

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

April 9, 1957

*file
286*

J. Glenn Turner
17th Floor Mercantile Bank Building
Dallas, Texas

Attention: Mr. Fred T. Simpson

Gentlemen:

We are enclosing one additional approved copy of First Expansion of the Consolidated Pictured Cliffs Participating Area for the Huerfanito Unit Area, which was approved by this Commission on March 5, 1957, and which you requested in your letter of March 22, 1957.

Very truly yours,

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

ALP:DSN/ga
Encl.

C
O
P
Y

J. GLENN TURNER

OIL AND GAS-INVESTMENTS
17TH FLOOR MERCANTILE BANK BUILDING
DALLAS 1, TEXAS

March 22, 1957

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

Re: Huerfanito Unit Area -
First Expansion Consolidated
Participating Area -
Pictured Cliffs Formation,
Effective November 1, 1956

Dear Mr. Porter:

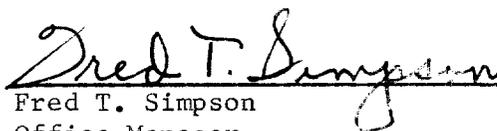
We are enclosing one copy of the First Expansion of Consolidated Pictured Cliffs Participating Area of the Huerfanito Unit which was approved by you on March 5, 1956.

1957 Jan
The United States Geological Survey Office in Roswell requested that we submit the original copy of the application showing your written signature.

We would greatly appreciate obtaining another copy from you with your signature showing such approval.

With best wishes, I am

Yours very truly,


Fred T. Simpson
Office Manager

FTS:bk
Enclosure

286

March 5, 1957

In reply refer to:
Unit Division

Mr. J. Glenn Turner
1700 Mercantile Bank Building
Dallas, Texas

Re: Huerfanito Unit Area -
First Expansion Consolidated
Participating Area -
Pictured Cliffs Formation,
Effective November 1, 1956

Dear Sir:

We are enclosing one copy of the First Expansion of the Consolidated Pictured Cliffs Participating Area of the Huerfanito Unit, which was approved by the Commissioner of Public Lands March 5, 1956.

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

Very truly yours,

MURRAY C. MORGAN
Commissioner of Public Lands

MEM:MMP/m
enc: 2

cc: USGS-Roswell
OCC-Santa Fe

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

March 4, 1957

C
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Y

Mr. J. Glenn Turner
1700 Mercantile Bank Building
Dallas, Texas

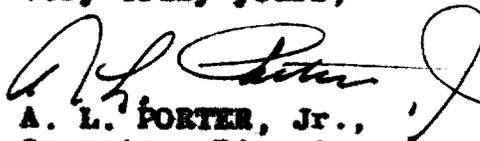
Re: Huerfanito Unit Area
San Juan County, N. M.
First Expansion
Consolidated Pictured Cliffs
Participating Area

Dear Sir:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the first expansion of the Consolidated Pictured Cliffs Participating Area for the above-captioned unit area, subject to like approval by the United States Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the expansion is returned herewith.

Very truly yours,


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

ALP/DSN/ir

Enclosure

bcc - USGS - Roswell
Commissioner of Public Lands - Santa Fe

J. GLENN TURNER

OIL AND GAS-INVESTMENTS
17TH FLOOR MERCANTILE BANK BUILDING
DALLAS 1, TEXAS

February 19, 1957

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

return to J. Glenn Turner

Re: Huerfanito Unit Area
I-Sec. No. 943
San Juan County, New Mexico

Dear Sir:

Please find enclosed herewith application of J. Glenn Turner as Unit Operator of the captioned Unit Area for the First Expansion of Pictured Cliffs Consolidated Participating Area.

Your early consideration and approval of the requested expansion will be greatly appreciated.

Yours very truly,

J. Glenn Turner

J. Glenn Turner

JGT:bk
Enclosures

J. G L E N N T U R N E R

1700 Mercantile Bank Building
Dallas, Texas

February 15, 1957

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Mr. E. S. Walker
Commissioner of Public Lands
State of New Mexico
Santa Fe, New Mexico

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

Re: Huerfanito Unit Area
I-Sec. No. 943
San Juan County, New Mexico
First Expansion
Consolidated Participating Area
Pictured Cliffs Formation
Effective November 1, 1956

Gentlemen:

Pursuant to Section 11 of the Huerfanito Unit Agreement, approved June 2, 1952 by the Director of the United States Geological Survey, J. Glenn Turner, as Unit Operator of such Unit herewith submits, for approval, the First Expansion of Consolidated Participating Area for the Pictured Cliffs Formation. It is the belief of the Unit Operator that the wells hereinafter specified are capable of producing unitized substances in paying quantities and based thereon, the Unit Operator is of the opinion that the following described unitized land is reasonably proved to be productive of unitized substances in paying quantities:

Township 27 North, Range 9 West, N.M.P.M.

Section 22: E/2
Section 23: SW/4

containing 480 acres, more or less.

The wells upon which such determination is based are as follows:

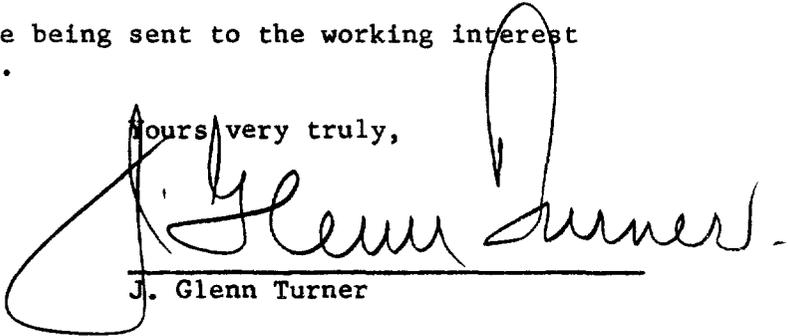
The Huerfanito Unit Well No. 54-22 located 870' from the South line and 1675' from the East line of Section 22, Township 27 North, Range 9 West, San Juan County, New Mexico, was spudded on May 31, 1956, and reached a total depth of 2,293' in the Pictured Cliffs Formation. On October 9, 1956 the Pictured Cliffs Formation between 2,175' and 2,197' was sand fraced through perforations with 17,500 gallons of water and 30,000 pounds of sand. After being shut-in for twenty-one days, the well was tested on November 1, 1956 and after a three hour blowdown gauged 136 MCFGPD, with a SICP of 639 psig and a SITP of 639 psig DWT.

The Huerfanito Unit Well No. 55-23 located 1640' from the South line and 1190' from the West line of Section 23, Township 27 North, Range 9 West, San Juan County, New Mexico, was spudded on April 27, 1956, and reached a total depth of 2,340' in the Pictured Cliffs Formation. On October 20, 1956 the Pictured Cliffs Formation between 2,213' and 2,225' was sand fraced through perforations with 18,640 gallons of water and 30,000 pounds of sand. After being shut-in for ten days, the well was tested on November 1, 1956 and after a three hour blowdown gauged 1,308 MCFGPD, with a SICP of 694 psig and a SITP of 694 psig DWT.

The Huerfanito Unit Well No. 53-22 located 1720' from the North line and 1370' from the East line of Section 22, Township 27 North, Range 9 West, San Juan County, New Mexico, was spudded on June 1, 1956, and reached a total depth of 2,391' in the Pictured Cliffs Formation. On October 26, 1956 the Pictured Cliffs Formation between 2,275' and 2,304' and 2,312' and 2,316' was sand fraced through perforations with 19,900 gallons of water and 30,000 pounds of sand. After being shut-in for ten days, the well was tested on November 7, 1956 and after a three hour blowdown gauged 194 MCFGPD, with a SICP of 595 psig and a SITP of 596 psig DWT.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,

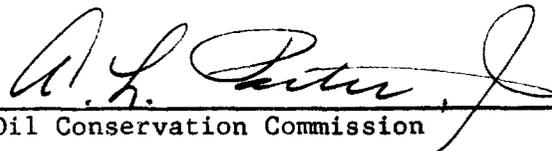

J. Glenn Turner

APPROVED: _____ Date: _____
Director, United States Geological Survey

Subject to like approval by the appropriate State Officials.

APPROVED: _____ Date: _____
Commissioner of Public Lands

Subject to like approval by the U. S. G. S. and the Oil Conservation Commission.

