u>0</u>	<u>0</u>	XXXXXXXXXXXXXXXXXXXX
*Injected	<u>0</u>	<u>0</u>	<u>0</u>
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	<u>0</u>
*Other (Identify)	<u>0</u>	<u>0</u>	<u>0</u>
*On hand, End of Month	<u>103</u>	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	<u>50.8</u>	<u>1010</u>	XXXXXXXXXXXXXXXXXXXX
Authorized Signature: <u>Graydon E. [Signature]</u>	Address: <u>10000 Old Katy Rd #100, Houston, TX. 77055</u>		
Title: <u>PRODUCTION ACCOUNTANT</u>	Page <u>1</u> of <u>1</u>		

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(12/76)

OMB 42-RO 356

Communitization Agreement No. _____

Field Name Los Medanos

Unit Name James Ranch

Participating Area Morrow

County Eddy State New Mexico

Operator Belco Petroleum Corporation

MONTHLY REPORT

OPERATIONS

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of April, 19 79

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
3	Sec. 1 NW 1/4, SE 1/4	23-S	30-E	PGW	29	1498	1498	0	
4	Sec. 6 NW 1/4, SW 1/4	23S	31-E	PGW	30	1898	565.02	0	

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	245	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	188	58000	0
*Sold	342	58000	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	91	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	54.1	1010	XXXXXXXXXXXXXXXXXX

Authorized Signature: Bryan Byrd

Address: 10000 Old Katy Road, Suite 100

Title: Production Accountant

Page 1 of 1 Houston, Tx. 770

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Communitization Agree, Cont No. _____

Field Name Los Medanos

Unit Name James Ranch

Participating Area Morrow

County Eddy State New Mexico

Operator Belco Petroleum Corporation

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of March, 19 79

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report or result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
3	Sec. 1 NW 1/4, SE 1/4	23-S	30-E	PGW	27	0	1675	0	
4	Sec. 6 NW 1/4, SW 1/4	23S	31-E	PGW	31	186	65642	0	

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	<u>235</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Produced	<u>186</u>	<u>49204</u>	<u>0</u>
*Sold	<u>176</u>	<u>49204</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Spilled or Lost	<u>0</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Flared or Vented	<u>XXXXXXXXXXXXXXXXXX</u>	<u>0</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Used on Lease	<u>0</u>	<u>0</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Injected	<u>0</u>	<u>0</u>	<u>0</u>
*Surface Pits	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>0</u>
*Other (Identify)	<u>0</u>	<u>0</u>	<u>0</u>
*On hand, End of Month	<u>245</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*API Gravity/BTU Content	<u>54.2</u>	<u>1010</u>	<u>XXXXXXXXXXXXXXXXXX</u>

Authorized Signature: *C. W. B...* Address: 10000 Old Katy Road, Suite 100
Title: Production Accountant Page 1 of 1 Houston, Tx.

MONTHLY REPORT
OF
OPERATIONS

Communitization Agreement No. _____
Field Name Los Medanos
Unit Name James Ranch
Participating Area Morrow
County Eddy State New Mexico
Operator Belco Petroleum Corporation
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of February, 19 79

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
3	Sec. 1 NW 1/4, SE 1/4	23-S	30-E	PGW	26	0	2664	0	
4	Sec. 6 NW 1/4, SW 1/4	23S	31-E	PGW	26	196	46540	0	

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	214	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	196	49204	
*Sold	175	49204	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	235	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	54.9	1025	XXXXXXXXXXXXXXXXXX

Authorized Signature: C. W. Ry Address: 10000 Old Katy Road, Suite 100
Title: Production Accountant Page 1 of 1 Houston, Tx. 770

MONTHLY REPORT
OF
OPERATIONS

Communitization Agreement No. _____
Field Name Los Medanos
Unit Name James Ranch
Participating Area Morrow
County Eddy State New Mexico
Operator Belco Petroleum Corporation
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of January, 19 79

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report will result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
3	Sec. 1 NW 1/4, SE 1/4	23-S	30-E	GSI					
4	Sec. 6 NW 1/4, SW 1/4	23S	31-E	PGW	31	207	52686	0	

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	184	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	207	52686	0
*Sold	177	52686	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	214	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	54.9	1023	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature] Address: 10000 Old Katy Road, Suite 100
Title: Production Accountant Page 1 of 1 Houston, Tx. 77057

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 91-0000000
Communitization Agreement No. _____
Field Name Los Medanos
Unit Name James Ranch
Participating Area Morrow
County Eddy State New Mexico
Operator Belco Petroleum Corporation
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of December, 19 78.

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
3	Sec. 1 NW 1/4, SE 1/4	23-S	30-E	GSI					
4	Sec. 6 NW 1/4, SW 1/4	23S	31-E	PGW	31	232	54604	0	

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	128	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	232	54604	0
*Sold	176	54604	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	184	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	53.6	1023	XXXXXXXXXXXXXXXXXX

Authorized Signature: Graydon P. [Signature] Address: 10000 Old Katy Road, Suite 100
Title: Production Accountant Page 1 of 1 Houston, Tx.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 91-000458
Communitization Agreement No. _____
Field Name Los Medanos
Unit Name James Ranch
Participating Area Morrow
County Eddy State New Mexico
Operator Belco Petroleum Corporation
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of November, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report or result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
3	Sec. 1 NW 1/4, SE 1/4	23-S	30-E	GSI					
4	Sec. 6 NW 1/4, SW 1/4	23S	31-E	PGW	30	125	32990	0	

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	173	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	125	32990	0
*Sold	170	32990	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	257	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	84.6	1064	XXXXXXXXXXXXXXXXXX

Authorized Signature: Graydon Bryant Address: 10000 Old Katy Road, Suite 100
Title: Production Accountant Page 1 of 1 Houston, Tx. 77058

MONTHLY REPORT
OF
OPERATIONS

Communitization Agreement No. _____
Field Name Los Medanos
Unit Name James Ranch
Participating Area Morrow
County Eddy State New Mexico
Operator Belco Petroleum Corporation
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of October, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
3	Sec. 1 NW 1/4, SE 1/4	23-S	30-E	GSI					
4	Sec. 6 NW 1/4, SW 1/4	23S	31-E	PGW	31	230	66554	0	

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	118	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	230	66554	0
*Sold	175	66554	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	173	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	52.9	1020	XXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature] Address: 10000 Old Katy Road, Suite 100
Title: Production Accountant Page 1 of 1 Houston, Tx. 770

GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Communitization Agreement No. _____

Field Name Los Medanos

Unit Name James Ranch

Participating Area Morrow

County Eddy State New Mexico

Operator Belco Petroleum Corporation

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of September, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
3	Sec. 1 NW 1/4, SE 1/4	23-S	30-E	GSI					
4	Sec. 6 NW 1/4, SW 1/4	23S	31-E	PGW	29	48	47265	0	

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	70	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	48	47265	0
*Sold	0	47265	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	118	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	52.1	1061	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: *Graydon Byrd*
Title: Production Accountant

Address: 10000 Old Katy Road, Suite 100
Page 1 of 1 Houston, Tx. 7705

MONTHLY REPORT
OF
OPERATIONS

Lease No. _____
Communitization Agreement No. _____
Field Name Los Medanos
Unit Name James Ranch
Participating Area Morrow
County Eddy State New Mexico
Operator Belco Petroleum Corporation
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of August, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
3	Sec. 1 NW 1/4, SE 1/4	23-S	30-E	GSI					
4	Sec. 6 NW 1/4, SW 1/4	23S	31-E	PGW	31	16	43756	0	

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	54	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	16	43756	0
*Sold	0	43756	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	70	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	52.1	1057	XXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature] Address: 10000 Old Katy Road, Suite 100
Title: Production Accountant Page 1 of 1 Houston, Tx.

Form 8-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Communitization Agreement No. _____
Field Name Los Medanos
Unit Name James Ranch
Participating Area Morrow
County Eddy State New Mexico
Operator Belco Petroleum Corporation

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of
July, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
3	Sec. 1 NW 1/4, SE 1/4	23-S	30-E	GSI					
4	Sec. 6 NW 1/4, SW 1/4	23S	31-E	PGW	31	0	68109	0	

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	54	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	0	68109	0
*Sold	0	68109	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	54	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	52.11	1019	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: BW B...

Address: 10,000 Old Katy Rd., Suite 100
Houston, Texas 77055

Title: Production Accountant

Form 9-329 Rev. Feb 76
OMB 42-R0356

MONTHLY REPORT
OF
OPERATIONS

Communitization Agreement No. _____
Field Name Los Medanos
Unit Name James Ranch
Participating Area Morrow
County Eddy State New Mexico
Operator Belco Petroleum Corporation

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of
June, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
3	Sec. 1 NW 1/4, SE 1/4	23-S	30-E	GSI					
4	Sec. 6 NW 1/4, SW 1/4	23S	31-E	PGW	30	15	59248	0	

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	207	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	15	59248	0
*Sold	168	59248	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	54	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	52.1	1019	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: E. H. Byrd

Address: 10,000 Old Katy Rd., Suite
Houston, Texas 77055

Title: Production Accountant

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Communitization Agreement No. _____
Field Name Los Medanos
Unit Name James Ranch
Participating Area Morrow
County Eddy State New Mexico
Operator Belco Petroleum Corporation

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of
May, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
3	Sec. 1 NW 1/4, SE 1/4	23-S	30-E	GSI					
4	Sec. 6 NW 1/4, SW 1/4	23S	31-E	PGW	31	31	68429	0	

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	176	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	31	68429	0
*Sold	0	68429	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	207	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	52.0	1014	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: _____

Address: 10,000 Old Katy Rd., Suite 10
Houston, Texas 77055

Title: Production Accountant

State of New Mexico



Commissioner of Public Lands

March 29, 1979

ALEX J. ARMIJO
COMMISSIONER

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

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

no. 472

Re: 1979 Plan of Development
James Ranch Unit
No. 14-08-001-558
Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

By our letter of March 23, 1979, this office approved your Amended Plan of Development for 1979.

In view of the settlement in the Federal District Court in Albuquerque, New Mexico, wherein, the Department of Energy condemned your leasehold interest for the surface use and upper most 6000 feet of a portion of Section 36, Township 22 South, Range 30 East, you were granted an award to compensate for additional cost which might be incurred to directionally drill this acreage.

In order for your company to make the proper arrangements this is to advise that your Plan of Development for 1980 must include the drilling of a well to a depth sufficient to test the Morrow formation with a bottom hole location to be in the N/2 of Section 36-T22S-30E. Any plan not including this commitment for development of this acreage will not be approved by this office for the year 1980.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

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

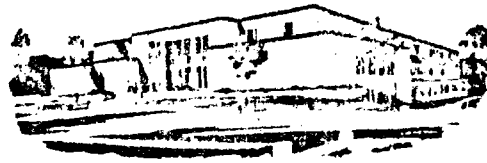
AJA/RDG/s

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

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



Commissioner of Public Lands

March 23, 1979

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

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

472

Re: 1979 Plan of Development
James Ranch Unit
No. 14-08-001-558
Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your 1979 Plan of Development for the James Ranch Unit, Eddy County, New Mexico. Such plan proposes the drilling of Well No. 9, as an Atoka Test. 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

AJA/RDG/s
encl.

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

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

March 12, 1979

C
O
P
Y

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

Attention: Jens Hansen

Re: Case No. 472
James Ranch Unit
1979 Plan of Development

Gentlemen:

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

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

Yours very truly,

JOE D. RAMEY
Director

JDR/LT/fd
enc.

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



United States Department of the Interior

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

MAR 06 1979

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

no. 472

Gentlemen:

One approved copy of your 1979 plan of development for the James Ranch unit area, Eddy County, New Mexico, proposing to drill a well in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 6, T. 23 S., R. 31 E., N.M.P.M., to test the Atoka, is enclosed. Such plan was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SGD.) JAMES W. SUTHERLAND

JAMES W. SUTHERLAND
Oil and Gas Supervisor, SRMA

Enclosure

cc:
NMOCD, Santa Fe
Comm. Pub. Lands, Santa Fe
District Engineer, Artesia
(w/enclosure)

26-79
v

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

February 21, 1979

Ré : 1979 Plan of Development
James Ranch Unit
No. 14-08-001-558
Eddy County, New Mexico

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

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
Santa Fe, New Mexico 87501

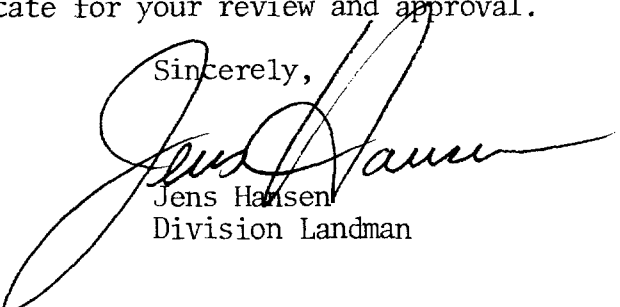
No. 472
Approved

Gentlemen:

Our 1979 Plan of Development dated December 8, 1978 which was submitted for approval was returned by the U. S. Geological Survey unapproved due to a lack of specific well plan.

Consequently we have revised the 1979 Plan of Development, which we enclose in triplicate for your review and approval.

Sincerely,


Jens Hansen
Division Landman

JH/lrj
attachment

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

February 20, 1979

Re: 1979 Plan of Development
James Ranch Unit
No. 14-08-001-558
Eddy County, New Mexico

United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

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

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

Gentlemen:

In compliance with Section 10 of the James Ranch Unit Agreement dated April 22, 1953, Perry R. Bass, as Unit Operator, hereby submits for your approval a Plan of Development for 1979.

History of Past Development

We have reviewed in our previous Plans of Development, all wells drilled within the unit and we refer you to said plans for reference therein.

1978 Activity

No wells were drilled in this unit in 1978 due to the litigation of the condemnation suit by ERDA for location of an atomic waste disposal. Of the eleven wells which were proposed under the 1978 Plan of Development, all are located within the condemned area.

Proposed Future Development

We plan to drill the following test for unitized substances at the following tentative location:

James Ranch #9 - 1495' from the
North line - 350' from the West
line, Section 6, T23S-R31E-1350'
Atoka Test.

Commissioner of Public Lands

Oil Conservation Commission
February 20, 1979

Page 2.

Considerations are currently being given to a possible Morrow Test which will be located in Section 36 pending the formulation of definitive plans by our partners.

Additional Development

This Plan of Development shall constitute the drilling obligations of the Unit Operator under the terms of the James Ranch Unit Agreement ending December 31, 1979. Before this Plan expires, a subsequent Plan of Development will be forwarded for your approval.

Modifications

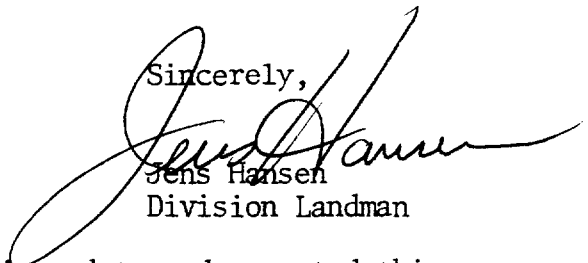
It is understood that this Plan of Development may be modified from time to time to meet changing conditions.

Effective Date

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

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

Sincerely,


Jens Hansen
Division Landman

Agreed to and accepted this
____ day of _____, 1979.

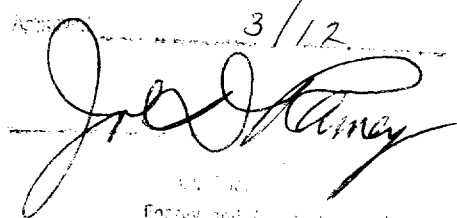
COMMISSIONER OF PUBLIC LANDS

Agreed to and accepted this
____ day of _____, 1979.

OIL CONSERVATION COMMISSION

Agreed to and accepted this
____ day of _____, 1979.

UNITED STATES GEOLOGICAL SURVEY

Agreed to and accepted this 3/12/79 1979

John W. Stacey
Director, Oil and Gas Division

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

December 27, 1978

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

Attention: Jen Hansen

Re: Case No. 472
James Ranch Unit
1979 Plan of Development

Gentlemen:

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

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

Yours very truly,

JOE D. RAMEY
Director

JDR/IC/fd
enc.

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

BASS ENTERPRISES PRODUCTION CO.
FORT WORTH NATIONAL BANK BUILDING
FORT WORTH, TEXAS 76102
December 8, 1978

United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

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

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

No. 472
Approved

Re: 1979 Plan of Development
James Ranch Unit
No. 14-08-001-558
Eddy County, New Mexico

Gentlemen:

In compliance with Section 10 of the James Ranch Unit Agreement dated April 22, 1953, Perry R. Bass, as Unit Operator, hereby submits for your approval a Plan of Development for 1979.

History of Past Development

We have reviewed in our previous Plans of Development, all wells drilled within the unit and we refer you to said plans for reference therein.

1978 Activity

No wells were drilled in this unit in 1978 due to the litigation of the condemnation suit by ERDA for location of an atomic waste disposal. Of the eleven wells which were proposed under the 1978 Plan of Development, all are located within the condemned area.

Proposed Future Development

We are currently discussing with our working interest partners tentative plans to drill two wells which would be located in Section 36, Township 22 South, Range 30 East and Section 6, Township 23 South, Range 31 East. The well in Section 36 would be a Morrow test and the well in Section 6 would most likely be a Strawn test. At such time as we formulate definite plans with our partners, we will submit a Supplemental Plan of Development outlining the well or wells we will drill.

Additional Development

This Plan of Development shall constitute the drilling obligations of the Unit Operator under the terms of the James Ranch Unit Agreement ending December 31, 1979. Before this Plan expires, a subsequent Plan of Development will be forwarded for your approval.

Modifications

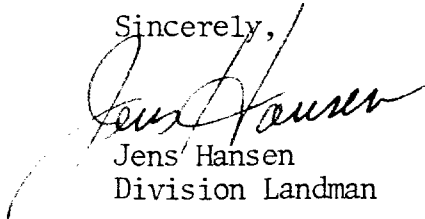
It is understood that this Plan of Development may be modified from time to time to meet changing conditions.

Effective Date

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

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

Sincerely,


Jens Hansen
Division Landman

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

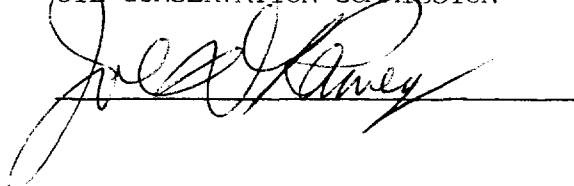
UNITED STATES GEOLOGICAL SURVEY

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

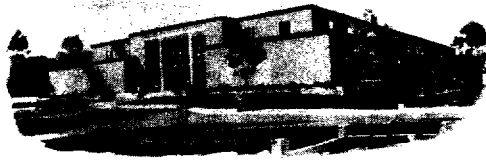
COMMISSIONER OF PUBLIC LANDS

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

OTL CONSERVATION COMMISSION



State of New Mexico



Commissioner of Public Lands

PHIL R. LUCERO
COMMISSIONER

March 10, 1978

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

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

M. 472

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

ATTENTION: Mr. Wm. Arthur Hamilton

Gentlemen:

The Commissioner of Public Lands has this date approved your 1978 Drilling Program for the James Ranch Unit, Eddy County, New Mexico. Such plan, proposes the drilling of eleven wells subject to approval of the Notices to Drill by the District Engineer and approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

Enclosed is one approved copy for your files.

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

Very truly yours,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

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

PRM/EDG/s
encl.
cc:

OCC-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

MAR 07 1978

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

No. 472

Gentlemen:

Three approved copies of your 1976 plan of development for the James Ranch unit area, Eddy County, New Mexico, are enclosed. Such plan, proposing the drilling of eleven Morrow wells was approved on this date subject to approval of the Notices to Drill by the District Engineer and like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. DSD.) GENE F. DANIEL

GENE F. DANIEL
Acting Area Oil & Gas Supervisor

Enclosures

cc:
NMOCC, Santa Fe (ltr. only) ← This copy for
Com. Pub. Lands, Santa Fe (ltr. only)

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 10, 1978

C
O
P
Y

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

Attention: Wm. Arthur Hamilton

Re: James Ranch Unit
Case No. 472
1978 Plan of Development

Gentlemen:

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

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

Very truly yours,

JOE D. RAMEY
Secretary-Director

JDR/LT/fd
enc.

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

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

December 27, 1977

United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

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

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

NA. 472

Re: 1978 Plan of Development
James Ranch Unit
No. 14-08-001-558
Eddy County, New Mexico

Gentlemen:

In compliance with Section 10 of the James Ranch Unit Agreement, dated April 22, 1953, Perry R. Bass, as Unit Operator, hereby submits for your approval a Plan of Development for 1978.

History of Past Development

We have reviewed in our previous Plans of Development, all wells drilled within the unit and we refer you to said Plans for reference therein.

No wells were drilled on this unit in 1977 due to the pending condemnation suit by ERDA for a location for atomic waste disposal.

Proposed Future Development

Permits have been requested for the drilling of the following Morrow wells, and certain of the requested permits have been granted. However, because of Potash rules and the above suit, drilling operations have been delayed. We plan to drill any of these wells for which we can obtain approval from the appropriate governmental authorities.

James Ranch #8, located in NW/4, Section 31, T22S - R31E.

James Ranch #9, located 1980' FNL and 1980' FEL, Section 25, T22S - R30E.

James Ranch #10, located 1980' FEL and 1980' FNL, Section 30, T22S - R31E.

James Ranch #11, located 1980' FSL and 1980' FWL, Section 19, T22S - R31E.

James Ranch #12, located 1980' FSL and 1980' FWL, Section 20, T22S - R31E.

James Ranch #13, located 1980' FSL and 1980' FWL, Section 18, T22S - R31E.

James Ranch #14, located 1980' FSL and 1980' FWL, Section 17, T22S - R31E.

James Ranch #15, located 1980' FSL and 1980' FEL, Section 24, T22S - R30E.

James Ranch #16, located 1980' FSL and 1980' FEL, Section 13, T22S - R30E.

James Ranch #17, located 1980' FSL and 1980' FWL, Section 7, T22S - R31E.

James Ranch #18, located 1980' FSL and 1980' FWL, Section 8, T22S - R31E.

Additional Development

This Plan of Development shall constitute the drilling obligations of the Unit Operator under the terms of the James Ranch Unit Agreement ending December 31, 1978. 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, 1978. If this Plan meets with your approval, please indicate in the appropriate space and return one copy for our files.

Sincerely,

PERRY R. BASS, Unit Operator

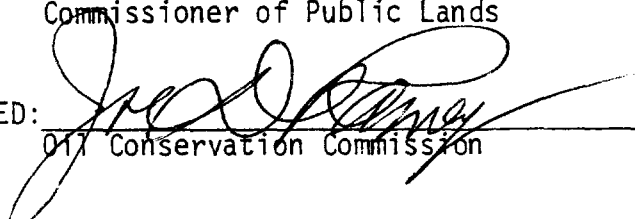
by Wm. Arthur Hamilton

APPROVED: _____
Supervisor, United States Geological Survey

Date _____

APPROVED: _____
Commissioner of Public Lands

Date _____

APPROVED:  _____
017 Conservation Commission

Date 1/11/78

THE UNITED STATES OF AMERICA
LAND BUREAU
STANDARD FORM NO. 64
OFFICE OF THE COMMISSIONER OF PUBLIC LANDS
WASHINGTON, D. C. 20250

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

November 8, 1977

C
Bass Enterprises Production Co.
P. O. Box 2760
Midland, Texas 79702

Attention: Robert B. Coleman

Re: Case No. 472
James Ranch Unit
Amended 1977 Plan of
Development

O
Gentlemen:

P
We hereby approve the Amended 1977 Plan of Develop-
ment for the James Ranch Unit, Eddy County, New Mexico,
subject to like approval by the United States Geological
Survey and the Commissioner of Public Lands.

Two approved copies of the Plan are returned herewith.

Very truly yours,

JOE D. RAMEY
Secretary-Director

Y
JDR/LT/fd
enc.

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



United States Department of the Interior

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

SEP 16 1977

Bass Enterprises Production Company
Attention: Mr. Robert B. Coleman
P. O. Box 2760
Midland, Texas 79702

Gentlemen:

One approved copy of your amended 1977 Plan of development for the James Ranch unit area, Eddy County, New Mexico, is enclosed.

