

Well Selection Criteria Quick Print

(opno = 154329)

Sandlott

API Well #	Well Name and No.	Operator Name	Typ	Stat	County	Surf	UL	Sec	Tw	Rng	Ft N/S	Ft EW	UICPrnt
30-015-02589-00-00	DAUGHERTY STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	4	4	18 S	28 E	315 N	945 W	
30-015-02107-00-00	HUMBLE THOMAS STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	B	9	18 S	28 E	560 N	1980 E	
30-015-25372-00-00	HUMBLE THOMAS STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	B	9	18 S	28 E	990 N	1650 E	
30-015-02666-00-00	LEVERS A STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	B	8	18 S	28 E	255 N	1532 E	
30-015-26895-00-00	LEVERS A STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	B	8	18 S	28 E	330 N	2310 E	
30-015-26896-00-00	LEVERS A STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	B	8	18 S	28 E	990 N	1650 E	
30-015-02575-00-00	LEVERS STATE	SANDLOTT ENERGY (JACKIE BRE	I	A	Eddy	S	N	4	18 S	28 E	247 S	1600 W	R-952
30-015-02566-00-00	LEVERS STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	O	4	18 S	28 E	992 S	2287 E	
30-015-02004-00-00	MCNUTT STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	K	21	18 S	28 E	1650 S	1750 W	
30-015-06181-00-00	MCNUTT STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	K	21	18 S	28 E	2310 S	1650 W	WFX-26
30-015-02000-00-00	MCNUTT STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	M	21	18 S	28 E	920 S	1095 W	
30-015-27035-00-00	MCNUTT STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	A	32	18 S	28 E	330 N	330 E	
30-015-02151-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	O	29	18 S	28 E	250 S	2640 W	
30-015-02123-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	I	A	Eddy	S	B	32	18 S	28 E	960 N	1440 E	WFX-588
30-015-02152-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	C	32	18 S	28 E	1060 N	2380 W	
30-015-02146-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	P	30	18 S	28 E	830 S	200 E	
30-015-02133-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	N	29	18 S	28 E	1140 S	2170 W	
30-015-02108-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	P	21	18 S	28 E	425 S	950 E	
30-015-02002-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	F	21	18 S	28 E	1650 N	1650 W	
30-015-10254-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	I	20	18 S	28 E	1980 S	660 E	
30-015-10285-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	J	29	18 S	28 E	2310 S	2310 E	WFX-112
30-015-02109-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	N	29	18 S	28 E	990 S	1650 W	WFX-30
30-015-10630-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	O	29	18 S	28 E	990 S	1650 E	
30-015-02110-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	P	29	18 S	28 E	660 S	660 E	
30-015-23393-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	I	A	Eddy	S	N	29	18 S	28 E	330 S	2310 W	WFX-30
30-015-10631-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	B	32	18 S	28 E	330 N	2310 E	
30-015-22141-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	I	A	Eddy	S	A	32	18 S	28 E	330 N	990 E	WFX-125
30-015-02148-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	F	32	18 S	28 E	1650 N	2310 W	
30-015-20088-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	I	A	Eddy	S	G	32	18 S	28 E	1650 N	2310 E	WFX-192
30-015-10286-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	H	32	18 S	28 E	1650 N	990 E	WFX-588
30-015-20094-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	F	32	18 S	28 E	2310 N	1650 W	
30-015-20123-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	I	A	Eddy	S	G	32	18 S	28 E	2150 N	1800 E	WFX-588
30-015-20215-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	I	A	Eddy	S	H	32	18 S	28 E	2310 N	990 E	WFX-588
30-015-26134-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	G	32	18 S	28 E	1884 N	1394 E	
30-015-26366-00-00	RESLER VATES STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	F	32	18 S	28 E	1650 N	1650 W	
30-015-02672-00-00	THOMAS STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	A	9	18 S	28 E	990 N	330 E	
30-015-25371-00-00	THOMAS STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	A	9	18 S	28 E	330 N	330 E	
30-015-02080-00-00	WELCH DUKE STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	F	28	18 S	28 E	2365 N	1320 W	

Well Selection Criteria Quick Print

(opno = 154329)

API Well #	Well Name and No.	Operator Name	Typ	Stat	County	Surf	UL	Sec	Twp	Rng	Ft N/S	Ft E/W	UICPrmt
30-015-02105-00-00	WELCH DUKE STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	C	28	18 S	28 E	271 N	1321 W	
30-015-06125-00-00	WELCH DUKE STATE	SANDLOTT ENERGY (JACKIE BRE	O	A	Eddy	S	C	28	18 S	28 E	1260 N	1380 W	



Mod Date 6/25/1996

Company Maintenance



Operator Info with Main Business Offices Address

Company: SANDLOTT ENERGY (JACKIE BREWER DBA)
First: [REDACTED]
Address: PO BOX 711
(Suite, Etc.): [REDACTED]
City / St / Zip: LOVINGTON NM 88260 - [REDACTED]
Country: [REDACTED] Fax: 000-000-0000
Phone: 505-396-6769 Ext: [REDACTED]

User ID [REDACTED] Organization Rpt? ☐
Received: [REDACTED]
OGRID [REDACTED]
Last Financial Report
Received: [REDACTED]
DOE No [REDACTED]
Secretary of State
Status A
Qualified: [REDACTED]
Problem [REDACTED]

Oper ☒ InjOper ☐ Bondg ☐ Drillr ☐ Trans ☐ Gathr ☐ Haulr ☐ Pullr ☐ Misc1 ☐ Misc2 ☐ Misc3 ☐ Misc4 ☐

District Office Address to use for Mailing of Notices

Address: [REDACTED] Phone: [REDACTED] Ext: [REDACTED] Fax: [REDACTED]
(Suite, Etc.): [REDACTED] City [REDACTED]
State / Zip / Zip [REDACTED] - [REDACTED]

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

ILLEGIBLE

CASE NO. 1196
Order No. R-966

APPLICATION OF THE IBEX COMPANY FOR
AN ORDER AUTHORIZING TWO SEPARATE
PILOT WATER FLOOD PROJECTS IN THE
GRAYBURG FORMATION UNDERLYING SECTIONS
21, 28 AND 32 OF TOWNSHIP 18 SOUTH,
RANGE 28 EAST, NMPM, ARTESIA POOL,
EDDY COUNTY, NEW MEXICO, AND FURTHER
AUTHORIZING THE UNORTHODOX LOCATION
OF A NUMBER OF THE APPLICANT'S WELLS
IN THE ARTESIA POOL.