APPROVED:  Date: 3-5-57
Oil Conservation Commission

Subject to like approval by the U. S. G. S. and the Commissioner of Public Lands.

Benson-Montin-Greer Drilling Corporation
2808 First National Building
Oklahoma City, Oklahoma

Albert R. Greer
315½ Main Street
Farmington, New Mexico

O. J. Lilly
211½ West Main Street
Farmington, New Mexico

K. E. McAfee
1316 Liberty Bank Building
Oklahoma City, Oklahoma

Montin-Benson Corporation
2808 First National Building
Oklahoma City, Oklahoma

C. F. Stringer
P. O. Box 542
Farmington, New Mexico

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Skelly Oil Company
Post Office Box No. 1650
Tulsa, Oklahoma

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

286

March 4, 1957

Mr. J. Glenn Turner
1700 Mercantile Bank Building
Dallas, Texas

Re: Huerfanito Unit Area
San Juan County, N. M.
First Expansion
Consolidated Pictured Cliffs
Participating Area

Dear Sir:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the first expansion of the Consolidated Pictured Cliffs Participating Area for the above-captioned unit area, subject to like approval by the United States Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the expansion is returned herewith.

Very truly yours,

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

ALP/DSN/ir

Enclosure

bcc - USGS - Roswell
Commissioner of Public Lands - Santa Fe

C
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Y

DSW

286

J. GLENN TURNER

1700 Mercantile Bank Bldg.
Dallas, Texas

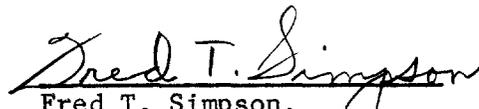
January 17, 1957

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

Dear Mr. Porter:

Enclosed please find revision reflecting change of ownership on Tract 20, lease serial number I-149-Ind-8473, which should be inserted in your Huerfanito Unit Area schedule for Consolidation of Pictured Cliffs Participating Areas effective May 1, 1956. The three pages are numbers 55, 56 and 57-c and replace those of the same numbers which have been mailed to you previously.

Yours very truly,


Fred T. Simpson,
Office Manager

FTS:bk
Enclosures

HUERFANITO UNIT AREA

CONSOLIDATION OF PICTURED CLIFFS PARTICIPATING AREAS

Effective May 1, 1956

SERIAL NUMBER	DRILLING BLOCK	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP AND PERCENTAGE		COMMITTED	PARTICIPATION	MAXIMUM POSSIBLE PARTICIPATION	PRESENT ACTUAL PARTICIPATION
			Tract No. 20					
I-149								
Ind-8473	T 27 N, R 9 W Sec. 25: NW/4	160.00						
	Royalty Owners:							
	Es-ska-la-pye		4.1666%	4.1666%		1.784646%	1.784646%	
	Lin-ne-bah or Clara Curley		4.1667%	4.1667%		.074361%	.074361%	
	Martin Hanotah or George Curley		4.1667%	4.1667%		.074360%	.074360%	
	Working Interest Owners:							
	J. Glenn Turner		71.2500%	71.2500%		1.271560%	1.271560%	
	William G. Webb		3.7500%	3.7500%		.066924%	.066924%	
	ORR Owner:							
	Magnolia Petroleum Company		12.5000%	12.5000%		.223081%	.223081%	
			100.0000%	100.0000%		1.784646%	1.784646%	
Magnolia- Curley No. 1 Well	Sec. 25: NW/4	160.00			100.0000%	1.784646%	1.784646%	

HURFANITO UNIT AREA
 RECAPITULATION OF CONSOLIDATION OF PICTURED CLIFFS PARTICIPATING AREAS
 Effective May 1, 1956

(Continued from Page 57-b)

TRACT NO.	ACRES	COMMITTED ACRES	TRACT PARTICIPATION	WORKING INTEREST PARTICIPATION		ROYALTY PARTICIPATION		OVERRIDING ROYALTY PARTICIPATION		PRODUCTION PAYMENT PARTICIPATION		W. I. OWNERS
				%	% OF PRODUCTION	%	% OF PRODUCTION	%	% OF PRODUCTION	%	% OF PRODUCTION	
17	40.00	40.00	.446162%	42.94665%	.191612%	12.50%	.055770%	20.865625%	.093094%	2.734375%	.012200%	J. Glenn Turner (1) William G. Webb (1) Montin-Benson Corp(1) Benson-Montin-Greer Drilling Corp. (1) Albert R. Greer (1) K. E. McAfee (1) C. F. Stringer (1) O. J. Lilly (1)
18	160.00	160.00	1.784647%	71.25%	1.271561%	12.50%	.223081%	12.50%	.223081%			J. Glenn Turner William G. Webb
19	160.00	160.00	1.784647%	57.890625%	1.033144%	12.50%	.223081%	6.25%	.111540%			J. Glenn Turner Benson-Montin-Greer Drilling Corp. William G. Webb
20	320.00	320.00	3.569293%	71.25%	2.543121%	12.50%	.446162%	12.50%	.446162%			J. Glenn Turner William G. Webb
	<u>8,965.36</u>	<u>8,965.36</u>	<u>100.000000%</u>		<u>73.398428%</u>		<u>12.500000%</u>		<u>14.089372%</u>		<u>.012200%</u>	

El Paso Natural Gas Company

El Paso, Texas

October 23, 1956

Oil Conservation Commission
of the State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Re: Huerfano Unit Area
San Juan County, New Mexico
Tract No. 142

Gentlemen:

You will find enclosed herewith one (1) copy of a Ratification and Joinder of the Huerfano Unit Agreement that has been executed by Barbara Irene McConnell and by J. W. McConnell, Jr., Executor of the estate of W. O. McConnell, deceased, whereby they commit the 4.2875% production payment that they own in the above captioned tract to the Huerfano Unit.

We respectfully ask that you process this Ratification in such a manner so that this interest in Tract No. 142 will be effectively committed to the Huerfano Unit.

Very truly yours,

Joe W. Cherry
Area Landman
Lease Department

JWC:WIC:pb
encl.

RATIFICATION AND JOINDER OF UNIT AGREEMENT

In consideration of the execution of the Unit Agreement for the Development and Operation of the Huerfano Unit Area located within the County of San Juan State of New Mexico in form approved on behalf of the Secretary of the Interior, the undersigned owners of lands or leases, or interests therein or royalties presently held or which may arise under existing option agreements, or other interests in production covered by said Unit Agreement hereby severally, each to the extent of his or her particular ownership or interest, as may appear, consent to the inclusion of said lands within the Unit Area therein defined, ratify, approve and adopt the terms of said Unit Agreement and any modifications thereof approved by the Secretary of the Interior or his duly authorized representative as applicable to said several lands and interests, agree that the term of any lease given by the undersigned or under which the undersigned claims an interest herein is extended and modified to the extent necessary to make the same conform to the terms of said Unit Agreement, agree that the drilling, development and producing requirements of all leases and other contracts in which their several rights and interests are created or defined shall be deemed fully performed by performance of the provisions of said Unit Agreement, and agree that payment for or delivery of (whichever may be required under prior agreements) oil and gas duly made at contract rates applied to the production allocated under said Unit Agreement to the particular lands to which such rights or interests do or shall apply, regardless of actual production therefrom, shall constitute full performance of all such obligations to the undersigned existing under such leases or other contracts. This Ratification is effective only as to the lands described hereinbelow.

This Ratification and Joinder of Unit Agreement may be executed in any number of counterparts with the same force and effect as if all parties had signed the same document and shall be binding upon all those who execute a counterpart hereof, regardless of whether or not it is executed by all other parties owning or claiming an interest in the lands affected hereby, and when so executed shall be binding upon the undersigned, his or her assigns or successors in interest.

Township 26 North, Range 9 West, N.M.P.M.

Section 22: S/2 NE/4, SE/4 NW/4

<u>ADDRESS</u>	<u>SIGNATURE</u>
_____	<u>Barbara Irene McConnell</u> Barbara Irene McConnell
_____	<u>Barbara Ann McConnell Bruss</u> Barbara Ann McConnell Bruss
Date: <u>7-21-56 7-21-56</u>	<u>J. W. McConnell, Jr.</u> J. W. McConnell, Jr., Executor of the Estate of W. O. McConnell, deceased
_____	_____
_____	_____
Date: _____	_____

Tract Number 142

APPROVED AND CONSENTED TO:
EL PASO NATURAL GAS COMPANY
By Art. [Signature]
Vice President
UNIT OPERATOR

1-21-1960

On this 21 day of July, 1956, before me appeared J. S. McCormill, Jr., to me personally known to be the person described in and who executed the foregoing instrument and acknowledged to me that he executed the same as his free act and deed and in the capacity therein stated.

