BEFORE THE OIL CONSERVATION DIVISION

IN THE MATTER OF THE APPLICATION OF BCO, INC. and HARRY L. BIGBEE FOR ADMINISTRATIVE APPROVAL OF UNORTHODOX LOCATIONS

NSL-1785

Rule 104 FI

Immediate:
(No waivers necessary)

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APPLICATION

Applicants, BCO, Inc. and Harry L. Bigbee request the Division Director to approve the proposed unorthodox locations described herein and for the reasons herein stated.

- 1. That said proposed wells will permit the completion of an efficient production pattern within the Escrito Gallup Unit area, in that said proposed wells will be drilled approximately 25-50 ft. structurally higher than existing wells where the Mayre Gallup sand has, as a result of prior water injection, become water cut to the extent it is not economically feasible to recover oil from said existing wells in said Mayre zone.
- 2. That attached hereto and marked Exhibit 1 is a copy of a letter of the Commission and the order of this Commission approving said Escrito Gallup Unit.
- 3. That attached hereto and marked Exhibit 2 is a copy of a plat of said Escrito Gallup Unit.
- 4. That attached hereto are the following described exhibits:

(a) Copy of plat of certified survey of proposed Unorthodox location of Unit

Escrito Gullap Vait Well No. 25, marked Exhibit 3.

Escrito Gallap Unit Well No. 25

1920 FSL 3 2120 FEL, Sec. 18, T25N, R70

Rio Arriba Co. N.m.

(b) Copy of plat of certified survey of proposed Unorthodox location of Unit Escrito Galley Well No. 126, marked Exhibit 44 N, R7W, Ris Arriba Co., N.m. Copy of plat of certified survey of (c) proposed Unorthodox location of Unit >Well No. 27, marked Exhibit 5. 1840' FAL 3 330' FEL, Sec. 19, T24N, R7W, Rio Arriba Co., N.M. (d) Copy of plat of certified survey of proposed Unorthodox lcoation of Unit Well No. 28, marked Exhibit 6.
990' FNL \$ 2310' FWL, Sec. 20, T24 N, R7W, R. & Arr. ba Co., N.M. Copy of plat of certified survey of proposed Unorthodox location of Unit Well No. 29, marked Exhibit 7.
1840' FNL 3 800' FEL, Sec. 20, T24H, R7W, Rio Arr. ba Ca That BCO, Inc. is the operator of the Escrito

Gallup Unit and that either BCO, Inc. or Harry L. Bigbee operate and own the oil and bas rights within the adjoining or offsetting proration and spacing units affected by this application.

That it is believed that the drilling of said wells at the proposed Unorthodox locations is required in order to recover the greatest amount of oil from said unit.

WHEREFORE, applicant requests that the Division Director grant an appropriate exception to the applicable well location requirements without notice or hearing in that each of said proposed locations are more than 330 feet from applicable lease and unitized unit boundary and exceeds 10 feet from any subdivision boundary in that said wells permit the completion of an efficient production pattern within the Escrito Gallup secondary recovery project.

Respectfully submitted,

BOO, Inc. and Harry L. Bigbee

Padilla Érnest L.

Attorney for Applicant

P.O. Box 2523

Santa Fe, New Mexico 87501

JACK M. CAMPBELL CHAIRMAN

State of New Mexico

Bil Conserbation Commission

LAND COMMISSIONER
E. S. JOHNNY WALKER
MEMBER

STATE GEOLOGIST A. L. PORTER, JR. SECRETARY - DIRECTOR

P. O. BOX 2088 SANTA FE

December 14, 1964

Mr. Jason Kellahin Kellahin & Fox Attorneys at Law Post Office Box 1769 Santa Fe, New Mexico

Dear Mr. Kellahin:

Enclosed herewith is Commission Order No. R-2796, entered in Case No. 3114, approving the BCO Escrito Gallup Waterflood Project.

Injection is to be through the three authorized injection wells which shall be equipped with 2 3/8-inch tubing and with packers, which shall be set within 100 feet of the uppermost perforation.

As to allowable, our calculations indicate that when all of the authorized injection wells have been placed on active injection, the maximum allowable which this project will be eligible to receive under the provisions of Rule 701-E-3 is 2120 barrels per day.

Please report any error in this calculated maximum allowable immediately both to the Santa Fe office of the Commission and the appropriate district proration office.

In order that the allowable assigned to the project may be kept current, and in order that the operator may fully benefit from the allowable provisions of Rule 701, it behooves him to promptly notify both of the aforementioned Commission offices by letter of any change in the status of wells in the project area, i.e., when active injection commences, when additional injection or producing

Page -2-Mr. Jason Kellahin

wells are drilled, when additional wells are acquired through purchase or unitization, when wells have received a response to water injection, etc.

Your cooperation in keeping the Commission so informed as to the status of the project and the wells therein will be appreciated.