*Water floods
20 2 2 2
(water flood
#1 authorized
by Order No. R-952)*

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on January 9, 1957, at Santa Fe, New Mexico, before Warren W. Mankin, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 29th. day of March, 1957, the Commission, a quorum being present, having considered the application, the evidence adduced and the recommendations of the Examiner, Warren W. Mankin, and being fully advised in the premises,

FINDS:

1. That due notice having been given as required by law, the Commission has jurisdiction of this case and the subject matter thereof.

2. That the applicant, the Ibex Company, proposes to institute two separate pilot water flood projects in the Grayburg formation underlying Sections 21, 28 and 32 of Township 18 South, Range 28 East, NMPM, Artesia Pool, Eddy County, New Mexico, to be known as Ibex Artesia Pilot Flood Projects No. 2 and No. 3.

3. That the applicant proposes to accomplish the said pilot flooding operation in Project No. 2 by means of water injection through six wells located in the SE/4 SW/4 of Section 21 and NW/4 NE/4, NE/4 NW/4 of Section 28, all in Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

4. That the applicant proposes to accomplish the said pilot water flooding operation in Project No. 3 by means of water injection through four wells located in the N/2 NW/4 of Section 32, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

5. That the proposed programs for secondary recovery will promote conservation and tend to prevent waste through the production of oil which might not otherwise be recovered.

6. That the progress of each of the above-referenced secondary recovery programs should be reported periodically to the Commission.

7. That the unorthodox locations of the applicant's wells in the area affected by the proposed water flood projects should be approved in order to facilitate the operation of the said projects.

IT IS THEREFORE ORDERED:

1. That the application of the Ibex Company for permission to institute its Ibex Artesia Pilot Flood Project No. 2, in the Grayburg formation of the Artesia Pool underlying all or part of Sections 21 and 28 of Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico, be and the same is hereby approved, and that the following Ibex Company Wells be and the same are hereby approved as unorthodox locations and water injection wells for said project;

McNutt State Well No. 2	250 feet from the South line and 2390 feet from the West line of Section 21.
Welch Duke State Well No. 5	750 feet from the North line and 2390 feet from the West line of Section 28.
Welch Duke State Well No. 7	250 feet from the North line and 1890 feet from the West line of Section 28.
Malco-Resler-Yates Well No. 13	250 feet from the North line and 2900 feet from the West line of Section 28.
Malco-Resler-Yates Well No. 18	1300 feet from the North line and 2900 feet from the West line of Section 28.
Malco-Resler-Yates Well No. 51	500 feet from the North line and 3450 feet from the West line of Section 28.

all in Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

2. That the application of Ibex Company for permission to institute its Ibex Artesia Pilot Flood Project No. 3 in the Grayburg formation of the Artesia Pool underlying all or part of Section 32, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico, be and the same is hereby approved, and that the following Ibex Company wells be and the same are hereby approved as unorthodox locations and water injection wells for said project:

Malco-Resler-Yates Well No. 4	550 feet from the North line and 1570 feet from the West line of Section 32.
Malco-Resler-Yates Well No. 5	1050 feet from the North line and 950 feet from the West line of Section 32.
Malco-Resler-Yates Well No. 6	100 feet from the North line and 1050 feet from the West line of Section 32.
Malco-Resler-Yates Well No. 7	550 feet from the North line and 450 feet from the West line of Section 32,

all in Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

3. That monthly progress reports on each of the above-referenced water flood projects shall be submitted to the Commission in accordance with Rule 1119 of the Commission Rules and Regulations.

4. That the unorthodox locations of the following Ibex Company wells be and the same are hereby approved in addition to the injection wells listed in paragraph 1 and 2 above:

McNutt State #3	250 feet from the South line and 1900 feet from the West line of Section 21.
McNutt State #4	1070 feet from the South line and 2390 feet from the West line of Section 21.
Welch Duke State #3	1320 feet from the North line and 2390 feet from the West line of Section 28.
Welch Duke State #6	250 feet from the North line and 2390 feet from the West line of Section 28.
Welch Duke State #8	250 feet from the North line and 1300 feet from the West line of Section 28.
Welch Duke State #9	800 feet from the North line and 1890 feet from the West line of Section 28.
Malco-Resler-Yates State #3	600 feet from the North line and 1050 feet from the West line of Section 32.
Malco-Resler-Yates State #9	100 feet from the North line and 600 feet from the West line of Section 32.
Malco-Resler-Yates State #17	750 feet from the North line and 2900 feet from the West line of Section 28.
Malco-Resler-Yates State #19	1850 feet from the North line and 2900 feet from the West line of Section 28.
Malco-Resler-Yates State #53	1200 feet from the North line and 3450 feet from the West line of Section 28.

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Order No. R-966

Malco-Resler Yates State #21 250 feet from the South line and 2900
feet from the West line of Section 21,
all in Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

MURRAY E. MORGAN, Member

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

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BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 1196
Order No. R-966-A

APPLICATION OF THE IBEX COMPANY
FOR CAPACITY ALLOWABLES AND FOR
APPROVAL OF UNORTHODOX LOCATIONS
FOR CERTAIN WELLS IN PILOT WATER
FLOOD PROJECTS IN THE ARTESIA
POOL, EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on May 20, 1958, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the New Mexico Oil Conservation Commission, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 26th day of May, 1958, the Commission, a quorum being present, having considered the application, the evidence adduced and the recommendations of the Examiner, Daniel S. Nutter, 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 case and the subject matter thereof.

(2) That the Ibex Company is the owner of certain properties situated within two pilot water flood project areas in the Grayburg formation of the Artesia Pool in Eddy County, New Mexico, which pilot water flood projects were authorized by Order No. R-966, dated March 29, 1957.

(3) That sixteen producing oil wells in the above-referenced pilot areas have been, or soon may be, affected by the said pilot water flood projects, and that said wells are now, or soon may be, capable of producing in excess of the top unit allowable for the Artesia Pool.

(4) That the preponderance of the evidence presented in this case indicates that waste would occur if the production from the above-referenced wells were restricted.

CASE NO. 1196
Order No. R-966-A

(5) That the applicant is the owner and operator of the following-described oil wells in the above-referenced pilot areas which are on unorthodox locations under the terms of Rule 104 of the Commission Rules and Regulations, to-wit:

Malco-Resler-Yates State No. 22 Well, located 1050 feet from the South line and 2380 feet from the East line of Section 21;

Malco-Resler-Yates State No. 46 Well, located 20 feet from the South line and 1780 feet from the East line of Section 21;

Welch-Duke State No. 11 Well, located 1850 feet from the North line and 1900 feet from the West line of Section 28;

Welch-Duke State No. 16 Well, located 1320 feet from the North line and 1890 feet from the West line of Section 28;

all in Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

(6) That the unorthodox locations of the above-described locations should be approved in order to facilitate the operation of the aforementioned pilot water flood projects.