I, [Signature], have hereto set my hand and affixed my official seal the day and year in this certificate first above written.

[Signature]
Notary Public in and for
[County] County, State of [State]

(1-21)

1-21-1960

Notary Public in and for _____
County, _____
State of _____

STATE OF New Mexico }
COUNTY OF San Juan } SS.:

On this 24 day of July, 1956, before me appeared Barbara Irene McCormill and a widow ~~his~~ she wife, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged to me ~~they~~ she executed the same as ~~their~~ her free act and deed.

My Commission expires:
5-17-58

[Signature]
Notary Public in and for _____
San Juan County,
State of New Mexico

STATE OF New Mexico }
COUNTY OF Bernalillo } SS.:

On this 25 day of July, 1956, before me personally appeared Barbara Ann McCormill Russ, a single person, to me known to be the person described in and who executed the foregoing instrument, and acknowledged to me that she executed the same as her free act and deed.

My Commission expires:
Sept. 25-1956

[Signature]
Notary Public in and for _____
Bernalillo County,
State of New Mexico

Approved and accepted this 22th day of September, 1956:

J. Glenn Turner
J. Glenn Turner
Working Interest Owner

Approved and accepted this 15th day of October, 1956:

William G. Webb
William G. Webb
Working Interest Owner

Approved and accepted this 16 day of Sept, 1956:

Albert R. Greer
Albert R. Greer
Working Interest Owner

Approved and accepted this 11 day of Sept, 1956:

O. J. Lilly
O. J. Lilly
Working Interest Owner

Approved and accepted this 6 day of September, 1956:

K. E. McAfee
K. E. McAfee
Working Interest Owner

Approved and accepted this 11 day of September, 1956:

C. F. Stringer
C. F. Stringer
Working Interest Owner

Approved and accepted this 6 day of Sept, 1956:

MONTIN-BENSON CORPORATION
By Carl A. Benson
Vice President
Working Interest Owner

Approved and accepted this 6 day of Sept, 1956:

BENSON-MONTIN-GREEN DRILLING CORP.
By [Signature]
Vice President
Working Interest Owner

J. GLENN TURNER

OIL AND GAS-INVESTMENTS
17TH FLOOR MERCANTILE BANK BUILDING
DALLAS 1, TEXAS

September 18, 1956

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

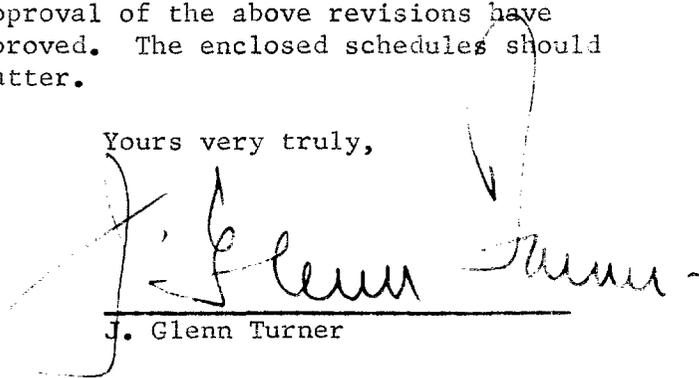
Re: (Huerfanito Unit Area)
San Juan County, New Mexico
I-Sec. No. 943

Dear Mr. Porter:

Please find enclosed herewith five copies of allocation schedules and plat maps for the fourth, fifth and sixth revisions of Pictured Cliffs participating area "A", the seventh, eighth and ninth revisions of Pictured Cliffs participating area "B" and consolidation of participating areas "A" and "B" which were approved by the Director of the United States Geological Survey on July 31, 1956.

Applications for approval of the above revisions have been filed previously and approved. The enclosed schedules should complete your files on the matter.

Yours very truly,


J. Glenn Turner

JGT:bk
Enclosures

case
286

MAIN OFFICE OCC

1955 JUL 13 PM 1:27

July 12, 1956

In reply refer to:
Unit Division

f 6

Turner, White, Atwood, McLane and Francis
Attorneys and Counselors at Law
17th Floor Mercantile Bank Building
Dallas 1, Texas

Re: Consolidation - Pictured Cliffs
Participating Area,
Huerfanito Unit Area -
San Juan County, New Mexico

Attention: Mr. William G. Webb
Dallas 1, Texas

Gentlemen:

We are enclosing two copies of the Consolidation -
Pictured Cliffs Participating Area for the Huerfanito Unit
Agreement, which was approved by the Commissioner of
Public Lands July 12, 1956, subject to like approval by
the United States Geological Survey and the New Mexico
Oil Conservation Commission.

Very truly yours,

E. S. WALKER
Commissioner of Public Lands

MMR/m
enc: 2

cc: USGS-Roswell
OCC-Santa Fe

Case 986

MAIN OFFICE 000

TURNER, WHITE, ATWOOD, McLANE AND FRANCIS

ATTORNEYS AND COUNSELORS AT LAW

17TH FLOOR MERCANTILE BANK BUILDING

DALLAS 1, TEXAS

July 12, 1956

J. GLENN TURNER
W. D. WHITE
FELIX ATWOOD
ALFRED E. McLANE
EDWARD L. FRANCIS
JAMES B. FRANCIS
JULIAN M. MEER
TREVOR REES-JONES
HARRY S. WELCH
THOS R. HARTNETT III
H. L. HITCHINS, JR.
WILLIAM L. McSINERNEY
WILLIAM G. WEBB
LEWIS CHANDLER
SNOWDEN M. LEFTWICH, JR.
WILLIAM C. HERNDON, JR.
THOMAS B. McELROY
DAVID P. SMITH

file

Mr. A. L. Porter, Jr.
Secretary-Director
New Mexico Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

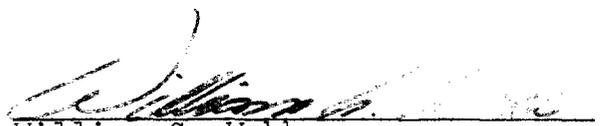
Re: Consolidation Pictured Cliffs
Participating Areas (Huerfanito Unit Area,
San Juan County, New Mexico)

Dear Mr. Porter:

This will acknowledge receipt of your letter dated July 9, 1956 enclosing two approved copies of the subject consolidation as the same has been approved by the Oil Conservation Commission.

We wish to take this opportunity to thank you for your expeditious attention hereto and with best wishes, I am

Yours very truly,


William G. Webb

WGW:mch
cc: Mr. T. F. Thompson
Mr. Roland L. Hamblin



SKELLY OIL COMPANY

TULSA 2, OKLAHOMA

LAND AND LEASE DEPARTMENT

- A. L. CASHMAN, VICE PRESIDENT
- D. N. HILL, MGR. CENTRAL DIVISION
- A. J. O'ROURKE, MGR. NORTHERN DIVISION
- W. W. SIMPSON, MGR. SOUTHERN DIVISION
- T. F. THOMPSON, MGR. LEASE RECORDS

July 12, 1956

no answer required Jan

Director
 United States Geological Survey
 Department of the Interior
 Washington, D. C.

Mr. E. S. Walker
 Commissioner of Public Lands
 State of New Mexico
 Santa Fe, New Mexico

file

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

Re: Huerfanito Unit Area
~~I- Sec. No. 943~~
 San Juan County, New Mexico
 Pictured Cliffs Formation

Gentlemen:

Reference is made to our letter dated May 9, 1956, addressed and captioned as above, wherein Skelly Oil Company protested the granting of eight (8) certain Applications theretofor filed by J. Glenn Turner, as Unit Operator of captioned Unit Area.

By letter dated June 6, 1956, Skelly Oil Company joined with J. Glenn Turner, as Unit Operator, and with all other working interest owners in captioned Unit Area in an Application for consolidation of Participating Areas "A" and "B", as same are expanded up to May 1, 1956, effective as of May 1, 1956.

In consideration of the Application for and consent of all working interest owners to consolidation of Participating Areas "A" and "B", effective as of May 1, 1956, Skelly Oil Company,

Page 2
July 12, 1956

subject to final approval by all Government authorities having jurisdiction in the premises, hereby withdraws said protest of May 9, 1956.