Very truly yours,

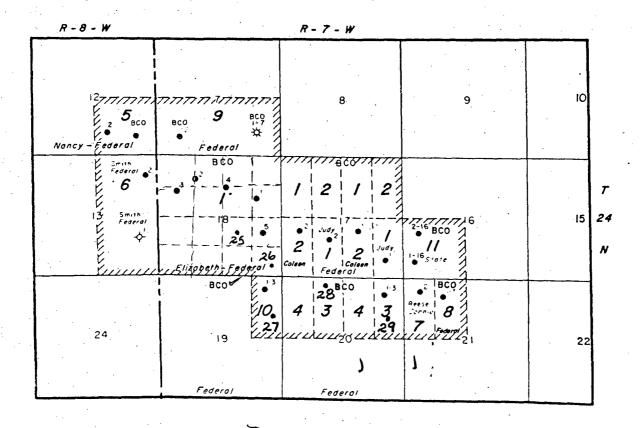
A. L. PORTER, Jr. Secretary-Director

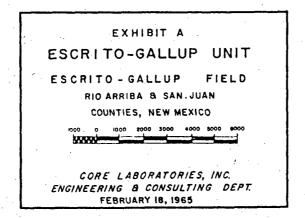
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cc: Oil Conservation Commission:

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Mr. Frank Irby





Edgar L. Risenhoover, L.S.

STATE OF NEW MEXICO P. O. BOX 2088 ENERGY AND MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501 All distances must be from the outer houndaries of the Section. Well No. Operator BCO, INC. Escrito Gallup Unit 25 Section Township Unil Letter County 18 24 North 7 West Rio Arriba Actual Fastage Location of Well: 1920 South East Icel from the Ground Level Elev. Producing Formation Dedicated Acreoge: 7163 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? If answer is "yes," type of consolidation Yes Yes If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, climinating such interests, has been approved by the Division. CERTIFICATION I hereby certify that the information contained herein Is true and complete to the best of my knowledge and belief. Position Company SE C. 18 2120 Date Surveyed 1920 December 8, 1983 Registered Professional Engineer Exhibit

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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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

Form C-102 Revised 10-1-

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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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

Form C-102 Revised 10-1-7

All distances must be from the outer boundaries of the Section.

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STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-102

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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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

Form C-102 Revised 10-1-

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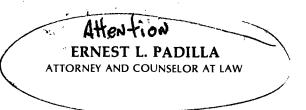
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First Northern Plaza P.O. Box 2523 Santa Fe, New Mexico 87501 (505) 9887577

January 9, 1984

Joe D. Ramey, Director Oil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87501

RE:

Application of BCO, Inc. and Harry L. Bigbee for Administrative Approval of Unorthodox Locations

Dear Mr. Ramey:

Enclosed in triplicate is the application of BCO, Inc. and Harry L. Bigbee for administrative approval of unorthodox locations within the Escrito Gallup Unit.

By way of information and further reference, I would direct your attention to your Administrative Order NSL-1692, issued on May 4, 1983, which granted approval for three similar non-standard locations within the Escrito Gallup Unit.

Please let me know if we can supply additional information or answer any questions that you may have.

very truly yours

Èrmest L. Padilla

ELP/bp

Enclosures

cc: Harry L. Bigbee

BCO, Inc.

JAN 2 9 1934

BEFORE THE OIL COMBERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

CASE No. 3114 \ Order No. R-2796

APPLICATION OF BCO, INC., FOR A WATERFLOOD PROJECT, SAN JUAN AND RIO ARRIBA COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on October 23. 1964, at Santa Fe, New Moxico, before Examiner Daniel S. Nutter

MOW, on this Mark day of December, 1964, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises.

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, BCO, Inc., seeks permission to institute a waterflood project in the Escrito-Gallup Oil Pool in the Escrito Gallup Pool Unit Area by the injection of water into the Gallup formation through three injection wells in Sections 17 and 18, Township 24 North, Range 7 West, and Section 12, Township 24 North, Range 8 West, NMPM, San Juan and Rio Arriba Counties, Hew Mexico.
- (3) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.
- (4) That the proposed waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.
- (5) That the subject application should be approved and the project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, BCO, Inc., is hereby authorized to institute a waterflood project in the Escrito-Gallup Oil Pool in the Escrito Gallup Pool Unit Area by the injection of water into the Gallup formation through the following-described wells:

Judy Federal Well No. 1, Unit P of Section 17, Township 24 North, Runge 7 West

Elizabeth Federal Well No. 1, Unit B of Section 18, Township 24 North, Range 7 West

Nancy Federal Well No. 1. Unit P of Section 12.
Township 24 North, Range 8 West

- (2) That the subject waterflood project shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.
- (3) That monthly progress reports of the waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1119 of the Commission Rules and Regulations.
- (4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Pe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

E. S. WALKER, Member

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A. L. FORTER, Jr., Member & Secretary

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