IT IS THEREFORE ORDERED:

(1) That the following described wells be assigned allowables effective at 7:00 o'clock a.m. Mountain Standard Time, May 22, 1958, equal to their capacity to produce to-wit:

IBEX-ARTESIA PILOT FLOOD PROJECT NO. 2:

McNutt-State No. 3	250 feet from the South line and 1900 feet from the West line of Section 21
McNutt-State No. 4	1070 feet from the South line and 2390 feet from the West line of Section 21
Welch-Duke State No. 3	1320 feet from the North line and 2390 feet from the West line of Section 28
Welch-Duke State No. 6	250 feet from the North line and 2390 feet from the West line of Section 28
Welch-Duke State No. 8	250 feet from the North line and 1300 feet from the West line of Section 28
Welch-Duke State No. 9	800 feet from the North line and 1890 feet from the West line of Section 28

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Order No. R-966-A

Welch-Duke State No. 11	1850 feet from the North line and 1900 feet from the West line of Section 28
Welch-Duke State No. 16	1320 feet from the North line and 1890 feet from the West line of Section 28
Malco-Resler-Yates - State No. 17	750 feet from the North line and 2380 feet from the East line of Section 28
Malco-Resler-Yates - State No. 19	1850 feet from the North line and 2380 feet from the East line of Section 28
Malco-Resler-Yates - State No. 21	250 feet from the South line and 2380 feet from the East line of Section 21
Malco-Resler-Yates - State No. 22	1050 feet from the South line and 2380 feet from the East line of Section 21
Malco-Resler-Yates - State No. 46	20 feet from the South line and 1780 feet from the East line of Section 21
Malco-Resler-Yates - State No. 53	1200 feet from the North line and 1830 feet from the East line of Section 28

IBEX-ARTESIA PILOT FLOOD PROJECT NO. 3:

Malco-Resler-Yates - State No. 3	600 feet from the North line and 1050 feet from the West line of Section 32
Malco-Resler-Yates State No. 9	100 feet from the North line and 600 feet from the West line of Section 32

all in Township 18 South, Range 28 East, NMPM, Artesia Pool, Eddy County, New Mexico.

(2) That the unorthodox locations of the following described wells be and the same is hereby approved:

Malco-Resler-Yates State No. 22 Well, located 1050 feet from the South line and 2380 feet from the East line of Section 21;

Malco-Resler-Yates State No. 46 Well, located 20 feet from the South line and 1780 feet from the East line of Section 21;

Welch-Duke State No. 11 Well, located 1850 feet from the North line and 1900 feet from the West line of Section 28;

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Order No. R-966-A

Welch-Duke State No. 16 Well, located 1320 feet from the
North line and 1890 feet from the West line of Section 28;

all in Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

MURRAY E. MORGAN, Member

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

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BEFORE THE OIL CONSERVATION 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. 1196
Order No. R-966-B

APPLICATION OF THE IBEX COMPANY FOR
PERMISSION TO EXPAND A PILOT WATER
FLOOD PROJECT IN THE ARTESIA POOL,
EDDY COUNTY, NEW MEXICO, AND FOR SIX
UNORTHODOX WELL LOCATIONS.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on September 10, 1958, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 29th day of September, 1958, the Commission, a quorum being present, having considered the application, the evidence adduced and the recommendations of the Examiner, Daniel S. Nutter, 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, The Ibex Company, was authorized by Order No. R-966 to institute the Artesia Pilot Water Flood Project No. 2 with six injection wells in Sections 21 and 28, Township 18 South, Range 28 East, Artesia Pool, Eddy County, New Mexico.

(3) That the applicant now seeks permission to expand the above-mentioned pilot water flood project by conversion of the following-described wells to water injection wells:

LEASE AND WELL NO.

LOCATION

McNutt State Well No. 5

SW/4 SW/4 Section 21.

McNutt State Well No. 6

NE/4 SW/4 Section 21.

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Case No. 1196

Order No. R-966-B

<u>LEASE AND WELL NO.</u>	<u>LOCATION</u>
McNutt State Well No. 8	SE/4 SW/4 Section 21.
Malco-Resler-Yates State Well No. 22	SW/4 SE/4 Section 21.
Malco-Resler-Yates State Well No. 39	SW/4 SE/4 Section 21.
Welch Duke State Well No. 4	NE/4 NW/4 Section 28.
Welch Duke State Well No. 10	NE/4 NW/4 Section 28.
Welch Duke State Well No. 16	NE/4 NW/4 Section 28,

all in Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

(4) That the applicant further seeks an order authorizing unorthodox locations for the following-described wells:

McNutt State Well No. 5, located 272 feet from the South line and 1291 feet from the West line of Section 21.

McNutt State Well No. 6, located 1618 feet from the South line and 2335 feet from the West line of Section 21.

Malco-Resler-Yates State Well No. 22, located 1070 feet from the South line and 2370 feet from the East line of Section 21.

Welch Duke State Well No. 2, located 2331 feet from the North line and 2419 feet from the West line of Section 28.

Welch Duke State Well No. 4, located 1803 feet from the North line and 2407 feet from the West line of Section 28.

Welch Duke State Well No. 10, located 750 feet from the North line and 1337 feet from the West line of Section 28,

all in Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

(5) That the subject application should be approved in the interests of conservation.

IT IS THEREFORE ORDERED:

(1) That the applicant, The Ibex Company, be and the same is hereby authorized to convert the following-described wells to water injection wells:

<u>LEASE AND WELL NO.</u>	<u>LOCATION</u>
McNutt State Well No. 5	SW/4 SW/4 Section 21.
McNutt State Well No. 6	NE/4 SW/4 Section 21.
McNutt State Well No. 8	SE/4 SW/4 Section 21.
Malco-Resler-Yates State Well No. 22	SW/4 SE/4 Section 21.
Malco-Resler-Yates State Well No. 39	SW/4 SE/4 Section 21.
Welch Duke State Well No. 4	NE/4 NW/4 Section 28.
Welch Duke State Well No. 10	NE/4 NW/4 Section 28.
Welch Duke State Well No. 16	NE/4 NW/4 Section 28,

all in Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

(2) That unorthodox locations be and the same are hereby authorized for the following-described wells:

McNutt State Well No. 5, located 272 feet from the South line and 1291 feet from the West line of Section 21.

McNutt State Well No. 6, located 1618 feet from the South line and 2335 feet from the West line of Section 21.