Yours very truly,
SKELLY OIL COMPANY

By 
T. F. Thompson

TFT/b

cc: Mr. J. Glenn Turner
17th Floor Mercantile Bank Building
Dallas, Texas

El Paso Natural Gas Company
Box 1492
El Paso, Texas

Benson-Montin-Greer Drilling Corporation
1501 Republic Building
Oklahoma City, Oklahoma

Montin-Benson Corporation
1501 Republic Building
Oklahoma City, Oklahoma

Mr. Albert R. Greer
315½ West Main
Farmington, New Mexico

Mr. K. E. McAfee
1316 Liberty Bank Building
Oklahoma City, Oklahoma

Mr. C. F. Stringer
301 East Hopi
Farmington, New Mexico

Mr. O. J. Lilly
Box 185
Farmington, New Mexico

Mr. William G. Webb
17th Floor Mercantile Bank Building
Dallas, Texas

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

July 9, 1956

Case 12-876

C

Mr. J. Glenn Turner
17th Floor
Mercantile Bank Building
Dallas 1, Texas

file

O

Re: Huerfano Unit Area
San Juan County, New Mexico
Consolidation of Participating
Areas.

P

Dear Sir:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the consolidation of Participating Area A and Participating Area B for the Pictured Cliffs formation in the subject Unit Area, dated June 6, 1956, subject to like approval by the United States Geological Survey and by the Commissioner of Public Lands of the State of New Mexico.

Two approved copies of the consolidation are returned herewith.

Y

Very truly yours,

ALP:DSN:ds

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

cc: U. S. Geological Survey - Roswell

Commissioner of Public Lands - Santa Fe

MAIN OFFICE 900

JUN 6 11:25

June 6, 1956

Director
United States Geological Survey
United States Department of the Interior
Washington 25, D. C.

Commissioner of Public Lands
of the State of New Mexico
Post Office Box 791
Santa Fe, New Mexico

New Mexico Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

Re: Huerfanito Unit Area
I-Sec. No. 943
San Juan County, New Mexico

Gentlemen:

Effective as of March 3, 1953, the original Participating Area for the Pictured Cliffs Formation was approved, on June 4, 1954, by the governmental authorities having jurisdiction. Thereafter two expansions, effective October 1, 1953 and December 1, 1953, of such Participating Area were approved whereby the original Participating Area was expanded so that the same included all of the following described lands:

Township 27 North, Range 9 West, N.M.P.M.

Section 23: E/2
Section 24: W/2
Section 25: W/2
Section 26: NE/4

containing 1,120 acres, more or less.

Effective as of the date of first production from the following described lands, the applicable governmental authorities approved the establishment of Participating Area B for the Pictured Cliffs Formation in such Unit Area, and same remained in effect without revision down to June 1, 1955. The area covered by such Participating Area B was as follows:

Township 26 North, Range 9 West, N.M.P.M.

Section 3: SW/4
Section 10: N/2
Section 11: N/2
Section 12: All

containing 1,440 acres, more or less.

There is now pending, for approval by the applicable governmental authorities, various expansions of said Participating Area B and Participating Area A, which Participating Area A covers the lands first described hereinabove. Such expansions of said Participating Areas are to be effective, when, as and if approved, at dates running from June 1, 1955 to May 1, 1956.

The undersigned, as the owners of all of the working interests in formations down to and including the base of the Pictured Cliffs Formation for the production of natural gas and its associated liquid hydrocarbons underlying the lands within such Unit Area, have concurred in the recommendation of the Unit Operator that each of said Participating Areas be expanded in the manner set forth in his applications, which are now pending approval. It is understood that upon approval of such revisions the lands lying within Participating Area A will cover all of the following described lands:

Township 27 North, Range 9 West, N.M.P.M.

Section 22: W/2
Section 23: E/2
Section 24: W/2
Section 25: W/2
Section 26: NE/4, SW/4
Section 27: All
Section 28: NE/4
Section 35: All
Section 36: All

Township 26 North, Range 9 West, N.M.P.M.

Section 1: NE/4

containing 3,840.06 acres, more or less.

It is further understood that upon approval of such pending revisions the lands covered by Participating Area B will cover all of the following described lands:

Township 27 North, Range 9 West, N.M.P.M.

Section 28: SE/4

Section 33: All

Section 34: All

Township 26 North, Range 9 West, N.M.P.M.

Section 1: NW/4, S/2

Section 2: All

Section 3: All

Section 4: All

Section 10: N/2

Section 11: N/2

Section 12: All

containing 5,125.30 acres, more or less.

Under the terms of Section 11 of the Huerfanito Unit Agreement, dated May 31, 1951, and approved and effective as of June 2, 1952, it is provided that:

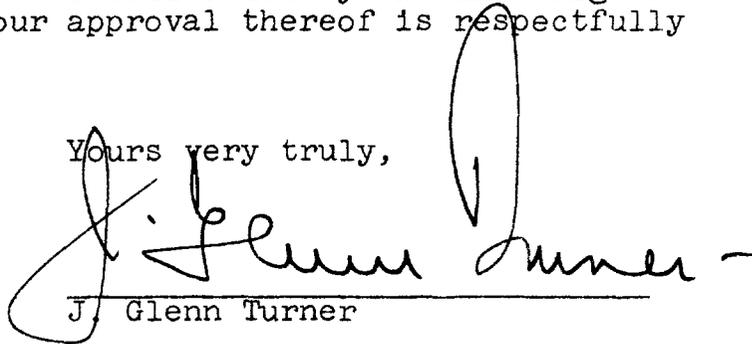
"...any two or more participating areas so established may be combined into one with the consent of the owners of all working interests in the lands within the participating areas so to be combined, and approval of the Director, the State Commissioner and the State Commission."

This letter will evidence the unanimous agreement of the undersigned persons and corporations to the consolidation of said Participating Area A and said Participating Area B as the same are expanded up to May 1, 1956 into one Participating Area for the Pictured Cliffs Formation. Such consolidation is to be effective as of May 1, 1956 and thereafter all production of natural gas and its associated liquid hydrocarbons from said Unit Area from formations lying above the base of the Pictured Cliffs Formation which is from lands within said consolidated Participating Area shall be distributed on such consolidated basis. All lands lying within the Unit Area which are not

included within said Participating Area as of May 1, 1956 shall be subject to being added thereto by successive expansion thereof in accordance with the applicable provisions of the Unit Agreement.

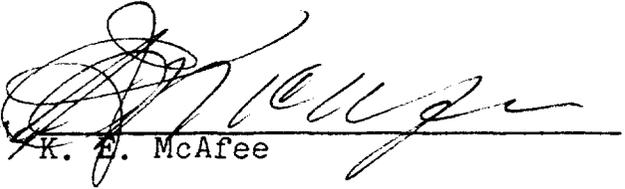
Therefore, in view of the premises and the unanimous consent and approval of said consolidation by the undersigned working interest owners, your approval thereof is respectfully requested.

Yours very truly,

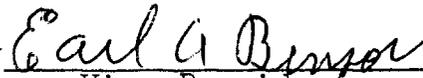

J. Glenn Turner

Unit Operator and Working Interest Owner


Albert R. Greer

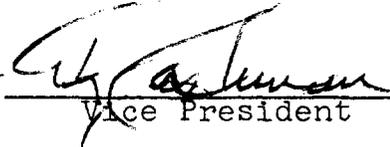

K. E. McAfee

MONTIN-BENSON CORPORATION

By 
Vice President


C. F. Stringer

SKELLY OIL COMPANY

By 
Vice President


William G. Webb

BENSON-MONTIN-GREER DRILLING CORP.

By 
President


O. J. Lilly

EL PASO NATURAL GAS COMPANY

By 
Vice President

Working Interest Owners

APPROVED: _____
Director, United States
Geological Survey

Date: _____

Subject to like approval by the appropriate State Officials.

APPROVED: _____
Commissioner of Public Lands

Date: _____

Subject to like approval by the U. S. G. S. and the
Oil Conservation Commission.

APPROVED: *A. J. Carter*
Oil Conservation Commission

Date: JUL 9 1956

Subject to like approval by the U.S.G.S. and the
Commissioner of Public Lands.

