

THE BRITISH-AMERICAN OIL PRODUCING COMPANY

DENVER CLUB BUILDING

DENVER 1, COLORADO

PRODUCTION & ENGINEERING DEPT.

May 6, 1965

ADDRESS ALL CORRESPONDENCE TO
POST OFFICE BOX 180

MAY 13 1965

PMX-16

June 2

New Mexico Oil & Gas Conservation Commission
P.O. Box 871
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.
Secretary-Director

Re: Request for Administrative Approval
To Convert Producing Well to
Water Injection Well, West Bisti Unit
San Juan County, New Mexico

Gentlemen:

In accordance with the provisions of Rule 10 of Order R-1638 of the New Mexico Oil & Gas Conservation Commission we hereby solicit administrative approval to convert West Bisti Unit No. 21 located C NW NW Section 34-26N-13W, San Juan County, New Mexico, to a water injection well for the West Bisti Unit pressure maintenance project. The following listed exhibits are attached to support this application:

1. A plat showing location of well proposed for conversion to an injection well and also showing all wells within the project area and offset operators and locating wells which offset the project area.
2. A schematic drawing of the proposed injection well installation and hookup.

A copy of this application has been mailed this date to the offset operators of the proposed injection well. We will appreciate very much receiving approval of this application.

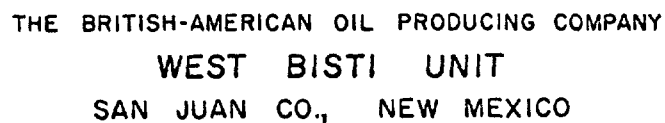
Very truly yours,

THE BRITISH-AMERICAN OIL PRODUCING COMPANY

Thomas M. Hogan
Thomas M. Hogan
District Superintendent

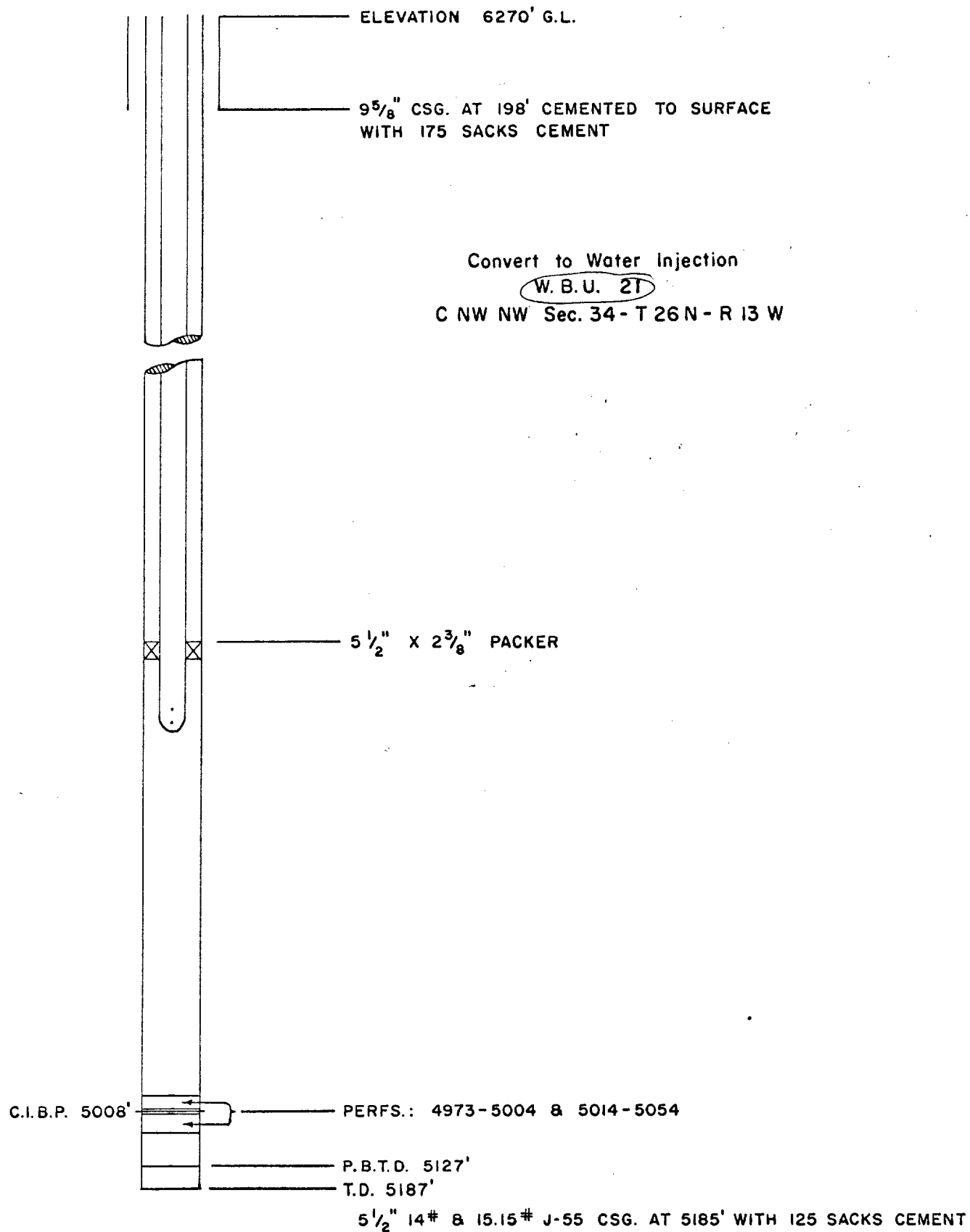
PMC:fms
Enc.