Such plan, proposing the drilling of ten Morrow wells was approved on this date subject to approval of the Notices to Drill by the District Engineer and like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SGD.) JAMES W. SUTHERLAND

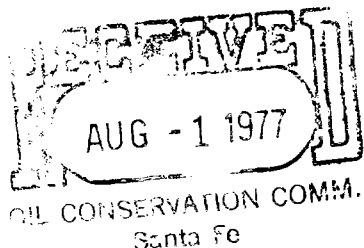
Area Oil and Gas Supervisor

Enclosure

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

BASS ENTERPRISES PRODUCTION CO
DIVISION EXPLORATION AND PRODUCTION OFFICES
P. O. BOX 276C
MIDLAND, TEXAS 79702

WILL VAUGHN RECEIVED
7/31/684 573



July 29, 1977

Re: Amended Plan of Development
James Ranch Unit
No. 14-08-001-558
Eddy County, New Mexico

United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

No. 472

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

Gentlemen:

Reference is made to the James Ranch Unit Plan of Development submitted by Perry R. Bass, as Unit Operator for 1977, which is in compliance with Section 10 of the James Ranch Unit Agreement.

We hereby respectfully request your favorable consideration of an amended Plan of Development for the James Ranch Unit for 1977. This Amended Plan is necessitated because of changed conditions since the filing of the original Plan dated December 13, 1976, and to protect the interests of all parties to the subject Unit Agreement.

We propose amending the Future Development section of said Plan of Development to provide for the following wells to be drilled to a depth sufficient to test the Morrow formation:

- 1) James Ranch Unit Well #9, located 1980' FNL and 1980' FEL, Section 25, T22S-R30E.
- 2) James Ranch Unit Well #10, located 1980' FEL and 1980' FNL, Section 30, T22S-R31E.

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

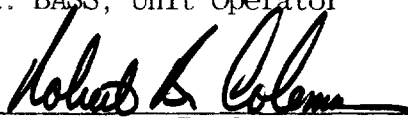
- 3) James Ranch Unit Well #11, located 1980' FSL and 1980' FWL, Section 19, T22S-R31E.
- 4) James Ranch Unit Well #12, located 1980' FSL and 1980' FWL, Section 20, T22S-R31E.
- 5) James Ranch Unit Well #13, located 1980' FSL and 1980' FWL, Section 18, T22S-R31E.
- 6) James Ranch Unit Well #14, located 1980' FSL and 1980' FWL, Section 17, T22S-R31E.
- 7) James Ranch Unit Well #15, located 1980' FSL and 1980' FEL, Section 24, T22S-R30E.
- 8) James Ranch Unit Well #16, located 1980' FSL and 1980' FEL, Section 13, T22S-R30E.
- 9) James Ranch Unit Well #17, located 1980' FSL and 1980' FWL, Section 7, T22S-R31E.
- 10) James Ranch Unit Well #18, located 1980' FSL and 1980' FWL, Section 8, T22S-R31E.

We again request your favorable consideration in this matter.

Yours very truly,

PERRY R. BASS, Unit Operator

By


Robert B. Coleman

RBC/bmg

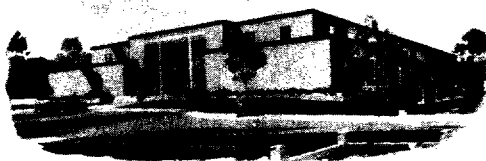
APPROVED: _____ Date _____
Supervisor, United States Geological
Survey

APPROVED: _____ Date _____
Commissioner of Public Lands

APPROVED: _____ Date _____
Oil Conservation Commission



State of New Mexico



Commissioner of Public Lands

August 2, 1977

PHIL R. LUCERO
COMMISSIONER

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

Bass Enterprises Production Co.
P. O. Box 2760
Midland, Texas 79702

Re: Amended Plan of Development
James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Robert B. Coleman

Gentlemen:

The Commissioner of Public Lands has this date approved your Amended Plan of Development for the James Ranch Unit, Eddy County, New Mexico. Your plan calls for the drilling of wells No. 9 to 18 inclusive. This approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

Enclosed is one approved copy for your files.

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

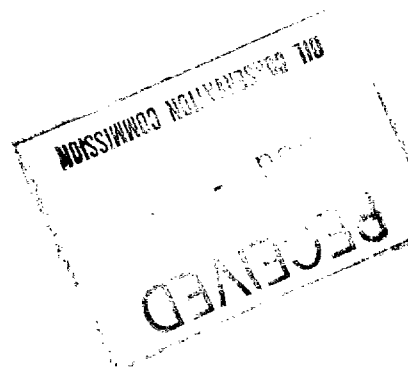
Very truly yours,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

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

PRL/RDG/s
encl.
cc:

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





United States Department of the Interior

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

JAN 24 1977

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

Gentlemen:

One approved copy of your 1977 plan of development for the James Ranch unit area, Eddy County, New Mexico, is enclosed. Such plan, proposing the drilling of two Morrow wells within the unit area was approved on this date subject to approval of the Notices to Drill by the District Engineer and like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SGD.) JAMES W. SUTHERLAND

Area Oil and Gas Supervisor

Enclosure

cc:

NMOCC, Santa Fe (1tr only) ← This Copy for
Com. Pub. Lands, Santa Fe (1tr only)

472
OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

December 22, 1976

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

Attention: Mr. Robert B. Coleman

Re: 1977 Plan of Development
James Ranch 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 1977 for the James Ranch Unit, Eddy County, New Mexico. subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Two approved copies of the plan are returned herewith.

Very truly yours,

JOE D. RAMEY
Secretary-Director

JDR/JEK/og

cc: Commissioner of Public Lands - Santa Fe
U. S. Geological Survey - Roswell

PERRY R. BASS

DIVISION LAND & GEOLOGICAL OFFICE

POST OFFICE BOX 171

MIDLAND, TEXAS 79701

December 13, 1976

United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

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

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

Re: Plan of Development
James Ranch Unit
No. 14-08-001-558
Eddy County, New Mexico

Gentlemen:

In compliance with Section 10 of the James Ranch Unit Agreement, dated April 22, 1953, Perry R. Bass, as Unit Operator, hereby submits for your approval a Plan of Development for 1977.

History of Past Development

We have reviewed in our previous Plan of Development, all wells drilled within the Unit and refer you to said Plans for reference therein.

James Ranch Unit #3 is presently shut-in following stimulation of both the Morrow and Strawn formations.

James Ranch Unit #4 was reperforated and stimulated in the Morrow and is presently producing.

James Ranch Unit #7 was connected for sales to El Paso Natural Gas on January 19, 1976.

Proposed Future Development

Plans for 1977 include the drilling of a deep Morrow test located 1980' FSL and 660' FWL of Section 31, T-22-S, R-31-E.

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

Subject to obtaining a drilling permit, which was applied for in early 1976, we plan to drill a Morrow well at a location 660' FN&WL of Section 7, T-23-S, R-31-E.

Additional Development

This Plan of Development shall constitute the drilling obligations of the Unit Operator under the terms of the James Ranch Unit Agreement ending December 31, 1977. 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, 1977. If this Plan meets with your approval, please indicate in the appropriate space and return one copy for our file.

Sincerely,

PERRY R. BASS, Unit Operator


By


Robert B. Coleman

RBC:kjb
Attachment

APPROVED: _____ Date _____
Supervisor, United States Geological
Survey

APPROVED: _____ Date _____
Commissioner of Public Lands

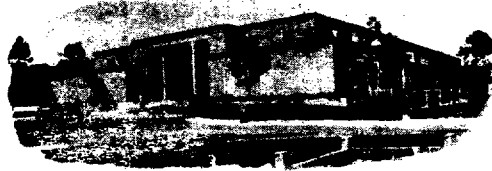
APPROVED:  _____ Date Dec 22, 1976
Oil Conservation Commission

State of New Mexico

TELEPHONE
505-827-2748



PHIL R. LUCERO
COMMISSIONER



Commissioner of Public Lands
January 12, 1976

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

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

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

ATTENTION: Mr. Wm. Arthur Hamilton

Gentlemen:

The Commissioner of Public Lands has this date approved your 1976 Plan of Development for the James Ranch Unit, Eddy County, New Mexico. Such plan proposes the dilling of a deep Morrow test located 660' FN&WL of Section 7-T23S-R31E. Also subject to obtaining your partner's consent, you plan to drill a Delaware test at a mutually satisfactory location within the boundaries of the unit. This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

In your Plan of Development where you should have 1976 you had 1975. We have changed the date as you will note on the copy enclosed herewith.

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

Very truly yours,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

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

PRL/RDG/s
encl.
cc:

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

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

4172

January 6, 1976

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

Attention: Mr. Wm. Arthur Hamilton

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

Gentlemen:

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

One approved copy of the plan is returned herewith.

Very truly yours,

JOE D. RAMEY
Secretary-Director

JDR/JEK/og

cc: Commissioner of Public Lands
Roswell, New Mexico

Commissioner of Public Lands
Santa Fe, New Mexico

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

December 22, 1975

Re: Plan of Development
James Ranch Unit
No. 14-08-001-558
Eddy County, New Mexico

United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

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

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

Gentlemen:

In compliance with Section 10 of the James Ranch Unit Agreement, dated April 22, 1953, Perry R. Bass, as Unit Operator, hereby submits for your approval a Plan of Development for 1975.

History of Past Development

We have reviewed in our previous Plan of Development all wells drilled within the Unit and refer you to said Plans for reference therein.

Continental #7 James Ranch, located in the NE/4 of Section 6-T23S-R31E, was abandoned in the Bone Spring zone and completed in the Morrow. This well is presently waiting on a pipeline connection.

An application to drill the James Ranch #8, an approximate 15,500' Devonian test at a location in the SE/4 NW/4 of Section 24-T22S-R30E was rejected for reasons set out in a letter dated March 19, 1975, copy of which is attached.

Proposed Future Development

Plans for 1976 include the drilling of a deep Morrow test located 660' FN&WL of Section 7-T23S-R31E.

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

Subject to obtaining our partner's consent, we plan to drill a Delaware test at a mutually satisfactory location within the boundaries of the Unit

Additional Development

This Plan of Development shall constitute the drilling obligations of the Unit Operator under the terms of the James Ranch Unit Agreement ending December 31, 1976. 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, 1976. If this Plan meets with your approval, please indicate in the appropriate space and return one copy for our file.

Yours very truly,

PERRY R. BASS, Unit Operator

By Wm. Arthur Hamilton
Wm. Arthur Hamilton

RBC:ld
Attachment

APPROVED: _____ Date _____
Supervisor, United States
Geological Survey

APPROVED: _____ Date _____
Commissioner of Public Lands

APPROVED: Joe Stoney Date Jan 6, 1976
Oil Conservation Commission



United States Department of the Interior

JAMES REINHOLD Unit 8

GEOLOGICAL SURVEY

Drawer 1857

Roswell, New Mexico 88201

March 19, 1975

Pat Duncan
Bob Coleman

Perry R. Bass
P. O. Box 1178
Monahans, Texas 79756

Gentlemen:

Returned herewith, unapproved, is one copy of your application for a permit to drill a well to a depth of 15,500 feet to test the Devonian in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 24, T. 22 S., R. 30 E., N.M.P.M., Eddy County, New Mexico, Federal lease Las Cruces 064827-A.

Such well is in the Secretary's Potash Area and the application is hereby denied under sections III 1.(a) and III 1.(b) of the Secretary's Order of May 11, 1965, in that the drilling of a well at the requested location reasonably could conflict with potash mining operations and cause undue waste of potash ore.

An alternative drill site location in the E $\frac{1}{2}$ NE $\frac{1}{4}$ sec. 25, T. 22 S., R. 30 E., N.M.P.M., if acceptable to you, would be favorably considered by this office.

Sincerely yours,

Carl C. Traywick

CARL C. TRAYWICK
Acting Area Oil and Gas Supervisor

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐
 B. TYPE OF WELL
 OIL WELL ☐ GAS WELL ☒ OTHER ☐
 SINGLE ZONE ☒ MULTIPLE ZONE ☐
 2. NAME OF OPERATOR
 Perry R. Bass
 3. ADDRESS OF OPERATOR
 P. O. Box 1178, Monahans, Texas 79756
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 1980' FNL & 1980' FWL Sec 24, T-22-S, R-30-E, NEW MEXICO
 At proposed prod. zone same

5. LEASE DESIGNATION AND SERIAL NO.
 LC 064827
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 James Ranch
 8. FARM OR LEASE NAME
 James Ranch Unit
 9. WELL NO.
 10. FIELD AND POOL, OR WILDCAT
 Wildcat
 11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
 12. COUNTY OR PARISH
 Eddy
 13. STATE
 N. Mexico
 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 25 miles East of Carlsbad
 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 1980'
 16. NO. OF ACRES IN LEASE
 19000 +
 17. NO. OF ACRES ASSIGNED TO THIS WELL
 320
 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 4 miles
 19. PROPOSED DEPTH
 15,500'
 20. ROTARY OR CABLE TOOLS
 Rotary
 21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3360 GL
 22. APPROX. DATE WORK WILL START*
 On approval

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
36"	30"		50'	surface
26"	20"	94#	570'	suff to reach surface
17 1/2"	13-3/8"	48-54.5-61-68#	4000'	suff to reach surface
12 1/2"	9-5/8"	40-43.5#	11100'	suff to reach 9400'
8 1/2"	7-5/8" (liner)	39#	10900-13500'	450 sx
6 1/2"	5" (liner)	18#	13300-15500'	250 sx

RECEIVED

AUG - 2 1974

U.S. GEOLOGICAL SURVEY
ARTESIA, N.M.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program if any.

24. SIGNED Robert L. Thorma TITLE Division Waterflood Eng. DATE Aug 2, 1974
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY _____ TITLE _____
 CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE NEW MEXICO 87501

4/2

January 14, 1975

C
O
P
Y

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

Attention: Mr. W. A. Hamilton

Re: 1975 Plan of Development
James Ranch Unit, Eddy
County, New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1975 Plan of Development dated December 12, 1974, for the James Ranch 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

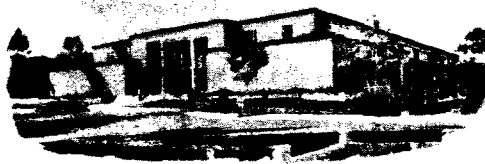
ALP/JEK/oq

cc: Commissioner of Public Lands
Santa Fe, New Mexico

United States Geological Survey
Roswell, New Mexico



State of New Mexico



Commissioner of Public Lands

January 10, 1975

PHIL R. LUCERO
COMMISSIONER

472
TELEPHONE
505-827-2748

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

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

Re: Plan of Development-
James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Wm. Arthur Hamilton

Gentlemen:

The Commissioner of Public Lands has this date approved your 1975 Plan of Development for the James Ranch Unit, Eddy County, New Mexico. Such plan, proposes the drilling of one Morrow well and the affirmation that appropriate effective measures will be taken to prevent drainage of unitized substances from lands subject to the James Ranch Unit Agreement.

This approval is subject to like approval by the New Mexico Oil Conservation Commission. The USGS approved the plan on December 23, 1974.

One approved copy of the plan is enclosed herewith. Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

BY:
ROMULO U. MARTINEZ-
Assistant Director
Oil and Gas Division

PRL/RUM/s
encl.
cc:

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

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

January 6, 1975

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

RE: Plan of Development
James Ranch Unit
No. 14-08-001-558
Eddy County, New Mexico

Gentlemen:

We are attaching hereto in duplicate proposed Plan of Development for the above unit for 1975. If this plan meets with your approval, we would appreciate it if one copy could be signed and returned for our files.

To your file copy we have attached a copy of this Plan of Development, which has previously been approved by the U.S.G.S.

Yours very truly,

PERRY R. BASS

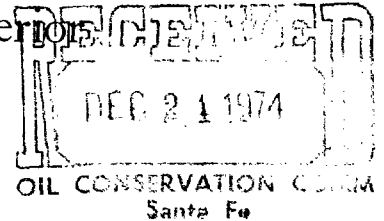
By Wm. Arthur Hamilton



United States Department of the Interior

GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201



December 23, 1974

472

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

Gentlemen:

Two approved copies of your 1975 plan of development for the James Ranch unit area, Eddy County, New Mexico, are enclosed. Such plan, proposing the drilling of one Morrow well and the affirmation that appropriate effective measures will be taken to prevent drainage of unitized substances from lands subject to the unit agreement, was approved on this date subject to approval of the Notices to Drill by the District Engineer and like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

G. R. DANIELS

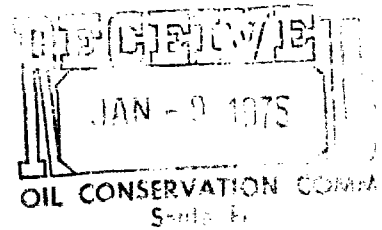
G. R. DANIELS
Acting Area Oil and Gas Supervisor

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

JAGillham:ds

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

December 12, 1974



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

RE: Plan of Development -
James Ranch Unit
No. 14-08-001-558
Eddy County, New Mexico

Gentlemen:

In compliance with Section 10 of the James Ranch Unit, dated April 22, 1953, Perry R. Bass, as Unit Operator, hereby submits for your approval a Plan of Development for 1975.

HISTORY OF PAST DEVELOPMENT

We have previously reviewed in our Plans of Development all wells drilled prior to 1974, and we refer you to our previous Plans for reference therein.

Belco Petroleum Company drilled the No. 1 Hudson Federal in the SE/4 NW/4 of Section 1, T23S, R30E to a depth of 14,325' in the Morrow formation. This well was spudded February 25, 1974, and completed August 19, 1974, after perforating the Atoka formation 12,989-12,995'. After treating this zone with 250 gallons of acetic acid, the well on August 8, 1974, on a 12 hour test on a 14/64" choke, flowed 4 BOPD, 1054 MCFGPD, 7 BWPD-FTP 1000 psi, CP 0, gas-oil ratio 263,500. This well is currently on stream and selling their gas to Natural Gas Pipeline Co. of America. Lots 3 and 4 of Section 1 located in the James Ranch Unit have been placed in the pro-ration unit for this well.

Continental Oil Company is currently attempting to complete the No. 7 James Ranch Unit well located in the SW/4 NE/4 of Section 6, T23S, R31E after having drilled same to a depth of 14,590' in the Morrow formation. The well has been perforated in the Bone Spring Sand formation from 11,017-11,052', acidized with 3,000 gallons and fraced with 12,000 gallons. The well on November 25, 1974, flowed 105 BO, 45 BW and 260 MCFG in 24 hours on a 17/64" choke with FTP 300 psi and CP 250 psi.

A request has been made for a permit to drill No. 6 James Ranch Unit well in SE/4 NW/4, Section 24, T22S, R30E but to date approval has not been received because of Potash Regulations. During the year of 1974 we did some additional seismograph work on this Unit. Actually 5 miles of data was completed in an effort to locate additional wells on the Unit. A map is attached hereto showing these seismic lines.

PROPOSED FUFURE DEVELOPMENT

Plans for 1975 include the drilling of a deep Morrow test.

M. P. Grace #1 Cabin Baby Federal located in SW/4 NE/4, Section 5, T23S, R31E offsets this unit and if productive, it would cause another well to be drilled in the W/2 of Section 5 which would include Unit Acreage.

ADDITIONAL DEVELOPMENT

This Plan of Development shall constitute the drilling obligations of the Unit Operator under the terms of the James Ranch Unit Agreement ending December 31, 1975. 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, 1975. 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 Wm. Arthur Hamilton

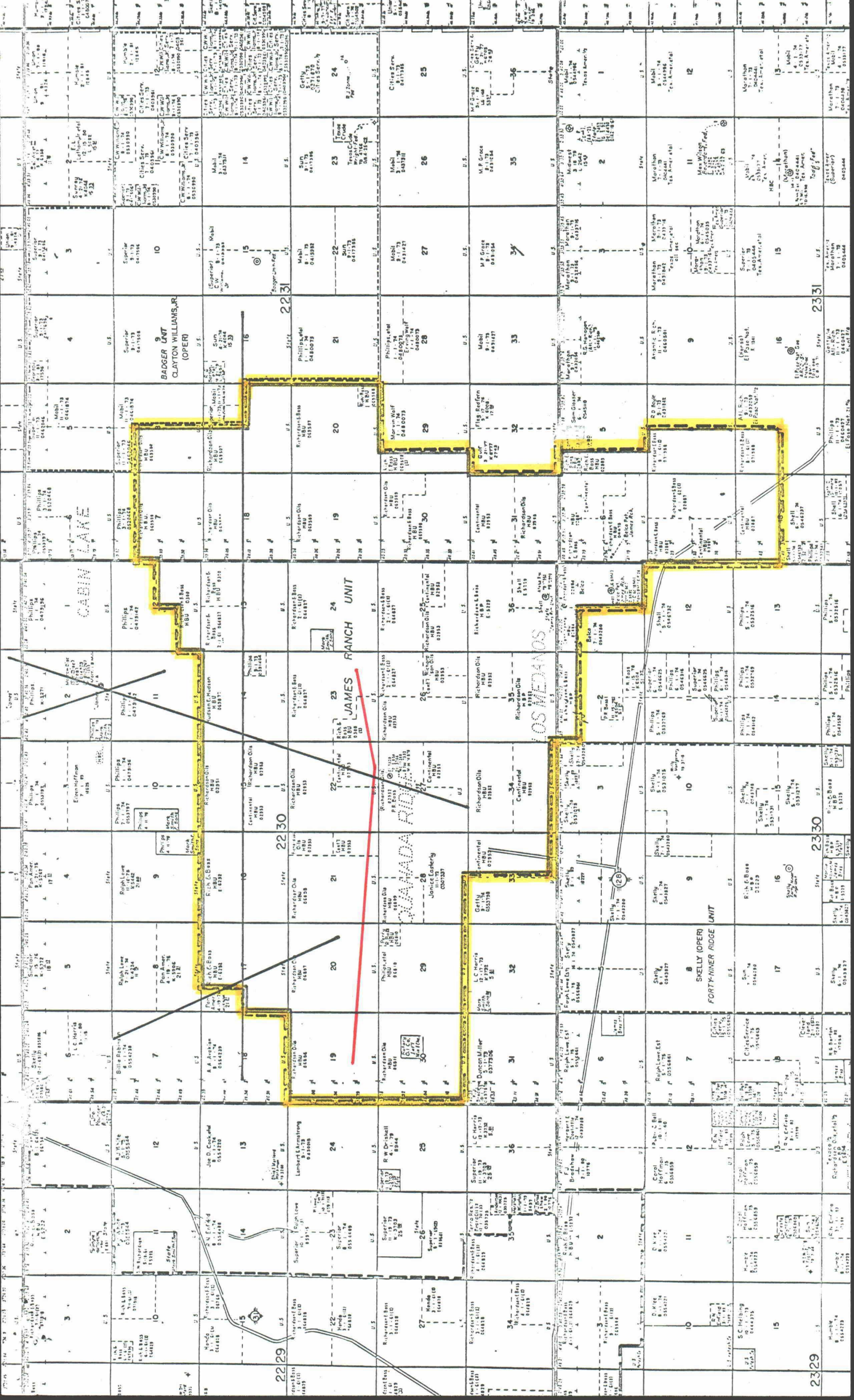
1975 Plan of Development
James Ranch Unit -
Eddy County, New Mexico

Page 3
December 12, 1974

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

Approved: _____ Date: _____
Commissioner of Public Lands

Approved: *A. H. Peter, Jr.* Date: *January 14, 1975*
Oil Conservation Commission





United States Department of the Interior

GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

4/72
January 24, 1974

Perry R. Bass
Attention: Mr. Howard W. Jennings
Fort Worth National Bank Building
Fort Worth, Texas 76102

Gentlemen:

Your 1974 plan of development for the James Ranch unit area, Eddy County, New Mexico, proposes to conduct six miles of additional geo-physical work in an effort to determine the location for a test which you anticipate drilling to 15,000 feet. You also propose to drill two additional deep wells one of which will be located offsetting the James Ranch unit area but the offsetting well will embrace a portion of the unit participating area if productive. Such plan is approved on this date subject to approval of the Notices to Drill by the District Engineer and like approval of the plan by the appropriate officials of the State of New Mexico.

One approved copy is enclosed herewith.

Sincerely yours,

CARL C. TRAYWICK
Acting Area Oil and Gas Supervisor

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

JAGillham:ds

CP

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 9, 1974

Perry R. Bass
12th Floor Ft. Worth Nat'l Bank Bldg.
Fort Worth, Texas 76102

Re: 1974 Plan of Development
James Ranch Unit, Eddy
County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Plan of Development for the calendar year 1974 for the James Ranch 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

cc: Commissioner of Public Lands - Santa Fe
U. S. Geological Survey - Roswell

jin

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 4, 1974

472

C
O
P
Y

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

Attention: Mr. B. P. Duncan

Re: Initial Morrow Participating
Area, James Ranch Unit,
Eddy County, New Mexico.

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Initial Participating Area, Morrow formation, consisting of the W/2 of Section 6, Township 23 South, Range 31 East, for the James Ranch 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 application are returned herewith.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og

cc: Commissioner of Public Lands
Santa Fe, New Mexico

U. S. Geological Survey
Roswell, New Mexico

TELEPHONE
505-827-2748

December 26, 1973

472

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

Re: Plan of Development 1974
James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Howard W. Jennings

Gentlemen:

The Commissioner of Public Lands has this date approved your 1974 Plan of Development for the James Ranch Unit, Eddy County, New Mexico, proposing to conduct six miles of additional seismic work in an effort to locate a deep test which you anticipate drilling. Also approved are your plans to drill two (2) wells in the James Ranch Unit.