TURNER, WHITE, ATWOOD, McLANE AND FRANCIS

ATTORNEYS AND COUNSELORS AT LAW

17th FLOOR MERCANTILE BANK BUILDING

DALLAS 1, TEXAS

July 5, 1956

MAIL OFFICE 000
200 JUL 10 1956 1:24

J. GLENN TURNER
W. D. WHITE
FELIX ATWOOD
ALFRED E. McLANE
EDWARD L. FRANCIS
JAMES B. FRANCIS
JULIAN M. MEER
TREVOR REES-JONES
HARRY S. WELCH
THOS. R. HARTNETT III
H. L. HITCHINS, JR.
WILLIAM L. MEINERNEY
WILLIAM G. WEBB
LEWIS CHANDLER
SNOWDEN M. LEFTWICH, JR.
WILLIAM C. HERNDON, JR.
THOMAS B. McELROY
DAVID P. SMITH

file

Oil Conservation Commission
of the State of New Mexico
Post Office Box 871
Santa Fe, New Mexico

Attention: Mr. Nutter

Re: Consolidation -- Pictured Cliffs
Participating Areas
Huerfanito Unit Area
San Juan County, New Mexico

Gentlemen:

Please find enclosed herewith three copies of Agree-
ment executed by all of the working interest owners for the
Pictured Cliffs Formation within the Huerfanito Unit Area
evidencing their agreement to the consolidation of Participating
Area A with Participating Area B as of May 1, 1956. The United
States Geological Survey has requested that they be furnished
with evidence of your approval of this matter prior to processing
the copies of same which were today forwarded to them. If you
will, therefore, do us the courtesy of approving at least one
copy of the enclosed Agreement and returning to us at your
earliest convenience in order that we can furnish evidence
thereof to the United States Geological Survey I will greatly
appreciate the courtesy.

With best wishes, I am

Yours very truly,

William G. Webb

William G. Webb

WGW:mch
Enclosures

Case 7-86

June 25, 1956

In reply refer to:
Unit Division

Mr. J. Glenn Turner
17th Floor
Mercantile Bank Building
Dallas 1, Texas

Re: Huerfanito Unit Area,
San Juan County, N. Mex.

Gentlemen:

This is to advise that the Commissioner of Public Lands has this date approved, for the Pictured Cliffs Formation of the Huerfanito Unit, the Third Expansion of Participating Area "A," dated April 20, 1956, effective June 1, 1955, and the First, Second, Third, Fourth, Fifth, and Sixth Expansions of Participating Area "B," dated April 20, 1956, effective June 1, 1955, July 1, 1955, August 1, 1955, September 1, 1955, October 1, 1955, and November 1, 1955, respectively, and the Fourth, Fifth, and Sixth Expansions of Participating Area "A," dated June 8, 1956, and effective November 1, 1955, March 1, 1956, and May 1, 1956, respectively, and the Seventh, Eighth, and Ninth Expansions of Participating Area "B," dated June 8, 1956, and effective January 1, 1956, February 1, 1956, and March 1, 1956.

Approval of all of the aforesaid Expansions of Participating Areas is granted subject to like approval being obtained from the United States Geological Survey and the New Mexico Oil Conservation Commission.

We are sending approved copies of the Expansions to Mr. J. Glenn Turner, in accordance with our understanding with Mr. Daniel S. Nutter of the New Mexico Oil Conservation Commission.

Very truly yours,

E. S. WALKER
Commissioner of Public Lands

MMR/m
Enclosures

cc: USGS-Roswell
OCC-Santa Fe

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

June 22, 1956

286

C
O
P
Y

Mr. J. Glenn Turner
17th Floor
Mercantile Bank Building
Dallas 1, Texas

Re: Huerfanito Unit Area
San Juan County, New
Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved, for the Pictured Cliffs Formation of the Huerfanito Unit, the Third Expansion of Participating Area "A", dated April 20, 1956, effective June 1, 1955, and the First, Second, Third, Fourth, Fifth, and Sixth Expansions of Participating Area "B", dated April 20, 1956, effective June 1, 1955, July 1, 1955, August 1, 1955, September 1, 1955, October 1, 1955, and November 1, 1955, respectively, and the Fourth, Fifth, and Sixth Expansions of Participating Area "A", dated June 8, 1956, and effective November 1, 1955, March 1, 1956, and May 1, 1956, respectively, and the Seventh, Eighth, and Ninth Expansions of Participating Area "B", dated June 8, 1956, and effective January 1, 1956, February 1, 1956, and March 1, 1956.

Approval of all of the aforesaid Expansions of Participating Areas is granted subject to like approval being obtained from the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

We are sending approved copies of the Expansions to Mr. E. S. Walker, Commissioner of Public Lands of the State of New Mexico, for his consideration, in accordance with the June 21, 1956 telephone conversation of Mr. William G. Webb of your office and Mr. Daniel S. Nutter of this office.

Very truly yours,

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

ALP:DSN:ds

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

276

J. GLENN TURNER

1700 Mercantile Bank Building
Dallas, Texas

June 8, 1956

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Mr. E. S. Walker
Commissioner of Public Lands
State of New Mexico
Santa Fe, New Mexico

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

Re: Huerfanito Unit Area
I-Sec. No. 943
San Juan County, New Mexico
Ninth Expansion
Participating Area Number B
Pictured Cliffs Formation
Effective March 1, 1956

Gentlemen:

Pursuant to Section 11 of the Huerfanito Unit Agreement, approved June 2, 1952 by the Director of the United States Geological Survey, J. Glenn Turner, as Unit Operator of such Unit herewith submits, for approval, the Ninth Expansion of Participating Area Number B for the Pictured Cliffs Formation. It is the belief of the Unit Operator that the well hereinafter specified is capable of producing unitized substances in paying quantities and, therefore, respectfully requests your approval of same.

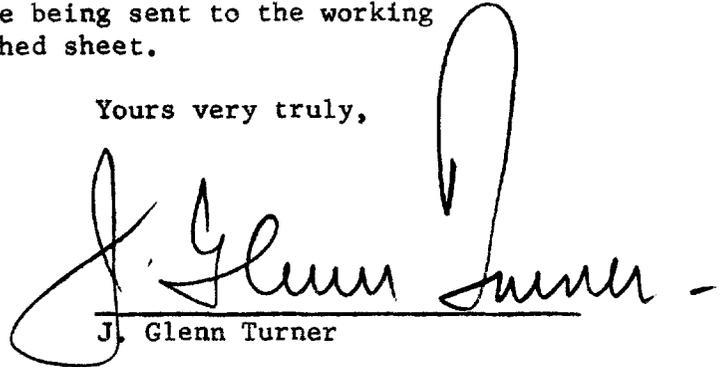
The well upon which such determination is based is as follows:

The Huerfanito Unit Well No. 38-28 located 1,150' from the South line and 1,520' from the East line of Section 28, Township 27 North, Range 9 West, San Juan County, New Mexico, was spudded on February 24, 1956 and reached a

total depth of 2,425' in the Pictured Cliffs Formation. On March 12, 1956 the Pictured Cliffs Formation between 2,365' and 2,425' was shot with solidified nitroglycerin. On March 14, 1956 the Pictured Cliffs Formation between 2,349' and 2,425' was treated with 17,500 gallons diesel oil, 27,500 pounds of sand and 30 gallons Hi-Flo. After being shut-in for eight days, the well was tested on March 25, 1956 and after a three hour blowdown gauged 105 MCFGPD, with a SICP of 597 psig and SITP of 597 psig. DWT.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,



J. Glenn Turner

JGT:bk

APPROVED: _____ Date: _____
Director, United States Geological
Survey

Subject to like approval by the appropriate State Officials.

APPROVED: _____ Date: _____
Commissioner of Public Lands

Subject to like approval by the U. S. G. S. and the Oil
Conservation Commission.

APPROVED: *A. H. Siler* Date: JUN 25 1936
Oil Conservation Commission

Subject to like approval by the U. S. G. S. and the Commissioner
of Public Lands.

