

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

R-966-E

Date 7-1-59

CASE NO. 1196

HEARING DATE 6-24-59

My recommendations for an order in the above numbered case(s) are as follows:

1. Approve Grayridge ^{conversion to water injection} ~~capacity~~ ~~allowables~~ for 5 injection wells as listed in application Para. 2.
2. Approve 27 NSL's for wells as listed in para. 4 of application.
3. Approve capacity allowables for 5 wells as listed in para. 5 of application.
4. Approve procedure for administrative approval for ~~wells~~ ^{or} injection wells in the future.

Thos. A. Kelly

Staff Member

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

February 13, 1959

C
O
P
Y

Mr. Jack Campbell
Campbell & Russell
P.O. Box 721
Roswell, New Mexico

Dear Mr. Campbell:

On behalf of your client, The Ibex Company, we enclose two copies of Order R-966-C issued February 12, 1959, by the Oil Conservation Commission in Case 1196, which was last heard on February 4th at Santa Fe before an examiner.

Very truly yours,

A. L. Porter, Jr.
Secretary - Director

bp
Encls.

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Date 2-5-59

CASE NO. 1196

HEARING DATE 2-4-59

My recommendations for an order in the above numbered case(s) are as follows:

approve application as requested.

1. The 8 unorthodox locations as requested & listed on applicants application.
2. Authorize the conversion of 2 of the 8 unorthodox locations to H₂O injection wells as these are:
 - (a) Hex - Welch Duke State # 15,
288'/N and 272'/W lines of sec. 25-185-28E
 - (b) Hex - Resler Gates St. # 301,
1322'/N + 1322'/E lines of sec. 25-185-28E.
3. Order probably should be R-966-C



Staff Member

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

966-B
R-~~966-B~~

Date September 11, 1958

CASE NO. 1196

HEARING DATE 9-10-58-9 a.m. DSN - Santa Fe


My recommendations for an order in the above numbered case(s) are as follows:

Enter an order in the subject case authorizing the expansion of the pilot water flood to include eight additional water injection wells. The injection wells will be:

- (1) McNutt State No. 5, SW/4 SW/4 of Section 21-18S-28E, NMPM.
- (2) McNutt State No. 6, NE/4 SW/4 of Section 21-18S-28E, NMPM.
- (3) McNutt State No. 8, SE/4, SW/4 of Section 21-18S-28E, NMPM
- (4) Malco-Resler-Yates State No. 22, SW/4 SE/4 of Section 21-18S-28E, NMPM.
- (5) Malco-Resler-Yates State No. 39, SW/4 SE/4 of Section 21-18S-28E, NMPM.
- (6) Welch Duke State No. 4, NE/4 NW/4 of Section 28-18S-28E, NMPM.
- (7) Welch Duke State No. 10, NE/4 NW/4 of Section 28-18S-28E, NMPM.
- (8) Welch Duke State No. 16, NE/4 NW/4 of Section 28-18S-28E, NMPM.

Also, authorize six unorthodox locations in Sections 21 and 28 as requested by the applicant. The unorthodox locations are for the following wells; all of which were drilled years ago:

- (1) McNutt State No. 5, 272' from the South line and 1291' from the West line of Section 21, 18S-28E.
- (2) McNutt State No. 6, 1618' from the South line and 2335' from the West line of Section 21, 18S-28E.


Staff Member
DANIEL S. NUTTER

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Date September 11, 1958

Page No. 2

CASE NO. 1196

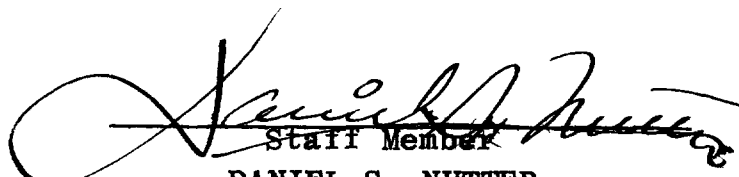
HEARING DATE 9-10-58 9 a.m. DSN-Santa Fe

~~My recommendations for an order in the above numbered case(s) are as follows:~~

- (3) Malco-Resler-Yates State No. 22, 1070' from the South line and 2370' from the East line of Section 21, 18S-28E.
- (4) Welch Duke State No. 2, 2331' from the North line and 2419' from the West line of Section 28, 18S-28E.
- (5) Welch Duke State No. 4, 1803' from the North line and 2407' from the West line of Section 28, 18S-28E.
- (6) Welch Duke State No. 10, 750' from the North line and 1337' from the West line of Section 28, 18S-28E.