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

One approved copy of the plan is enclosed herewith.

We received only two (2) instruments and three (3) instruments are required to be processed. Please remit a Three (\$3.00) Dollar filing fee. In the future please submit the three (3) required instruments to be processed.

Very truly yours,

RAY D. GRAHAM, Director
Oil and Gas Department

AJA/RBG/rz
Enclosure

cc: USGS-Albuquerque, New Mexico
OCC-Santa Fe, New Mexico

RECEIVED
OIL AND GAS
DEPARTMENT
JAN 2 1974
SANTA FE

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

December 18, 1973

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

Re: Plan of Development -
James Ranch Unit -
No. 14-08-001-558
Eddy County, New Mexico

Gentlemen:

In compliance with Section 10 of the James Ranch Unit, dated April 22, 1953, Perry R. Bass, as Unit Operator, hereby submits for your approval a Plan of Development for 1974.

HISTORY OF PAST DEVELOPMENT

We have previously reviewed in our Plans of Development all wells drilled prior to 1971, and we refer you to our previous Plans for reference therein.

Belco Petroleum Company, as Agent for Perry R. Bass, Unit Operator, drilled the No. 3 James Ranch Unit Well, located 1980' from the South line and 1657' from the East line of Section 1-23S-30E. This well was spudded September 24, 1971 and drilled to a total depth of 15,595'. The well tested the Devonian formation, which was proven nonproductive, and same was plugged back to the Morrow formation and completed on March 7, 1972. The producing interval in this well was from 13,862 - 14,266'. The initial potential of this well was 6500 MCFPD.

The Morrow production was very disappointing and the well was subsequently recompleted with perforations 12,731 - 12,773' and 12,988 - 13,005' in the Atoka formation. The IPF was 3600 MCF plus 77.29 BOPD. The gravity was 54.1. Belco Petroleum #4 James Ranch Unit was drilled 330' FWL & 2180' FSL Section 6, T-23S, R-31E, Eddy County, New Mexico. This well was spudded 5-21-73 and drilled to TD 14,380'. The well was completed 9-24-73 from the Morrow formation with perforations of 13,865 - 14,114'. CAOF 7800 MCF gas per day. The Atoka formation was also perforated 12,912' - 12,920' and this formation is shut in. Gas production from this well is

presently being sold to Natural Gas Pipeline. During the year of 1973 we did some additional sismograph work on this Unit. Actually 18.617 miles of data was completed in an effort to locate additional wells on the Unit. A map is attached hereto showing these seismic lines.

PROPOSED FUTURE DEVELOPMENT

During 1974 we have a tentative program to conduct six miles of additional seismic work on this Unit in an effort to locate a deep test which we anticipate drilling in Section 24-22S-30E. We anticipate drilling this well to a depth of 15,000'.

We also have plans with Belco Petroleum to drill a well 1980' from North and West lines of Section 1-23S-30E which offsets the James Ranch Unit. A portion of the James Ranch Unit would be in the participating area which, if the well is productive, would cover the West half of Section 1-23S-30E, we estimate the depth of this well to be 14,500'. We also have plans to drill a #5 James Ranch Unit Well either in the North half of Section 7-23S-31E or the West half of Section 36-22S-30E. The location of this well will depend on securing Potash Company permission.

ADDITIONAL DEVELOPMENT

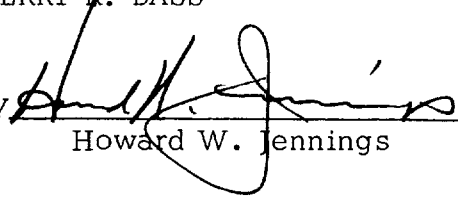
This Plan of Development shall constitute the drilling obligations of the Unit Operator under the terms of the James Ranch Unit Agreement ending December 31, 1974. Before this Plan expires, a subsequent Plan of Development will be forwarded for your approval.

MODIFICATION

It is understood that this Plan of Development shall be effective as of January 1, 1974. 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

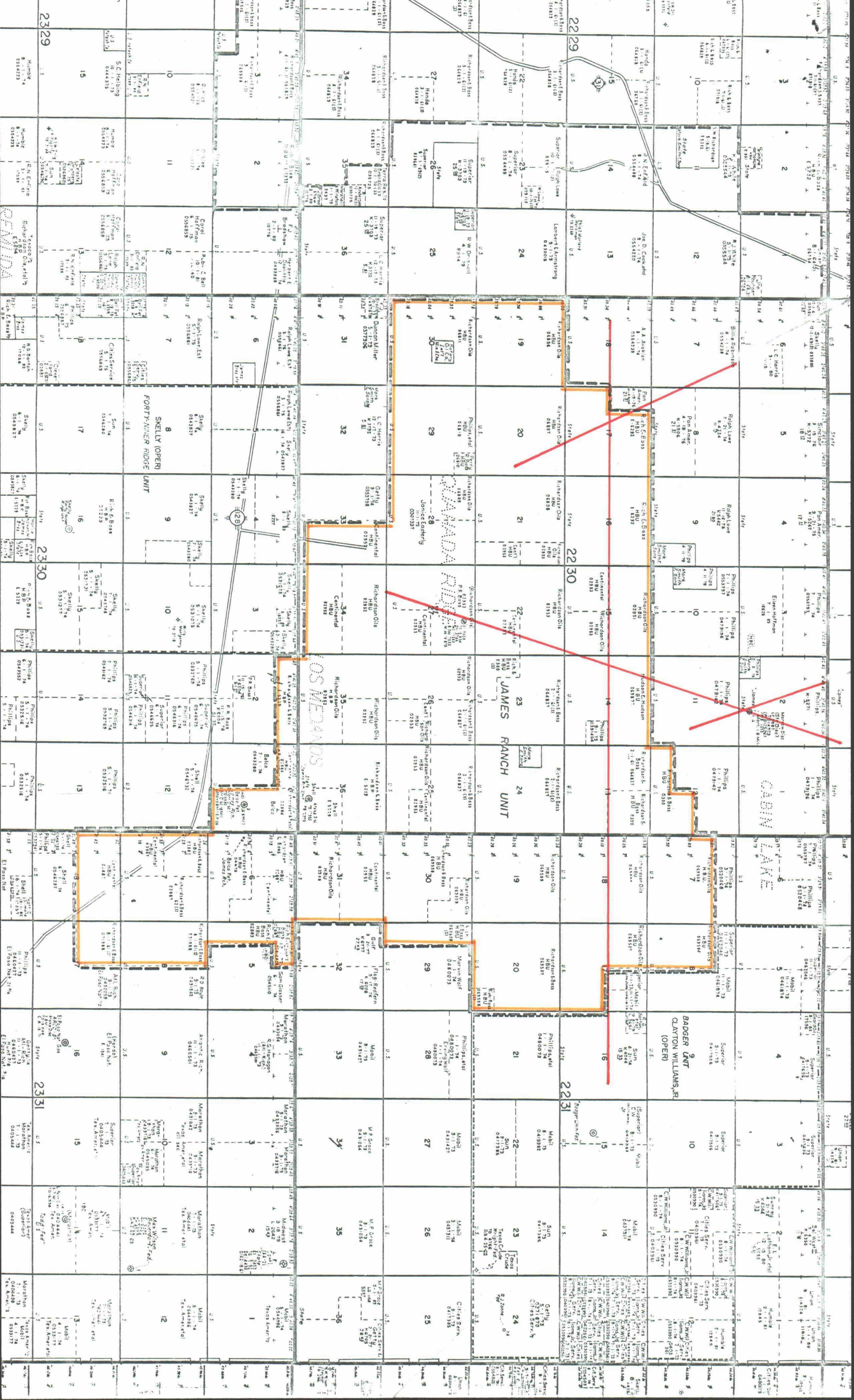
1974 Plan of Development
James Ranch Unit -
Eddy County, New Mexico

Page 3
December 18, 1973

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

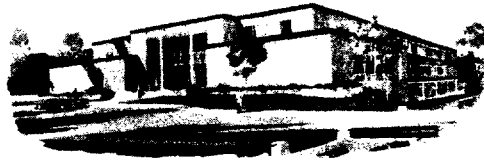
Approved: _____ Date: _____
Commissioner of Public Lands

Approved: G. L. Porter Date: January 9, 1974
Oil Conservation Commission



State of New Mexico

TELEPHONE
505-827-2748



Commissioner of Public Lands

December 5, 1973

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

Perry R. Bass
12th Floor Ft. Worth Nat'l Bank Building
Fort Worth, Texas 76102

Re: James Ranch Unit
INITIAL PARTICIPATING AREA,
MORROW FORMATION,
Eddy County, New Mexico

ATTENTION: Mr. B. P. Duncan Jr.

Gentlemen:

The Commissioner of Public Lands has this date approved your Initial Participating Area, Morrow Formation, for the James Ranch Unit, Eddy County, New Mexico. This Participating Area covers the W/2 of Section 6, Township 23 South, Range 31 East.

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

Enclosed is one approved copy for your files.

Very truly yours,

ROMULO U. MARTINEZ
Assistant Director
Oil and Gas Division

AJA/RUM/s
encl.
cc:

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

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

November 27, 1973

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

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

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

Re: James Ranch Unit
No. 14-08-001-558

Gentlemen:

Reference is made to the above captioned Unit covering lands located in Eddy County. Perry R. Bass, as Operator, hereby requests that an Initial Participating Area of the W $\frac{1}{2}$ of Section 6, T-23-S, R-31-E, be established for the Morrow formation.

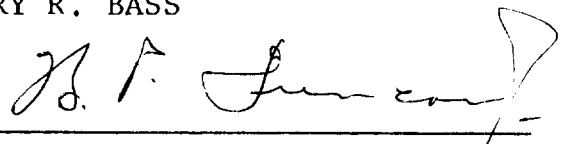
The Belco Petroleum Corporation #4 James Ranch Unit well, located 2180' from the South Line and 330' from the West Line of Section 6, T-23-S, R-31-E, was drilled to a total depth of 14,380 feet. The well was then completed in the Morrow formation from perforations from 13,865-13,879, 13,886-13,896, 14,072-14,088 and 14,110-14,114'. Initial sale of gas was made on September 9, 1973, and on Exhibit "A", attached hereto, is shown the daily sales and flowing tubing pressures for the months of September and October, 1973. The well is producing no water or condensate.

As Unit Operator, we hereby respectfully submit that a Morrow Participating Area covering the W $\frac{1}{2}$ of Section 6 be established in accordance with the terms and provisions of the James Ranch Unit Agreement.

Yours very truly,

PERRY R. BASS

By



/jdb
Attachments

U. S. Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
November 27, 1973
Page 2

APPROVED:

U. S. Geological Survey

By _____
Date _____

Commissioner of Public Lands

By _____
Date _____

New Mexico Oil Conservation Commission

By G. L. Porter
Date January 4, 1974

EXHIBIT "A"

<u>Date</u>	<u>MCFPD</u>	<u>FTP</u>
9/9/73	4031	
9/10/73	6171	1300
9/11/73	6001	1400
9/12/73	6357	2300
9/13/73	6091	2300
9/14/73	6162	2800
9/15/73	6231	2600
9/16/73	6285	2600
9/17/73	6330	2600
9/18/73	6357	2600
9/19/73	6384	2600
9/20/73	6398	2600
9/21/73	6402	2600
9/22/73	6432	2600
9/23/73	2834	2600
9/24/73	5068	
9/25/73	5993	2800
9/26/73	5796	2700
9/27/73	5495	2800
9/28/73	5568	3000
9/29/73	5604	3000
9/30/73	5602	2950
10/1/73	5665	3000
10/2/73	5665	3000
10/3/73	5734	3000
10/4/73	5592	3000
10/5/73	5640	2950

<u>Date</u>	<u>MCFPD</u>	<u>FTP</u>
10/6/73	5592	2975
10/7/73	5694	2950
10/8/73	5631	2975
10/9/73	5592	3000
10/10/73	5592	3000
10/11/73	5667	3000
10/12/73	5667	3000
10/13/73	5631	3000
10/14/73	5631	3000
10/15/73	5915	3000
10/16/73	5704	3000
10/17/73	5704	3000
10/18/73	4540	3000
10/19/73	5965	3000
10/20/73	5965	3000
10/21/73	5965	3000
10/22/73	5965	3000
10/23/73	5965	3000
10/24/73	5965	3000
10/25/73	5850	3000
10/26/73	5850	3000
10/27/73	5850	3000
10/28/73	5736	3000
10/29/73	5736	3000
10/30/73	5777	3000
10/31/73	5592	3000

EXHIBIT "B"

Schedule 1

Initial Participating Area for the Morrow Formation

Lease Number	Description	Acres	Working Interest	Royalty	Tract Participation Percentage
NM-04473	T-23-S, R-31-E Sec 6: Lots 6,7, E $\frac{1}{2}$ SW $\frac{1}{4}$	162.09	Belco Petroleum Corp.: Und. 2/3; Perry R. Bass: Und. 1/4 of 1/3; & Bass Enterprises Pro- duction Co.: Und. 3/4 of 1/3; subject to 1.5% ORR payable to: Howard W. Jennings; & 1.5% ORR payable to: Pauline V. Trigg	USA 12 $\frac{1}{2}$ %	50.15
NM-02887-D	T-23-S, R-31-E Sec 6: Lots 3,4,5, SE $\frac{1}{2}$ NW $\frac{1}{4}$	161.14	Belco Petroleum Corp.: Und. 2/3; Perry R. Bass: Und. 1/4 of 1/3; & Bass Enterprises Pro- duction Co.: Und. 3/4 of 1/3; subject to production payment of \$400 per acre out of 1% payable to: Howard W. Jennings	USA 12 $\frac{1}{2}$ %	49.85

Jim

OIL CONSERVATION COMMISSION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

472

October 19, 1973

C
O
P
Y

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

Attention: Mr. B. P. Duncan, Jr.

Re: Initial Participating Area
Strawn Formation, James Ranch
Unit, Eddy County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Initial Participating Area, Strawn Formation for the James Ranch 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 application are returned herewith.

Very truly yours,

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

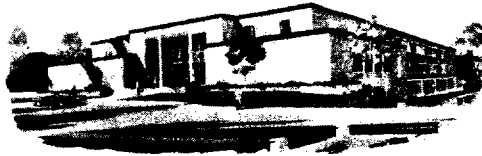
ALP/JEK/og

cc: Commissioner of Public Lands - Santa Fe
U. S. Geological Survey - Roswell

State of New Mexico

472
TELEPHONE

505-827-2748



Commissioner of Public Lands

October 12, 1973

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

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

Re: James Ranch Unit
INITIAL PARTICIPATING AREA-
STRAWN FORMATION
Eddy County, New Mexico

ATTENTION: Mr. B. P. Duncan Jr.

Gentlemen:

This is to advise that the Commissioner of Public Lands has this date approved your Initial Participating Area, Strawn Formation, for the James Ranch Unit, Eddy County, New Mexico. This approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

One approved copy of the plan is returned herewith.

Very truly yours,

ROMULO U. MARTINEZ
Assistant Director
Oil and Gas Department

AJA/RUM/s
encl.
cc:

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

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

September 17, 1973

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

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

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

Re: James Ranch Unit
No. 14-08-001-558

Gentlemen:

Reference is made to the above captioned Unit covering lands located in Eddy County. Perry R. Bass, as Operator, hereby requests that an Initial Participating Area of the E $\frac{1}{2}$ of Section 1, T-23-S, R-30-E, be established for the Strawn formation.

The Belco Petroleum Corp. #3 James Ranch Unit well, located 1980' from the South Line and 1657' from the East Line of Section 1, T-23-S, R-30-E, was drilled to a total depth of 15,595' to test the Devonian formation. After extensive testing, the well was plugged back and completed in the Morrow formation on March 27, 1972, at a perforated depth of 13,862 - 14,266' as a non-commercial well, and was produced on a lease basis.

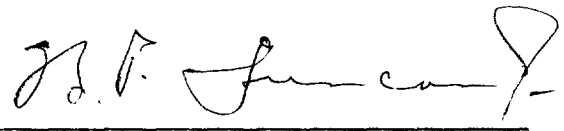
The Morrow formation was abandoned and the well was plugged back to 13,741'. After additional testing, the well was completed through perforations from 12,731' to 12,773' in the Strawn formation on December 8, 1972. The initial flow rate, on May 6, 1973, when the well was placed on production was 7.05 MMCFPD with 70 barrels of condensate, FCP 1350#. After producing at a fairly constant rate, the well, on August 30, 1973, was still flowing at the rate of 6.61 MMCFPD, producing 70 barrels of condensate, TP 2000#, CP 1300#.

U. S. Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
September 17, 1973
Page 2

As Unit Operator, we hereby respectfully submit that a Strawn Participating Area covering the E $\frac{1}{2}$ of Section 1 be established in accordance with the terms and provisions of the James Ranch Unit Agreement.

Yours very truly,

PERRY R. BASS

By 

/jdb

APPROVED:

U. S. Geological Survey

By _____
Date _____

Commissioner of Public Lands

By _____
Date _____

New Mexico Oil Conservation Commission

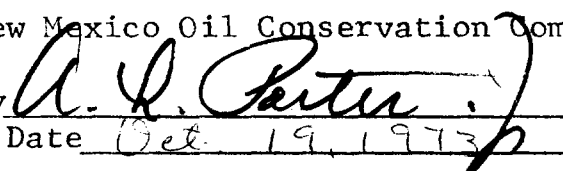
By 
Date Oct 19, 1973

EXHIBIT "B"

Schedule 1

Initial Participating Area for the Strawn Formation

Lease No.	Description	Acres	Ownership	Percentage Committed
NM 02884	T-23-S, R-30-E E $\frac{1}{2}$ Section 1	320.24	Belco Petroleum Corp. Perry R. Bass Bass Enterprises Production Co. United States of America	.75000 .02875 .08625 .12500
			Howard W. Jennings 240/320.24 of \$400 per acre out of 1%	.00750
			Melinda W. Holy 80.24/320.24 of \$400 per acre out of 1%	.00250

JAMES RANCH UNIT #3

5- 6-73 Flow Rate 7.05 MMCFPD, FCP 1350#. Recovered 70 barrels condensate.

5- 7-73 Flow Rate 6.16 MMCFPD, FCP 1350#. Recovered 82 barrels condensate.

5- 8-73 Flow Rate 6.52 MMCFPD, FCP 1350#. Recovered 62 barrels condensate.

5- 9-73 Flow Rate 6.72 MMCFPD, FCP 1300#. Recovered 68 barrels condensate.

5-10-73 Shut-in for pipeline to repair leak in line.

5-11-73 Flow Rate 5.71 MMCFPD, FCP 2850#. Recovered 54 barrels condensate.

5-12-73 Flow Rate 5.80 MMCFPD, FCP 2800#. Recovered 86 barrels condensate.

5-13-73 Flow Rate 6.69 MMCFPD, FCP 1850#. Recovered 37 barrels condensate.

5-14-73 Flow Rate 6.69 MMCFPD, FCP 1450#. Recovered 61 barrels condensate.

5-15-73 Flow Rate 6.69 MMCFPD, FCP 1450#. Recovered 60 barrels condensate.

5-16-73 Flow Rate 6.87 MMCFPD, FCP 1400#. Recovered 71 barrels condensate.

5-17-73 Flow Rate 7.05 MMCFPD, FCP 1350#. Recovered 73 barrels condensate.

5-18-73 Flow Rate 7.14 MMCFPD, FCP 1300#. Recovered 97 barrels condensate.

5-19-73 Flow Rate 6.68 MMCFPD, FCP 1350#. Recovered 68 barrels condensate.

5-20-73 Flow Rate 7.13 MMCFPD, FCP 1350#. Recovered 72 barrels condensate.

5-21-73 Flow Rate 7.14 MMCFPD, FCP 1350#. Recovered 71 barrels condensate.

5-22-73 Flow Rate 6.31 MMCFPD, FCP 1350#. Recovered 70 barrels condensate.

5-23-73 Flow Rate 6.44 MMCFPD, FCP 1800#. Recovered 87 barrels condensate.

5-24-73 Flow Rate 6.61 MMCFPD, FCP 1800#. Recovered 52 barrels condensate.

5-25-73 Flow Rate 6.97 MMCFPD, FCP 1350#. Recovered 79 barrels condensate.

5-26-73 Flow Rate 7.23 MMCFPD, FCP 1350#. Recovered 90 barrels condensate.

5-27-73 Flow Rate 6.97 MMCFPD, FCP 1350#. Recovered 75 barrels condensate.

5-28-73 Flow Rate 6.97 MMCFPD, FCP 1350#. Recovered 66 barrels condensate.

5-29-73 Flow Rate 6.97 MMCFPD, FCP 1350#. Recovered 76 barrels condensate.

5-30-73 Flow Rate 6.97 MMCFPD, FCP 1350#. Recovered 75 barrels condensate.

5-31-73 Flow Rate 7.14 MMCFPD, FCP 1350#. Recovered 78 barrels condensate.

6- 1-73 Flow Rate 7.32 MMCFPD, FCP 1350#. Recovered 73 barrels condensate.

6- 2-73 Flow Rate 7.41 MMCFPD, FCP 1350#. Recovered 75 barrels condensate.

6- 3-73 Flow Rate 7.32 MMCFPD, FCP 1350#. SITP 1950#. Recovered 83 barrels condensate.

6- 4-73 NO REPORT

6- 5-73 Flow Rate 7.32 MMCFPD, FCP 1350#, SITP 1950#. Recovered 91 barrels condensate.

6- 6-73 NO REPORT

6- 7-73 Flow Rate 7.23 MMCFPD, FCP 1350#, SITP 1950#. Recovered 63 barrels condensate.

6- 8-73 Flow Rate 7.32 MMCFPD, FCP 1350#, SITP 1950#. Recovered 74 barrels condensate.

6- 9-73 Flow Rate 7.05 MMCFPD, FCP 1350#, SITP 1950#. Recovered 73 barrels condensate.

6-10-73 Flow Rate 6.96 MMCFPD, FCP 1350#, SITP 1950#. Recovered 77 barrels condensate.

6-11-73 Flow Rate 7.05 MMCFPD, FCP 1350#, SITP 1950#. Recovered 61 barrels condensate.

6-12-73 Flow Rate 7.05 MMCFPD, FCP 1350#, SITP 1950#. Recovered 71 barrels condensate.

6-13-73	Flow Rate 7.05 MMCFPD, FCP 1400#, SITP 1950#. Recovered 68 barrels condensate.
6-14-73	Flow Rate 7.14 MMCFPD, FCP 1400#, SITP 2000#. Recovered 80 barrels condensate.
6-15-73	Flow Rate 7.23 MMCFPD, FCP 1400#, SITP 2000#. Recovered 70 barrels condensate.
6-16-73	Flow Rate 6.87 MMCFPD, FCP 1400#, SITP 2000#. Recovered 75 barrels condensate.
6-17-73	Flow Rate 7.05 MMCFPD, FCP 1400#, SITP 2000#. Recovered 73 barrels condensate.
6-18-73	Flow Rate 6.86 MMCFPD, FCP 1400#, SITP 2000#. Recovered 72 barrels condensate.
6-19-73	Flow Rate 6.95 MMCFPD, FCP 1400#, SITP 2000#. Recovered 75 barrels condensate.
6-20-73	Flow Rate 7.13 MMCFPD, FCP 1400#, SITP 2000#. Recovered 73 barrels condensate.
6-21-73	Flow Rate 7.13 MMCFPD, FCP 1400#, SITP 2000#. Recovered 82 barrels condensate.
6-22-73	Flow Rate 7.14 MMCFPD, FCP 1400#, SITP 2000#. Recovered 73 barrels condensate.
6-23-73	Flow Rate 7.23 MMCFPD, FCP 1400#, SITP 2000#. Recovered 70 barrels condensate.
6-24-73	Flow Rate 7.23 MMCFPD, FCP 1400#, SITP 2000#. Recovered 69 barrels condensate.
6-25-73	Flow Rate 7.32 MMCFPD, FCP 1400#, SITP 2000#. Recovered 83 barrels condensate.
6-26-73	Flow Rate 7.23 MMCFPD, FCP 1400#, SITP 2000#. Recovered 73 barrels condensate.
6-27-73	Flow Rate 2.61 MMCFPD, FCP 3500#, SITP 3800#. Recovered 48 barrels condensate.
6-28-73	Flow Rate 2.61 MMCFPD, FCP 3500#, SITP 3800#. Recovered 53 barrels condensate. Shut-in 3 hours - washing out separators.
6-29-73	Flow Rate 7.23 MMCFPD, FCP 1600#, SITP 1900#. Recovered 87 barrels condensate.
6-30-73	Flow Rate 6.06 MMCFPD, FCP 2200#, SITP 2200#. Recovered 101 barrels condensate.
7- 1-73	Flow Rate 6.97 MMCFPD, FCP 1400#, SITP 2100#. Recovered 93 barrels condensate.