Benson-Montin-Greer Drilling Corporation
2808 First National Building
Oklahoma City, Oklahoma

Albert R. Greer
315½ Main Street
Farmington, New Mexico

O. J. Lilly
211½ West Main Street
Farmington, New Mexico

K. E. McAfee
1316 Liberty Bank Building
Oklahoma City, Oklahoma

Montin-Benson Corporation
2808 First National Building
Oklahoma City, Oklahoma

C. F. Stringer
P. O. Box 542
Farmington, New Mexico

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Skelly Oil Company
Post Office Box No. 1650
Tulsa, Oklahoma

286

J. G L E N N T U R N E R

1700 Mercantile Bank Building
Dallas, Texas

June 8, 1956

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Mr. E. S. Walker
Commissioner of Public Lands
State of New Mexico
Santa Fe, New Mexico

Secretary
Oil Conservancy Commission
State of New Mexico
Santa Fe, New Mexico

Re: Huerfanito Unit Area
I-Sec. No. 943
San Juan County, New Mexico
Eighth Expansion
Participating Area Number B
Pictured Cliffs Formation
Effective February 1, 1956

Gentlemen:

Pursuant to Section 11 of the Huerfanito Unit Agreement, approved June 2, 1952 by the Director of the United States Geological Survey, J. Glenn Turner, as Unit Operator of such Unit herewith submits, for approval, the Eighth Expansion of Participating Area Number B for the Pictured Cliffs Formation. It is the belief of the Unit Operator that the wells hereinafter specified are capable of producing unitized substances in paying quantities and, therefore, respectfully requests you approval of same.

The wells upon which such determination is based are as follows:

The Huerfanito Unit Well No. 14-1 located 990' from the South line and 1,450' from the East line of Section 1, Township 26 North, Range 9 West, San Juan County, New Mexico, was spudded on December 9, 1955, and reached a total depth of 2,025' in the Pictured Cliffs Formation.

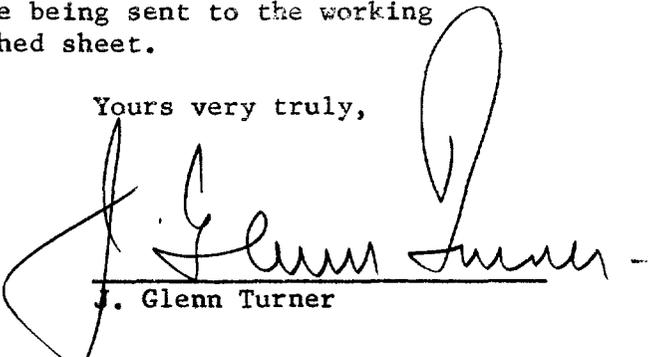
On February 3, 1956 the Pictured Cliffs Formation between 1,962' and 2,025' was shot with solidified nitroglycerin. On February 5, 1956 the Pictured Cliffs Formation between 1,949' and 2,025' was treated with 18,000 gallons diesel oil and 20,000 pounds of sand. After being shut-in for nine days, the well was tested on February 16, 1956 and after a three hour blowdown gauged 1,003 MCFGPD, with a SICP of 643 psig and SITP of 643 psig DWT.

The Huerfanito Unit Well No. 34-34 located 1,900' from the North line and 1,915' from the East line of Section 34, Township 27 North, Range 9 West, San Juan County, New Mexico, was spudded on December 6, 1955 and reached a total depth of 2,448' in the Pictured Cliffs Formation. On January 12, 1956 the Pictured Cliffs Formation between 2,390' and 2,448' was shot with solidified nitroglycerin. On January 13, 1956 the Pictured Cliffs Formation between 2,372' and 2,448' was treated with 17,636 gallons diesel oil, 25,000 pounds of sand and 30 gallon Free-Flow. After being shut-in for seventeen days, the well was tested on February 4, 1956 and after a three hour blowdown gauged 154 MCFGPD with a SICP of 646 psig and SITP of 646 psig DWT.

The Huerfanito Unit Well No. 35-34 located 790' from the North line and 790' from the West line of Section 34, Township 27 North, Range 9 West, San Juan County, New Mexico, was spudded on December 12, 1955, and reached a total depth of 2,334' in the Pictured Cliffs Formation. On January 18, 1956 the Pictured Cliffs Formation between 2,277' and 2,334' was shot with solidified nitroglycerin. On January 20, 1956 the Pictured Cliffs Formation between 2,264' and 2,334' was treated with 17,600 gallons diesel oil and 30,000 pounds of sand. After being shut-in for twelve days, the well was tested on February 4, 1956 and after a three hour blowdown gauged 1,112 MCFGPD, with a SICP of 633 psig and SITP of 633 psig DWT.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,


J. Glenn Turner

APPROVED: _____ Date: _____
Director, United States Geological
Survey

Subject to like approval by the appropriate State Officials.

APPROVED: _____ Date: _____
Commissioner of Public Lands

Subject to like approval by the U. S. G. S. and the Oil
Conservation Commission.

APPROVED: *A. L. Carter* Date: JUN 25 1956
Oil Conservation Commission

Subject to like approval by the U. S. G. S. and the Commissioner
of Public Lands.

Benson-Montin-Greer Drilling Corporation
2808 First National Building
Oklahoma City, Oklahoma

Albert R. Greer
315½ Main Street
Farmington, New Mexico

O. J. Lilly
211½ West Main Street
Farmington, New Mexico

K. E. McAfee
1316 Liberty Bank Building
Oklahoma City, Oklahoma

Montin-Benson Corporation
2808 First National Building
Oklahoma City, Oklahoma

C. F. Stringer
P. O. Box 542
Farmington, New Mexico

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Skelly Oil Company
Post Office Box No. 1650
Tulsa, Oklahoma

J. G L E N N T U R N E R

1700 Mercantile Bank Building
Dallas, Texas

June 8, 1956

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Mr. E. S. Walker
Commissioner of Public Lands
State of New Mexico
Santa Fe, New Mexico

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

Re: Huerfanito Unit Area
I-Sec. No. 943
San Juan County, New Mexico
Seventh Expansion
Participating Area Number B
Pictured Cliffs Formation
Effective January 1, 1956

Gentlemen:

Pursuant to Section 11 of the Huerfanito Unit Agreement, approved June 2, 1952 by the Director of the United States Geological Survey, J. Glenn Turner, as Unit Operator of such Unit herewith submits for approval, the Seventh Expansion of Participating Area Number B for the Pictured Cliffs Formation. It is the belief of the Unit Operator that the wells hereinafter specified are capable of producing unitized substances in paying quantities and, therefore, respectfully requests your approval of same.

The wells upon which such determination is based are as follows:

The Huerfanito Unit Well No. 31-33 located 1,700' from the South line and 990' from the West line of Section 33, Township 27 North, Range 9 West, San Juan County, New Mexico, was spudded on November 5, 1955, and reached a total depth of 2,340' in the Pictured Cliffs Formation.

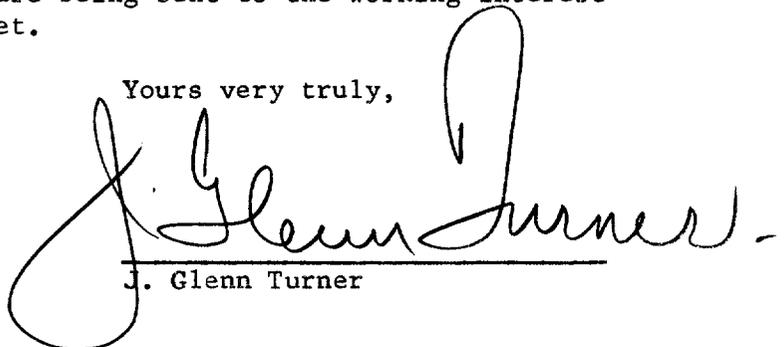
On December 28, 1955, the Pictured Cliffs Formation between 2,294' and 2,340' was shot with solidified nitroglycerin. On December 30, 1955 the Pictured Cliffs Formation between 2,284' and 2,340' was treated with 17,700 gallons diesel oil and 27,500 pounds of sand. After being shut-in for eleven days, the well was tested on January 11, 1956 and after a three hour blowdown gauged 2,193 MCFGPD, with a SICP of 649 psig and SITP of 649 psig DWT.

The Huerfanito Unit Well No. 32-33 located 990' from the North line and 990' from the West line of Section 33, Township 27 North, Range 9 West, San Juan County, New Mexico, was spudded on November 6, 1955, and reached a total depth of 2,363' in the Pictured Cliffs Formation. On January 2, 1956 the Pictured Cliffs Formation between 2,307' and 2,362' was shot with solidified nitroglycerin. On January 4, 1956 the Pictured Cliffs Formation between 2,296' and 2,363' was treated with 17,600 gallons diesel oil and 30,000 pounds of sand. After being shut-in for fourteen days, the well was tested on January 20, 1956 and after a three hour blowdown gauged 331 MCFGPD, with a SICP of 611 psig and SITP of 610 psig DWT.