This water flood has progressed to the point where it is necessary to add additional injection wells.

There is no question as to the necessity of any of the proposed injection wells with the exception of one, that well being the IbeX Company's McNutt State No. 6. There is a doubt in my mind as to the necessity for conversion of this particular well. However, there will be a definite need for conversion of same in the near future and approval might as well be given *now*.


Staff Member
DANIEL S. NUTTER

ir/

Case 1196

THE IBEX COMPANY

*Et. Hearing
8/10*

MANUFACTURERS OF NATURAL GASOLINE AND L. P. G. PRODUCTS
PRODUCERS OF OIL AND GAS

IBEX BUILDING

BRECKENRIDGE, TEXAS
August 7, 1958

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

Re: Artesia Pilot Flood No. 2
Eddy County, New Mexico

Gentlemen:

Attached please find an original and two copies of an application for authority to expand the waterflood in Artesia Pilot Flood No. 2 in Eddy County, New Mexico.

It would be appreciated very much if you would set this matter up for hearing before an Examiner at the earliest possible date.

I would also appreciate your notification of the date which has been set for the hearing of this application.

Yours very truly,

THE IBEX COMPANY

O. H. Reaugh

BY: O. H. Reaugh

OHR:bjg

*Docket Mailed
8-28-58
BP*

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

September 29, 1958

C
O
P
Y

Mr. Jack Campbell
Campbell & Russell
P.O. Box 721
Roswell, New Mexico

Dear Mr. Campbell:

On behalf of your client, The Ibex Company, we enclose two copies of Order R-966-B issued September 29, 1958, by the Oil Conservation Commission in Case 1196, which was last heard on September 10th at Santa Fe before an examiner.

Very truly yours,

A. L. Porter, Jr.
Secretary - Director

bp
Encls.

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

1196

April 26, 1962

Graridge Corporation
P. O. Box 752
Breckenridge, Texas

Gentlemen:

Reference is made to your application dated April 19, 1962, requesting permission to deviate from the flood pattern of your Artesia Water Flood Project No. 2, as presented in Case 1196, by completing Resler Yates State Well No. 310 as a producing well rather than as an injection well and to omit the drilling of Resler Yates State Well No. 309.

Inasmuch as your study of reservoir conditions in the area surrounding the two wells indicate the need for only one producing well in lieu of one producing well and an injection well and will not effect the ultimate recovery of the project, permission is hereby granted to allow the change as requested. The change permits the drilling of your Resler Yates State Well No. 310 located 310 feet from the East line and 1650 feet from the South line of Section 21, Township 18 South, Range 28 East, Eddy County, New Mexico, as a producing well and to abandon the proposed location of Resler Yates State Well No. 309 at 330 feet from the East line and 990 feet from the South line of Section 21, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

Very truly yours,

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

ALP/JEK/og

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GRARIDGE CORPORATION

IBEX BUILDING

POST OFFICE BOX 752

BRECKENRIDGE, TEXAS

April 19, 1962

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

Re: Order No. R-966-E
Graridge Corporation Waterflood
Project No. 2

Gentlemen:

On July 15, 1959, Order No. R-966-E was issued relative to Case No. 1196 setting up administrative procedure for the expansion of Graridge Corporation operated Artesia Water Flood Projects No. 2 and No. 3. At the hearing for Case No. 1196, a waterflood pattern was presented which was projected to cover the area considered to have possible waterflood pay in the First Grayburg.

In this projection, Resler Yates State No. 310, located 330' FEL and 1650' FSL of Section 21, T-18S, R-28E, would be an injection well and No. 309, located 330' FEL and 990' FSL of Section 21, T-18S, R-28E, would be a producing well. Subsequent development of this flood project has indicated that the sand is much thinner and tighter in the vicinity of these two locations than was originally anticipated. Using projected recovery figures for producing wells which have responded in this immediate area, we would expect to recover approximately 32,000 gross barrels of oil from the floodable area around these two location which does not justify the expense involved in drilling two wells.

We believe that by maintaining injection into Resler Yates State Nos. 30, 24, and 303 and Lackawanna State No. 1, following the eventual watering out of Resler Yates State No. 25, that the area in the vicinity of locations 309 and 310 can be adequately swept. This should recover ultimately as much oil from the area with No. 310 as a producer as would be expected from the drilling of both 309 and 310 since we will be flooding toward a pinchout.