7- 2-73	Flow Rate 7.22 MMCFPD, FCP 1350#, SITP 2000#.	Recovered 77 barrels condensate.
7- 3-73	Flow Rate 7.49 MMCFPD, FCP 1350#, SITP 2000#.	Recovered 89 barrels condensate.
7- 4-73	Flow Rate 7.12 MMCFPD, FCP 1350#, SITP 2000#.	Recovered 87 barrels condensate.
7- 5-73	Flow Rate 7.05 MMCFPD, FCP 1400#, SITP 2000#.	Recovered 77 barrels condensate.
7- 6-73	Flow Rate 7.31 MMCFPD, FCP 1400#, SITP 2000#.	Recovered 82 barrels condensate.
7- 7-73	Flow Rate 7.41 MMCFPD, FCP 1400#, SITP 2000#.	Recovered 77 barrels condensate.
7- 8-73	Flow Rate 7.22 MMCFPD, FCP 1400#, SITP 2000#.	Recovered 75 barrels condensate.
7- 9-73	Flow Rate 7.22 MMCFPD, FCP 1400#, SITP 2000#.	Recovered 82 barrels condensate.
7-10-73	Flow Rate 7.14 MMCFPD, FCP 1400#, SITP 2000#.	Recovered 71 barrels condensate.
7-11-73	Flow Rate 7.23 MMCFPD, FCP 1400#, SITP 2000#.	Recovered 68 barrels condensate.
7-12-73	Flow Rate 7.40 MMCFPD, FCP 1400#, SITP 2000#.	Recovered 78 barrels condensate.
7-13-73	Flow Rate 7.31 MMCFPD, FCP 1400#, SITP 2000#.	Recovered 76 barrels condensate.
7-14-73	Flow Rate 7.39 MMCFPD, FCP 1400#, SITP 2000#.	Recovered 82 barrels condensate.
7-15-73	Flow Rate 7.47 MMCFPD, FCP 1400#, SITP 2000#.	Recovered 83 barrels condensate.
7-16-73	Flow Rate 7.38 MMCFPD, FCP 1400#, SITP 2000#.	Recovered 83 barrels condensate.
7-17-73	Flow Rate 7.47 MMCFPD, FCP 1400#, SITP 2000#.	Recovered 81 barrels condensate.

7-18-73	Flow Rate 7.21 MMCFPD, FCP 1400#, SITP 2000#. Recovered 61 barrels condensate.
7-19-73	Flow Rate 7.38 MMCFPD, FCP 1400#, SITP 2000#. Recovered 77 barrels condensate.
7-20-73	Flow Rate 7.21 MMCFPD, FCP 1400#, SITP 2000#. Recovered 75 barrels condensate.
7-21-73	Flow Rate 7.37 MMCFPD, FCP 1400#, SITP 2000#. Recovered 77 barrels condensate.
7-22-73	Flow Rate 5.78 MMCFPD, FCP 2500#, SITP 3000#. Recovered 56 barrels condensate. Down 4 hours - pipeline company had dehydration trouble.
7-23-73	Flow Rate 7.36 MMCFPD, FCP 1900#, SITP 2500#. Recovered 58 barrels condensate.
7-24-73	Flow Rate 6.86 MMCFPD, FCP 1500#, SITP 2100#. Recovered 96 barrels condensate.
7-25-73	Flow Rate 7.27 MMCFPD, FCP 1400#, SITP 2000#. Recovered 71 barrels condensate.
7-26-73	Flow Rate 7.22 MMCFPD, FCP 1400#, SITP 2000#. Recovered 82 barrels condensate.
7-27-73	Shut-in - Pipeline company working on dehydration unit.
7-28-73	Opened up at 2:00 p.m.
7-29-73	Flow Rate 4.38 MMCFPD, FCP 2400#, SITP 2800#. Recovered 97 barrels condensate.
7-30-73	Flow Rate 5.67 MMCFPD, FCP 3400#, SITP 3600#. Recovered 83 barrels condensate.
8- 1-73	Flow Rate 6.28 MMCFPD, FCP 2000#, SI P 2500#. Recovered 35 barrels condensate.
8- 2-73	Flow Rate 6.36 MMCFPD, FCP 1800#, SITP 2500#. Recovered 67 barrels condensate.
8- 3-73	Flow Rate 6.86 MMCFPD, FCP 1600#, SITP 2400#. Recovered 82 barrels condensate.
8- 4-73	Flow Rate 7.04 MMCFPD, FCP 1500#, SITP 2200#. Recovered 80 barrels condensate.
8- 5-73	Flow Rate 7.23 MMCFPD, FCP 1400#, SITP 2000#. Recovered 77 barrels condensate.
8- 6-73	Flow Rate 7.23 MMCFPD, FCP 1400#, SITP 2000#. Recovered 69 barrels condensate.
8- 7-73	Flow Rate 7.04 MMCFPD, FCP 1400#, SITP 2000#. Recovered 71 barrels condensate.

8- 8-73 Flow Rate 7.13 MMCFPD, FCP 1300#, SITP 2000#. Recovered 60 barrels condensate.

8- 9-73 Flow Rate 7.31 MMCFPD, FCP 1300#, SITP 2000#. Recovered 65 barrels condensate.

8-10-73 Flow Rate 7.13 MMCFPD, FCP 1300#, SITP 2000#. Recovered 80 barrels condensate.

8-11-73 Flow Rate 7.28 MMCFPD, FCP 1300#, SITP 2000#. Recovered 79 barrels condensate.

8-12-73 Flow Rate 7.27 MMCFPD, FCP 1300#, SITP 2000#. Recovered 80 barrels condensate.

8-13-73 Flow Rate 7.37 MMCFPD, FCP 1300#, SITP 2000#. Recovered 78 barrels condensate.

8-14-73 Flow Rate 7.17 MMCFPD, FCP 1300#, SITP 2000#. Recovered 75 barrels condensate.

8-15-73 Flow Rate 7.27 MMCFPD, FCP 1300#, SITP 2000#. Recovered 70 barrels condensate.

8-16-73 Flow Rate 7.30 MMCFPD, FCP 1300#, SITP 2000#. Recovered 72 barrels condensate.

8-17-73 Flow Rate 7.27 MMCFPD, FCP 1300#, SITP 2000#. Recovered 75 barrels condensate.

8-18-73 Flow Rate 7.31 MMCFPD, FCP 1300#, SITP 2000#. Recovered 72 barrels condensate.

8-22-73 NO REPORT

8-24-73 Flow Rate 7.23 MMCFGPD on a 64/64" choke, FTP 2000#, CP 1300#, produced 80 B.C.

8-25-73 7.13 MMCF, TP 2000#, CP 1300#, 70 BC

8-26-73 6.62 MMCF, TP 2000#, CP 1300#, 78 BC

8-27-73 6.88 MMCF, TP 2000#, CP 1300#, 74 BC

8-28-73 Flow Rate 6.88 MMCFGPD, TP 2000#, CP 1300#, produced 70 BC.

8-29-73 Flow Rate 6.70 MMCFGPD, TP 2000#, CP 1300#, produced 73 BC.

8-30-73 Flow rate 6.61 MMCFPG, TP 2000#, CP 1300#, produced 70 bbls condensate.



United States Department of the Interior

GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

February 16, 1973

41-
Perry R. Bass
Attention: Mr. Howard W. Jennings
Fort Worth National Bank Building
Fort Worth, Texas 76102

Gentlemen:

One approved copy of your 1973 plan of development wherein you propose to complete additional testing of unit well No. 3, conduct 15-20 miles of geophysical work and drill a 14,300 foot Morrow well for the James Ranch unit area, Eddy County, New Mexico, is enclosed. Such plan was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(C/C)

CARL C. TRAYWICK
Acting Area Oil and Gas Supervisor

cc:
Regional Mgr., Denver (ltr. only)
Washington (w/cy plan)
Artesia (w/cy plan)
NMOCC, Santa Fe (ltr. only)
Com. Pub. Lands, Santa Fe (ltr. only)

JAGillham:ds

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 23, 1973

472

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

Attention: Mr. Howard W. Jennings

Re: 1973 Plan of Development,
James Ranch Unit, Eddy
County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Plan of Development for 1973 for the James Ranch 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

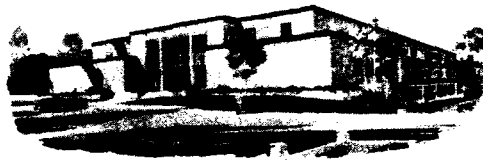
ALP/JEK/og

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

State of New Mexico 472

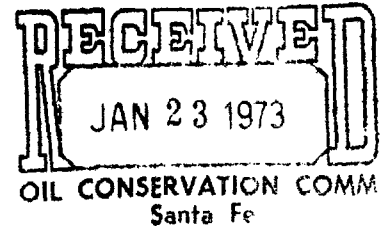
TELEPHONE

505-827-2748



Commissioner of Public Lands

January 22, 1973



ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

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

Re: Plan of Development
James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Howard W. Jennings

Gentlemen:

The Commissioner of Public Lands has this date approved your 1973 Plan of Development for the James Ranch Unit, Eddy County, New Mexico, proposing additional development and the testing of Well No. 3. This approval is 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 Two (\$2.00) Dollar filing fee.

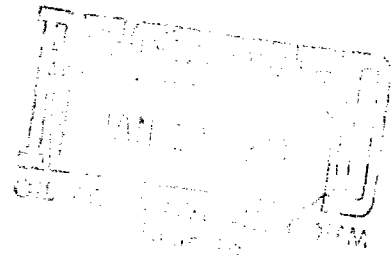
Very truly yours,

RAY D. GRAHAM, Director
Oil and Gas Department

AJA/RDG/s
encl.
cc:

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

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



January 2, 1973

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

Re: Plan of Development -
James Ranch Unit -
No. 14-08-001-558
Eddy County, New Mexico

Gentlemen:

In compliance with Section 10 of the James Ranch Unit, dated April 22, 1953, Perry R. Bass, as Unit Operator, hereby submits for your approval a Plan of Development for 1973.

HISTORY OF PAST DEVELOPMENT

We have previously reviewed in our Plans of Development all wells drilled prior to 1971, and we refer you to our previous Plans for reference therein.

Belco Petroleum Company, as Agent for Perry R. Bass, Unit Operator, drilled the No. 3 James Ranch Unit Well, located 1980' from the South line and 1657' from the East line of Section 1-23S-30E. This well was spudded September 24, 1971 and drilled to a total depth of 15,595'. The well tested the Devonian formation, which was proven nonproductive, and same was plugged back to the Morrow formation and completed on March 7, 1972. The producing interval in this well was from 13,862 - 14,266'. The initial potential of this well was 6500 MCFPD.

The tubing pressure on the above captioned well dropped from a high of 2700# PSI to 1200# PSI, and the gas production decreased to 2.72 MMCFPD.

On November 23, 1972, Operator set bridge plug at 13,050' and packer at 12,940'. Tubing was perforated from 12,998 - 13,005'. Well was acidized with 2500 gallons of 20% CRA acid and over-flushed with treated

January 2, 1973

water. Well was tested for several days, and a representative test indicated the well would produce 4.40 MMCFPD, with a 6245# FTP.

Subsequently, other tests were attempted which were inconclusive, and tubing was started in the hole. The tubing stuck, and since December 12, 1972 Operator has been fishing on tubing. As of January 2, 1973, fishing job has not been cleaned up.

PROPOSED FUTURE DEVELOPMENT

Unit Operator will get sufficient tests on James Ranch No. 3 Well to determine producing characteristics of said well and adequate pressure tests to determine the commercial value of same.

Unit Operator contemplates that a 14,300' Morrow Sand well will be drilled during the year 1973. Plans are underway to do 15-20 miles of geophysical work on the Unit, and upon the completion of this work and the testing of the No. 3 Well, a suitable location will be selected.

ADDITIONAL DEVELOPMENT

This Plan of Development shall constitute the drilling obligations of the Unit Operator under the terms of the James Ranch Unit Agreement ending December 31, 1973. 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, 1973. 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

1973 Plan of Development
James Ranch Unit -
Eddy County, New Mexico
Page 3

January 2, 1973

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

Approved: _____ Date: _____
Commissioner of Public Lands

Approved: *A. H. Butler* Date: *January 23, 1973*
Oil Conservation Commission

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

November 28, 1972

Mr. M. J. Clayburgh, P.A.
618 Manzano, N.E.
Albuquerque, New Mexico 87110

Re: James Ranch Unit Area

Dear Mr. Clayburgh:

Reference is made to your letter requesting the current names and addresses of all owners in the James Ranch Unit Area.

We do not have a more current list of owners of interests in the unit area than the original Exhibit "B" attached to the unit agreement when submitted in 1953. Also, this exhibit does not show the addresses for the owners.

I suggest you contact Mr. Howard W. Jennings, Perry R. Bass, Fort Worth, Texas 76102, for an up-to-date list of owners and their addresses.

Very truly yours,

DANIEL S. NUTTER
Chief Engineer

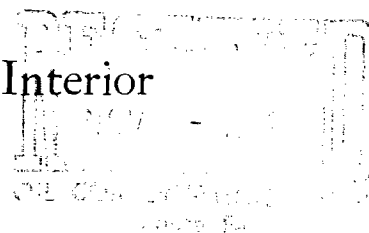
DSN/dr



United States Department of the Interior

GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201



November 1, 1972

472

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

Attention: Mr. Howard W. Jennings

Gentlemen:

Your letter of October 20, 1972, advises that the Belco Petroleum Corporation, James Ranch unit well No. 3 in the NW 1/4 sec. 1, T. 23 S., R. 30 E., Eddy County, New Mexico, lease New Mexico 02884-B, does not warrant establishment of the Morrow participating area and such well should be produced on a lease basis.

Unit well No. 3 $\frac{1}{2}$ was tested March 7, 1972, for an initial potential of 6,500 MCF/GPD from the Morrow at 13,862 to 14,266 feet. During the first 27 days of operation, production has declined from 4 MCF/GPD to 2.72 MCF/GPD and the tubing pressure has correspondingly declined from 2700 psi to 1200 psi which is at or near sales line pressure. The cost of the subject well is in excess of \$900,000.00.

Upon consideration of the data submitted with your determination this office concurs that the Belco No. 3 James Ranch unit well is not capable of producing unitized substances from the Morrow in paying quantities.

Sincerely yours,

(C)

CARL C. THAYWICK
Acting Area Oil and Gas Supervisor

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

JAG:llham:ds



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Drawer 1857
Roswell, New Mexico 88201

RECEIVED
APR 5 1972

April 3, 1972

472

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

Attention: Mr. Howard W. Jennings

Gentlemen:

Your 1972 plan of development for the James Ranch unit area, Eddy County, New Mexico, proposing additional development contingent upon the results achieved from additional testing of the Belco Petroleum Company No. 3 James Ranch unit well 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,

{OFFICIAL SIGNATURE}

N. O. FREDERICK
Regional Oil and Gas Supervisor

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

JWillock:lh

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

February 11, 1972

472

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

Attention: Mr. Howard W. Jennings

Re: 1972 Plan of Development
James Ranch Unit, Eddy
County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Plan of Development for the calendar year 1972 for the James Ranch 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

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

C
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RECEIVED
JAN 25 1972
OIL AND GAS DEPARTMENT

January 25, 1972

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

Re: Plan of Development
James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Howard W. Jennings

Gentlemen:

The Commissioner of Public Lands has this date approved your 1972 Plan of Development for the James Ranch Unit, Eddy County, New Mexico, due to the fact that you are still drilling your well # 3 in the NW/4SE/4 of Section 1, Township 23 South, Range 30 East. This approval is 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 Two (\$2.00) Dollar filing fee.

Very truly yours,

RAY D. GRAHAM, Director
Oil and Gas Department

AJA/RDG/s
encls.

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

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

RECEIVED

JAN - 5 1972

CONSERVATION COMM.
SANTA FE

December 30, 1971

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

Re: Plan of Development
James Ranch Unit -
No. 14-08-001-558
Eddy County, New Mexico

Gentlemen:

In compliance with Section 10 of the James Ranch Unit, dated April 22, 1953, Perry R. Bass, as Unit Operator, hereby submits for your approval a Plan of Development for 1972.

HISTORY OF PAST DEVELOPMENT

The initial test well on this unit was commenced by Richardson & Bass on July 10, 1953, and was located in Section 27-22S-30E, Eddy County, New Mexico. This well was drilled to a total depth of 15,864', and, after the Devonian section was thoroughly tested and proven dry, the well was plugged back to the Delaware Sand at the approximate depth of 6,112'. This well was plugged and abandoned December 27, 1967.

The next well drilled on this unit was commenced by Shell Oil Company on November 29, 1956, and was located in Section 36-22S-30E, Eddy County, New Mexico. The well was drilled to a total depth of 17,555', which tested everything down to and including the Ellenburger formation. The well was subsequently plugged back and is presently producing from perforations in the Pennsylvanian formation, the top of said perforations being at 12,920'. The well was completed on March 5, 1958. On an open flow test, this well produced 9,000 MCF, along with 56 gravity distillate.

This Shell well has continued to produce from the Pennsylvanian formation and has proven to be a well capable of producing oil and gas in commercial quantities.

At the present time, Belco Petroleum is drilling the No. 3 James Ranch well at the approximate depth of 15,120'. This well is located 1980'

from the South line and 1657' from the East line of Section 1-23S-30E. The well was spudded on September 24, 1971 and is projected as a Devonian test at a depth of approximately 16,000'.

Three separate strings of pipe have been run in this well, the latest being 7-5/8" at 12,037', which should enable the Operator to adequately test the Devonian. Three Drill Stem Tests, which have been run on this well, have been encouraging; however, until electric logs are run at total depth and other production tests accomplished, it will remain unknown as to the actual producing characteristics of the well.

PROPOSED FUTURE DEVELOPMENT

Unit Operator will determine when the present well reaches total depth and has been adequately tested as to what additional drilling will be done on this unit in the immediate future.

ADDITIONAL DEVELOPMENT

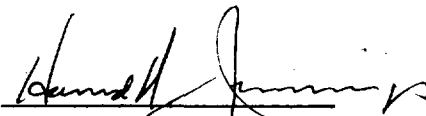
This Plan of Development shall constitute the drilling obligations of the Unit Operator under the terms of the James Ranch Unit Agreement ending December 31, 1972. Before this plan expires, a subsequent Plan of Development will be forwarded for your approval.

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
James Ranch 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



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Drawer 1857
Roswell, New Mexico 88201

October 22, 1971

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

Attention: Mr. Howard W. Jennings

Gentlemen:

Your 1971 plan of development for the James Ranch unit area, Eddy County, New Mexico, has been approved on this date inasmuch as drilling operations have been commenced on unit well No. 3 in the NW 1/4 sec. 1, T. 23 S., R. 30 E., Eddy County, New Mexico, as a Devonian test well in compliance with our letter of July 16, 1971.

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 (e/cy plan)
NMOCC, Santa Fe (ltr. only) ✓
Com. of Public Lands, Santa Fe (ltr. only)

Drawer 1857
Roswell, New Mexico 88201

11 AM 8 11
20 JUL 1971

July 16, 1971

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

Attention: Mr. Howard W. Jennings

Gentlemen:

Your 1971 plan of development for the James Ranch unit proposes the drilling of a Marrow test well located either within the unit area in the NW $\frac{1}{4}$ sec. 17, T. 23 S., R. 31 E., Eddy County, New Mexico, or directly offsetting the unit area in the SW $\frac{1}{4}$ of sec. 17, T. 23 S., R. 31 E., N.M.P.M., depending on successful consummation of a pending drilling agreement. If the location is successful in the SW $\frac{1}{4}$ sec. 17, an obligation to drill on the unit within 90 days of completion of the initial test well will be incurred. Please advise this office as to whether your drilling agreement has been finalized and your proposal to drill at one of such locations can be considered as firm in order for this office to further consider your plan of development.

Two wells have been drilled on the James Ranch unit, one of which was a Devonian dry hole and the other a Pennsylvanian gas well completed on March 5, 1958, for which a 360.54 acre participating area was established. No further drilling operations have been commenced since the completion of this well. We have approved several plans of development similar to your 1971 plan tentatively providing for wells to be drilled for which the drilling arrangements were never finalized and the anticipated drilling operations were not commenced. Such plans of development have made reference to the difficulties of drilling oil and gas tests because of the problems involved with potash restrictions. However, you have never provided us any geologic information as to the productive potential of the portion of the unit area which could be drilled without interfering with potash mining operations or causing undue loss of ore. Attached is a plat which shows in red the maximum portion of the unit area where it is questionable as to whether drilling operations could be conducted because of interference with potash mining or probable penetration of commercial potash ore which could be reasonably expected to be mined.

Section 2(a) of the unit agreement provides that the Director or the Commissioner may demand contraction of the unit area. Section 10 of the agreement provides that the plan of development shall be as complete and adequate as the Supervisor, the Commissioner, and the Commission may determine to be necessary for the timely development and conservation of the oil and gas resources of the unitized area and shall provide for determination of the areas capable of producing unitized substances in paying quantities in each and every productive formation. Accordingly, you are requested to furnish this office with a geologic report as a supplement to your plan of development, incorporating the geophysical and geologic information you have developed delineating, within the limits of the available data, the inferred geologic potential of the different portions of the unit area as a basis for a decision by this office as to what action is appropriate with respect to a contraction demand.

The sole participating area for the unit, embracing 360.54 acres, described as the SE $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 36, T. 22 S., R. 30 E., and lots 1, 2, and 3 sec. 1, T. 23 S., R. 30 E., is comprised of 66.57 percent of State land and 33.43 percent of Federal lands. Such participating area is entirely surrounded by Federal land which, if potentially productive, is subject to drainage because of the divided type of participating area lands to which the production from the James Ranch unit well No. 1 in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 36, T. 22 S., R. 30 E., is allocated. This well has produced a cumulative volume of 8,802 MCFG of gas as of January 1, 1971, and is currently producing at the approximate rate of 5.6 MCFG of gas and 60 barrels condensate per day with a royalty value of approximately \$4,300 per month. We have previously advised you that the well could be directly offset by a development well to the north, south, and east of the participating area without interfering with potash restrictions. In order to alleviate the drainage to the Federal lands surrounding the participating area, which is believed to be occurring, it may be appropriate to demand that a protective development well be drilled outside the participating area. However, we would like to defer such formal request until we have had an opportunity to evaluate whatever geologic information you can make available to us which would permit an opinion as to the location which should be selected for such development well. In addition, the reservoir information contributed by the pressure decline data versus the 13-year available production history should provide sufficient information to establish the reservoir volume from which the well is producing. Accordingly, you are requested to submit such calculations and the data upon which the computations are based or, as a minimum requirement, the data we need to compute the reservoir volume independently, as a basis of estimation as to whether drainage is occurring from lands outside the participating area. We will be glad to discuss this in greater detail with your technical staff, if requested.

Your letter of January 27, 1969, (copy attached), advised this office of your intention to terminate the James Ranch unit unless additional development could be commenced within 18 months to two years after such date. In addition, the El Paso Natural Gas Company No. 1 Arco State well in the NE1/4 sec. 16, T. 23 S., R. 31 E., N.M.P.M., located less than a mile from the James Ranch unit's southeastern boundary, recently tested the Atoka for 11 MCF of gas per day and is now testing the Morrow formation.

In view of the above described circumstances we believe that the necessity for this office to request further development of the James Ranch unit during 1971 is reasonable and understandable. Accordingly, please amend your 1971 plan of development to include a firm proposal to commence drilling operations. If you are unable to comply with this request, please submit the geologic and reservoir data requested by this letter as a supplement to the plan of development within 60 days or arrange for a conference with this office to examine the available geologic and reservoir data with respect to the necessary specifics involved to permit this office to take whatever action is required by the circumstances.