The Huerfanito Unit Well No. 33-33 located 1,850' from the North line and 1,715' from the East line of Section 33, Township 27 North, Range 9 West, San Juan County, New Mexico, was spudded on November 26, 1955, and reached a total depth of 2,514' in the Pictured Cliffs Formation. On January 8, 1956 the Pictured Cliffs Formation between 2,458' and 2,514' was shot with solidified nitroglycerin. On January 9, 1956 the Pictured Cliffs Formation between 2,447' and 2,514' was treated with 17,500 gallons diesel oil and 35,000 pounds of sand. After being shut-in for ten days, the well was tested on January 20, 1956 and after a three hour blowdown gauged 684 MCFGPD, with a SICP of 649 psig and SITP of 649 psig DWT.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,



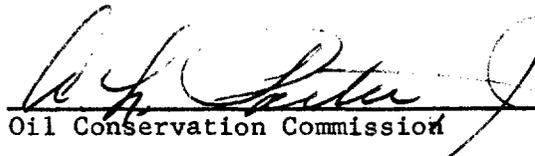
J. Glenn Turner

APPROVED: _____ Date: _____
Director, United States Geological
Survey

Subject to like approval by the appropriate State Officials.

APPROVED: _____ Date: _____
Commissioner of Public Lands

Subject to like approval by the U. S. G. S. and the Oil
Conservation Commission.

APPROVED:  Date: JUN 25 1956
Oil Conservation Commission

Subject to like approval by the U. S. G. S. and the Commissioner
of Public Lands.

Benson-Montin-Greer Drilling Corporation
2808 First National Building
Oklahoma City, Oklahoma

Albert R. Greer
315½ Main Street
Farmington, New Mexico

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El Paso Natural Gas Company
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El Paso, Texas

Skelly Oil Company
Post Office Box No. 1650
Tulsa, Oklahoma

286

J. GLENN TURNER

1700 Mercantile Bank Building
Dallas, Texas

June 8, 1956

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Mr. E. S. Walker
Commissioner of Public Lands
State of New Mexico
Santa Fe, New Mexico

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

Re: Huerfanito Unit Area
I-Sec. No. 943
San Juan County, New Mexico
Sixth Expansion
Participating Area Number A
Pictured Cliffs Formation
Effective May 1, 1956

Gentlemen:

Pursuant to Section 11 of the Huerfanito Unit Agreement, approved June 2, 1952 by the Director of the United States Geological Survey, J. Glenn Turner, as Unit Operator of such Unit herewith submits, for approval, the Sixth Expansion of Participating Area Number A for the Pictured Cliffs Formation. It is the belief of the Unit Operator that the wells hereinafter specified are capable of producing unitized substances in paying quantities and based thereon, the Unit Operator is of the opinion that the following described unitized land is reasonably proved to be productive of unitized substances in paying quantities:

Township 27 North, Range 9 West, N.M.P.M.

Section 26: SW/4
Section 27: NE/4
Section 28: NE/4
Section 36: SE/4

containing 640 acres, more or less.

The wells upon which such determination is based are as follows:

The Huerfanito Unit Well No. 48-26 located 1,380' from the South line and 1,280' from the West line of Section 26, Township 27 North, Range 9 West, San Juan County, New Mexico, was spudded on April 22, 1956, and reached a total depth of 2,285' in the Pictured Cliffs Formation. On May 7, 1956 the Pictured Cliffs Formation between 2,244' and 2,285' was shot with solidified nitroglycerin. On May 10, 1956 the Pictured Cliffs Formation between 2,233' and 2,285' was treated with 17,700 gallons diesel oil and 27,500 pounds of sand. After being shut-in for seven days, the well was tested on May 19, 1956 and after a three hour blowdown gauged 2,282 MCFGPD, with a SICP of 631 psig and SITP of 631 psig DWT.

The Huerfanito Unit Well No. 41-28 located 950' from the North line and 1,770' from the East line of Section 28, Township 27 North, Range 9 West, San Juan County, New Mexico, was spudded on March 18, 1956, and reached a total depth of 2,283' in the Pictured Cliffs Formation. On April 12, 1956 the Pictured Cliffs Formation between 2,233' and 2,283' was shot with solidified nitroglycerin. On April 13, 1956 the Pictured Cliffs Formation between 2,220' and 2,283' was treated with 17,500 gallons diesel oil and 25,000 pounds of sand. After being shut-in for nineteen days, the well was tested on May 5, 1956 and after a three hour blowdown gauged 736 MCFGPD, with a SICP of 628 psig and SITP of 628 psig DWT.

It is the considered opinion of the Unit Operator, based upon sound geological and engineering advice and due to the close correlation of shut-in pressures, that the above described lands, from both geological and engineering viewpoints, should be treated as an expansion of participating area "A", as the same has been heretofore approved. It is submitted that the completion, or substantial completion, of the following described wells subsequent to the effective date of such revision, but prior to the date of this application confirms the Unit Operator's opinion that all of such lands are productive in paying quantities.

The Huerfanito Unit Well No. 47-27 located 1,345' from the North line and 1,575' from the East line of Section 27, Township 27 North, Range 9 West, San Juan County, New Mexico, was spudded on April 25, 1956, and reached a total depth of 2,297' in the Pictured Cliffs Formation. On May 13, 1956 the Pictured Cliffs Formation between 2,225' and 2,297' was shot with solidified nitroglycerin. On May 14, 1956, the Pictured Cliffs Formation between 2,212' and 2,297' was treated with 17,700 gallons diesel oil and 30,000 pounds of sand. After being shut-in for

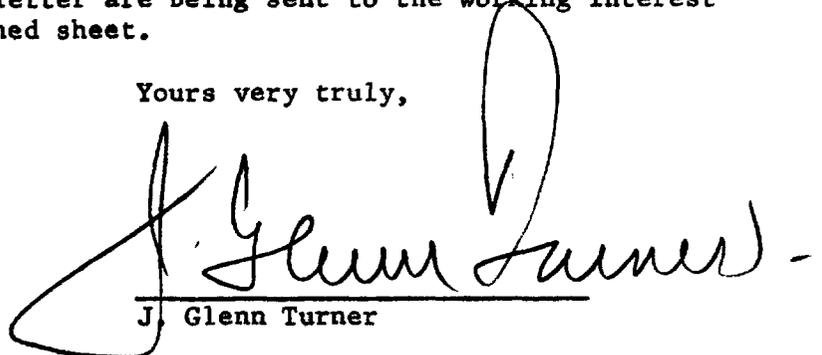
eighteen days, the well was tested on June 2, 1956 and after a three hour blowdown gauged 963 MCFGPD, with a SICP of 658 psig and SITP of 658 psig DWT.

The Huerfanito Unit Well No. 52-36 located 990' from the South line and 1,650' from the East line of Section 36, Township 27 North, Range 9 West, San Juan County, New Mexico, was spudded on April 15, 1956, and reached a total depth of 2,082' in the Pictured Cliffs Formation. On April 26, 1956 the Pictured Cliffs Formation between 2,004' and 2,082' was shot with solidified nitroglycerin. On April 27, 1956, the Pictured Cliffs Formation between 1,992' and 2,082' was treated with 17,900 gallons diesel oil and 30,000 pounds of sand. This well was completed on April 28, 1956, and shut-in for State potential test. Prior to the running of tubing, the well was flowing (5.6" Hg/2") 1,029 MCFGPD. At the date of this letter, the official potential test has not been taken, but it is the belief of the Unit Operator that the test, when made, will prove that the well is capable of commercial production.

As you are aware, all of the working interest owners in the subject Unit Area have heretofore agreed to a consolidation of Participating Area A with Participating Area B, as of May 1, 1956. A formal declaration of this agreement is now being circulated among such working interest owners and the same will be submitted to you as soon as the same has been fully executed. In view of the foregoing facts you may treat this application as either an expansion of Participating Area A or as an expansion of such consolidated Participating Area, in either event to be effective as of May 1, 1956.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,



J. Glenn Turner

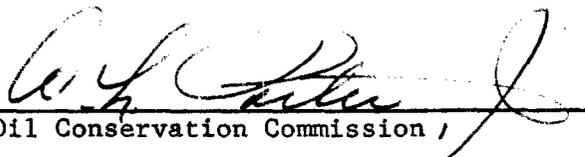
JGT:bk

APPROVED: _____ Date: _____
Director, United States Geological Survey

Subject to like approval by the appropriate State Officials.

APPROVED: _____ Date: _____
Commissioner of Public Lands

Subject to like approval by the U. S. G. S. and the Oil Conservation Commission.

APPROVED:  Date: JUN 25 1956
Oil Conservation Commission

Subject to like approval by the U. S. G. S. and the Commissioner of Public Lands.

Benson-Montin-Greer Drilling Corporation
2808 First National Building
Oklahoma City, Oklahoma

Albert R. Greer
315½ Main Street
Farmington, New Mexico

O. J. Lilly
211½ West Main Street
Farmington, New Mexico

K. E. McAfee
1316 Liberty Bank Building
Oklahoma City, Oklahoma

Montin-Benson Corporation
2808 First National Building
Oklahoma City, Oklahoma

C. F. Stringer
P. O. Box 542
Farmington, New Mexico

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas

Skelly Oil Company
Post Office Box No. 1650
Tulsa, Oklahoma

236
J. GLENN TURNER

1700 Mercantile Bank Building
Dallas, Texas

June 8, 1956

Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Mr. E. S. Walker
Commissioner of Public Lands
State of New Mexico
Santa Fe, New Mexico

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

Re: Huerfanito Unit Area
I-Sec. No. 943
San Juan County, New Mexico
Fifth Expansion
Participating Area Number A
Pictured Cliffs Formation
Effective March 1, 1956

Gentlemen:

Pursuant to Section 11 of the Huerfanito Unit Agreement, approved June 2, 1952 by the Director of the United States Geological Survey, J. Glenn Turner, as Unit Operator of such Unit herewith submits, for approval, the Fifth Expansion of Participating Area Number A for the Pictured Cliffs Formation. It is the belief of the Unit Operator that the wells hereinafter specified are capable of producing unitized substances in paying quantities and based thereon, the Unit Operator is of the opinion that the following described unitized land is reasonably proved to be productive of unitized substances in paying quantities:

Township 27 North, Range 9 West, N.M.P.M.

Section 22: W/2
Section 27: W/2, SE/4

Township 26 North, Range 9 West, N.M.P.M.

Section 1: NE/4

containing 960.06 acres, more or less.

The wells upon which such determination is based are as follows:

The Huerfanito Unit Well No. 11-1 located 990' from the North line and 990' from the East line of Section 1, Township 26 North, Range 9 West, San Juan County, New Mexico, was spudded on February 10, 1956, and reached a total depth of 1,968' in the Pictured Cliffs Formation. On March 21, 1956 the Pictured Cliffs Formation between 1,904' and 1,968' was treated with 18,000 gallons diesel oil and 30,000 pounds of sand. After being shut-in for eight days, the well was tested on March 31, 1956 and after a three hour blowdown gauged 444 MCFGPD, with a SICP of 648 psig and SITP of 648 psig DWT.

The Huerfanito Unit Well No. 43-22 located 1,650' from the South line and 990' from the West line of Section 22, Township 27 North, Range 9 West, San Juan County, New Mexico, was spudded on February 12, 1956 and reached a total depth of 2,379' in the Pictured Cliffs Formation. On March 5, 1956 the Pictured Cliffs Formation between 2,329' and 2,378' was shot with solidified nitroglycerin. On March 6, 1956 the Pictured Cliffs Formation between 2,315' and 2,379' was treated with 10,000 gallons diesel oil and 20,000 pounds of sand. After being shut-in for fifteen days, the well was tested on March 24, 1956 and after a three hour blowdown gauged 381 MCFGPD, with a SICP of 641 psig and SITP of 641 psig DWT.

The Huerfanito Unit Well No. 44-22 located 1,750' from the North line and 990' from the West line of Section 22, Township 27 North, Range 9 West, San Juan County, New Mexico, was spudded on January 18, 1956, and reached a total depth of 2,284' in the Pictured Cliffs Formation. On February 8, 1956 the Pictured Cliffs Formation between 2,215' and 2,284' was treated with 62,000 gallons water and 58,500 pounds of sand. After being shut-in for twenty-four days, the well was tested on March 6, 1956 and after a three hour blowdown gauged 549 MCFGPD, with a SICP of 505 psig and SITP of 505 psig DWT.

The Huerfanito Unit Well No. 39-27 located 1,590' from the South line and 1,780' from the West line of Section 27, Township 27 North, Range 9 West, San Juan County, New Mexico, was spudded on January 10, 1956, and reached a total depth of 2,377' in the Pictured Cliffs Formation. On March 10, 1956 the Pictured Cliffs Formation between 2,322' and 2,377' was shot with solidified nitroglycerin. On March 12, 1956 the Pictured Cliffs Formation between 2,310' and 2,377' was

treated with 17,600 gallons diesel oil and 22,500 pounds of sand. After being shut-in for twelve days, the well was tested on March 25, 1956 and after a three hour blowdown gauged 681 MCFGPD, with a SICP of 649 psig and SITP of 648 psig DWT.

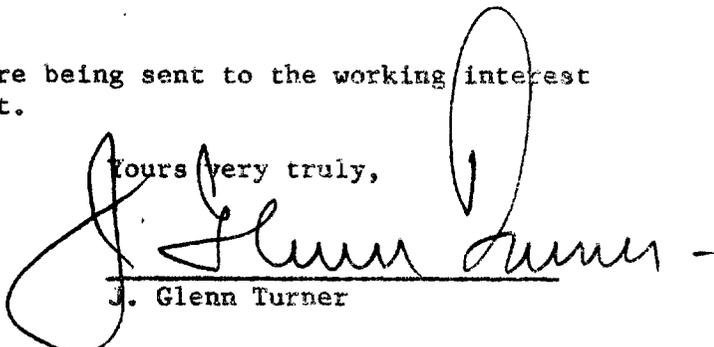
The Huerfanito Unit Well No. 40-27 located 1,585' from the South line and 945' from the East line of Section 27, Township 27 North, Range 9 West, San Juan County, New Mexico, was spudded on January 9, 1956, and reached a total depth of 2,270' in the Pictured Cliffs Formation. On March 17, 1956 the Pictured Cliffs Formation between 2,246' and 2,270' was treated with 14,100 gallons diesel oil and 15,000 pounds of sand. After being shut-in for seven days, the well was tested on March 25, 1956 and after a three hour blowdown gauged 1,014 MCFGPD, with a SICP of 622 psig and SITP of 622 psig DWT.

It is the considered opinion of the Unit Operator, based upon sound geological and engineering advice and due to the close correlation of shut-in pressures, that the above described lands, from both geological and engineering viewpoints, should be treated as an expansion of participating area "A", as the same has been heretofore approved. It is submitted that the completion of the following described well subsequent to the effective date of such revision, but prior to the date of this application confirms the Unit Operator's opinion that all of such lands are productive in paying quantities.

The Huerfanito Unit Well No. 42-27 located 1,845' from the North line and 945' from the West line of Section 27, Township 27 North, Range 9 West, San Juan County, New Mexico, was spudded on March 16, 1956 and reached a total depth of 2,349' in the Pictured Cliffs Formation. On March 26, 1956 the Pictured Cliffs Formation between 2,298' and 2,349' was shot with solidified nitroglycerin. On March 28, 1956 the Pictured Cliffs Formation between 2,285' and 2,349' was treated with 17,600 gallons diesel oil and 28,500 pounds of sand. After being shut-in for six days, the well was tested on April 4, 1956 and after a three hour blowdown gauged 385 MCFGPD, with a SICP of 606 psig and SITP of 606 psig DWT.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,


J. Glenn Turner

APPROVED: _____ Date: _____
Director, United States Geological Survey

Subject to like approval by the appropriate State Officials.

APPROVED: _____ Date: _____
Commissioner of Public Lands

Subject to like approval by the U. S. G. S. and the Oil Conservation Commission.

APPROVED: *A. L. Peter* Date: JUN 25 1958
Oil Conservation Commission

Subject to like approval by the U. S. G. S. and the Commissioner of Public Lands.

Benson-Montin-Greer Drilling Corporation
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