

Drawer 1857
Roswell, New Mexico 88201

January 28, 1964

Skelly Oil Company
P. O. Drawer 730
Hobbs, New Mexico

Attention: Mr. H. E. Aab

Gentlemen:

Your initial plan of development and operation dated January 6, 1964, for the East Bisti unit area, San Juan County, New Mexico, proposing a first stage modified line drive injection pattern as identified on the plat attached to the plan 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,

JOHN A. ANDERSON
Regional Oil & Gas Supervisor

cc:
Washington (w/cy of plan)
Farmington (w/cy of plan)
NMOCC - Santa Fe (ltr. only)
Com. of Public Lands - Santa Fe (ltr. only)



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Grand, 1237

Grand, 1237
Grand, 1237
Grand, 1237

January 8, 1961

Shelly Oil Company
Tulsa
Oklahoma

Attention: Mr. Robert G. Miltz

Continued:

Your letter of December 12 transmits six copies each of revised exhibits A, B, and C-2, East Bluff unit agreement, San Juan County, New Mexico, No. 16-05-001-8351, one original and five copies of a certificate identifying the effective date of the revised exhibits, and six copies of a list of the acknowledged tracts. The exhibits are revised to show working interest ownership corrections and participation factors for each tract qualified pursuant to Section 13 of the unit agreement, as of October 1, 1961, the effective date of the unit agreement.

Copies of the above described exhibits and collateral papers are being distributed to the appropriate Federal offices.

Sincerely yours,

CARL C. THAWICK
Acting Oil and Gas Supervisor

cc:
Washington (w/cy exhibits)
BHM, Santa Fe (w/cy exhibits)
Parrington (w/cy exhibits)
Area Director, Gallup, N. Mex. (2) (w/2 cy. exhibits)
Gen. Pub. Lands, Santa Fe (ltr. only)
MEXC, Santa Fe (ltr. only) ✓
Accounts

Data to Washington: The qualified leases and participation factor listed in Exhibit C-2 have been checked and found to be accurate.

ILLEGIBLE



SKELLY OIL COMPANY

P. O. DRAWER 730
HOBBS, NEW MEXICO

January 6, 1964

Re: East Bisti Unit
San Juan County, New Mexico

Oil Conservation Commission
The State of New Mexico
Capital Annex Building
Santa Fe, New Mexico

Gentlemen:

In accordance with Section 12 of the Unit Agreement for the Development and Operation of the East Bisti Unit, San Juan County, New Mexico, Skelly Oil Company respectfully submits for your approval a preliminary plan of development and operation of the subject Unit. As the Unit did not become effective until October 1, 1963, plans have not been fully developed particularly as to those areas adjacent to unqualified tracts within the Unit area.

Water Source

Water source for this project will be the Allison-Menefee formation found at a depth of approximately 3200 feet. Four wells with a capacity of 6000 barrels per day each will be drilled to furnish an injection capacity of 24,000 barrels per day. Other water sources in the area were considered and found to be uneconomical when compared to the Allison-Menefee.

Injection Facilities

Injection facilities are being designed to inject up to 24,000 barrels per day at a pressure of 1200 psi.

January 6, 1964

All injection lines and injection well tubing will be internally coated to protect them from corrosion. Construction of injection facilities is scheduled to commence as soon as the severe winter weather is past. Twenty-two wells will be converted to injection in a modified line drive pattern as the first stage of development. It is anticipated that additional wells will be converted if satisfactory line well agreements can be negotiated with outside operators. Six wells in the easternmost part of the Unit area will not be converted to injection until performance data from the first stage can be evaluated.

Injection into Unit Well Nos. 1 and 7, which offset Shell's Carson Unit, began in December, 1962, and as of December 28, 1963, 203,532 barrels of water have been injected into both wells. Injection into these wells is continuing.

The attached map shows the arrangement of the proposed injection pattern.

Yours very truly,



H. E. Aab
District Superintendent

WPW:ot
cc-Mr. W. P. Whitmore

Drawer 1357
Roswell, New Mexico 88201

June 10, 1965

Skelly Oil Company
P. O. Box 730
Hobbs, New Mexico

Attention: Mr. H. E. Aab

Gentlemen:

Your 1965 plan of development and operation dated November 13, 1964, for the East Bisti unit, San Juan County, New Mexico, 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,

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

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

MAILED
'65 JUL 20 PM 12

July 12, 1965

Skelly Oil Company
P. O. Box 730
Hobbs, New Mexico

Attention: Mr. H. E. Aab

Re: East Bisti Unit
San Juan County, New Mexico
1965 Plan of Development

Gentlemen:

The Commissioner of Public Lands approves as of July 12, 1965, your 1965 Plan of Development for the East Bisti Unit, San Juan County, New Mexico. This instrument was approved by the United States Geological Survey on June 10, 1965.

We are returning one approved copy of the Plan of Development.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

By:
(Mr.) Ted Bilberry, Director
Oil and Gas Department

GBH/MMR/d
Enclosures

cc: United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico
Attention: Mr. John A. Anderson

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



SKELLY OIL COMPANY

P.O. Box 730, Hobbs, New Mexico
December 16, 1965

Re: East Bisti Unit
San Juan County, New Mexico

Director (6)
United States Geological Survey
P.O. Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands (3)
The State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission (3)
The State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

All Working Interest Owners

Gentlemen:

In accordance with Section 12 of the Unit agreement for the Development and Operation of the East Bisti Unit, San Juan County, New Mexico, Skelly Oil Company respectfully submits for your approval a plan of development and operation of the subject Unit.