Sincerely yours,

(SIGNED) N. O. FREDERICK

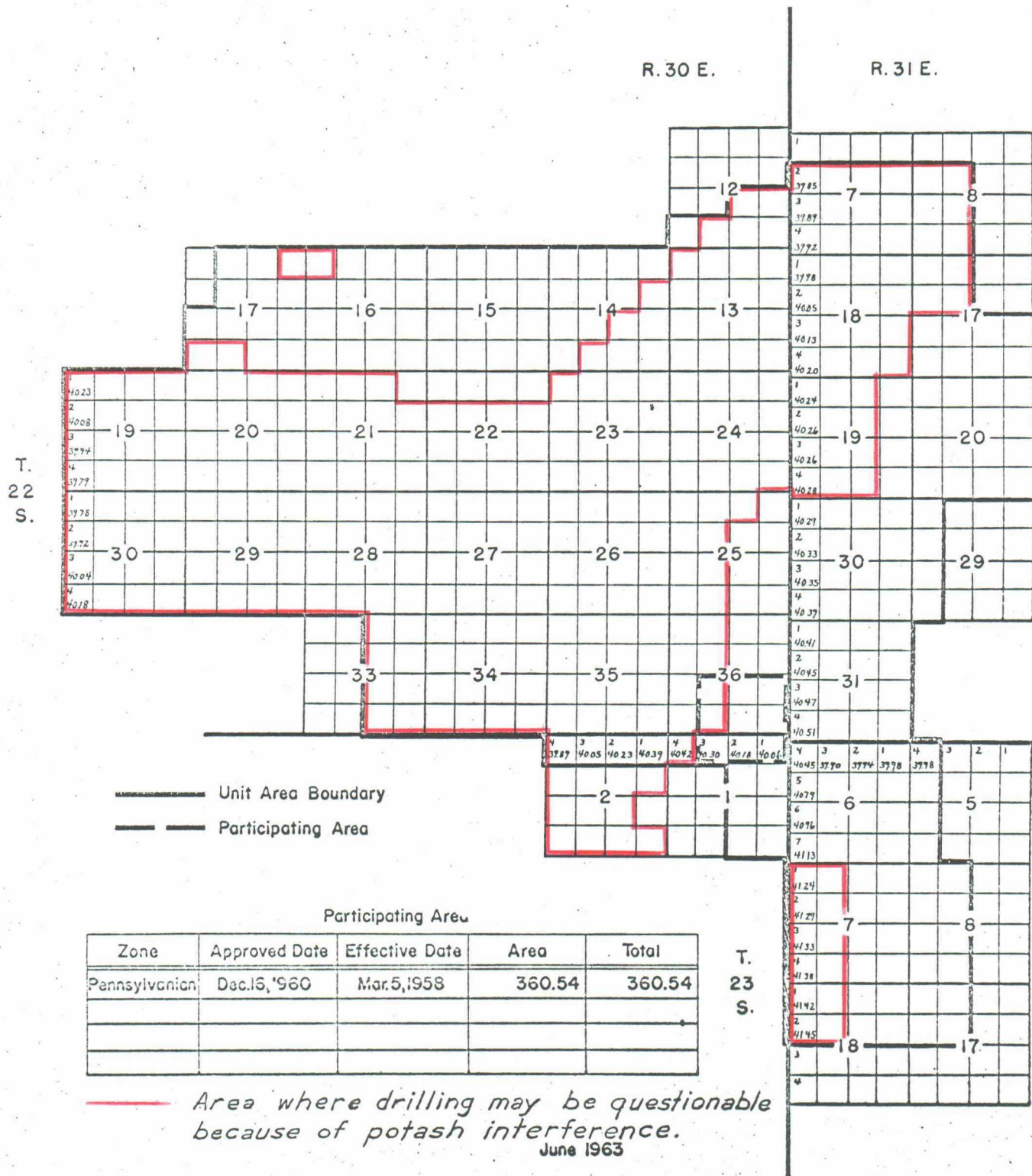
N. O. FREDERICK
Regional Oil and Gas Supervisor

cc:
Washington (w/cy of Bass ltr. & plat)
Artesia
NMOCC, Santa Fe ✓
Com. Pub. Lands, Santa Fe
BMC, Roswell
Reg. Min. Supervisor, Carlsbad

JAMES RANCH UNIT AREA----NEW MEXICO

No.14-08-001-326 Approved & Effective June 16,1953 — 20,656.98 Acres

Ts.22-23 S. Rs.30-31 E.,N.M.P.M.



OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 19, 1971

472

C
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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
James Ranch 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 James Ranch 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

4/72

January 12, 1971

Perry R. Bass
12th Floor Ft. Worth Nat'l Bank Bldg.
Fort Worth, Texas 76102

Re: 1971 Plan of Development
James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Howard W. Jennings

Gentlemen:

This is to advise that the Commissioner of Public Lands has this date approved the Plan of Development covering the period from January 1, 1971 to December 31, 1971, for the James Ranch Unit, Eddy County, New Mexico, 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 G. MARCUM, II, Director
Oil and Gas Department

AJA/GSM/s
encl.

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

PERRY R. BASS
12^{1/2} 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
James Ranch Unit -
No. 14-08-001-558
Eddy County, New Mexico

Gentlemen:

In compliance with Section 10 of the James Ranch Unit, dated April 22, 1953, Perry R. Bass, as Unit Operator, hereby submits for your approval a Plan of Development for 1971.

HISTORY OF PAST DEVELOPMENT

The initial test well on this Unit was commenced by Richardson and Bass on July 10, 1953, and was located in Section 27, Township 22 South, Range 30 East, Eddy County, New Mexico. This well was drilled to a total depth of 15,864'; and after the Devonian section was thoroughly tested and proven dry, the well was plugged back to the Delaware Sand at the approximate depth of 6,112'. This well was plugged and abandoned December 27, 1967.

The next well drilled on this Unit was commenced by Shell Oil Company on November 29, 1956, and was located in Section 36, Township 22 South, Range 30 East, Eddy County, New Mexico. The well was drilled to a total depth of 17,555', which tested everything down to and including the Ellenburger formation. The well was subsequently plugged back and is presently producing from perforations in the Pennsylvanian formation, the top of said perforations being at 12,920'. The well was completed on March 5, 1958. On an open flow test, this well produced 9,000 MCF, along with 56 gravity distillate.

This Shell well has continued to produce from the Pennsylvanian formation and has proven to be a well capable of producing oil and gas in commercial quantities.

The Unit Operator in 1962 filed an application to drill an additional well on this Unit, and the Duval Sulphur and Potash Company filed a protest

stating that this well was located on Potash Lease LC-048730-B. At the contention of Duval Potash, a well drilled in Section 34, Township 22 South, Range 30 East, would penetrate two Potash horizons. Subsequent negotiations have not proven satisfactory; consequently no further development has occurred around the existing wells. In 1965, Lease No. NM-0307337, embracing the S/2 and NE/4 of Section 28, Township 22 South, Range 30 East, was granted a suspension of operations and production until it was found that undue waste of Potash deposits would not occur or that operations would not constitute a hazard to present mining operations. To our knowledge this suspension has not been revoked and has suspended drilling operations on much of the Unit area.

Unit Operator has made numerous efforts to get additional development on this Unit, and during 1970 Unit Operator negotiated a firm contract with Dalton H. Cobb for the drilling of a Devonian test in Section 1, Township 23 South, Range 30 East. The contracts were executed, and Mr. Cobb defaulted on the contract.

Also during 1970, Unit Operator negotiated a firm contract with Bob Zonne for the drilling of a Devonian test on the southern portion of this Unit, and although this was a firm contract with a 90-day commencement clause, Mr. Zonne defaulted on the contract.

Unit Operator has made these contracts above represented in good faith, and it appears that the Potash restriction is the paramount factor in our negotiations, as a one-well wildcat makes the development factor most difficult.

PROPOSED FUTURE DEVELOPMENT

Unit Operator is now in the process of working out a drilling agreement with Walter H. Mengden for the drilling of a Morrow test within 90 days, said well to be located in either the NW/4 of Section 17, Township 23 South, Range 31 East, or the SW/4 of Section 17, Township 23 South, Range 31 East, the latter location being just outside the boundary limits of the Unit, with an obligation to drill on the Unit within 90 days of completion of initial test.

ADDITIONAL DEVELOPMENT

This Plan of Development shall constitute the drilling obligations of the Unit Operator under the terms of the James Ranch Unit Agreement ending December 31, 1971. Before this Plan expires, a subsequent Plan of Development will be forwarded for your approval.

1971 Plan of Development
James Ranch Unit -
Eddy County, New Mexico

December 29, 1970
Page 3

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
Howard W. Jennings

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

Approved: _____ Date: _____
Commissioner of Public Lands

Approved: A. S. Peters Date: January 19, 1971
Oil Conservation Commission

Drawer 1857
Roswell, New Mexico 88201

MAIN OFFICE OGC

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January 30, 1970

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

Attention: Mr. Howard W. Jennings

Gentlemen:

Your 1970 plan of development for the James Ranch unit area, Eddy County, New Mexico, proposing the drilling of one Devonian well, has been approved on this date subject to like approval by the appropriate State officials.

Two approved copies of the plan are enclosed. Our records, however, show the well in sec. 27 to be plugged and abandoned. Please advise this office of the current status of this well.

Sincerely yours,

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

472

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 23, 1970

472

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

Attention: Mr. Howard W. Jennings

**Re: 1970 Plan of Development
James Ranch Unit, Eddy
County, New Mexico**

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1970 Plan of Development dated December 31, 1969, for the James Ranch 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

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

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MAIN OFFICE ONLY

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472

January 21, 1970

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Perry R. Bass
12th Floor Ft. Worth Nat'l Bank Bldg.
Fort Worth, Texas 76102

Re: 1970 Plan of Development
James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Howard W. Jennings

Gentlemen:

This is to advise that the Commissioner of Public Lands has this date approved the Plan of Development covering the period from January 1, 1970 to December 31, 1970, for the James Ranch Unit, Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

One approved copy of the plan is enclosed herewith.

Very truly yours,

Ted Bilberry, Director
Oil and Gas Department

TB/ML/s
encl.

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

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

JAN 16 1970

December 31, 1969

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

Subject: Plan of Development
James Ranch Unit
No. 14-08-001-558
Eddy County, New Mexico

Gentlemen:

In compliance with Section 10 of the James Ranch Unit, dated April 22, 1953, Perry R. Bass, as Unit Operator, hereby submits for your approval a Plan of Development for 1970.

HISTORY OF PAST DEVELOPMENT

The initial test well on this unit was commenced by Richardson and Bass on July 10, 1953, and was located in Section 27, Township 22 South, Range 30 East, Eddy County, New Mexico. This well was drilled to a total depth of 15,864'; and after the Devonian section was thoroughly tested and proven dry, the well was plugged back to the Delaware sand at the approximate depth of 6,112 feet. The well was completed on May 11, 1954, and is presently producing approximately 5 barrels of oil per day.

The next well drilled on this unit was commenced by the Shell Oil Company on November 29, 1956, and was located in Section 36, Township 22 South, Range 30 East, Eddy County, New Mexico. The well was drilled to a total depth of 17,555 feet, which tested everything down to and including the Ellenburger formation. The well was subsequently plugged back and is presently producing from perforations in the Pennsylvanian formation, the top of said perforations being at 12,920 feet. The well was completed on March 5, 1958. On an open flow test, this well produced 9,000 MCF, along with 56 gravity distillate.

This Shell well has continued to produce from the Pennsylvanian formation and has proven to be a well capable of producing oil and gas in commercial quantities.

The Unit Operator in 1962 filed an application to drill an additional well on this unit and the Duval Sulphur and Potash Company filed a protest stating that this well was located on Potash Lease L.C. -048730-B. At the contention of Duval

Potash a well drilled in Section 34, T-22-S, R-30-E, would penetrate two Potash horizons. Subsequent negotiations have not proven satisfactory and consequently, no further development has occurred around the existing wells. In 1965 Lease No. NM-0307337, embracing the S $\frac{1}{2}$ and NE $\frac{1}{4}$ of Section 28, T-22-S, R-30-E, was granted a suspension of operations and production until it was found that undue waste of Potash deposits would not occur or that operations would not constitute a hazard to present mining operations. To our knowledge this suspension has not been revoked and has suspended drilling operations on much of the unit area.

PROPOSED FUTURE DEVELOPMENT

The Unit Operator has been negotiating for several months with Dalton H. Cobb and Continental Oil Company for the drilling of a Devonian test to be located in the E $\frac{1}{2}$ of Section 1, T-23-S, R-30-E, Eddy County, New Mexico.

Contracts have been executed for the drilling of this well and Dalton H. Cobb has agreed on behalf of the Unit Operator to drill a test well to a depth sufficient to test the Devonian formation or 15,750' below the surface of the ground, whichever is the lesser depth. Said well is to be commenced in the first quarter of 1970.

ADDITIONAL DEVELOPMENT

This Plan of Development shall constitute the drilling obligations of the Unit Operator under the terms of the James Ranch Unit Agreement ending December 31, 1970. 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, 1970. 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:

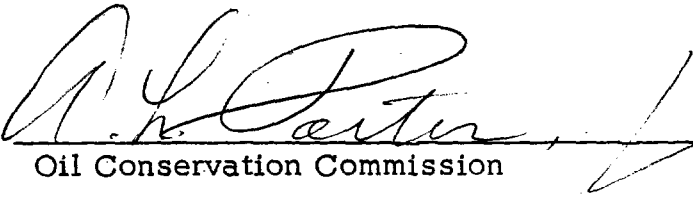


Approved: _____
Supervisor, United States Geological
Survey

Date: _____

Approved: _____
Commissioner of Public Lands

Date: _____

Approved:  _____
Oil Conservation Commission

Date: January 23, 1970

February 6, 1969

41-

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

Attention: Mr. Howard W. Jennings

Re: 1969 Plan of Development
James Ranch Unit, Eddy
County, New Mexico

O
Gentlemen:

P
This is to advise that the New Mexico Oil Conservation
Commission has this date approved the Plan of Development
for the calendar year 1969 for the James Ranch 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.

Y
One approved copy of the plan is returned herewith.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og
Enclosure

cc: Commissioner of Public Lands
Santa Fe, New Mexico

United States Geological Survey
Roswell, New Mexico



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

18
FEB 4 1969

IN REPLY REFER TO:

February 3, 1969

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

Attention: Mr. Howard W. Jennings

Gentlemen:

Your 1969 plan of development for the James Ranch unit area, Eddy County, New Mexico, proposing no additional drilling, has been approved on this date subject to like approval by the appropriate State officials.

Two approved copies of the plan are enclosed.

Sincerely yours,

JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

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

MAIL OFFICE

'69 FEB 3 AM 8 20

MAIL OFFICE

'69 JAN 3 AM 7 56

January 31, 1969

Perry R. Bass
12th Floor Ft. Worth Nat'l Bank Bldg.
Fort Worth, Texas 76102

Re: 1969 Plan of Development
James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Howard W. Jennings

Gentlemen:

This is to advise that the Commissioner of Public Lands has this date approved the Plan of Development covering the period from January 1, 1969 to December 31, 1969, for the James Ranch Unit, Eddy County, New Mexico, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

One approved copy of the plan is enclosed herewith.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
Ted Bilberry, Director
Oil and Gas Department

AJA/TE/NL/s

encl. 1

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

C
O
P
Y

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

December 30, 1968

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

Subject: Plan of Development
James Ranch Unit
No. 14-08-001-558
Eddy County, New Mexico

Gentlemen:

In compliance with Section 10 of the James Ranch Unit, dated April 22, 1953, Perry R. Bass, as Unit Operator, hereby submits for your approval a Plan of Development for 1969.

HISTORY OF PAST DEVELOPMENT

The initial test well on this unit was commenced by Richardson & Bass on July 10, 1953, and was located in Section 27, Township 22 South, Range 30 East, Eddy County, New Mexico. This well was drilled to a total depth of 15,864'; and after the Devonian section was thoroughly tested and proven dry, the well was plugged back to the Delaware sand at the approximate depth of 6,112 feet. The well was completed on May 11, 1954, and is presently producing approximately 5 barrels of oil per day.

The next well drilled on this unit was commenced by the Shell Oil Company on November 29, 1956, and was located in Section 36, Township 22 South, Range 30 East, Eddy County, New Mexico. The well was drilled to a total depth of 17,555 feet, which tested everything down to and including the Ellenburger formation. The well was subsequently plugged back and is presently producing from perforations in the Pennsylvanian formation, the top of said perforations being at 12,920 feet. The well was completed on March 5, 1958. On an open flow test, this well produced 9,000 MCF, along with 56 gravity distillate.

This Shell well has continued to produce from the Pennsylvanian formation and has proven to be a well capable of producing oil and gas in commercial quantities.

The Unit Operator in 1962 filed an application to drill an additional well on this unit and the Duval Sulphur and Potash Company filed a protest stating that this well was located on Potash Lease L.C.-048730-B. At the contention of Duval

Potash a well drilled in Section 34, T-22-S, R-30-E, would penetrate two Potash horizons. Subsequent negotiations have not proven satisfactory and consequently, no further development has occurred around the existing wells. In 1965 Lease No. NM-0307337, embracing the S $\frac{1}{2}$ and NE $\frac{1}{4}$ of Section 28, T-22-S, R-30-E, was granted a suspension of operations and production until it was found that undue waste of Potash deposits would not occur or that operations would not constitute a hazard to present mining operations. To our knowledge this suspension has not been revoked and has suspended drilling operations on much of the unit area.

PROPOSED FUTURE DEVELOPMENT

The Unit Operator has been negotiating for several months with Phillips Petroleum Company to support a Devonian test near this unit in Section 13, T-23-S, R-30-E. It was the hope of the undersigned that an exploratory well north of the unit would enable us to develop production out of the vicinity of the Potash deposits further north on the unit area. We also granted an option to Phillips to drill a second deep test on acreage within the unit area depending upon the results of the initial test.

Additional geophysical work has been done, but we do not have a firm commitment as to whether or not Phillips will drill this test.

Inasmuch as we are prevented from developing the existing production by the Potash restrictions we have no firm plans for additional wells in 1969. A supplemental Plan will be filed if such is indicated to be appropriate.

ADDITIONAL DEVELOPMENT

This Plan of Development shall constitute the drilling obligations of the Unit Operator under the terms of the James Ranch Unit Agreement ending December 31, 1969. 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, 1969. 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: 

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

Approved: _____ Date: _____
Commissioner of Public Lands

Approved: *A. L. Carter, Jr.* Date: *Feb. 6, 1969*
Oil Conservation Commission

The foregoing approvals are for the 1969 Plan of Development for
the James Ranch Unit No. 14-08-001-558, Eddy County, New Mexico.

47.

RECEIVED
JAN 10 1967

Harry E. Ross
12th Floor West North Division Mail Building
Fort Worth, Texas

We hereby acknowledge receipt of the following investigation and transfer to the James Earl Ray unit agreement No. 14-00-001-534 per Jones:

Section 31 of the James Ranch unit agreement as amended provides that copies of such ratification not included in Exhibit "C" of the Commission's 1971-72 Report, State of New Mexico, and the New Mexico Oil and Gas Conservation Commission. Subject to any claim with the foregoing in view, the land covered by Lease No. 1 and 2 (Lease 13 of Section 31 of Federal Unit tract 13 described as the S.W. 1/4, Sec. 13, T. 22 N., R. 26 E., N.M.P.M.) is deemed and is hereby assigned to the James Ranch unit agreement as of March 1, 1974.

10/10/2000

100-443887-100
 100-443887-100
 100-443887-100

Phillips Petroleum Company
P. O. Box 751
Biloxi, Idaho
Attention: Mr. S. S. Nye
Biloxi, Idaho

ILLEGIBLE


AFTER RECORDING RETURN TO:
CURRIER ABSTRACT COMPANY
P. O. BOX 680
ARTESIA, NEW MEXICO

CONSENT AND RATIFICATION OF
JAMES RANCH 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 James Ranch Unit Area embracing lands situated in Eddy County, New Mexico, which said agreements are dated the 22nd day of April, 1953, 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 James Ranch 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:

NY-06810-A
ATTEST

[Signature]
Assistant Secretary

PHILLIPS PETROLEUM COMPANY

By [Signature]
Vice President

[Signature]
[Signature]

STATE OF OKLAHOMA
COUNTY WASHINGTON

The foregoing instrument was acknowledged before me this the 22th day of January, 1964, by H. D. Brooklyne, Vice President of PHILLIPS PETROLEUM COMPANY.

My commission expires:
October 1, 1967

[Signature]
Notary Public

Approved and Consented to:
PERRY R. BASS, Unit Operator

By [Signature]
W. P. Duncan, Jr., Attorney-in-Fact

STATE OF NEW MEXICO }
County of Eddy } ss.
FILED FEB 11 1964 FOR RECORD
at 2:45 P. M. and was duly
recorded in Book 740 of Records of
Oil & Gas Pages 51
Geraldine McHaffey, County Clerk
Christine Campbell Deputy

We the undersigned Currier Abstract Company hereby certify that the foregoing page is a true and correct copy of the original instrument as filed and recorded in Oil and Gas Book 140, page 51 of the records of the County Clerk and Recorder of Eddy County, New Mexico.

Currier Abstract Company (NSL)
By: [Signature]
Jerry A. Warren, Ass't. Sec'y.

Jo Jim K.

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

472

October 16, 1963

MAIN OFFICE OCC

1963 OCT 21 AM 8:24

Mr. John A. Anderson
United States Geological Survey
Drawer 1857
Roswell, New Mexico 88201

Re: James Ranch Unit

Dear Mr. Anderson:

This will acknowledge receipt of your letter of September 30, 1963 requesting a Plan of Development on the James Ranch Unit. Your letter indicated that our Plan of Development had expired, and we are somewhat at a loss as to what plan to file in view of past circumstances.

In accordance with our Plan of Development, we filed Notice of Intention on February 1, 1962 to drill a 5,500' test 1,980' from the North line and 660' from the East line of Section 34, Township 22 South, Range 30 East. The Duval Sulphur & Potash Company would not give us approval for the drilling of this well inasmuch as it was on their Potash Lease LC-048730-B. As will be recalled, this was specifically discussed with your office in March, 1962, and it was agreed that a deferment should be allowed until further studies could be made.

In view of the above, we would appreciate your advice as to what type of plan we should file inasmuch as our geological studies reflect that this is the next logical location to drill in order to correlate our geophysical and geological information on this Unit.

Very truly yours,

PERRY R. BASS

By: 
Howard W. Jennings

HWJ:lcc

Mr. John A. Anderson

- 2 -

October 16, 1963

cc: Mrs. Marian Rhea
State Land Office
P. O. Box 791
Santa Fe, New Mexico

Commissioner of Public Lands
P. O. Box 791
Santa Fe, New Mexico

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

1963 OCT 21 AM 8:24
MAIL OFFICE OCC

C O P Y

MAIN OFFICE OCC
1963 MAR 29 AM 8 16

March 27, 1963

472

Mr. John A. Anderson
Regional Oil and Gas Supervisor
U. S. Geological Survey
P. O. Drawer 1857
Roswell, New Mexico

Re: James Ranch Unit Agreement
No. 14-08-011-558

Dear Mr. Anderson:

We have received a copy of your letter to Perry R. Bass Operator of the James Ranch Unit Agreement No. 14-08-011-558, notifying us that a portion of tract 19 being LC 069877-A, is effectively committed to that Unit as of March 1st, 1963, and likewise that copies of such ratification and joinder be filed with the Commission of Public Lands of the State of New Mexico and the New Mexico Oil and Gas Conservation Commission.

On February 14th, 1963, we mailed copies of the ratification and joinder to both the Commission and the Commissioner of Public Lands, so compliance with this requirement has been made.

Yours truly,

WILLIAM A. & EDWARD R. HUDSON

ERHJr:m

By: 

CC: Mr. Perry R. Bass
Fort Worth National Bank Building
Fort Worth, Texas

CC: Commissioner of Public Lands
Santa Fe, New Mexico

CC: New Mexico Oil and Gas Conservation Commission
Santa Fe, New Mexico

William A. & Edward R. Hudson RECEIVED 000

1510 First National Building

Fort Worth, Texas

1963 FEB 13 AM 9:26

February 14th, 1963

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

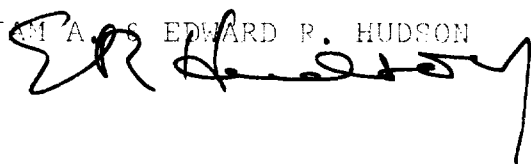
Gentlemen:

We enclose a single copy of a Consent and Ratification of the James Ranch Unit Agreement and Unit Operating Agreement, committing Federal Lease LC-069877-A, to said Unit Agreement.

Yours very truly,

WILLIAM A. & EDWARD R. HUDSON

By:



ERHJr:m
Encl

472
CASH OFFICE UCC

1963 FEB 13 AM 8 26

CONSENT AND RATIFICATION OF
JAMES RANCH UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT

The undersigned hereby acknowledge receipt of a copy of the Unit Agreement and Unit Operating Agreement for the development and operation of the James Ranch Unit Area embracing lands situated in Eddy County, New Mexico, which said agreements are dated the 22nd day of April, 1953, 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 James Ranch 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 069677-A

William A. Hudson (WAH)

Roxie E. Hudson (REH)

Edward R. Hudson (ERH)

Josephine T. Hudson (JTH)

THE STATE OF TEXAS)
)
COUNTY OF TARRANT)

The foregoing instrument was acknowledged before me, this 7th day of February, 1963, by WILLIAM A. HUDSON and wife, ROXIE E. HUDSON, and EDWARD R. HUDSON and wife, JOSEPHINE T. HUDSON.