We respectfully request that the Commission grant administrative approval for the drilling and completing of Resler Yates State No. 310 as a producing well.

Yours very truly,

GRARIDGE CORPORATION



B. G. Harrison
Manager of Secondary Recovery

BGH:vw

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

May 27, 1958

Mr. R. L. Elliott
Ibex Company
P.O. Box 752
Breckenridge, Texas

Dear Mr. Elliott:

We enclose two copies of Order R-966-A issued May 26, 1958, by the Oil Conservation Commission in Case 1196, which was heard on May 20, 1958, at Santa Fe.

Very truly yours,

A. L. Porter, Jr.
Secretary - Director

bp
Encls.

C
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THE IBEX COMPANY

MANUFACTURERS OF NATURAL GASOLINE AND L. P. G. PRODUCTS
PRODUCERS OF OIL AND GAS

IBEX BUILDING

BRECKENRIDGE, TEXAS

April 28, 1958

hearing

Mr. A. L. Porter
Oil Conservation Commission
State Capitol
Santa Fe, New Mexico

Re: Malco-Resler-Yates Area
Artesia Pool
Eddy County, New Mexico

Dear Mr. Porter:

Attached hereto you will find application in triplicate of The Ibex Company for an order authorizing capacity production for certain wells within the two separate pilot flood projects in the Grayburg formation underlying Sections 21, 28 and 32, of Township 18 South, Range 28 East, N.M.P.M., Artesia Pool, Eddy County, New Mexico, and further authorizing the unorthodox locations of a number of the applicant's wells in the Artesia Pool.

It is respectfully requested that you set this matter down for hearing at the earliest possible date inasmuch as several of the wells are getting to the point that they may exceed their allowable capacity at most any time.

Thank you very much for giving this matter your usual prompt attention.

Yours very truly,

THE IBEX COMPANY

By 
R. L. Elliott, Attorney

RLE:ea
enc
cc-Graham Office

THE IBEX COMPANY

MANUFACTURERS OF NATURAL GASOLINE AND L. P. G. PRODUCTS
PRODUCERS OF OIL AND GAS

IBEX BUILDING

BRECKENRIDGE, TEXAS

December 19, 1956

1196

A I R S P E C I A L

Oil Conservation Commission
Capitol Building
Santa Fe, New Mexico

Attention: Mr. Warren Mankin

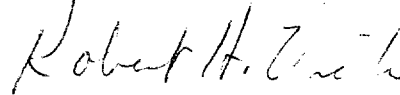
Gentlemen:

The Ibex Company would like to amend its application of December 11, 1956, for a Commission hearing concerning two (2) pilot waterfloods in the Artesia Pool, Eddy County, New Mexico.

The amendment would be to secure approval from the Commission to utilize all of the present unorthodox locations in the area, either as future producing oil wells or as future water injection wells. All of the wells in the subject area were drilled prior to present proration laws and are generally only 200 feet to 250 feet from proration unit boundaries. We will have available at the scheduled hearing a certified re-survey plat of all the well locations. Use of the present locations would enable installation of the proposed pilot floods on a 10-acre to 15-acre, 5-spot pattern. This would allow faster and more controlled evaluation of the projects. Any expansion of the pilot floods might be placed on a much larger spacing pattern, depending upon the initial results.

We would like to sincerely thank the Commission and its staff for the assistance it has offered in our present secondary recovery endeavors.

Yours truly,



ROBERT H. VICK

rhv/jbm

THE IBEX COMPANY

MANUFACTURERS OF NATURAL GASOLINE AND L. P. G. PRODUCTS
PRODUCERS OF OIL AND GAS

IBEX BUILDING

BRECKENRIDGE, TEXAS

December 11, 1956

Oil Conservation Commission
Capitol Building
Santa Fe, New Mexico

Attention: Mr. A. L. Porter

Gentlemen:

The Ibex Company requests a hearing be re-scheduled before the Commission or an examiner to obtain Commission approval to install two (2) pilot waterfloods in the Grayburg Formation in the Artesia Field of Eddy County, New Mexico. The two (2) separate pilot floods are proposed for the following locations:

No. 2 - SE/4 of SW/4 of Section 21 and NE/4 of NW/4
and NW/4 of NE/4 of Section 23, T-18S, R-28E.

No. 3 - NW/4 of Section 32, T-18S, R-28E.