Malco-Resler-Yates State Well No. 22, located 1070 feet from the South line and 2370 feet from the East line of Section 21.

Welch Duke State Well No. 2, located 2331 feet from the North line and 2419 feet from the West line of Section 28.

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Case No. 1196

Order No. R-966-B

Welch Duke State Well No. 4, located 1803 feet
from the North line and 2407 feet from the West
line of Section 28.

Welch Duke State Well No. 10, located 750 feet
from the North line and 1337 feet from the West
line of Section 28,

all in Township 18 South, Range 28 East, NMPM, Eddy County, New
Mexico.

DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

MURRAY E. MORGAN, Member

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

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BEFORE THE OIL CONSERVATION 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. 1196
Order No. R-966-C

APPLICATION OF THE IBEX COMPANY
FOR PERMISSION TO EXPAND A WATER
FLOOD PROJECT IN THE ARTESIA POOL,
EDDY COUNTY, NEW MEXICO, AND FOR
EIGHT UNORTHODOX WELL LOCATIONS.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on February 4, 1959, at Santa Fe, New Mexico, before Elvis A. Utz, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 12th day of February, 1959, the Commission, a quorum being present, having considered the application, the evidence adduced and the recommendations of the Examiner, Elvis A. Utz, 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, The Ibex Company, was authorized by Order No. R-966 to institute the Artesia Pilot Water Flood Project No. 2 in the Artesia Pool, Eddy County, New Mexico, and that expansion of said project was authorized by Order No. R-966-B.

(3) That the applicant now seeks permission to expand said Artesia Water Flood Project No. 2 by drilling or redrilling the two following-described wells and converting them to water injection wells:

Welch Duke State Well No. 15, located 288
feet from the North line and 272 feet from
the West line of Section 28

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Case No. 1196

Order No. R-966-C

Resler Yates State Well No. 301, located
1322 feet from the North line and 1322
feet from the East line of Section 28,

both in Township 18 South, Range 28 East, NMPM, Eddy County, New
Mexico.

(4) That the applicant further seeks an order authorizing
unorthodox locations for the following-described wells:

Welch Duke State Well No. 15, located 288
feet from the North line and 272 feet from
the West line of Section 28,

Welch Duke State Well No. 18, located 1260
feet from the North line and 1380 feet from
the West line of Section 28,

Welch Duke State Well No. 19, located 1190
feet from the North line and 860 feet from
the West line of Section 28,

Welch Duke State Well No. 20, located 1800
feet from the North line and 1370 feet from
the West line of Section 28,

McNutt State Well No. 1, located 282 feet
from the South line and 293 feet from the
West line of Section 21,

McNutt State Well No. 9, located 970 feet
from the South line and 1170 feet from the
West line of Section 21,

Resler Yates State Well No. 26, located 2390
feet from the North line and 1860 feet from
the East line of Section 28,

Resler Yates State Well No. 301, located
1322 feet from the North line and 1322 feet from
the East line of Section 28,

all in Township 18 South, Range 28 East, NMPM, Eddy County, New
Mexico.

(5) That the subject application should be approved in the
interest of conservation.

IT IS THEREFORE ORDERED:

(1) That the applicant, The Ibex Company, be and the same

is hereby authorized to drill or redrill the following-described wells and to utilize same as water injection wells:

Welch Duke State Well No. 15, located 288 feet from the North line and 272 feet from the West line of Section 28,

Resler Yates State Well No. 301, located 1322 feet from the North line and 1322 feet from the East line of Section 28,

both in Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

(2) That unorthodox locations be and the same are hereby authorized for the following-described wells:

Welch Duke State Well No. 15, located 288 feet from the North line and 272 feet from the West line of Section 28,

Welch Duke State Well No. 18, located 1260 feet from the North line and 1380 feet from the West line of Section 28,

Welch Duke State Well No. 19, located 1190 feet from the North line and 860 feet from the West line of Section 28,

Welch Duke State Well No. 20, located 1800 feet from the North line and 1370 feet from the West line of Section 28.

McNutt State Well No. 1, located 282 feet from the South line and 293 feet from the West line of Section 21,

McNutt State Well No. 9, located 970 feet from the South line and 1170 feet from the West line of Section 21,

Resler Yates State Well No. 26, located 2390 feet from the North line and 1860 feet from the East line of Section 28,

Resler Yates State Well No. 301, located 1322 feet from the North line and 1322 feet from the East line of Section 28,

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Case No. 1196

Order No. R-966-C

all in Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN BURROUGHS, Chairman

MURRAY E. MORGAN, Member

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

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BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 1681
Order No. R-966-D

APPLICATION OF THE IBEX COMPANY
FOR A CAPACITY ALLOWABLE FOR
ONE WELL IN THE PROJECT AREA OF
ITS ARTESIA WATER FLOOD PROJECT
NO. 2, ARTESIA POOL, EDDY COUNTY,
NEW MEXICO

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on May 20, 1959, at Santa Fe, New Mexico, before E. J. Fischer, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 21st day of May, 1959, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, E. J. Fischer, 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 Ibex Company was authorized by Order No. R-966, and amendments thereto, to institute the Artesia Water Flood Project No. 2 in the Artesia Pool, Eddy County, New Mexico.

(3) That the Ibex Company is the owner of the Welch Duke State Well No. 18, located 1,260 feet from the North line and 1,380 feet from the West line of Section 28, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico, which well is situated in the project area of said Artesia Water Flood Project No. 2.

(4) That the aforementioned Welch Duke State Well No. 18 has been affected by the said Artesia Water Flood Project No. 2 to the extent that it is now capable of producing in excess of the top unit allowable for the Artesia Pool.

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Case No. 1681

Order No. R-966-D

(5) That there is a reasonable probability that waste will occur if the production from the above-described well is curtailed.

IT IS THEREFORE ORDERED:

That effective at 7:00 o'clock a.m., Mountain Standard Time, May 20, 1959, the following-described well is assigned an allowable equal to its capacity to produce:

Welch Duke State Well No. 18, located 1,260 feet from the North line and 1,380 feet from the West line of Section 28, Township 18 South, Range 28 East, Artesia Pool, Eddy County, New Mexico.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN BURROUGHS, Chairman

MURRAY E. MORGAN, Member

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

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BEFORE THE OIL CONSERVATION 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. 1196
Order No. R-966-E

APPLICATION OF GRARIDGE CORPO-
RATION FOR AN ORDER AMENDING
ORDER NO. R-966 TO APPROVE THE
CONVERSION OF CERTAIN WELLS IN
THE ARTESIA WATER FLOOD PROJECTS
NOS. 2 AND 3 TO WATER INJECTION,
FOR ESTABLISHMENT OF AN ADMINIS-
TRATIVE PROCEDURE WHEREBY ADDI-
TIONAL WELLS MAY BE CONVERTED
TO WATER INJECTION, FOR APPROVAL
OF TWENTY-SEVEN UNORTHODOX WELL
LOCATIONS IN SAID PROJECTS, AND
FOR CAPACITY ALLOWABLES FOR SIX
WELLS IN SAID PROJECTS

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 8:00 o'clock a.m. on June 24, 1959, at Santa Fe, New Mexico, before Elvis A. Utz, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 15th day of July, 1959, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Elvis A. Utz, 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 by Order No. R-966, and amendments thereto, The Ibex Company was authorized to institute its Artesia Water Flood Projects Nos. 2 and 3, Artesia Pool, Eddy County, New Mexico.