cc: N. R. Stone
Skelly Oil Company, Box 1650, Tulsa, Oklahoma
Skelly Oil Company, Box 510, Farmington, New Mexico
Phillip Petroleum Company, Phillip Bldg., Bartlesville, Oklahoma



The British-American Oil Producing Company

WEST BISTI UNIT
 LOWER GALLUP SAND
 San Juan County, New Mexico





PHILLIPS PETROLEUM COMPANY

BARTLESVILLE, OKLAHOMA 74004

EXPLORATION AND PRODUCTION DEPARTMENT

May 17, 1965

West Bisti Unit,
San Juan County, New Mexico -
Converting Wells to Water Injection

New Mexico Oil & Gas Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

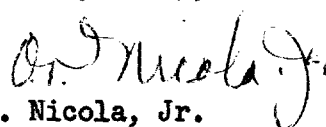
Attention of Mr. A. L. Porter, Jr.

Gentlemen:

The British-American Oil Producing Company has advised this office of its request for approval to convert West Bisti Unit Wells No's. 12 and 21, Sections 34 and 35, Township 26N, Range 13W, San Juan County, New Mexico, to water injection wells.

As an offset operator, this is to advise that we have no objection to the conversion of these wells in connection with the West Bisti Unit pressure maintenance project.

Yours very truly,


O. P. Nicola, Jr.
Director of Proration

OPN:dg

cc: The British-American Oil Producing Company
P. O. Box 180
Denver 1, Colorado

1. The first part of the paper

is devoted to the study of the
properties of the function $f(x)$
defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt$$

for $x \in [0, \infty)$.

It is shown that the function $f(x)$ is
increasing and concave down on the interval
 $[0, \infty)$. Moreover, it is proved that
the function $f(x)$ has a horizontal asymptote
at $y = \frac{\pi}{2}$.

Finally, it is shown that the function $f(x)$
is bounded on the interval $[0, \infty)$ and
that its range is $(0, \frac{\pi}{2})$.

2. The second part of the paper

is devoted to the study of the
function $g(x)$ defined by the equation

$$g(x) = \int_0^x \frac{1}{1+t^2} dt$$



SKELLY OIL COMPANY

P. O. Box 1650
TULSA 2, OKLAHOMA

PRODUCTION DEPARTMENT

C. L. BLACKSHER, VICE PRESIDENT
W. P. WHITMORE, MGR. PRODUCTION
W. D. CARSON, MGR. TECHNICAL SERVICES
ROBERT G. HILTZ, MGR. JOINT OPERATIONS
GEORGE W. SELINGER, MGR. CONSERVATION

May 20, 1965

Re: West Bisti Unit
WBU No. 12 & WBU No. 21
Convert to Water Injection

Mr. A. L. Porter, Jr., Secretary-Director
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Mr. Porter:

As offset operator we waive notice and objection to
British-American receiving administrative approval to convert their
WBU No. 12 and WBU No. 21 to water injection wells.

Yours very truly,

GWS:br

cc-The British-American Oil Producing Co.
P. O. Box 180
Denver, Colorado
Attn: Mr. T. M. Hogan

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION

TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL = Day Letter

NL = Night Letter

International Letter Telegram

(15).

The filing time shown in the date line on domestic telegrams is LOCAL TIME at point of origin. Time of receipt is LOCAL TIME at point of destination

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K DVC176 PD=DENVER COLO 4 1109A MDT=

A L PORTER, NEWMEXICO OIL & GAS CONSERVATION

COMMISSION STATE LAND OFFICE BLDG SANTAFE NMEX=

RESPECTFULLY SOLICIT IMMEDIATE ADMINISTRATIVE APPROVAL
TO CONVERT WEST BISTI UNIT NUMBER 12 AND NUMBER 21
PRODUCING WELLS TO WATER INJECTION WELLS, BISTI FIELD,
SAN JUAN COUNTY NEW MEXICO PER OUR LETTER APPLICATIONS
MAY 6 1965 WORKING INTEREST OWNERS HAVE APPROVED AND
SKELLY OIL AND PHILLIPS THE ONLY OFFSET OPERATORS TO
THE PROPOSED INJECTION WELLS HAVE WRITTEN WAIVER OF
OBJECTION LETTERS TO OUR APPLICATIONS=

THOS M HOGAN BRITISH AMERICAN OIL PRODUCING CO==

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE



30-025-31280

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512FS 1923FW

DOYLE HARTMAN

CARTER EAVES NCT A # 3

ABANDONED