The above two proposed pilot waterfloods were included in a previous application covering three different projects in the Artesia Field. The hearing for this application was scheduled for December 13, 1956. However, due to a mistake in the information submitted for #2 and #3 projects, they were canceled from the above hearing. We are, therefore, submitting new data on these two projects and requesting a new hearing date be scheduled.

Following is the complete information requested according to Rule 701 of the Conservation Commission Rules and Regulations:

I. Field plat, showing all wells in the area and the relative locations of the two (2) separate proposed pilot waterfloods, is attached.

II. Production of the subject area is obtained from the Grayburg formation.

III. Proposed water injection will be through the indicated wells, shown on the attached plat, into the Grayburg formation.

December 11, 1956

IV. All proposed intake wells will be re-entered, cleaned out and $4\frac{1}{2}$ " casing set and cemented on the immediate top of the sand section. All other zones will be cased or plugged off so as to isolate the water injection to the sand being waterflooded.

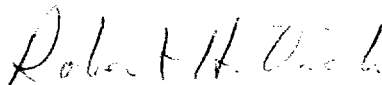
V. Fresh water is to be used for injection purposes. The water is to be produced from presently completed water wells in the respective areas. All subject water wells are completed in a sand and gravel interval at 340' to 375' depth. Neither of the two (2) respective areas from which fresh water shall be produced is included in any presently established water basin. The Ibex Company has made formal application for water prospecting rights covering all the subject areas.

VII. The operator of the proposed projects will be The Ibex Company, Box 752, Breckenridge, Texas, Attention: Mr. Robert H. Vick.

Anything that you may do to schedule the earliest possible date for the requested hearing will be greatly appreciated.

Sincerely yours,

THE IBEX COMPANY



Robert H. Vick
Waterflood Engineer

rhv/jbm
attachments

cc: Graham Office

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Date 3-5-57

CASE 1186

Hearing Date Jan. 9, 1957

My recommendations for an order in the above numbered cases are as follows:

I recommend that the applicants request be approved.

Findings:

- (1) That the applicant proposes to institute two pilot water flood projects to be known as the ^{Artificial} Hex Pilot Flood Project #2 & #3.
- (2) That the applicant proposes to use ~~four~~ six water injection wells for its #2 pilot flood which wells are located in SE SW of Sec. 21, NW NE & NENW, quarters of Sec. 28 all in T19S - R. 28E.
- (3) That the applicant proposes to use four water injection wells for its #3 pilot flood which wells are located in the N/2 ~~of~~ NW quarter of Sec. 32, R 19S - T 28E.
- (4) Tends to promote Conservation & prevent waste etc.
- (5) That the applicant should make monthly reports ~~on~~ to the activity of the two proposed projects.

Staff Member

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

②

Date _____

CASE _____

Hearing Date _____

My recommendations for an order in the above numbered cases are as follows:

- (6) That the Twenty-Two unorthodox locations in the effected area should be approved in order to facilitate the operation.
- (7) That the source of water will be from four water wells located in the $5/2$ of Sec 31-T185-28E.
- (8) That ~~the~~ these water wells are producing from a sand approx. 3-50 feet deep and that this water is ~~not~~ ^{suitable} for human consumption or irrigation.
9. That a ~~further~~ study is in progress to obtain an additional supply of salt water for injection purposes, which if found would replace the water proposed to be used in the pilot flood.

Staff Member

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

(3)

Date _____

CASE _____

Hearing Date _____

My recommendations for an order in the above numbered cases are as follows:

Order:

(1) That the following wells are hereby approved as water injection wells and unorthodox locations:

Pilot flood # 2.

Shes Mc Nutt State	# 2,	2390'/W, 250'/S, sec. 21.
Shes Malco-Rester Yates State	# 5,	2390'/W, 750'/N, sec. 28.
" " " " "	# 7	1890'/W, 250'/N, sec. 28
" Malco Rester Yates "	# 13	2900'/W, 250'/N, sec. 28
" " " " "	# 18	2900'/W, 1300'/N, sec. 28
" " " " "	# 51	3450'/W, 500'/N, sec. 28

put first

Pilot flood # 3.

Shes Malco-Rester Yates State	# 4,	1570'/W , 550'/N, sec. 32.
" " " " "	# 5,	950'/W, 1050'/N, sec. 32.
" " " " "	# 6,	1050'/W, 100'/N, sec. 32
" " " " "	# 7,	450'/W , 550'/N, sec. 32
" " " " "	# 19,	600'/W, 100'/N, sec. 32

put first

All in Twp. 18S, Rge 28E.