J. B. Miller
(J. B. Miller) Notary Public,
Tarrant County, T E X A S.
My Commission Expires: 6/1/63

472

Drawer 1857

Roswell, New Mexico

October 3, 1962

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

Attention: Mr. Howard W. Jennings

Gentlemen:

We hereby acknowledge receipt on October 1, 1962 of a ratification and joinder executed by Janice L. and Jack R. Easterly, to the James Ranch unit agreement and unit operating agreement.

Section 31 of the James Ranch unit agreement requires that copies of such ratifications and joinders be filed with the Commissioner of Public Lands, State of New Mexico and the New Mexico Oil Conservation Commission. Subject to your compliance with the foregoing requirement, lands covered by lease offer New Mexico 0307337 (tract 12 of the James Ranch unit agreement, Eddy County, New Mexico) will be considered as effectively committed to the unit as of the effective date of the lease.

Copies of the ratification and joinder are being distributed to the appropriate Federal offices.

Very truly yours,

(Orig.Sgd.) CARL C. TRAYWICK

CARL C. TRAYWICK
Acting Oil and Gas Supervisor

Copy to: Washington (w/cy joinder)
Artesia (w/cy joinder)
HM - Santa Fe (w/cy joinder)
Comm. Pub. Lands - Santa Fe (cy ltr. only)
N.M.O.C.C. - Santa Fe (cy ltr. only) ✓

472
Drawer 1857
Roswell, New Mexico

August 7, 1961

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

Attention: Mr. Howard W. Jennings

Gentlemen:

Your plan of development covering the period from July 1, 1961, to July 1, 1962, for the James Ranch unit area, Eddy County, New Mexico, which proposes the drilling of one exploratory well, has been approved on this date. The Commissioner of Public Lands and the Oil Conservation Commissioner of the State of New Mexico approved the plan on July 12 and July 18, 1961, respectively.

Two copies of the approved plan are enclosed.

Very truly yours,

(Orig. Sgd.) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Enclosures

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

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

Case # 472

July 18, 1961

C
O
P
Y

Perry R. Bass
12th Floor Ft. Worth Nat'l Bank Bldg.
Fort Worth, Texas

Attention: Mr. Howard W. Jennings

Re: Plan of Development
July 1, 1961 to July 1, 1962
James Ranch 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 covering the period from July 1, 1961 to July 1, 1962 for the James Ranch 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.

Five approved copies of the plan are being forwarded to the United States Geological Survey, Roswell. Please provide this office with a fully approved copy of the Plan of Development.

Very truly yours,

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

ALP/JEK/ig

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

In Reply: Refer
to Unit Division

July 12, 1961

C
O
P
Y

Perry R. Bass
12th Floor Ft. Worth Natl Bank Bldg.
Fort Worth, Texas

Re: Plan of Development
James Ranch Unit
Eddy County, New Mexico

Attention: Mr. Howard W. Jennings

Gentlemen:

The Commissioner of Public Lands has approved as of July 12, 1961, the Plan of Development for the James Ranch Unit Area. This Plan of Development covers the period of July 1, 1961 to July 1, 1962.

We are handing to the Oil Conservation Commission, for their consideration, the original and four copies of this Plan and requesting they in turn forward same to the United States Geological Survey.

Very truly yours,

E S JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

ESW/wmk/v

cc: Oil Conservation Commission, Santa Fe
United States Geological Survey, Roswell

RECEIVED
MAR 28 1961

Case #472

March 28, 1961

In reply refer to:
Unit Division

Mr. Howard W. Jennings
Richardson & Bass
Fort Worth National Bank Building
Fort Worth, Texas

Re: Change of Operator,
James Ranch Unit, Lea and
Eddy Counties, New Mexico

Dear Mr. Jennings:

This office has received an application, dated March 10, 1961, by which Richardson & Bass, present operator of the James Ranch Unit, resigns as James Ranch Unit Operator. This same application designated Perry R. Bass as successor unit operator and by this instrument Perry R. Bass accepts all the obligations of unit operator, under and pursuant to all the terms of the James Ranch Unit.

Therefore, the Commissioner of Public Lands approves as of March 28, 1961, this application for change of unit operator.

We are forwarding five approved copies to the Director of the U S Geological Survey in Roswell, New Mexico.

C
O
P
Y

Mr. Howard W. Jennings

March 28, 1961

-2-

At such time as this application is fully approved,
please furnish us another copy stating the effective
date thereof.

Yours very truly,

E. S. JOHNNY WALKER
Commissioner of Public Lands

By: *Ted Bilberry*
Ted Bilberry, Supervisor
Oil and Gas Division

ESW:HR:eg

cc: Oil Conservation Commission
Box 871
Santa Fe, New Mexico

U S Geological Survey
Roswell, New Mexico

C
O
P
Y



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 6721
Roswell, New Mexico

October 17, 1960

Case #472

Richardson and Bass
Fort Worth Nat'l Bank Building
Fort Worth, Texas

Attention: Mr. Howard W. Jennings

Gentlemen:

Your plan of development, dated July 18, 1960, covering the period from July 1, 1960, to July 1, 1961, for the James Ranch unit agreement (No. 14-08-001-538), Eddy County, New Mexico, proposing the drilling of no additional wells, has been approved on this date. The Commissioner of Public Lands and the Oil Conservation Commission of the State of New Mexico approved the plan on August 8 and August 10, 1960, respectively.

Very truly yours,

(Orig. Sgd.) JOHN A. ANDERSON

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Copy to: Washington (w/cy of plan)
Artesia (w/cy of plan)
N.M.O.C.C., Santa Fe (ltr. only) ✓
Comm. of Public Lands, Santa Fe (ltr. only)

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

Case # 472

September 27, 1960

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

O
Attention: Mr. Howard W. Jennings

RE: Initial Participating Area
Pennsylvanian Formation
James Ranch Unit Eddy
County, New Mexico.

P
Gentlemen:

Y
This is to advise that the New Mexico Oil Conservation Commission has this date approved the Initial Participating Area Pennsylvanian Formation for the James Ranch 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.

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

Very truly yours,

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

ALP/JEK/ig

cc: US Geological Survey - Roswell, New Mexico
Commissioner of Public Lands - Santa Fe, New Mexico

Case # 472

In reply refer to:
Unit Division

September 27, 1960

C

O

P

Y

Mr. Howard W. Jennings
Richardson and Bass
Fort Worth National Bank Bldg.
Fort Worth, Texas

Re: Initial Participating Area
Pennsylvanian Formation
James Ranch Unit
Eddy County, New Mexico

Dear Mr. Jennings:

We are approving the Initial Participating Area for the Pennsylvanian Formation, James Ranch Unit, Eddy County, New Mexico.

This Initial Participating Area was resubmitted to us under your letter dated September 14, 1960, and in compliance with your request we are obtaining Mr. Porter's signature and are forwarding five copies to the United States Geological Survey at Roswell, New Mexico.

Please notify us when this application is finally approved by the United States Geological Survey.

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

BY:
Ted Bilberry, Supervisor
Oil and Gas Division

MEM/MMR/s

cc:

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

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

September 14, 1960

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

**RE: James Ranch Unit
No. 14-08-001-558**

Gentlemen:

Reference is made to the above captioned unit covering lands located in Eddy County, New Mexico. Richardson & Bass, as Unit Operator, hereby request that an Initial Participating Area be established as outlined on Exhibit A attached. We have shown outlined in red on the map the proposed Participating Area, and we have also designated the other wells which have been drilled on the unit. We attach Exhibit B which is a schedule of the Initial Participating Area.

We wish to advise that the Shell Oil Company drilled the well located in Section 36, Township 22 South, Range 30 East, to a total depth of 17,555 feet, which tested everything down to and including the Ellenburger formation. After extensive testing in the Ellenburger and Devonian formations, the well was subsequently plugged back and is presently producing from perforations in the Pennsylvanian formation, top of said perforations being at 12,920 feet.

On an open flow test, this well produced 9,000 MCF, along with 56 gravity distillate. On another test measuring the distillate, the well flowed 2,528 MCF per day through a 9/64 inch choke, measuring 30 barrels of distillate per day. The flowing tubing pressure was 5,900 pounds and shut-in tubing pressure was 6,800 pounds.

Later tests on this well have shown no decline in pressure, and on a 37 day test of the well, it produced 1,070 barrels of distillate for an average of approximately 30 barrels per day through an 11/64 inch choke. The well has performed in a very excellent manner according to our reservoir engineers, and the decline in pressure has been very nominal. After the well produced 464 MMCF, along with 5,366 barrels of condensate, the last test shows a flowing tubing pressure of 5,900 pounds and a shut-in tubing pressure of 6,800 pounds.

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

September 14, 1960
Page 2

Due to the inability to secure a permanent market for the sale of this gas, small sales have been made spasmodically to the Potash companies in this area; and total accumulative production from date of first sale in May, 1958, to and including May, 1960, is 625,858 MCF. We are listing below the gas production by months of this well for the 12 month period ending May, 1960.

<u>1959</u>		<u>1960</u>	
June	3,081 MCF	January	17,839 MCF
July	3,243 MCF	February	10,274 MCF
August	9,480 MCF	March	8,067 MCF
September	3,591 MCF	April	15,243 MCF
October	862 MCF	May	18,247 MCF
November	43,425 MCF		
December	12,730 MCF		

As Unit Operator, we hereby respectfully submit that a Participating Area of 360 acres be established in accordance with the perms and provisions of the James Ranch Unit Agreement. We have previously furnished your office with a Plan of Development covering this unit from the period July 1, 1960, to July 1, 1961.

Yours very truly,

RICHARDSON & BASS


Howard W. Jennings

HWJ:pdf

enc.

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

September 14, 1960
Page 3

APPROVED:

UNITED STATES GEOLOGICAL SURVEY

Date: _____

COMMISSIONER OF PUBLIC LANDS

W. W. Mosher

Date : September 27, 1960

NEW MEXICO OIL CONSERVATION COMMISSION

A. R. Porter Jr
Date: 9/26/60

THIS APPROVAL GRANTED SUBJECT TO LIKE APPROVAL
BEING GRANTED BY THE UNITED STATES GEOLOGICAL
SURVEY AND BY THE COMMISSIONER OF PUBLIC LANDS,
OF THE STATE OF NEW MEXICO.

EXHIBIT B

SCHEDULE 1

Initial Participating Area for the Pennsylvanian Formation

TRACT NO.	LEASE NO.	DESCRIPTION	ACRES	OWNERSHIP	PERCENTAGE COMMITTED	PARTICIPATION PERCENTAGE
21	E-5229-1	SE $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 36, T-22-S, R-30-E	240	Richardson & Bass Shell Oil Co. State of New	- - - <u>.1250</u> 1.0000	66.67
3	NM 02884	Lot 3, Sec. 1, T-23-S, R-30-E	40	Wallace Wimberly \$400. per ac. out of 1% Richardson & Bass Shell Oil Co. United States	- - - - - <u>.1250</u> 1.0000	11.11
3-a	NM 02884-B	Lots 1 and 2, Sec. 1, T-23-S, R-30-E	80	Wallace Wimberly \$400. per ac. out of 1% Richardson & Bass Shell Oil Co. United States	- - - - - <u>.1250</u> 1.0000	22.22

Shell Oil Co. No. 1 James Ranch Unit
Completed March 5, 1958

U. S. CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

145-117

August 10, 1960

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

O
ATTENTION: Mr. Howard W. Jennings

RE: 1960-61 Plan of Development
and Initial Participating Area
Pennsylvanian Formation James
Ranch Unit Eddy County, New
Mexico.

P
Gentlemen:

Y
This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1960-61 Plan of Development and Initial Participating Area Pennsylvanian Formation for the James Ranch 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.

Three approved copies of the application are being forwarded to the United States Geological Survey, Roswell, New Mexico.

Very truly yours,

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

ALP/JEK/ig

cc: USGS - Roswell

Commissioner of Public Lands - Santa Fe

In reply refer to:
Unit Division

August 10, 1960

C
O
P
Y

Mr. Howard W. Jennings
Richardson and Bass
Fort Worth National Bank Bldg.
Fort Worth, Texas

Re: James Ranch Unit
Eddy County, New Mexico

Dear Mr. Jennings:

We are handing to the Oil Conservation Commission four copies of your Plan of Development for the James Ranch Unit for the period from July 1, 1960 to July 1, 1961, which was approved by the Commissioner of Public Lands August 8, 1960.

Also submitted to us was an Exhibit "B" Schedule 1, Initial Participating Area "A", for the Pennsylvanian Formation, which was set up around Shell Oil Company's No. 1 James Ranch Unit Well and was completed March 5, 1958. We are approving this selection of acreage which is described on the Exhibit "B" as Tracts No. 21, 3 and 3-A as the Initial Participating Area for the Pennsylvania Formation.

We are requesting the Oil Conservation Commission, upon approval by them, to forward these documents to the United States Geological Survey, in Roswell.

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

BY:
Ted Bilberry, Supervisor
Oil and Gas Division

MEM/PMK/s
cc:

OCC-Santa Fe ✓
UGGS-Roswell

RICHARDSON & BASS
FT WORTH NATL BANK BLDG
FORT WORTH, TEXAS

July 18, 1960

Mrs. Marian Rhea
State Land Office
P. O. Box 1251
Santa Fe, New Mexico

RE: James Ranch Unit

Dear Mrs. Rhea:

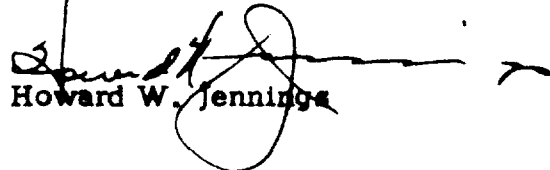
Enclosed please find Exhibits A and B which explain the Initial Participating Area in connection with the above captioned Unit Area. You will note that this Participating Area covers 360 acres as we discussed and which has been tentatively approved by the United States Geological Survey in Roswell, New Mexico.

We are also attaching a Plan of Development covering this unit for the period from July 1, 1960, to July 1, 1961.

We trust that you will find the attachments in proper order and that after same have been approved by the Commissioner of Public Lands and the Oil Conservation Commission they will be forwarded to the United States Geological Survey in Roswell for their approval.

Yours very truly,

RICHARDSON & BASS


Howard W. Jennings

HWJ/pdf
encs.

RICHARDSON AND BASS

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

July 18, 1960

The Oil and Gas Supervisor
United States Geological Survey
P. O. Box 6741
Roswell, New Mexico

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

RE: Plan of Development Covering
Period from July 1, 1960, to
July 1, 1961
James Ranch Unit
No. 14-08-001-558

Gentlemen:

In compliance with Section 10 of the James Ranch Unit Agreement dated April 22, 1953, Richardson & Bass, as Unit Operator, hereby submits for your approval a Plan of Development covering the period from July 1, 1960, to July 1, 1961.

History of Past Development

The initial test well on this unit was commenced by Richardson & Bass on July 10, 1953, and was located in Section 27, Township 22 South, Range 30 East, Eddy County, New Mexico. This well was drilled to a total depth of 15,864 feet; and after the Devonian section was thoroughly tested and proven dry, the well was plugged back to the Delaware sand at the approximate depth of 6,112 feet. The well was completed on May 11, 1954, and is presently producing approximately 5 barrels of oil per day.

The next well drilled on this unit was commenced by the Shell Oil Company on November 29, 1956, and was located in Section 36, Township

July 18, 1960

Page 2

22 South, Range 30 East, Eddy County, New Mexico. The well was drilled to a total depth of 17,555 feet, which tested everything down to and including the Ellenburger formation. The well was subsequently plugged back and is presently producing from perforations in the Pennsylvanian formation, top of said perforations being at 12,920 feet. The well was completed on March 5, 1958. On an open flow test, this well produced 9,000 MCF, along with 56 gravity distillate.

At the present time we are unable to secure a permanent market for the sale of this gas, although small sales have been made in the past to the Potash companies in this area. It should be noted that each one of the wells drilled on this unit has cost in excess of one million dollars with very little revenue being received from these investments.

Proposed Exploratory Wells

On September 30, 1959, S. W. Richardson, a partner in Richardson & Bass, passed away; and inasmuch as estate taxes are due and payable within 15 months from date of death, Richardson & Bass, as Unit Operator, does not plan any additional development covering the period of this Plan of Development. It is necessary that the surviving partner accumulate sufficient funds to pay a rather large inheritance tax payment which will preclude any drilling program at this time.

Proposed Development Wells

As pointed out in the paragraph above, no development wells are planned due to the situation as outlined and also due to the fact that these wells are extremely expensive and no market outlet is available for the gas in this area.

Further Development

This Plan of Development covers the period ending July 1, 1961; and


Supervisor, United States Geological Survey
Commissioner of Public Lands
Oil Conservation Commission

July 18, 1960
Page 3

before this plan expires, another plan of future development of the Unit Area will be submitted.

Yours very truly,

RICHARDSON & BASS


Howard W. Jennings

APPROVED:

Oil and Gas Supervisor
United States Geological Survey

Date _____



Commissioner of Public Lands

Date August 8, 1960



Oil Conservation Commission

Date 8-10-60

EXHIBIT B

SCHEDULE 1

Initial Participating Area "A" for the Pennsylvanian Formation

ACT NO.	LEASE NO.	DESCRIPTION	ACRES	OWNERSHIP	PERCENTAGE COMMITTED	PARTICIPATION PERCENTAGE
21	E-5229-1	SE $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 36, T-22-S, R-30-E	240	Richardson & Bass Shell Oil Co. State of New Mexico	100%	66.67
				- .1250 - .7500 <u>- .1250</u> 1.0000		
3	NM 02884	Lot 3, Sec. 1, T-23-S, R-30-E	40	Wallace Wimberly \$400. per ac. out of 1%	100%	11.11
				- .0100 - .1150 - .7500 <u>- .1250</u> 1.0000		
3-a	NM 02884-B	Lots 1 and 2, Sec. 1, T-23-S, R-30-E	80	Wallace Wimberly \$400. per ac. out of 1%	100%	22.22
				- .0100 - .1150 - .7500 <u>- .1250</u> 1.0000		<u>100.00</u>

Shell Oil Co. No. 1 James Ranch Unit
Completed March 5, 1958



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MAIN OFFICE - Box 6721
Roswell, New Mexico

1960 JUN 8 PM 1:35

June 7, 1960

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

Attention: Howard Jennings

Gentlemen:

On April 19, 1960, the Commissioner of Public Lands of the State of New Mexico concurred in your determination of May 9, 1960, that a valuable and commercial discovery of gas and condensate has been made in Shell Oil Company's well No. 1 James Ranch Unit on State of New Mexico land in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 36, T. 22 S., R. 30 E., N.M.P.M., Eddy County, New Mexico. Said well was completed March 5, 1958, for an initial production of 9,000,000 cubic feet of gas daily and 30 barrels of condensate from the Pennsylvania, 12,920-929 feet.

Completion of the well in accordance with the provisions of Section 9 "Drilling to Discovery", of the James Ranch unit agreement places the unit in producing status. Accordingly, Federal leases committed to the James Ranch 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(e) of the unit agreement.

An acceptable plan of development providing for further exploration of the unit area should be filed as soon as practicable. An application for approval of an initial Pennsylvania participating area should be filed on or before the time of filing the initial plan of development.

Very truly yours,

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Copy 1st: Comm. Div., Wash. (w/ copy of Determination ltr & Comm. Pub. Lands approval ltr)
NMOCC-Santa Fe (ltr only)

In reply refer to:
Unit Division

April 19, 1960

C
O
Richardson & Bass
1211 Fort Worth National Bank Building
Fort Worth, Texas

ATTENTION: Mr. Howard W. Jennings

Re: James Ranch Unit
Eddy County, New Mexico

P
Gentlemen:

Y
Reference is made to your letter application of March 31, 1960, wherein you have made the determination that a valuable and commercial discovery of unitized substances has been made by the completion of the Shell Oil Company No. 1 James Ranch Unit on the James Ranch Unit, New Mexico No. 14-08-001-558.

On the basis of the available information, we concur in your determination that a valuable and commercial discovery of unitized substances has been made on land within the Unit Area and herewith enclose four copies of letter of application with approval affixed.

Please transmit \$4.00 for the processing of these papers.

Yours very truly,
MURRAY E. MORGAN
Commissioner of Public Lands

BY:
Ted Bilberry, Supervisor
Oil and Gas Division

cc: Mr. John Anderson
United States Geological Survey
Roswell, New Mexico

Richardson & Bass
1211 Fort Worth National Bank Building
Fort Worth, Texas

4-19-60

New Mexico Oil Conservation Commission
Santa Fe, New Mexico

C
O
P
Y

In reply refer to:
Unit Division

March 3, 1960

Cover #472

Richardson & Bass
Ft. Worth Nat'l Bank Bldg.
Fort Worth, Texas

Re: James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Howard W. Jennings

Dear Mr. Jennings:

The Commissioner of Public Lands has approved your request for an additional ninety days from March 5, 1960, in which to commence another well on the James Ranch Unit Area.

We are transmitting five approved copies to the Director, United States Geological Survey for their consideration.

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

BY:
Marian M. Rhea, Supervisor
Unit Division

MEM/MPR/m
cc:

OCC-Santa Fe
USGS-Roswell

In reply refer to:
Unit Division

September 9, 1959

*File
Case #472*

Richardson and Bass
Fort Worth Nat'l Bank Bldg.
Fort Worth, Texas

ATTENTION: Mr. Howard Jennings

Re: James Ranch Unit
Eddy County, New Mexico

Gentlemen:

The Commissioner of Public Lands has of this date approved your request for a six months extension from September 5, 1959, within which to commence an additional well on the James Ranch Unit.

We are forwarding the original and six approved copies to the United States Geological Survey in Roswell, New Mexico, please forward this office a fully executed copy upon approval by the United States Geological Survey.

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

BY:
Ted Bilberry, Supervisor
Oil and Gas Division

MEM/MSR/m
cc:

USGS- Roswell
OCC- Santa Fe

C
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P
Y

001 50170 100

SEP 10 1959

RECEIVED
MARCH 11 AM 11:20

In reply refer to:
Unit Division

March 10, 1959

File
472

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

Re: James Ranch Unit
Eddy County, New Mexico

ATTENTION: Mr. Howard W. Jennings

Gentlemen:

The Commissioner of Public Lands has of this date approved your application for a six months extension from March 5, 1959 to September 5, 1959, within which to commence another test well on the James Ranch Unit.

This approval is subject to like approval by the United States Geological Survey, and we are transmitting five approved copies to the United States Geological Survey under copy of this letter.

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

BY:
Ted Bilberry, Supervisor
Oil and Gas Division

MEM/MER/m
cc:

OCC- Santa Fe
USGS- Roswell, New Mexico

C
O
P
Y

In reply refer to:
Unit Division

May 21, 1958

AIR MAIL

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

case 472

Re: James Ranch Unit

Dear Mr. Jennings:

We are enclosing the original and six copies of your application for a two years extension of the fixed term of the James Ranch Unit Agreement. This was approved by the Commissioner of Public Lands May 21, 1958.

Please furnish us with a fully executed copy of this extension when it is approved by the United States Geological Survey.

Very truly yours,

MURRAY E. MORGAN,
Commissioner of Public Lands

BY:

Ted Bilberry, Supervisor
Oil and Gas Division

MEM/MMR/a

cc: Oil Conservation Commission
Santa Fe, New Mexico

United States Geological Survey
Roswell, New Mexico

Case 472

MAIN OFFICE OCC

1956 MAY 17 AM 8:12

May 15, 1956

In reply refer to:
Unit Division

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

Re: (James Ranch Unit)
Eddy County, N. Mex.

Gentlemen:

We wish to call to your attention the fact that this office has received no reports concerning the James Ranch Unit since June 23, 1956.

We would appreciate a report on this Unit so we may bring our file up to date.

Very truly yours,

E. S. WALKER
Commissioner of Public Lands

MMR/m

cc: USGS-Roswell
OCC-Santa Fe

File
Case 472
MAIN OFFICE OCC

In reply refer to:
Unit Division

1958 AUG 18 AM 9:03

August 14, 1958

C
O
P
Y

Richardson & Bass
Ft Worth Nat'l Bank Bldg.
Fort Worth, Texas

Re: James Ranch Unit

Attention: Mr. Howard W. Jennings

Gentlemen:

We are enclosing five copies of your application for an extension of time in which to commence another test well on the James Ranch Unit Area.

The Commissioner of Public Lands has approved a six months extension from September 5, 1958 to March 5, 1959, subject to a well being spudded on or before March 5, 1959.

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
USGS: Roswell

will file
James Hunt file

A REPORT OF ALL CORES, DRILL STEM TESTS AND PRODUCTION TESTS ON THE RICHARDSON AND BASS #1 FEDERAL LEGG, 660' FROM THE NORTH LINE AND 2003' FROM THE EAST LINE OF SECTION 27, TOWNSHIP 22 SOUTH, RANGE 30 EAST, EDDY COUNTY, NEW MEXICO. ELEVATION 3309' D. F.