(3) That Graridge Corporation, operator of said Water Flood Projects, seeks an amendment of Order No. R-966 to establish an administrative procedure whereby additional wells in

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Case No. 1196
Order No. R-966-E

said projects may be converted to water injection without notice and hearing.

(4) That the applicant, Graridge Corporation, further seeks an amendment of said Order No. R-966 to authorize the conversion of the following described wells to water injection:

Welch Duke State Well No. 19, NW/4 NW/4
of Section 28

Welch Duke State Well No. 20, SE/4 NW/4
of Section 28

Welch Duke State Well No. 21, SE/4 NW/4
of Section 28

Resler Yates State Well No. 14, SW/4 NE/4
of Section 28

Resler Yates State Well No. 304, SW/4 NE/4
of Section 28

Venture State Well No. 305, NE/4 NE/4
of Section 28

all in Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

(5) That the applicant further seeks approval of twenty-seven (27) unorthodox well locations in said Water Flood Projects.

(6) That the applicant further seeks capacity allowables for the following-described wells in said Water Flood Projects:

Resler Yates State Well No. 23, SW/4 SE/4
of Section 21

Lackawana State "A" Well No. 2, NW/4 SE/4
of Section 21

McNutt State Well No. 9, SW/4 SW/4 of
Section 21

McNutt State Well No. 10, NE/4 SW/4 of
Section 21

Welch Duke State Well No. 2, SE/4 NW/4
of Section 28

all in Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

(7) That the evidence presented indicates that said Water Flood Projects have caused an increase in the producing capacity of the above-described wells to the extent that they are now or soon will be capable of producing in excess of top unit allowable for the Artesia Pool.

(8) That the evidence presented further indicates that waste might occur if production from the wells described in Finding No. 6 is restricted.

(9) That the subject application should be approved.

IT IS THEREFORE ORDERED:

(1) That Order No. R-966 be and the same is hereby amended to establish an administrative procedure whereby additional wells in The Ibox Company's Artesia Water Flood Projects Nos. 2 and 3, Artesia Pool, Eddy County, New Mexico, may be converted to water injection without notice and hearing.

PROVIDED HOWEVER, That no well located in said Water Flood Projects shall be eligible for administrative approval for conversion to water injection unless it is established to the satisfaction of the Secretary-Director of the Commission that the proposed water injection well has experienced a substantial response to the Water Flood Projects or is directly offset by a producing well which has experienced such response; and that it is located on a water injection pattern which will result in a thorough and efficient sweep of oil by said water floods.

PROVIDED FURTHER, That to obtain administrative approval for the conversion of any well to water injection applicant shall submit to the Commission in triplicate a request for such administrative approval, setting forth therein all the facts pertinent to the need for converting additional wells to water injection, and attaching thereto Commission Form C-116, showing production tests of the affected well or wells both before and after stimulation by water flood. Applicant shall also attach plats of the Water Flood Project area and immediate surrounding area, indicating thereon the owner of each lease and the location of all water injection wells and producing wells, and shall submit evidence that a copy of the application to convert additional wells to water injection has been sent to each operator offsetting the proposed injection well.

The Secretary-Director may, if in his opinion there is need for the conversion of additional wells to water injection, authorize said conversion without notice and hearing, provided no offset operator objects to said conversion to water injection within fifteen (15) days. The Secretary-Director may grant

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Case No. 1196
Order No. R-966-E

immediate approval of the conversion upon receipt of waivers of objection from all operators offsetting the proposed water injection well.

(2) That the applicant be and the same is hereby authorized to convert immediately the following-described wells to water injection:

Welch Duke State Well No. 19, NW/4 NW/4
of Section 28

Welch Duke State Well No. 20, SE/4 NW/4
of Section 28

Welch Duke State Well No. 21, SE/4 NW/4
of Section 28

Resler Yates State Well No. 14, SW/4 NE/4
of Section 28

Resler Yates State Well No. 304, SW/4 NE/4
of Section 28

Venture State Well No. 305, NE/4 NE/4 of
Section 28

all in Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

(3) That unorthodox well locations be and the same are hereby approved for the following-described wells located in said Water Flood Projects:

Venture State Well No. 306, located 820 feet
from the North line and 1180 feet from the
East line of Section 28

Resler Yates State Well No. 10, located
2360 feet from the South line and 250 feet
from the East line of Section 29

Resler Yates State Well No. 11, located
2390 feet from the South line and 1570 feet
from the East line of Section 29

Resler Yates State Well No. 14, located
2400 feet from the North line and 2380 feet
from the East line of Section 28

Resler Yates State Well No. 15, located
1570 feet from the North line and 1070 feet
from the East line of Section 29

Resler Yates State Well No. 27, located
2390 feet from the North line and 1300 feet
from the East line of Section 28

Resler Yates State Well No. 30, located
2390 feet from the South line and 1070 feet
from the East line of Section 21

Resler Yates State Well No. 34, located
2390 feet from the North line and 250 feet
from the East line of Section 29

Resler Yates State Well No. 40, located
1320 feet from the South line and 240 feet
from the East line of Section 29

Resler Yates State Well No. 43, located
2400 feet from the North line and 180 feet
from the East line of Section 28

Resler Yates State Well No. 45, located
2390 feet from the South line and 230 feet
from the East line of Section 21

Resler Yates State Well No. 48, located
240 feet from the South line and 670 feet
from the East line of Section 29

Resler Yates State Well No. 49, located
250 feet from the South line and 1570 feet
from the East line of Section 29

Resler Yates State Well No. 307, located
1800 feet from the North line and 1220 feet
from the East line of Section 28

Resler Yates State Well No. 308, located 1780
feet from the North line and 250 feet from
the East line of Section 28

Resler Yates State Well No. 12, located
330 feet from the South line and 200 feet
from the East line of Section 29