PAST OPERATION

The East Bisti Unit became effective October 1, 1963 with Skelly Oil Company as Unit Operator. Injection facilities were constructed and injection of water into 24 injection wells commenced during February, 1965.

Cumulative water injection to November 1, 1965 was 4,193,152 barrels of water. The daily average injection rate during October, 1965 was 17,667 barrels.

Cumulative oil production from the Unit area was 5,946,789 barrels on November 1, 1965. The average daily producing rate during October, 1965 was 525 barrels of oil.

DEVELOPMENT PLANS FOR 1966

Work has been started on cathodically protecting the casing of unit wells from corrosion. This project should be completed during 1966. The Working Interest Owners are presently being balloted for approval of a plan to install LACT and well test facilities to serve the producing wells. This project should also be completed during 1966.

Plans are for the continued injection of water into the present injection wells. It is not anticipated that any additional wells will be converted to injection or any wells will be drilled during 1966.

Yours very truly,
SKELLY OIL COMPANY


H. E. Aab, Chairman

Working Interest Owners Committee

WS/bh



17 JUN 1967

SKELLY OIL COMPANY

P.O. Box 730, Hobbs, New Mexico

November 11, 1966

Re: East Bisti Unit
San Juan County, New Mexico

Director (6)
United States Geological Survey
P.O. Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands (3)
The State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission (3)
The State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

All Working Interest Owners

Gentlemen:

In accordance with Section 12 of the Unit agreement for the Development and Operation of the East Bisti Unit, San Juan County, New Mexico, Skelly Oil Company respectfully submits for your approval a plan of development and operation of the subject Unit for 1967.

PAST OPERATION

The East Bisti Unit became effective October 1, 1963 with Skelly Oil Company as Unit Operator. Injection facilities were constructed and injection of water into 24 injection wells commenced during February, 1965.

Cumulative water injection to November 1, 1966 was 9,816,623 barrels of water. The daily average injection rate during October 1966 was 13,562 barrels.

Cumulative oil production from the Unit area was 6,124,018 barrels on October 1, 1966. The average daily producing rate during September 1966 was 567 barrels of oil.

Work was completed during November 1966 on cathodic protection for well casings of unit wells, water injection lines, and the oil gathering system. LACT and well test facilities were installed during 1966.

DEVELOPMENT PLANS FOR 1967

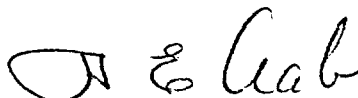
Plans are for the continued injection of water into the present injection wells. It is not anticipated that any additional wells will be converted to injection or

OPERATION & DEVELOPMENT
East Bisti Unit- 11-11-66

Page No. 2

any wells will be drilled for recovery wells during 1967. A study will be made to determine the feasibility of a supplemental water source in order that the injection rate can be increased.

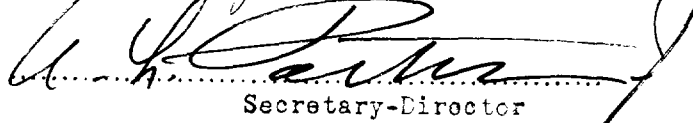
Yours very truly,
SKELLY OIL COMPANY



H. E. Aab, Chairman
Working Interest Owners Committee

FR/hs/bh

Approved.....April 27.....1967



Secretary-Director

NEW MEXICO OIL CONSERVATION COMMISSION



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

April 25, 1967

Skelly Oil Company
P. O. Box 738
Hobbs, New Mexico

Attention: Mr. H. E. Aab

Gentlemen:

Your 1967 plan of development and operation dated November 11, 1966, for the East Bisti unit area, San Juan County, New Mexico, has been approved on this date subject to like approval by the appropriate State officials.

Three approved copies of the plan are enclosed.

Sincerely yours,

(Orig.Sgd.) CARL C. TRAYWICK

CARL C. TRAYWICK
Acting Oil and Gas Supervisor

cc:

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

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO

2048

April 27, 1967

Skelly Oil Company
P. O. Box 730
Hobbs, New Mexico 88240

Attention: Mr. H. E. Aab

Re: 1967 Plan of Development
East Bisti Unit, San Juan
County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1967 Plan of Development dated November 11, 1966, for the East Bisti Unit, San Juan 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/esr
Enclosures

cc: Commissioner of Public Lands
Santa Fe, New Mexico

United States Geological Survey
Roswell, New Mexico

February 9, 1967

Skelly Oil Company
P. O. Box 730
Hobbs, New Mexico

Re: East Bisti Unit
San Juan County,
New Mexico

ATTENTION: Mr. H. E. Aab

Gentlemen:

The Commissioner of Public Lands has this date approved your 1967 Plan of Development, which calls for no additional wells to be converted to injection wells, nor will there be any drilling of recovery wells during 1967, 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.

Very truly yours,

GUYTON B. HAYS

COMMISSIONER OF PUBLIC LANDS

BY:

Ted Bilberry, Director
Oil and Gas Department

GBH/MMR/s

encl. 1.

cc: United States Geological Survey
Roswell, New Mexico

New Mexico Oil Conservation Commission
Santa Fe, New Mexico