THE WELL WAS SPUDDED 7-10-53 AND COMPLETED 5-11-54. THE TOTAL DEPTH BY THE DRILLER WAS 15,854'. THE WELL WAS COMPLETED AT A PLUG BACK DEPTH OF 6122' THROUGH PERFS. 6112' TO 6118' IN THE LOWER DELAWARE SAND.

THE REPORT WAS MADE POSSIBLE THROUGH THE COURTESY OF RICHARDSON AND BASS, CARLSBAD, NEW MEXICO.

THE TYPING OF THIS REPORT AND THE PAPER AND REPRODUCTION WAS FURNISHED BY THE NEW MEXICO OIL CONSERVATION COMMISSION, ARTESIA AND HOBBS, NEW MEXICO.

THE REPORT WAS PREPARED FOR THE NEW MEXICO OIL SCOUTS ASSOCIATION BY BOB BOLING, THE SUPERIOR OIL COMPANY, ROSWELL, NEW MEXICO, AND L. A. HANSON, NEW MEXICO OIL CONSERVATION COMMISSION, ARTESIA, NEW MEXICO.

Diamond Core #1 3764-3814. cut 50' recovered 45' being 2' lime, drk brn, fn xln, dns, v argill & sdy, no poro & NS. 7' sd, gry, v f g to silty, very tight, sli calc to argill, thinly laminated w/sh strks, no poro & NS. 2' sh, drk gry to blk, dns, very sdy, no poro & NS. 3' sd, gry, v f g, silty, tight, sli calc, very argill & laminated, no poro, no show. 2' sh, drk gry to blk, very calc & silty, no poro, no show. 4' lime, lt tan, very dns, sub-xln to massive w/conchoidal frac, no poro, no show. 1' sh, blk, dns w/conchoidal frac, sli calc, no poro, no show. 4' lime as above, no poro, no show. 3' sd, lt gry, v f g to silty, very tight, no poro, no show. 4' lime, brn, dns, fn xln to sdy, no poro, no show. 17' sd, as above, no poro, no show. 1' lost core.

DIP: Good, flat in laminations 3766 to 3778.

Diamond Core #2 3814-3864. cut 50' and recovered 20' being 3' sd, lt gry v f g, sli calc, tight, sli silty, no poro, no show. 17' sd as above except sli friable to friable. 20' lost core.

NOTE: No recognized dip.

Diamond Core #3 3864-3887. cut 23' recovered 22' being 11' sd, gry, v f g - dns, hd, sli calc, very tight, silty, argill, no poro, no show. 11' sd, v f g, dns, sli calc, tight to sli friable, no poro, no show. 1' lost core.

NOTE: No recognizable dip.

Diamond Core #4 6067-6116. cut 50' recovered 50' being 3' sd, gry, fn to med grained, silty, sli calc, very tight poro, tr stain, fair spotted fluor, light cut and fair odor. 1' sd, gry, fn to med grained, very silty, sli calc, very tight poro, no show. 1' sd as above except light stain, gd fluor, fair cut and good odor. 1' sd, gry, fn grained, very silty, w/paper thin shale lamin, very tight poro, no stain, tr fluor and cut, light odor. 1' sd, gry, fn to med grained, silty, sli calc, tight poro, light stain, gd fluor, fair cut and gd odor. 1' sd, gry fn-med grained, silty, shaley, sli calc, very tight poro, no show. 1' sd as above, w/sct thin sh lamin. very tight poro, no stain, tr fluor & cut, light odor. 3' sd, gry to drk gry, fn grained, very shaley, silty calc, very tight, poro, no show. 1' sd, gry, fn-med grained, very silty, sli calc, tight poro, light stain, fair fluor, tr cut, and fair odor. 1' sd as above except good fluor, fair cut and excellent odor. 5' sd, gry to drk gry, fn to med grained, very silty, very shaley, very tight poro, no show. 1' sd, gry, fn to med grained, silty & shaley, bleeding saltwater, tight poro, no show. 24' sd, gry to drk gry, fn to med grained, very silty to sli shaley, very tight poro, no show. 1' sd, gry, fn to med grained, very silty, very tight, light stain, fair spotted fluor, light cut and fair odor. 5' sd, gry, fn to med grained, silty, sli calc, tight to sli friable, fair stain, gd fluor, fair cut and excellent odor.

NOTE: No apparent dip, all fluor was yellow to golden.

DST #1 6034-6116 open 1 hr. Rec. 85' drlg mud, no show oil, gas or water.

FPO-75

30 SIP 865

Diamond Core #5 6116-6166. cut 50' recovered 44' being 2' sd, gry, fn to med grained, very silty, calc, sli lamin., very tight poro, tr stain, light to fair fluor, tr cut w/light odor. 4' sd as above, very tight poro, fair stain, good fluor, cut and odor. 2' sd as above, very tight poro, no stain, tr fluor, no cut, tr odor. 1' sd as above very tight poro, fair stain, good fluor, cut and odor. 2' sd as above except no show. 2' sd as above, except light to fair stain, fair to good fluor, fair cut and odor. 2' sd as above, lamin, very tight poro, tr cut and odor. 1' sd, gry, fn to med grained, silty, shaley, calc, lamin. very tight poro, light stain fair fluor in lamin tr cut and odor. 4' sd, gry, fn grained, silty, lamin, w/sh paper thin, very tight poro, no stain or cut, tr fluor & odor. 4' shale, blk, sli micaceous, sli sdy, no poro, no show. 2' sh, brn to blk, sdy, no poro, tr fluor & cut. 4' shale, blk, sli micaceous, sdy w/vert tight frac, no poro, fair fluor & tr cut in fractures. 6' sd, gry, tan, fn to med grained, silty calc, very tight poro, fair stain cut & fluor, good odor. 2' sd & sh, 1" lamin sand, very silty blk sh, very tight poro, tr fluor, no other show. 2' shale, blk sli sdy, no poro, no show. 1' sd, gry-tan, fn grained, hard, very lmy and silty, very tight poro, tr stain, fluor cut and odor. 3' lime, blk to drk gry, fn xln, very shaley, no poro, no show. 6' lost core.

DIP: Irregular, but appears to be flat at 6132-36.

Diamond Core #6 6168-6218. cut 50' recovered 47' being 2' sh, drk brn to blk, dns, limey, no poro, no show. 6' sd, v f g, gry to brn, sli calc, well cemented, argill to shaley, very tight poro, no show. 14' sd & sh, laminated sd & v sdy sh, sd is gry, v f g, sli calc, sh is drk brn to gry, sdy and micaceous, very tight poro, no stain, tr fluor in sd lamin, tr odor. 1' sd, v f g, gry to tan, silty, sli calc to argill very tight poro, no show. 1' sd as above, to very silty, dns, lamin. very tight poro, tr fluor & odor in lamin. 1' sh, blk, dns, sli sdy, no poro, no show. 1' sd, gry, v f g, dns, sli calc, very silty to sli argill, very tight poro, no show. 1' sh, drk brn to blk, sli calc, dns, sdy, no poro, no show. 1' sd, gray, v f g, limey, well cemented, sct oolites, very dns, tr sct vugs, no show. 4' sd, gry, v f g, sli calc, dns, well cmt, very silty, very tight poro, tr sct stain, fair sct pale yellow fluor,

fair odor. 15' sd as above, very tight poro, no show. 3' lost core.

NOTE: Fracturing of a tight vert nature at 6196, 6189-91 and 6183.

DIP: Variable poor 3 to 5° dip at 6195 in sd-sh contacts.

DST #2 6107-6218 open 1 hr. Rec. 509' sli gas cut mud tstd 14,350 PP M cl.
FP 90-135 30 SIP 1855

Diamond Core #7 7037-7072 cut 35' recovered 17' being (18' lost core) 2' sd & sh, sd is v f g, gry, sli calc, silty, thinly lamin w/very drk-gry to blk sh, very tight poro, tr sct fluor and odor @ sd-sh contacts. 5' sh, blk, dns, v sdy, v sli calc w/sct thin (2") strks sd, drk gry-brn, fn to v dns & well cmt calc w/a tr of hairline vert fracturing, very tight poro fair fluor & odor in frac. 10' sd, lt gry, v f silty, v calc, shly, well cmt w/numerous thin sh lamin, very tight poro, tr sct fluor @ sd & sh contact.

NOTE: Orientation of this core is very questionable and depths assigned are arbitrary.

DIP: Fair 0-3° in sd & sh lamin.

DST #3 7008-7072 open 45 min. rec 10' mud NS.
FP 25 15 SIP 45

Diamond Core #8 7072-7122. cut 50' rec 50' being, 6' shale, gry-blk, calc, v sdy, silty, thin vertical fracture, some sctd. thin shaley sd strks Lt G-F well cem, v silty, calc w/sc zones. v tight poro, no stain, light fluor in sd strks, fair odor. 22' sd: Lt G-F well cem, v silty calc w/sctd zones highly lamin w/sh, v tight poro, no stain, no fluor, no odor. 2' sd: Lt gry, v f g, calc, silty (Bleeding lightly) slightly friable, good stain & odor. 2' sd: gry-F grain-silty-calc-w/numerous thin sh laminations, v tight poro, no stain, no fluor, no odor. 1' sd: gray-fine sli calc, sli friable to silty, sli poro, good stain & odor. 17' sd: gry, F grain, sli calc, silty to shly, very thinly lamin w/sh, v tight poro, no show, trace sctd fluor at laminated contacts.

DIP: Good 2° dip in sand & shale laminations thru-out core.

Diamond Core #9 7122-7153. cut 31', rec 15' being 1' sd: gry F grain, v silty, calc-shly well cem & consolidated w/thin sh lam, v tight poro, no show, no odor. 1' sd: light gry, F grain, sli calc, silty, well cem, v tight poro, no show, no odor, no fluor. 1' sd: same as above 7122-7123. 1½' sd: light gry, F grain, silty, shaley, sli calc, tight poro, trace stain, good fluor, good odor. 7' sd: light gry, F grain, silty, calc, well cem, very tight poro, no show, no odor. 1½' sd: light gry, F grain, silty, sli calc, sli friable, trace sctd stain, sctd fluor, good odor. 16' lost core, 7135-7151. 2' sd: light gry, F grain, silty, sli calc, sli friable, sctd stain, sctd fluor, good odor.

NOTE: Show in bottom 3½' recovered was in sctd. 2" & 4" zones.

DIP: Good 3° dip at 7124.

Diamond Core #10 7154-7204. cut 50' rec 48' being 5' sd: light gray, F grain, silty, sli calc, sli friable, trace of stain, good fluor, good odor, 4' shale: blk, v sdy to silty w/numerous thin sd laminations, no poro, no show. 15' sd: light gry, F grain, silty to calc, w/sli sh laminations, very tight poro, no show. 1' sd: as above w/no sh laminations, sli friable, trace of stain, good fluor, good odor. 3' sd: as above w/sh laminations, v tight poro, no show. 1' sd: as above w/no sh laminations, sli friable light stain, good fluor, good odor. 16' sd: as above w/sh laminations, v tight poro, no show, no odor. 1' sd: as above w/no sh laminations, sli friable, trace sctd staining, good fluor, good odor. 4' sd: as above w/sh laminations, v tight poro, no show.

DIP: Good 2° to 3° dip in laminated zones.

DST #4 7087-7204 open 2 hrs. fair blow of air & died 1 hr. 45 min., rec 220' H g & sli oil cut drlg mud, / estimated 538' free gas in drill pipe.
FP 28-55# 30 M SIP 940#

Diamond Core #11 7204-7254. cut 50', rec 48' being 2' sd: light gry, v F grain, well cem, shaley, sli calc, thinly laminated, v tight poro, no show. 29' sd: light gry, v F grain, sli calc to silty w/4" to 6" shale stks as follows 7219½ to 20, 21½ to 22, 7224 to 24½, 7228-28½, sli friable, trace to light stain, good fluor, good odor. 1½' sand & shale, thinly lam sh & sd as above, v tight poro, no show. 5½' sd: light gry, v F grain, sli calc, silty, sli friable, trace to light stain, good fluor & odor. 3' sd: lt gry, v F grain, silty, sli calc, shaley, v tight poro, no show. 2' sd: lt gry, F grain, silty sli calc, w/sctd barren laminated zones, v tight to sli friable, light sctd staining, sctd fluor & odor. 5' sd: lt gry, v F grain, calc, shaley, tight poro, trace sctd stain, fluor & odor.

NOTE: Very thin excellent show at 7249 & 7252.

DIP: Fair 3° dip entire core.

DST #5 7201-7254 open 1 hr. rec 115' gas & sli oil cut drlg mud / 15' HO&gc mud.
FP 0-30# 30 M SIP 240#

Diamond Core #12 7256-7283. cut 27' rec 27' being 2' sd: lt gry, F grain, silty, sli calc, v tight poro, no show, no fluor, no odor. 1' shale: blk, silty, w/thin laminated sd stks, v tight poro, no show. 2' sd: as above, v tight poro, no show. 2' sd: as above, w/thin lam shale stks, no show. 13' sd: as above, to v shaley, no show. 7' shale: drk brn to blk very limey, dns w/bottom 5' well fractured vert., no show. DIP: Poor 7-11° dip, irregular @ 7277'.

Diamond Core #13 7283-7334. cut 51' rec 51' being 3' shale: drk brn to blk, calc, vert frac, no poro, no show. 6' sd: gry to brn, v F grain, well cem, sli calc, silty & v shaley, v tight poro, no show. 2' sd: as above, no show. 1' sd: as above, v tight poro, fair to good fluor, sli odor. 4' sd: as above, v tight, NS. 3' sd: as above v tight poro, no stain, light to fair fluor, good odor. 1' sd: as above to brn F xlyn, sdy lime, NS. 5' sd: lt gry, v F grn, sli calc, well cem, silty & shly, v tight poro, good to fair fluor, good odor. 2' sd: as above, v tight poro, no show. 7' sd: as above, v tight poro, no stain, good fluor, good odor. 3' shale: blk to brn & den, v tight poro, NS. 1' sd: lt gry to brn, v den qtzitic, v tight poro, (bleeding from tight frac) good fluor, good odor. 1' shale: drk gry to blk, v sdy, no poro, no show. 2' sd: gry to brn, v F grn, well cem, calc, very shly, v tight poro, no stain, trace sctd fluor, sli odor. 10' shale: drk gry to blk, dens, vert frac in bottom 8', no poro, no show. DIP: Fair 2° dip.

Diamond Core #14 7334-7385. cut 51' rec 51' being 1' sd: gry to tan, F X, v limey, v tight poro, no stain, trace sctd fluor, sli odor. 1' shale & sd: v F laminated, v tight poro, no show. 1' sd: gry, F, very silty, calc, fair sctd fluor, sli odor. 2' shale & sd: F laminated, v tight poro, trace sctd fluor, sli odor. 2½' sd: gry, F, v silty, calc, w/sctd shly stks. Bottom 6" (41-41½') had show. 3½' sd: drk gry, F very shaley, silty w/sctd extremely shaley streaks, v tight poro, sli stain, fair fluor, fair odor. 5' sd: gry, F very silty, calc, w/half being laminated, tight poro, sli stain, fair to good fluor, good odor. 2½' sd: as above w/2 to 3" shale stks, v tight poro, no stain, fair spotted fluor, fair odor. 2' sd: gry to gry tan, F, very limey, v tight poro, no show. 4' sd: drk gry, F, v shaley, (w/sctd thin shale lam) v tight poro, no stain, trace very sctd fluor, sli odor. 1½' shale: drk gry to blk, v sdy w/sctd thin sh strks, v tight poro, no stain, w/trace very sctd fluor, no show. 3' sand: gry F w/sctd lam of shale, v tight poro, no stain, w/trace of very sctd fluor, no show. 4' shale: blk, very dense w/a few sctd tight vert frac, no poro, no stain, trace of fluor in frac, no show. 4' shale: blk, very dens, w/a few sctd tight vert frac, no poro, no stain, trace of fluor in frac, no odor. 1' sd: gry to tan, (dns & limey) tight vert frac, v tight poro, good bleeding into vert frac, fair fluor, sli odor. 4' shale: blk, sctd thin sd strks, top 2' frac & broken, no poro, no stain, trace of fluor in frac, sli odor. 7' sand & shale: finely laminated, v tight poro, no stain, no fluor, no odor. DIP: 3° in laminated zone.

Diamond Core #15 7387-7430. cut 43' rec 2' being 2' sand & shale: v shaley sand, laminated, rec in chunks, no poro, no show, 41' lost core.
NOTE: No depth can be assigned to rec core.
DIP: No apparent dip in recovered core.

Diamond Core #16 7432-7447. cut 15' rec 13' being 6' shale: drk brn to gry, thinly lam & v sdy to silty, tight poro, no show. 4' shale: drk gry to blk, w/sctd sdy strks, no poro, no show. 1' sd: gry to tan, F grain, sli calc, w/sctd sh strks, v sdy, v silty, sli bleeding, tight poro, good stain, good fluor, good odor. 6" lime: drk brn, dens, F xln, massive, v fssl, brachy, fusul, crenoid, v tight poro, no show. 5' sand & shale: thinly lam, drk gry, v silty, argill sand, v tight poro, no show. 2' shale: drk gry to blk w/sctd thin sd strks, no show. 2' lost core.
NOTE: Entire core vert fractured.
DIP: Good 2-3° in laminations @ 7440'.

Diamond Core #17 7450-7501. cut 51' rec 51' being 3' shale & sand: highly laminated, v T poro, NS. 7' sand: lt gry, F grain, sli calc, silty, well cem, v T poro, fair to good stain, good fluor, good odor. 1½' sd: as above to shaley, v T poro, NS. 3' sd: as above, v T poro, fair to good stain, good fluor & odor. ½' sand: as above, to very shaley, v T poro, NS. 2' sand: lt gry, F, sli calc, silty, v T poro, fair to good stain, good fluor & odor. 3' sand: as above to very shaley, v T poro, NS. 1' sd: as above, v T poro, fair to good stain, good fluor & odor. 1' sd: as above, v T poro, no show. 2½' sd: as above, v T poro, fair to good stain, good fluor & odor. 4½' sd: as above, w/shale lam zone @ 7475' & sand is very shaley, v T poro, NS. 1' sd: lt gry, F, sli calc, silty, v T poro, NS. 10' sd: lt gry to brn, F, silty, sli calc, v shaley w/sh lam @ 7487-7489' & w/v foss sdy zone @ 7486', v T poro, NS. 1½' sd: lt gry, F, sli calc, silty, v T poro, fair stain, good fluor & odor. 4½' sd: as above to shaley, lam @ 96' v T poro, no show. 5' sd: as above to shaley, v T poro, fair stain, good fluor & odor.
DIP: Fair 3° dip @ 7453-7475'.

Diamond Core #18 7501-7531. cut 30' rec 30' being $\frac{1}{2}$ ' sd: drk gry, v F, v silty, shaley, highly lam w/shale, v T poro, NS. 2' sd: lt gry, F grain, silty, sli calc, v T poro, no show. $\frac{1}{2}$ ' lime: brn, dens, F xlyn, very Fssl, v T poro, no show. 2 $\frac{1}{2}$ ' sand: lt gry, F, silty, sli calc, v T poro, good stain, fluor & odor. $\frac{1}{2}$ ' sd: brn, F grain, v limey, dens, v T poro, no show. 2' sand: lt gry, v F, sli calc, silty, shaley, v T poro, sli stain, good fluor & odor. 2 $\frac{1}{2}$ ' sand: gry, v F, silty, v shaley, & highly lam w/sh stringers, v T poro, fair fluor, good odor. 1 $\frac{1}{2}$ ' shale: drk gry to blk, sli calc, NS. 1' lime: brn, dens, sub xln, v sdy, NS. 3' sd: gry to brn, fine to med fine, v calc to limey, v T poro, trace of stain, fair fluor, good odor. 11' sand: tan to gry, v F grain, silty, v shaley w/numerous sh laminations, v T poro, NS. 1 $\frac{1}{2}$ ' sand: brn, dens, v F, silty, v shaley, v T poro, heavy bleeding, good fluor & odor. 2 $\frac{1}{2}$ ' sand: tan to gry, v F, silty, v shaley, w/numerous sh laminations, open vert frac from 7521 to 7531', v T poro, NS.
DIP: Fair to good 3° dip in laminations from 7517 to 7531'.

DST #6 7440-7531' open 2 hrs., immediate light bubble of air increased to a good strong blow @ end of 6 min. Opened 5/8" surface choke partially - blow decreased to a light blow at end of 1 hr. & 40 min. - closed surface choke - built up to strong blow of air in 8 min. & continued to end of test. Lost approx. 20 bbls. drilling mud during test, appeared to be losing mud to formation above packer point as it was a very slow loss. Recovered 2930' uncut drlg. mud. Chloride content checks w/reg. drlg. mud chloride content. Upon examination of test pressure charts it was found that the 15 min. SIBHP was that of the hydrostatic head of the mud column. Therefore, it must be assumed that the drlg. fluid was by-passing the packer thru minute fractures to zone being tested.
FP 215-1500# 15 M SIP 3730#

Diamond Core #19 7533-7552. cut 19' rec 18' being 1' lime: blk F X den, v fossil, good bleeding of drk brn oil, v sli sctd poro, trace sli stain, sli sctd fluor, fair odor. 1' lime: drk brn to blk, F X, v den, no poro, stain, fluor or odor. 14' shale: blk w/numerous blk to brn F X li strks, & 5 (1") brn chert strks, no poro, stain, fluor or odor. 2' lime: drk brn to blk, F X, very den w/4" shale strks, 6" fair poro, sli sctd stain, 6" good fluor w/fair bleeding, good odor. 1' lost core.
NOTE: No evidence of conglomerate or Breccia, thin tight unfilled vertical frac thru-out core, all of core was broken along fractures when pulled, show was not found in fractures except in the two show zones.
DIP: Poor, flat variable.

Diamond Core #20 7552-7561. cut 9' rec 9' being 9' lime: dense, v F X, brn, siliceous & has conchoidal fracture w/sctd dense shale laminations, no poro or stain, trace of fluor, sli odor.
NOTE: Trace of show in 6" of extremely siliceous lime @ 7552', fracturing was negligible as core pulled without breaking, some tight paper thin calcite fractures were present.
DIP: Good 0° dip in lime & shale laminations.

Diamond Core #21 8728-8774. cut 46' rec 46' being 39' sand: white to lt gry, v F, sli calc, cem silty, w/sctd very small blk material (Phosphate?), v tight poro, v lt stain, good fluor & odor. 4' li: gry to brn, M-G xln, sdy, v fossil, dens, v tight poro, v lt stain, good fluor & odor. 3' sand: as above, v tight poro, NS.
NOTE: 6° dip @ 8736' & fair 2° dip @ 8763'.

ZONES OF SHOW AS FOLLOWS:	8729.0-32	3.0 Ft.	8750.0-50.7	.7
	33.0-35	2.0	51.8-53.5	1.7
	36.3-37.1	.8	54.5-54.9	.4
	37.7-38.5	.8	55.4-56.2	.8
	41.2-43.4	2.2	59.0-59.6	.6
	44.3-46.2	1.9	63.2-63.6	.4
	47.6-48.1	.5	66.3-66.7	.4

Total Show 16.0 Ft.

DST #7 8715-8774 open 2 hrs. light blow of air increased to good blow of air @ end of 22 min., then decreased slowly to a very light blow of air @ end of test. Recovered 330' free gas in DP / 240' v silty g & oc drlg. mud. (Oil visible under fluorescent light only.)
FP 45-135# 15 M SIP 315#

Diamond Core #22 9115-9145. cut 30' rec 30' being 30' lime: drk brn, v dens, massive sub xlyn to argill, no poro, stain, fluor or odor.
DIP: No recognizable dip.

Diamond Core #23 9531-9559. cut 28' rec 28' being 13 $\frac{1}{2}$ ' sand: lt gry to clear, v F, silty, well consolidated w/numerous frac, 13 $\frac{1}{2}$ ' net show, avg. poro 11.5%, av. perm. 0.4 MD. trace stain, lt to solid blue white fluor, good to excellent odor. 4 $\frac{1}{2}$ ' sand: gry, v F, v sdy to shaley, avg. poro 6%, avg. perm. 0.4 MD., NS. 10' shale: blk, dens, limey, w/sctd sand laminations, no poro, stain, fluor or odor.

NOTE: Excellent fluor in frac planes, porosity & permeability results from Geolog. core analysis.

DIP: No recognizable dip.

DST #8 9502-9560 open 2 hrs. 5 min. Initial weak blow of air, increased to a fair blow of air at end of 20 min. then gradually decreased to a weak blow of air at end of test. Rec. 987' uncut drlg. mud / 450' v sllly O & gc drlg. mud. (Oil very light green & high gravity.) Chloride checks 1200 PPM - checks w/reg. drlg. mud.
FP 165-605# 15 M SIP 620#

Diamond Core #24 11,165-11,210. cut 45' rec 45' being 3' shale: blk, sllly limey, no poro, stain or fluor, sli odor. 1½' lime: drk brn, shaley, F X, no poro, stain or fluor, sli odor. 3' shale: blk, sllly limey, no poro, stain, or fluor, sli odor. ½' lime: brn, shaley, crinoidal, F X to M X, H₂S odor, NS. ½' shale: blk, limey, possible 10° dip, no poro, stain or fluor, sli odor. 1' lime: drk brn, shaley, F X, NS. 18½' shale: blk, sllly limey, scd shale lime partings w/scd crinoid frags & calcite filled vert fracs in bottom 4', no poro, stain or fluor, sli odor. 2' conglomerate: blk limey shale matrix, crinoid & foss frags, lt gry to brn limey chert Incl, no poro, stain, fluor or odor. 3' conglomerate: drk silic, argill lime matrix incl. as above, no poro, stain or fluor, fair odor. 4' conglomerate: as above, but containing vert fractures bleeding oil & gas, poorly frac poro, few scd small vugs, good staining & fluor along fractures, good odor. 1' shale: blk, no poro, stain or fluor, very sli odor. 7' conglomerate: drk argill, silic lime matrix, no poro, stain or fluor, sli odor.

NOTE: Core was bleeding gas when freshly pulled.

DIP: 11,173' - poss. 10° dip

11,175' - poss. 0-10° dip

11,202' - poss. 20-40° dip

Diamond Core #25 12,599-12,604½'. cut 5½' rec 5½' being 4' lime: gry to tan, F X to M X, salty taste, good vugular poro, no stain, fluor or odor. 1½' lime: gry to brn, sub lith to v F X, some oolites & scd foss frags, no poro, stain, fluor or odor. (No apparent dip.)

DST #9 11,136-11,315, used 2587' water blanket, open 1 hr. 33 min. Initial lt bubble of air decreased to very light bubble of air at end of test, rec 558' uncut water blanket / 2029' gc wb, / 40' mud & gas cut wb / 120' gcm. Top mud = 80/6 gas, & 2500 PPM chloride. Bottom mud = 40/6 gas, & 3000 PPM chloride.

FP 1245-1245#

15 M SIP 1645#

DST #10 12586½-12,599, used 5817' water blanket, open 3 hrs. 40 min., initial fair blow of air, increased to a very strong blow of air at end of 1 min. opened 5/8" SC after 2 min., decreased to a light blow of air in 6 min. (Tool open 8 min.) closed surface choke after TO 16 min., increased to a very strong blow of air in 30 seconds, opened 5/8" SC after TO 18 min., decreased to a light pulsating blow of air in 2 min., (TO 20 min.) & continued. WB to surface in 73 min., gas to surface in 2 hrs. & 1 min., mud to surface 2 hrs. & 7 min., salt water to surface 2 hrs. & 40 min., cleaned to pits 40 min., turned to test tank, initial gas flow 414 MCFPD, leveled off after 25 min. at 259 MCFPD & flowed 24.84 bbls. salt water w/very sli trace of distillate per hr. 63,000 PPM chloride, reversed out gas & salt water w/very sli trace of distillate.
FP 3600-4855# 55 M SIP 7620#

Diamond Core #26 12,604½-12,612½. cut 8' rec ½' being ½' lime: drk brn to brn, sub X, v dens, w/conch frac & occasional foss frag, no poro, no stain, fluor or odor. 7½' lost core.

DIP: No apparent dip, core head was worn off.

Diamond Core #27 12,908-12,949. cut 41' rec 41' being 11' lime: white to gry brn, foss, crinoids, fus, bryz brachs, sli vugular poro, no stain, fluor or odor. 30' shale: gry, blk, Mica, scd foss limey, shale strks, no poro, trace scd stain & fluor, no odor
NOTE: Dip, fair 20° dip in shale bedding.

Diamond Core #28 15,546-15,586. cut 40' rec 40' being 7' dolomite: lt gry, dens, F X, w/multiple fracturing w/anhydrite fill @ 15,550' frac poro, no stain, no fluor, sulphur odor. 33' dolomite: as above w/scd. anhy filled zones, very small scd. vugs & fractured poro, no stain, no fluor, sulphur odor.

DIP: No dip apparent.

Diamond Core #29 15,587-15,633. cut 46' rec 46' being 46' dolomite: lt gry, F X to M X, dense irregular, tight fractures & scd. small vugs, trace of scd vugs & poorly fractured poro, no stain or fluor, sulphur odor.

DIP: No dip apparent.

DST #11 15,547-15,633, used 8200' water blanket, open 1 hr. 30 min., intermittent light bubble of air for 6 min., then continued steady w/a light bubble, dead after 1 hr. 20 min., rec 8200' uncut wb / 140' drlg. mud (chloride 7000 PPM) same as reg. drlg. mud.

FP 3755-3820#

15 M SIP 6665#

Diamond Core #30 15,643-15684. cut 41' rec 41' being 41' dolomite: fine to medium crystalline, dense, lt gry, very highly to highly frac, fractures tight w/anhyl filling, fractures from 15,655-666 & 15,679 to 682. Bottom 4 ft. of core very broken, strong sulphur odor thruout, traces of small vugular porosity 15,644-45, 15,680-81, & 15,683-84.

DIP: No recognizable dip.

DST #12 15,633-15,854, used 8200' water blanket, open 4 hrs. weak blow of air & increased to fair blow of air after 15 min., then decreased slowly to a light blow of air after 2 hrs. & continued steady. Opened 1" surface choke after 3 hrs. & 50 min., died immediately, closed SC - blow increased to a light bubble after 5 min. & continued to end of test. Rec. 8200' uncut wb / 658' drlg. mud / 282' mc salty sulphur water, / 1080' sli mc salty sulphur water 45,000 PPM chloride.

FP 3685-4225#

15 M SIP 6530#

Mud column press. 9815 PSI

Mud Weight 12# Per Gallon

The total depth of 15,854' was reached in 254 days. Ran Schlumberger, velocity survey, ES, Micro-log, gamma ray, neutron log and dip meter.

Casing record as follows: 20" @ 425' w/700 sax cement
13 3/8" @ 3630' w/3350 sax cement
9 5/8" @ 9006' w/2590 sax cement

Spotted 100 sax cement @ 15,850', 75 sax @ 12,625', 100 sax @ 9050'. Perforated at 7530' w/3 shots, set retainer at 7518' and squeezed w/100 sax cement. Perforated at 7470' w/3 shots, set retainer at 7456' and squeezed w/100 sax cement.

4-2-54 Perforated w/16 jet shots 7500' to 7504. Ran 2" tbg. to 7497' w/pkr. @ 7472' and swbd. dry, Sandoil frac w/2000 gal. 18° API oil w/1 3/4# sand per gal., through csg. perfs. 7500' to 7504', shut in 1 hr. after treatment, (154 bbls. load oil to be recovered) flowed 63 bbls. load oil to tank & estimated 8 bbls. to pits in 48 min. and died. Swbd. final test rate with fluid top @ 7000', swabbing one run per hour, and rec 1.38 bbls fluid per hr., 56% salt water & 44% load oil w/trace of gas. Plugged back to 7468' w/30 sax cement.

4-6-54 Perf. w/16 jet shots 7456'-7460', ran 2" tbg. to 7456' w/pkr. @ 7437' and swbd dry, Sandoil frac w/2000 gal. 24° gr oil w/4000# sand, csg. perfs. plugged when 25 bbls. of sand oil were in formation, unseated pkr. & reversed out, pkr. failed to re-set, pulled out of hole, reran pkr. displaced load oil w/water, set pkr., & swabbing @ 6900', rec spot water plug / 10 bbls. load oil.

4-7-54 Swbd. 4.14 bbls. fluid, being 2.20 bbls. oil, 1.94 bbls. water (47% water) 8 hrs., final run of swb. was 70% water w/light blow of gas, lack 18 bbls. of recovering load oil.

4-8-54 Spotted 30 sax cement @ 7463', perf. w/3 shots @ 7252' and set retainer @ 7234' & squeezed w/100 sax cement. Perf. @ 7188' w/3 shots, set retainer @ 7146' and squeezed w/100 sax cement.

4-9-54 Drilled out to retainer @ 7234', perforated w/32 jet shots 7218'-7226'.

4-10-54 Ran tbg. w/pkr. @ 7201' & swbd. dry. Sandoil frac w/3000 gal., w/1# sand per gal., (Total load oil to recover 160 bbls.) opened well after 1 hr. 55 min., flowed 49 1/2 bbls. load oil 1st hr., 11 bbls. load oil 2nd hr., TP 25#, 7 bbls. load oil 3rd hr., TP 15#, total of 67 1/2 bbls. LO.

4-11-54 Fluid level 6800'-7000'. Swbd. 6.55 bbls. oil, gravity 32.4 / 65 to 70% water in 5 hrs. 20 min.

4-12-54 Swbd. 48.18 bbls. fluid, being 37.14 bbls. water, 11.04 bbls. oil (77% salty water).

4-13-54 Final swb. test, swbd. 0.34 bbls. oil / 6.54 bbls. water 3 hrs. Pulled tbg. and spotted 30 sax cement @ 7234'. Perforated @ 6130' w/3 shots, set retainer @ 6124' and squeezed w/100 sax cement. Perforated @ 6082' w/3 shots & set retainer @ 6042' and squeezed w/100 sax cement.

4-14-54 Drilled retainer @ 6042', went out of cement @ 6088'. Perforated w/24 shots 6112'-6118'.

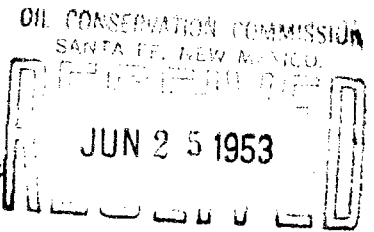
4-15-54 Ran tbg. @ 6108', swabbed spot water, fluid broke in on first run to bottom, 12 hr. swabbing test rec. 84.12 bbls. fluid, 9.64 bbls. oil, 74.48 bbls. salt water, gr. of oil 35.4°, salt content 84,000 PPM.

- 4-16-54 Stopped swabbing and fluid level rose to 2500' from surface, ran retrievable retainer to 6122' and spotted 35 bbls. oil, pulled up & set retainer @ 6088' broke formation @ 3000# w/oil and squeezed perfs. 6112'-6118' w/75 sac diesel oil cement.
- 4-18-54 Ran 2" tbg. to 6114' w/pkr. @ 6093', and swbd. dry, acidized w/250 gal. MCA perfs. 6112'-6118', swbd. dry & rec. 100% water. Fluid level @ 6000'.
- 4-19-54 Sandoil frac w/3000 gals. 1# sand per gal. Opened for 15 hr. test, flowed 169.83 bbls. fluid being 17.94 bbls. water, 151.89 bbls. load oil, flowed 5 bbls. fluid per hr. 20% BS & 20% water, gas vol. tstm.
- 4-20-54 Well died, started swabbing, swbd. 109.32 bbls. fluid in 24 hrs. being 52.62 bbls. water & 55.70 bbls. oil, swabbing 1 time per hr. from bottom, (fluid level @ 5800') recovering 0.69 bbls. fluid per hr. 25% salt water. Total oil rec. to date 207.52 bbls., total new oil 48.52 bbls.
- 4-21-54 Acidized w/1000 gals., perfs. 6112'-6118' flowed back 12 $\frac{1}{2}$ bbls. flush oil and died. Swbd. acid water, then took 12 hr. swab test. Swabbing continuously, recovered 152 bbls. fluid, 74 bbls. oil, 78 bbls. water, fluid level 1500' to 2000' from surface. Unable to lower. Fluid was 25% water last 4 hrs. Good blow of gas.
- 4-22-54 Shut in 4 hrs. 45 min., TP went to 225#, opened up $\frac{1}{2}$ " choke for 15 min., TP dropped to 25#, opened wide open additional 15 min. & died, 16 hr. swabbing test, running swab once every 45 min., fluid level 1500', rng. swab to 3000', rec: 120 bbls. fluid, being 72.88 bbls. water, 47.12 bbls. oil, 60.73% water, good blow gas after each swab run for 10 min.
- 4-23-54 24 hr. swab test, swbd. 170 bbls. fluid, 83.30 bbls. oil, 86.70 bbls. water, 12 hrs., swbd. 107 bbls. fluid, 52.43 bbls. oil, 54.57 bbls. water, (51% water). Fluid level @ 2000' from surface. Running swab to 3500' each 30 min., gravity 29.2 at 60°, chloride 176,000 PPM.
- 4-24-54 15 hr. swabbing test, ran swab 2 times per hr. Fluid level @ 1800', pulling swab from 3000'. Rec. 90 bbls. fluid, being 50 bbls. oil, 40 bbls. water. Ran BHP gauge, shut well in 7 hrs. BHP was 1919# at 6109'. After well shut in 19 hrs. BHP was 2060#. No tbg. pressure, tbg. was plugged. Perforated tubing one joint above pkr., circulated mud out of annulus w/water.
- 4-26-54 Pulled 2 3/8" OD tbg. & ran 175 jts. 2 7/8" OD 6.40# J-55 tbg. 5480' set at 5501', w/perf. nipple 5468' to 5471', started rigging down rotary tools.
- Completion: TD 15,854' dolo., PB 6130', Top Pay 6112', I.P.P. 67 BO / 204 B X W, 24 hrs., 2 $\frac{1}{2}$ " tbg. @ 5480', GOR 639 to 1, gravity 42.8, csg. press. 25#, tbg. press. 0#, completed 5-11-54 after 250 gals. M/A, 1000 gals. R/A and 3000 gals. Sandfrac through perfs. 6112'-6118'.

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

June 23, 1953

In Re: James Ranch Unit Agreement
Eddy County, New Mexico
Case Number 472
Order R-279



Secretary
New Mexico Oil Conservation Commission
Capitol Building
Santa Fe, New Mexico

Dear Sir:

We enclose an approved copy of the Unit Agreement for the Development and Operation of the James Ranch Unit Area.

You will note that it was approved by the Acting Director of the United States Geological Survey on June 16, 1953, and that under the terms of the Agreement it became effective upon approval by the Acting Director on that date.

We also enclose for your files and information a copy of the letter of the Acting Director transmitting the approved copies to Richardson & Bass.

Very truly yours,

RICHARDSON & BASS

By

A handwritten signature in dark ink, appearing to read "M. J. Bass", written over the word "By".

MEP/dn
Enc.



IN REPLY REFER TO:

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

JUN 19 1953

Richardson and Bass
2106 Fort Worth National
Bank Building
Fort Worth, Texas

Gentlemen:

On June 16, 1953, Acting Director of the Geological Survey, Thomas B. Nolan, approved the James Ranch unit agreement, Eddy County, New Mexico, filed by your company as unit operator. This agreement has been designated No. 14-08-001-558, and is effective as of the date of approval.

Enclosed are four copies of the approved unit agreement for your records. It is requested that you furnish the State of New Mexico and any other interested principal with whatever evidence of this approval is deemed appropriate.

Very truly yours,

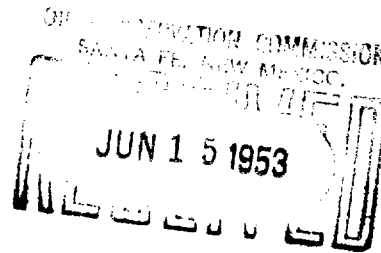
For the Director

Enclosures 4

RICHARDSON & BASS

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

June 11, 1953



Mr. E. S. Walker
Commissioner of Public Lands
State Land Office
Santa Fe, New Mexico

Re: James Ranch Unit Agreement
Eddy County, New Mexico
Case Number 472
Order R-279

Dear Mr. Walker:

This will acknowledge receipt of your letter of June 4, 1953, in which you requested a copy of the Oil Conservation Commission Order together with the ratifications and joinders on the above captioned Unit. Please be advised that all copies of the Unit Agreement are in Washington, D. C. for the signature of the U. S. Geological Survey, and immediately upon their return to us you will be forwarded a fully executed copy of this Agreement.

Trusting that the above will be satisfactory, I remain,

Very truly yours,

RICHARDSON & BASS

By 

HWJ:hrp

CC-Oil Conservation Commission
Santa Fe, New Mexico

100-1172

June 4, 1959

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

Re: James Ranch Unit Agreement,
Bddy County, New Mexico
Case Number 472
Order R-279

Gentlemen:

Our records reveal that the James Ranch Unit Agreement has been approved by the New Mexico Oil Conservation Commission.

Please forward a copy of the Oil Conservation Commission Order to this office together with the proper ratifications and joinders. Upon receipt of this information we will proceed to post our leases and tract books accordingly.

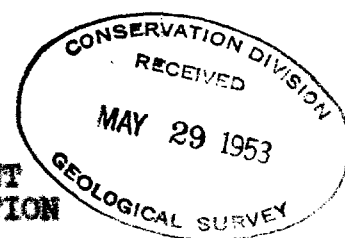
Very truly yours,

E. S. WALKER
Commissioner of Public Lands

cc: U. S. Geological Survey
Roswell, New Mexico (3)
Oil Conservation Commission ✓
Santa Fe, New Mexico (1)

C
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P
Y

**CONSENT AND RATIFICATION OF UNIT AGREEMENT
AND UNIT OPERATING AGREEMENT FOR THE OPERATION
AND DEVELOPMENT OF THE
JAMES RANCH UNIT AREA, EDDY COUNTY, NEW MEXICO.**



KNOW ALL MEN BY THESE PRESENTS:

WHEREAS on April 22, 1953, a certain Unit Agreement for the Development and Operation of the James Ranch Unit Area was made and entered into by and between the owners of oil and gas leases, royalty and other mineral interests for the development and operation of the James Ranch Unit Area embracing 20,656.98 acres in Townships 22 and 23 South and Ranges 30 and 31 East, N.M.P.M., Eddy County, New Mexico; and,

WHEREAS, simultaneously therewith a Unit Operating Agreement was made and entered into by and between the parties to said Unit Agreement owning working interests in the oil and gas leases committed thereto; and,

WHEREAS both the Unit Agreement and Unit Operating Agreement were executed by Richardson and Bass, a co-partnership, composed of S. W. Richardson and Perry R. Bass, and Richardson and Bass, a co-partnership is designated as the Unit Operator under the terms of said Unit Agreement; and,

WHEREAS, a question has been raised as to whether leasehold royalty and other mineral interests owned and held individually by S. W. Richardson, also known as Sid W. Richardson, and Perry R. Bass have been properly committed to said Unit Agreement and are covered by said Unit Operating Agreement; and,

WHEREAS it was intended by the execution of said instruments by Richardson and Bass, a co-partnership, that all leasehold royalty and other mineral interests held individually by the said S. W. Richardson and Perry R. Bass be committed to said Unit Agreement and also that such interests be covered by said Unit Operating Agreement and they are desirous of committing said interests and ratifying and confirming said Unit Agreement and Unit Operating Agreement.

NOW THEREFORE,

The undersigned, Sid W. Richardson, a single man, and Perry R. Bass and wife, Nancy Lee Bass, of Fort Worth, Texas, and being the owners of the leasehold royalty, and other interests in the lands or minerals as indicated on the schedule attached as Exhibit "B" to the Unit Agreement for the Development and Operation of the James Ranch Unit Area, Eddy County, New Mexico, do hereby commit all of their said interests to the James Ranch Unit Agreement and also agree that said interests are to be covered by the Unit Operating Agreement entered into in connection with said Unit Agreement and do hereby consent thereto and ratify all of the terms and provisions of said Unit Agreement and Unit Operating Agreement 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 this 26th day of May, 1953.

Sid W. Richardson
Perry R. Bass
Nancy Lee Bass

STATE OF TEXAS)
COUNTY OF Tarrant) SS

On this 26th day of May, 1953, before me personally appeared Sid W. Richardson, a single man, and Perry R. Bass and wife, Nancy Lee Bass, to me known to be the persons described in and who executed the foregoing instrument and acknowledged to me that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My commission expires:

June 1, 1953

Donald Neely
Notary Public



IN REPLY REFER TO:

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

JAN 10 1953

Richardson and Bass
2106 Fort Worth National Bank Bldg.
Fort Worth, Texas

Gentlemen:

Reference is to your application dated November 4, 1952, filed in your behalf by Hervey, Dow & Hinkle, with the Oil and Gas Supervisor, Roswell, New Mexico, requesting designation of 20,657 acres, more or less, in Eddy County, New Mexico, as logically subject to exploration and development under the unitization provisions of the Mineral Leasing Act, as amended. Three marked copies of a proposed form of unit agreement were also submitted for preliminary approval.

Pursuant to regulations of December 22, 1950, 30 C.F.R., section 226.3, the following land is designated as a logical unit area, to be known as the James Ranch unit area:

New Mexico Principal Meridian, New Mexico

T. 22 S., R. 30 E.

Sec. 12, S $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$
Secs. 13 thru 16, All
Sec. 17, E $\frac{1}{2}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$
Secs. 19 thru 30, All
Sec. 33, E $\frac{1}{2}$
Secs. 34 thru 36, All

T. 23 S., R. 30 E.

Sec. 1, E $\frac{1}{2}$, N $\frac{1}{2}$ NW $\frac{1}{4}$
Sec. 2, N $\frac{1}{2}$ N $\frac{1}{2}$

T. 22 S., R. 31 E.

Sec. 7, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$
Sec. 8, S $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$
Sec. 17, NW $\frac{1}{4}$, S $\frac{1}{2}$
Secs. 18 thru 20, All
Sec. 29, W $\frac{1}{2}$ W $\frac{1}{2}$
Secs. 30 and 31, All

T. 23 S., R. 31 E.

Sec. 5, $W\frac{1}{2}W\frac{1}{2}$
Secs. 6 and 7, All
Sec. 8, $W\frac{1}{2}$
Sec. 17, $NW\frac{1}{4}$
Sec. 18, $N\frac{1}{2}$

The proposed drilling depth of 13,000 feet to test Devonian strata is considered acceptable.

The proposed form substantially follows the 1950 standard form except for appropriate modifications heretofore approved as applicable to New Mexico State lands and except for some of the pertinent provisions heretofore approved in the Big Eddy unit agreement, New Mexico, No. 14-08-001-326, and considered appropriate for use in the James Ranch agreement. Accordingly, the form will be regarded as acceptable if modified as indicated by red pencil. One copy so marked is returned herewith, one copy is being furnished the Oil and Gas Supervisor, and one copy is being retained.

In the absence of any objections not now apparent, a duly executed agreement identical with the above-mentioned form as modified will be approved if submitted within a reasonable period of time. However, notice is hereby given that the right is reserved to deny approval of any executed agreement which, in the Survey's opinion, does not have the full commitment of sufficient lands to afford effective control of operations.

When the executed agreement is transmitted to the Supervisor for approval, include the latest status of all Federal acreage showing the current record owner of all issued leases and the current status of all lease applications, if any.

Very truly yours,

Thomas S. Nelson

Acting Director

Enclosure

J. M. HERVEY
HIRAM M. DOW
CLARENCE E. HINKLE
W. E. BONDURANT, JR.
GEORGE H. HUNKER, JR.

WILLIAM C. SCHAUER
HOWARD C. BRATTON
S. B. CHRISTY IV

LAW OFFICES
HERVEY, DOW & HINKLE
ROSWELL, NEW MEXICO

February 19, 1953

Mr. R. R. Spurrier, Secretary
New Mexico Oil Conservation Commission
Capitol Building
Santa Fe, New Mexico

Re: James Ranch Unit Agreement
Case Number 472

Dear Dick:

We enclose herewith original and five copies of Order of the Commission approving the James Ranch Unit Agreement. This case was heard by the Commission on February 17th and under the assumption that an order will be entered approving the agreement, I have prepared the same and enclose it herewith. We would like to have three signed copies of the order if possible.

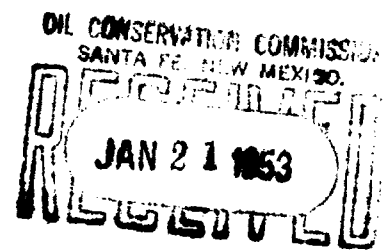
Thanking you for your prompt consideration of this matter,
We are

Yours very truly,

HERVEY, DOW & HINKLE

By 

CEH:mp
Enclosures



January 20, 1953

Mr. Clarence F. Minkie
Hervey, Dow and Minkie
Attorneys at Law
Roswell, New Mexico

Re: James Ranch Unit Agreement
Eddy County, New Mexico

Case 472

Dear Sir:

We are in receipt of your proposed Unit Agreement for the James Ranch Unit Area in Eddy County. It appears that this proposed form is substantially the form of agreement heretofore approved by me for others.

This office is withholding formal approval of the Unit Agreement pending a hearing before the New Mexico Oil Conservation Commission.

Yours very truly,

E. S. WALKER
Commissioner of Public Lands

cc: U. S. Geological Survey, Roswell, N.M.
Oil Conservation Commission, Santa Fe, N.M.

ILLEGIBLE