Royal Duke State Well No. 2, located 1570
feet from the North line and 1580 feet from
the East line of Section 29

Lackawana State Well No. 4, located
1560 feet from the North line and 2280 feet
from the East line of Section 21

Lackawana State Well No. 5, located
2390 feet from the North line and 1070 feet
from the East line of Section 21

Lackawana State Well No. 1-A, located
252 feet from the South line and 343 feet
from the West line of Section 21

Lackawana State "A" Well No. 1, located
1540 feet from the South line and 1540 feet
from the East line of Section 21

Weich Duke State Well No. 12, located
950 feet from the North line and 270 feet
from the West line of Section 28

Weich Duke State Well No. 13, located
1570 feet from the North line and 260 feet
from the West line of Section 28

Weich Duke State Well No. 14, located
2310 feet from the North line and 260 feet
from the West line of Section 28

Toomey Allen Well No. 10, located 1650 feet
from the South line and 1330 feet from the
East line of Section 28

Toomey Allen Well No. 13, located 1350 feet
from the South line and 2300 feet from the
East line of Section 28

Toomey Allen Well No. 14, located 1100 feet
from the South line and 1580 feet from the
East line of Section 28

all in Township 18 South, Range 28 East, NM&M, Eddy County, New
Mexico.

(4) That the following-described wells be granted an
allowable equal to their capacity to produce:

Resier Yates State Well No. 23, SW/4 SE/4
of Section 21

Lackawana State "A" Well No. 2, NW/4 SE/4
of Section 21

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Case No. 1196
Order No. R-966-E

McNutt State Well No. 9, SW/4 SW/4 of
Section 21

McNutt State Well No. 10, NE/4 SW/4 of
Section 21

Welch Duke State Well No. 2, SE/4 NW/4
of Section 20

all in Township 18 South, Range 28 East, NM&M, Eddy County, New
Mexico.

(5) That the Commission hereby retains jurisdiction of
this cause to amend all or any part of this order and further to
enter any order or orders deemed necessary.

DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN BURROUGHS, Chairman

MURRAY E. MORGAN, Member

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

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STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

ORDER NO. WFX-588

APPLICATION OF ARCH PETROLEUM, INC. TO EXPAND ITS WATERFLOOD PROJECT IN THE ARTESIA QUEEN GRAYBURG SAN ANDRES POOL IN EDDY COUNTY, NEW MEXICO

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of Division Order No. R-966, as amended, Arch Petroleum, Inc. has made application to the Division on May 8, 1989 for permission to expand its Artesia Flood Project No. 3 Waterflood Project in the Artesia Queen Grayburg San Andres Pool in Eddy County, New Mexico.

NOW, on this 12th day of October, 1989, the Division Director finds that:

- (1) The application has been filed in due form.
- (2) Satisfactory information has been provided that all offset operators have been duly notified of the application.
- (3) No objection has been received within the waiting period as prescribed by Rule 701(B).
- (4) The proposed injection wells are eligible for conversion to water injection under the terms of Rule 701.
- (5) The proposed expansion of the above-referenced waterflood project will not cause waste nor impair correlative rights.
- (6) The application should be approved.

IT IS THEREFORE ORDERED THAT:

The applicant, Arch Petroleum, Inc., be and the same is hereby authorized to inject water into the Grayburg formation through the gross interval from approximately 2008 feet to approximately 2046 feet through 2 3/8-inch tubing set in a packer located within 100 feet of the uppermost injection perforations or within 100 feet of the production casing shoe in the wells shown on Exhibit "A" attached hereto for purposes of secondary recovery.

Administrative Order WFX-588
Arch Petroleum, Inc.
October 13, 1989
Page 2

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

Prior to commencing injection operation into the Resler Yates State Well No. 55, as shown on Exhibit "A", said well shall be cased and cemented in a manner that will ensure that the injected fluid will be confined to the injection interval, and that fresh water will be protected.

Prior to commencing injection operations into any of the wells shown on Exhibit "A", the Resler Yates Well No. 48, located in Unit P of Section 29, Township 18 South, Range 28 East, shall be re-entered and re-plugged in a manner satisfactory to the supervisor of the Division's Artesia district office.

Prior to commencing injection operations into any of the wells shown on Exhibit "A", the applicant shall demonstrate to the supervisor of the Division's Artesia district office, that the Resler Yates State Well No. 61, located in Unit C of said Section 32, is cased and cemented in a manner that will confine the injected fluid to the injection zone, and that will ensure fresh water is projected.

Prior to commencing injection operations into the wells shown on Exhibit "A", the casing in each well shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing or packer.

The injection wells or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection wells to no more than that pressure as shown on Exhibit "A".

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said wells that such higher pressure will not result in migration of the injected fluid from the Grayburg formation. Such proper showing shall consist of a valid step-rate tests run in accordance with and acceptable to this office.

Administrative Order WFX-588
Arch Petroleum, Inc.
October 13, 1989
Page 3

The operator shall notify the supervisor of the Artesia district office of the Division of the date and time of the installation of injection equipment, of the mechanical integrity tests and of any work performed on the wells as described above so that the same may be inspected and witnessed.

The operator shall immediately notify the supervisor of the Artesia district office of the Division of the failure of the tubing, casing or packer in said wells and shall take such steps as may be timely and necessary to correct such failure or leakage.

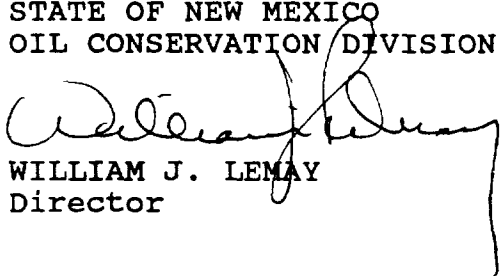
The subject wells shall be governed by all provisions of Division Order No. R-966, as amended, and Rules 701-708 of the Division Rules and Regulations not inconsistent herewith.

PROVIDED FURTHER THAT, jurisdiction of this cause is hereby retained by the Division for the entry of such further order or orders as may be deemed necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of the operator to conduct operations in a manner which will ensure the protection of fresh water or in a manner inconsistent with the requirements set forth in this order, the Division may, after notice and hearing, terminate the injection authority granted herein.

The operator shall submit monthly progress reports of the project in accordance with Rules 706 and 1115 of the Division Rules and Regulations.

Approved at Santa Fe, New Mexico, on this 12th day of October, 1989.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY
Director

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Exhibit "A"
Arch Petroleum, Inc.
Order No. WFX-588

Well Name and Location	Maximum Surface Injection Pressure		
Resler Yates State No. 370	1650' FNL & 990' FEL (Unit H), Section 32	405	PSIG
Resler Yates State No. 380	2310' FNL & 990' FEL (Unit H), Section 32	407	PSIG
Resler Yates State No. 379	2150' FNL & 1800' FEL (Unit G), Section 32	403	PSIG
Resler Yates State No. 55	960' FNL & 1440' FEL (Unit B), Section 32	402	PSIG

All in Township 18 South, Range 28 East, NMPM,
Eddy County, New Mexico

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 1185
Order No. R-952

APPLICATION OF THE IBEX COMPANY
FOR AN ORDER AUTHORIZING THREE
WATER FLOOD PROJECTS FOR PURPOSES
OF SECONDARY RECOVERY IN THE
PREMIER SAND OF THE GRAYBURG
FORMATION OF THE ARTESIA POOL,
EDDY COUNTY, NEW MEXICO, AND
FURTHER AUTHORIZING THE UNORTHODOX
LOCATION OF A NUMBER OF THE APPLICANT'S
WELLS IN THE SAID ARTESIA POOL.

*Water flood
No. 1
(No. 2 and No. 3
authorized by
order # R-966)*

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on December 13, 1956 at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 14th day of February, 1957, the Commission, a quorum being present, having considered the application and the evidence adduced, and being fully advised in the premises,

FINDS:

(1) That due notice having been given as required by law, the Commission has jurisdiction of this case and the subject matter thereof.

(2) That the application for two of the above-captioned water floods should be dismissed without prejudice due to the fact that they involve the uppermost member of the Grayburg formation rather than the Premier Sand as indicated in the application and legal advertisement for this case.

(3) That the applicant, The Ibex Company, proposes to institute a pilot water flood operation on certain of its leases in the Artesia Pool, Section 4, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico; said pilot flood to be limited to the Premier Sand of the Grayburg formation underlying the aforementioned leases.

(4) That the applicant proposes to accomplish the said flooding operation by means of water injection through its Levers State Wells Numbers 4, 7, and 10, its Cowell State Wells Numbers 1 and 10 and its Humble State Eddy Well Number 1.

(5) That the proposed program for secondary recovery will promote conservation and tend to prevent waste through the production of oil which might not otherwise be recovered.

(6) That the progress of the secondary recovery program should be reported periodically to the Commission.

(7) That the unorthodox location of the applicant's wells in the area affected by the proposed water flood program should be approved in order to facilitate the operation of the said project.

IT IS THEREFORE ORDERED:

1. That the application of The Ibex Company for two pilot water floods to be instituted in Sections 21, 28 and 32, Township 18 South, Range 28 East, NMPM, be and the same are hereby dismissed without prejudice.

2. That the application of the Ibex Company for permission to institute a pilot water flood in the Premier Sand of the Grayburg formation underlying Section 4, Township 18 South, Range 28 East, NMPM, Artesia Pool, Eddy County, New Mexico, be and the same is hereby granted.

3. That the following Ibex Company wells be and the same are hereby approved as unorthodox locations and water injection wells:

Levers State Well No. 4 - 1065 feet from South line and 1049 feet from the West line.

Levers State Well No. 7 - 247 feet from the South line and 1600 feet from the West line.

Levers State Well No. 10 - 1061 feet from the South line and 2271 feet from the West line.

Cowell State Well No. 1 - 1572 feet from the South line and 1549 feet from the West line.

Cowell State Well No. 10 - 2397 feet from the South line and 2082 feet from the West line.

Humble State Eddy Well No. 4 - 1550 feet from the South line and 2088 feet from the East line,

all in Section 4, Township 18 South, Range 28 East, NMPM, Artesia Pool, Eddy County, New Mexico.

4. That monthly progress reports on the water flood project shall be submitted to the Commission in accordance with Rule 1119 of the Commission Rules and Regulations.

5. That the unorthodox locations of the following Ibex Company wells be and the same are hereby approved in addition to the injection wells listed in paragraph 2 above:

Case No. 1185
Order No. R-952

Levers State Well No. 2 - 603 feet from the South line and 497 feet from the West line.

Levers State Well No. 3 - 1074 feet from the South line and 265 feet from the West line.

Levers State Well No. 6 - 223 feet from the South line and 838 feet from the West line.

Levers State Well No. 8 - 1075 feet from the South line and 1567 feet from the West line.

Cowell State Well No. 2 - 1532 feet from the South line and 2088 feet from the West line.

Cowell State Well No. 11- 2399 feet from the South line and 1560 feet from the West line.

Humble State Eddy Well
No. 1 - 2315 feet from the South line, and 2280 feet from the East line.

Humble State Eddy Well
No. 5 1540 feet from the South line, and 1563 feet from the East line.

Welch Solt State Well No.
4 1532 feet from the South line, and 1019 feet from the West line,

all in Section 4, Township 18 South, Range 28 East, NMPM, Artesia Pool, Eddy County, New Mexico.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

MURRAY E. MORGAN, Member

A. L. PORTER, Jr., Member and Secretary

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BEFORE THE OIL CONSERVATION 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. 1185
Order No. R-952-A

APPLICATION OF GRARIDGE CORPO-
RATION FOR AN ORDER AMENDING
ORDER NO. R-952 TO ESTABLISH
AN ADMINISTRATIVE PROCEDURE
WHEREBY ADDITIONAL WELLS IN
THE ARTESIA WATER FLOOD PROJECT
NO. 1, ARTESIA POOL, EDDY
COUNTY, NEW MEXICO, MAY BE CON-
VERTED TO WATER INJECTION, FOR
APPROVAL OF FIFTEEN UNORTHODOX
WELL LOCATIONS IN SAID PROJECT
AND FOR CAPACITY ALLOWABLES
FOR FIVE WELLS IN SAID PROJECT

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 8:00 o'clock a.m. on June 24, 1959, at Santa Fe, New Mexico, before Elvis A. Utz, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 15th day of July, 1959, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Elvis A. Utz, 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 by Order No. R-952, the Ibex Company was authorized to institute its Artesia Water Flood Project No. 1, Artesia Pool, Eddy County, New Mexico.

(3) That Graridge Corporation, operator of said Water Flood Project, seeks an amendment of said Order No. R-952 to establish an administrative procedure whereby additional wells in said Water Flood Project may be converted to water injection without notice and hearing.

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(4) That the applicant, Graridge Corporation, further seeks approval of fifteen (15) unorthodox well locations in said Water Flood Project.

(5) That the applicant further seeks capacity allowables for the following-described wells in said Water Flood Project:

Levers State Well No. 3, SW/4 SW/4 of
Section 4, Township 18 South, Range 28 East

Levers State Well No. 6, SW/4 SW/4 of
Section 4, Township 18 South, Range 28 East

Levers State Well No. 8, NW/4 SW/4 of
Section 4, Township 18 South, Range 28 East

Solt State Welch No. 1, NW/4 SW/4 of
Section 4, Township 18 South, Range 28 East

Cowell State Well No. 2, NE/4 SW/4 of
Section 4, Township 18 South, Range 28 East

all in Eddy County, New Mexico.

(6) That the evidence presented indicates that said Water Flood Project has caused an increase in the producing capacity of the above-described wells to the extent that they are now or soon will be capable of producing in excess of top unit allowable for the Artesia Pool.

(7) That the evidence presented further indicates that waste might occur if production from the above-described wells is restricted.

(8) That the subject application should be approved.

IT IS THEREFORE ORDERED:

(1) That Order No. R-952 be and the same is hereby amended to establish an administrative procedure whereby additional wells in the Ibex Company's Artesia Water Flood Project No. 1, Artesia Pool, Eddy County, New Mexico, may be converted to water injection without notice and hearing.

PROVIDED HOWEVER, That no well located in said Water Flood Project shall be eligible for administrative approval for conversion to water injection unless it is established to the satisfaction of the Secretary-Director of the Commission that the proposed water injection well has experienced a substantial response to the Water Flood Project or is directly offset by a producing well which has experienced such response; and that it is located on a water injection pattern which will result in a thorough and efficient sweep of oil by said water flood.

PROVIDED FURTHER, That to obtain administrative approval for the conversion of any well to water injection, applicant shall submit to the Commission in triplicate a request for such administrative approval, setting forth therein all the facts pertinent to the need for converting additional wells to water injection, and attaching thereto Commission Form C-116, showing production tests of the affected well or wells both before and after stimulation by water flood. Applicant shall also attach plats of the Water Flood Project area and immediate surrounding area, indicating thereon the owner of each lease and the location of all water injection wells and producing wells, and shall submit evidence that a copy of the application to convert additional wells to water injection has been sent to each operator offsetting the proposed injection well.

The Secretary-Director may, if in his opinion there is need for the conversion of additional wells to water injection, authorize said conversion without notice and hearing, provided no offset operator objects to said conversion to water injection within fifteen (15) days. The Secretary-Director may grant immediate approval of the conversion upon receipt of waivers of objection from all operators offsetting the proposed water injection well.

(2) That unorthodox well locations be and the same are hereby approved for the following-described wells located in said Water Flood Project:

Solt State Welch Well No. 2, located 2397 feet from the South line and 256 feet from the West line of Section 4

Solt State Welch Well No. 3, located 2370 feet from the South line and 1050 feet from the West line of Section 4

Solt State Welch Well No. 4, located 1532 feet from the South line and 1019 feet from the West line of Section 4

Solt State Welch Well No. 5, located 1578 feet from the South line and 269 feet from the West line of Section 4

Daughterity State Solt Well No. 2, located 2394 feet from the North line and 1054 feet from the West line of Section 4

Levers State Well No. 9, located 257 feet from the South line and 1581 feet from the East line of Section 4

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Levers State Well No. 14, located 170 feet from the South line and 195 feet from the West line of Section 4

Humble State Stout Well No. 2, located 1579 feet from the South line and 1061 feet from the East line of Section 4

Solt State Well No. 2, located 2404 feet from the North line and 1554 feet from the West line of Section 4

Solt State Well No. 3, located 1506 feet from the North line and 1696 feet from the East line of Section 4

Solt State Well No. 3-A, located 1101 feet from the North line and 259 feet from the East line of Section 5

Solt State Well No. 10, located 1071 feet from the South line and 235 feet from the East line of Section 5

Solt State Well No. 11, located 164 feet from the South line and 138 feet from the East line of Section 5

Solt State Well No. 13, located 1048 feet from the South line and 1030 feet from the East line of Section 5

Humble State Well No. 3, located 1131 feet from the North line and 1523 feet from the West line of Section 4

all in Township 18 South, Range 28 East, Artesia Pool, Eddy County, New Mexico.

(3) That the following-described wells be granted an allowable equal to their capacity to produce:

Levers State Well No. 3, SW/4 SW/4 of Section 4, Township 18 South, Range 28 East

Levers State Well No. 6, SW/4 SW/4 of Section 4, Township 18 South, Range 28 East

Levers State Well No. 8, NW/4 SW/4 of Section 4, Township 18 South, Range 28 East

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Solt State Welch No. 1, NW/4 SW/4 of
Section 4, Township 18 South, Range 28 East

Cowell State Well No. 2, NE/4 SW/4 of
Section 4, Township 18 South, Range 28 East

all in Eddy County, New Mexico.

(4) That the Commission hereby retains jurisdiction of this cause to amend all or any part of this order and further to enter any order or orders deemed necessary.

DONE at Santa Fe, New Mexico, on the day and year herein-above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN BURROUGHS, Chairman

MURRAY E. MORGAN, Member

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

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APPLICATION OF GRARIDGE
CORPORATION TO EXPAND ITS
ARTESIA FLOOD NO. 3 WATER
FLOOD PROJECT IN THE ARTESIA
POOL IN EDDY COUNTY, NEW
MEXICO.

ADMINISTRATIVE ORDER
WFX NO. 30

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Order No. R-966-E, Graridge Corporation has made application to the Commission on February 29, 1960, for permission to expand its Artesia Flood No. 3 Water Flood Project in the Artesia Pool, Eddy County, New Mexico,

NOW, on this 15th day of March, 1960, the Secretary-Director finds:

1. That application has been filed in due form.
2. That satisfactory information has been provided that all off-set operators have been duly notified of the application.
3. That no objection has been received within the waiting period as prescribed by Order No. R-966-E.
4. That the proposed injection wells are eligible for conversion to water injection under the terms of Order No. R-966-E.
5. That the proposed expansion of the above-referenced water flood project will not cause waste nor impair correlative rights.
6. That the application should be approved.

IT IS THEREFORE ORDERED:


That the applicant, Graridge Corporation, be and the same is hereby authorized to inject water into the Grayburg formation through the following described wells for purposes of secondary recovery, to-wit:

Resler Yates State Well No. 341 and Resler Yates State Well No. 349, both located in the SE/4 SW/4 of Section 29, Township 18 South, Range 28 East, NMPM.

PROVIDED HOWEVER, that applicant shall inject water through tubing with a packer set at approximately 2000 feet in 4 1/2 - inch O. D. casing in aforesaid Wells No. 341 and 349.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


A. L. PORTER, Jr.
Secretary-Director

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