Staff Member

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

4

Date _____

CASE _____

Hearing Date _____

My recommendations for an order in the above numbered cases are as follows:

(2) That the following wells are hereby approved as smoothbore locations:

~~Pilot flood #2.~~

~~Shelby Mc Nutt State #3~~ ————— 1900/W, 250/S Sec. 21
 " " " " #4 ————— 2390/W, 1090/S Sec. 21

~~Welp Duke Yates~~ State #3, 2390/W, 1320/N, Sec. 28
 " " " " #6, 2390/W, 250/N, Sec. 28
 " " " " #8, 1300/W, 250/N, Sec. 28
 " " " " #9, 1890/W, 800/N, Sec. 28
 " Malco Reeler Yates " #17, 2900/W, 750/N, Sec. 28
 " " " " #19, 2900/W, 1850/N, Sec. 28
 " " " " #53, 3450/W, 1200/N, Sec. 28
 " " " " #21, 2900/W, 250/S, Sec. 21

~~Pilot flood #3.~~

~~Malco-Reeler Yates State #3~~, 1050/W, 600/N, Sec. 32.
 " " " " #9, 600/W, 400/N, Sec. 32.

All in Twp. 18S - Rge. 2 & E, N.M.P.M., Eddy County, N.M. put first

FAN
Staff Member

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Date 3/6/57

CASE 1196

Hearing Date 1/9/57 @ 9 AM @ SF

My recommendations for an order in the above numbered cases are as follows: *before WWM*

*OK to approve as EAC recommends,
use P-952 as guide.*

Warren W. Marken
Staff Member
Examined

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

April 1, 1957

Mr. R. L. Elliott
The IbeX Company
P.O. Box 752
Breckenridge, Texas

Dear Sir:

We enclose a copy of Order R-966 issued March 29, 1957, by the Oil Conservation Commission in Case 1196, which was heard on January 9th at Santa Fe.

Very truly yours,

A. L. Porter, Jr.
Secretary - Director

bp
Encl.

C
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P
Y

May 6, 1958

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

Dear Sir:

On April 28, 1958, application of The IbeX Company for an order authorizing capacity production for certain wells within two separate pilot flood projects in the Grayburg formation underlying Sections 21, 28 and 32, Township 18 South, Range 28 East, NMPM, Artesia Pool, Eddy County, New Mexico, was made. That in such application the statement was made that certain of the wells were showing an increase and might at any day exceed the top unit allowable for the Artesia Pool.

This condition has now occurred and certain of the wells are exceeding the top unit allowable for the Artesia Pool which creates an emergency for allowable relief or waste will occur.

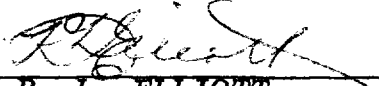
Therefore, it is respectfully requested that an emergency allowable be granted without hearing to produce the sixteen wells set out in the above referred to application at capacity for a period of 15 days or until a permanent allowable is granted as applied for in the above referred to application, whichever occurs first.

It is further requested that a hearing on the application for permanent allowable above referred to, be set down within 15 days of the granting of an emergency order.

Very truly yours,

THE IBEX COMPANY

By


R. L. ELLIOTT,
Attorney

received 5-6-58

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Date May 20, 1958

CASE NO. 1196

HEARING DATE May 6 and May 20th, 1958
9:00 A.M. DSN

My recommendations for an order in the above numbered case(s) are as follows:

Enter an order authorizing the production at capacity of the 16 wells for which capacity allowables were requested; also approve the non-standard location of the 4 wells for which such approval was sought. No objections were received to the approval of either one of these items and it will be in the interests of conservation, the prevention of waste and protection of correlative rights to grant the application.



Staff Member

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

(28) 01

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International Letter Telegram

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

LA022 DB069

1958 MAY 20 AM 8 44

D FWA148 PD=FAX FORT WORTH TEX 20 905AMC=

OIL CONSERVATION COMMISSION=

SANTA FE NMEX=

RE: CASE #1196, IBEX COMPANY, MAY 20, 1958, 9:00AM
AMBASSADOR OIL CORPORATION SUPPORTS AND URGES THE
COMMISSION, IN THE INTEREST OF CONSERVATION, TO
APPROVE THIS APPLICATION AS PRESENTED=

KENNETH L SMITH VICE PRESIDENT==

Handwritten notes:
A
B
5-27-58
D.P.

#1196 20 1958 9:00AM=

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE