

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128
 Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

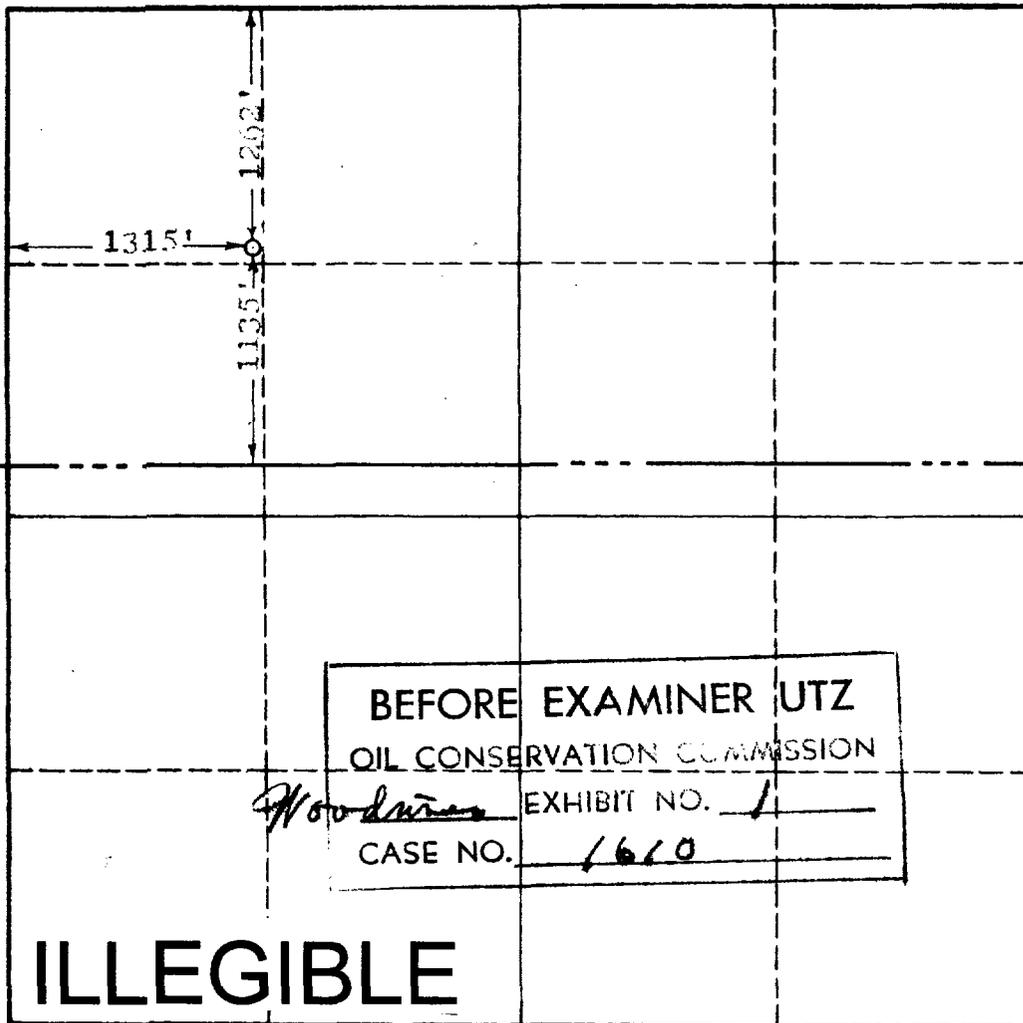
SECTION A

Operator Woodriver Oil & Gas Co.		Lease Hills Federal		Well No. S
Unit Letter D	Section 35	Township 26 N	Range 37 E	County Lea
Actual Footage Location of Well: 1135 feet from the South line and 1315 feet from the West line				
Ground Level Elev. 2987.48	Producing Formation	Pool	Dedicated Acreage: Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO _____. ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES _____ NO _____. If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
Woodriver EXHIBIT NO. 1
 CASE NO. 1610

ILLEGIBLE

CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name
Position
Company
Date

I hereby certify that the well location shown on the plat in SECTION B was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed July 3, 1959
Registered Professional Engineer and/or Land Surveyor JOHN W. WEST
<i>John W. West</i>
Certificate No. N.M. - P.E. & L.S. NO. 676

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WELL LOCATION AND ACREAGE DEDICATION PLAT**

FORM C-128
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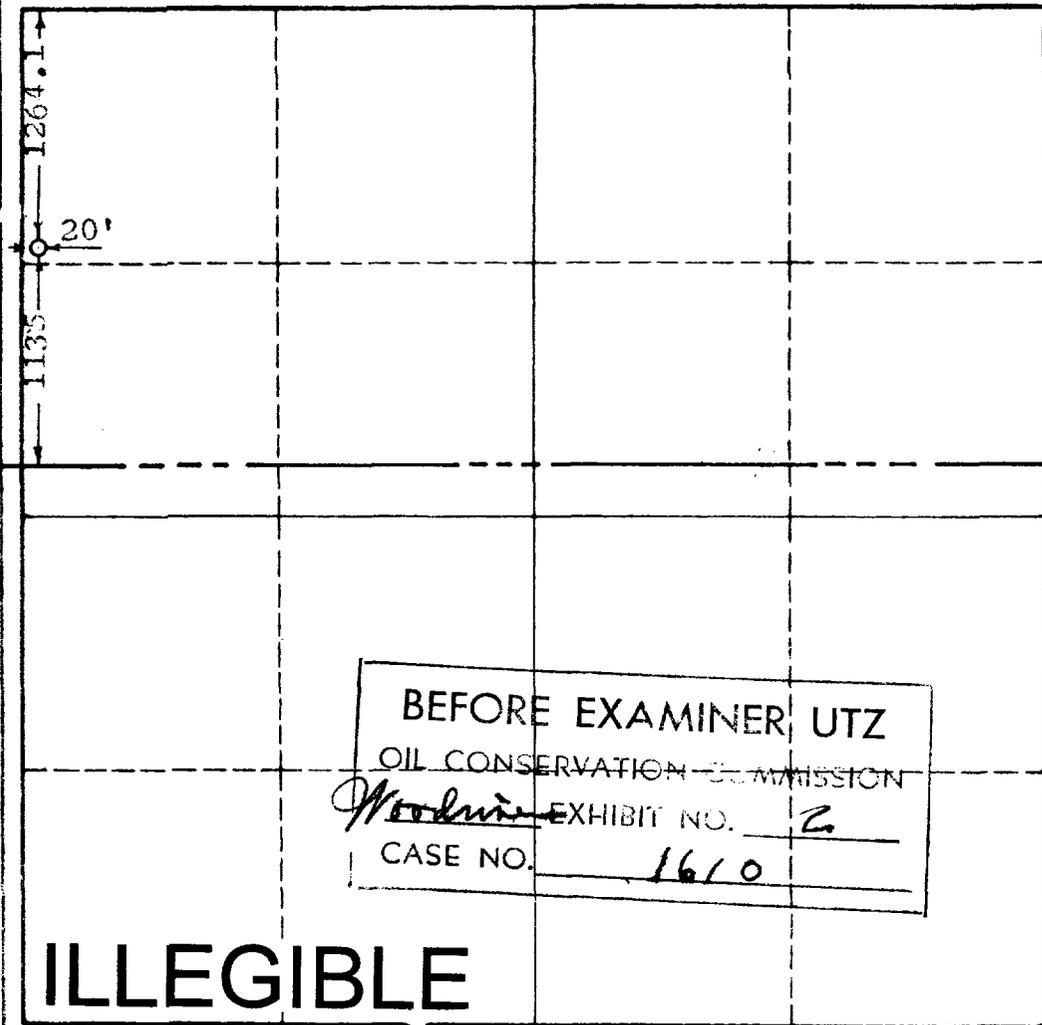
SECTION A

Operator Woodriver Oil & Refining Co.		Lease Hills Federal		Well No. 9
Unit Letter D	Section 35	Township 26 S	Range 37 E	County Lea
Actual Footage Location of Well: 1135 feet from the South line and 20 feet from the West line				
Ground Level Elev. 2979.28	Producing Formation	Pool	Dedicated Acreage: Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO _____. ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES _____ NO _____. If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



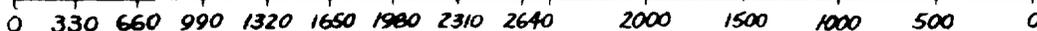
CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name
Position
Company
Date

I hereby certify that the well location shown on the plat in SECTION B was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed July 3, 1959
Registered Professional Engineer and/or Land Surveyor, JOHN W. WEST
<i>John W. West</i>
Certificate No. N.M. - P.E. & L.S. NO. 676



MAIN OFFICE OCC



1959 JUL 8 AM 8:18

Wood River Oil & Refining Co., Inc.
Petroleum Products

321 WEST DOUGLAS WICHITA, KANSAS

PRODUCTION DEPARTMENT
C. C. CHAPIN, MANAGER

July 6, 1959

New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Re: Wills Flood
35-26-37
Lea County, New Mexico
Case No. 1610, Order No. R-1352

Gentlemen:

Following is report on operations under the above order:

- (1) Water Supply Well is drilling at 440'.
- (2) Well A-5 is cleaning out cavings at 3258'.
- (3) Locations for injection wells have been staked.
Bids are being taken to build roads.

Yours truly,

WOOD RIVER OIL & REFINING CO., INC.

C. C. Chapin

/smc

cc: New Mexico Oil Conservation Commission
Hobbs, New Mexico

*Robert
Miles
7-18-59
x to
M. McKenna*

APPLICATION FOR AMENDMENT TO
NEW MEXICO CONSERVATION COMMISSION
CASE NO. 1610, ORDER NO. B-1352

July 3, 1959

To: New Mexico Conservation Commission
Santa Fe, New Mexico

Application for an order to: Amend order to change locations of
injection wells Nos. 8 and 9:

1. Name of Flood: Wells
Name of Field: Rhoades
Name of Lease Owner: Wood River Oil & Refining Co., Inc.
321 West Douglas, Wichita, Kansas

2. Description of Leases:

<u>U. S. SERIAL NO.</u>	<u>LEGAL DESCRIPTION</u>	<u>DATE OF LEASE</u>	<u>ACRES</u>
LC 050107 (b)	Lot 1, Sec. 34	12-19-38	32.74
LC 050107 (a)	NE/4 NE/4, Sec. 34; Lots 2, 3, 4; E/2 NW/4; NW/4 NE/4 Sec. 35 All in T-26S, R-37E Lea County, New Mexico	12-1-58	257.81

3. Production map attached as Exhibit "A" shows wells and leases in the area to be flooded. All well location measurements and location units are shown on Exhibit "B", (Amended).

Sec. 35, Twp. 36S, Rge. 37E, shown on Exhibit "B", is an irregular tract. The distance from the north to the south line is only 2390'. Our original application showed spacing for a regular 2640' half section.

In order to equally flood the producing wells it is necessary to move injection wells Nos. 8 and 9 approximately 180' south or 1135' from the south line instead of 1315' from the south line as shown on the original application.

4. A copy of this application has been sent to:

<u>NAME</u>	<u>ADDRESS</u>	<u>HOW SENT</u>
Bureau of Land Management	Santa Fe, N. M.	Registered Mail
John A. Anderson, U. S. G. S.	Box 6721, Roswell N. M.	Registered Mail
A. P. Kleeman, U. S. G. S.	Box 1838, Hobbs, N. M.	Registered Mail
The Texas Co.	Midland, Texas	Registered Mail

Respectfully submitted,

WOOD RIVER OIL & REFINING CO., INC.

BY

C. C. Chapin
C. C. Chapin

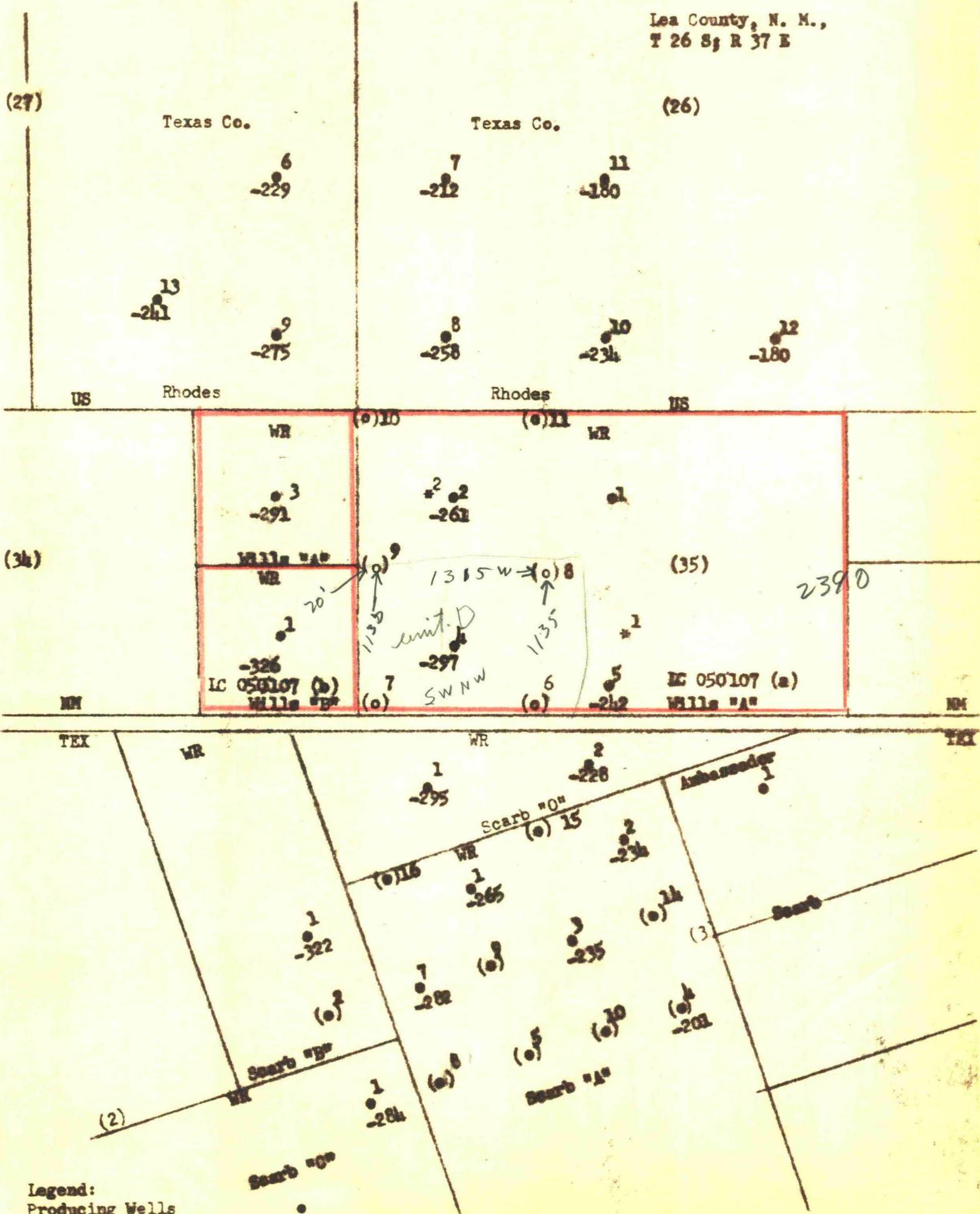
"APPLICANT"

1792

EXHIBIT "A"

ILLEGIBLE

PLAT SHOWING PARTS OF
RHODES FIELD IN LEA COUNTY, NEW MEXICO AND
NORTH SCARBOROUGH FIELD IN WINKLER COUNTY, TEXAS



Lea County, N. M.,
T 26 S; R 37 E

(27)

Texas Co.

Texas Co.

(26)

(34)

(35)

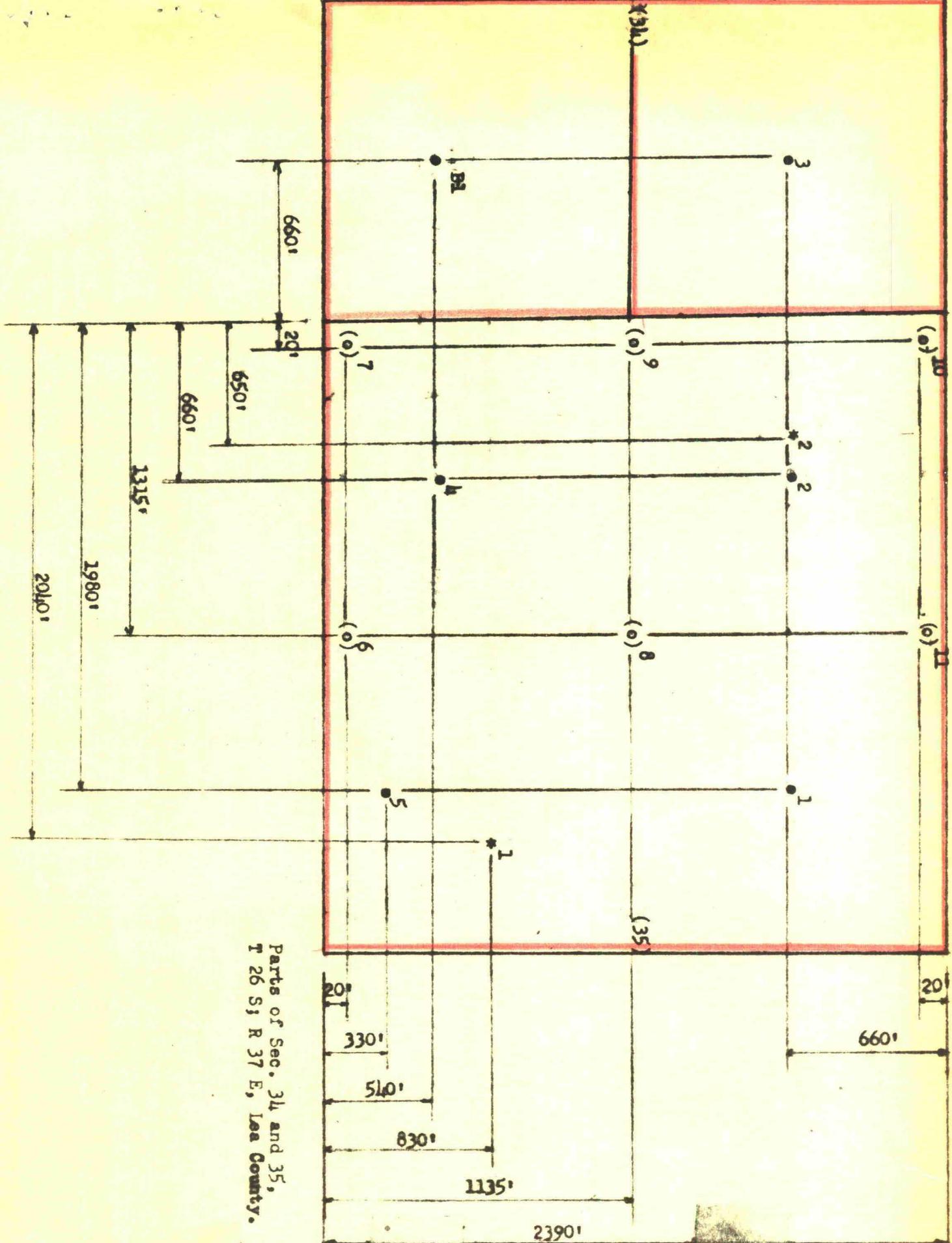
2390

LC 050107 (b)
Wells "B"

EC 050107 (a)
Wells "A"

- Legend:
- Producing Wells ●
 - Injection Wells (●)
 - Proposed Injection Wells (○)
 - Water Supply Wells *
 - Wood River Oil & Refg. Co. WR

Winkler County, Texas



Parts of Sec. 34 and 35,
T 26 S; R 37 E, Lea County.

Well No.		LOCATION OF WELLS		Subdivision
No.	Classification	Footage from -- Line of Sec. 35	Footage from W Line of Sec. 35	
1	•	660 FNL	1980	C
2	•	660 FNL	660	D
3	•	540 PSL	660	D
4	•	330 PSL	1980	F
5	•	20 PSL	1315	E
6	(o)	20 PSL	20	E
7	(o)	1135 PSL	1315	D
8	(o)	435 PSL	20	D
9	(o)	20 FNL	20	D
10	(o)	20 FNL	1315	C
11	(o)	20 FNL		
3	•	660 FNL	660	A
B-1	•	540 PSL	660	H
#1	*	Footage from -- Line of Sec. 35	Footage from W Line of Sec. 35	F
#2	*	830 PSL	2040	D
		660 FNL	650	

Legends: Producing Wells (•)
Proposed Injection Wells (o)
Water Supply Wells (*)

APPLICATION FOR AMENDMENT TO
NEW MEXICO CONSERVATION COMMISSION
CASE NO. 1610, ORDER NO. R-1352

July 3, 1959

To: New Mexico Conservation Commission
Santa Fe, New Mexico

Order 1352-A

Application for an order to: Amend order to change locations of
injection wells Nos. 8 and 9:

1. Name of Flood: Wills
Name of Field: Rhoads
Name of Lease Owner: Wood River Oil & Refining Co., Inc.
321 West Douglas, Wichita, Kansas

2. Description of Leases:

<u>U. S. SERIAL NO.</u>	<u>LEGAL DESCRIPTION</u>	<u>DATE OF LEASE</u>	<u>ACRES</u>
LC 050107 (b)	Lot 1, Sec. 34	12-19-38	32.74
LC 050107 (a)	NE/4 NE/4, Sec. 34; Lots 2, 3, 4; N/2 NW/4; NW/4 NE/4 Sec. 35 All in T-26S, R-37E Lea County, New Mexico	12-1-58	257.81

3. Production map attached as Exhibit "A" shows wells and leases in the area to be flooded. All well location measurements and location units are shown on Exhibit "B", (Amended).

Sec. 35, Twp. 36S, Rge. 37E, shown on Exhibit "B", is an irregular tract. The distance from the north to the south line is only 2390'. Our original application showed spacing for a regular 2640' half section.

In order to equally flood the producing wells it is necessary to move injection wells Nos. 8 and 9 approximately 180' south or 1135' from the south line instead of 1315' from the south line as shown on the original application.

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Respectfully submitted,

WOOD RIVER OIL & REFINING CO., INC.

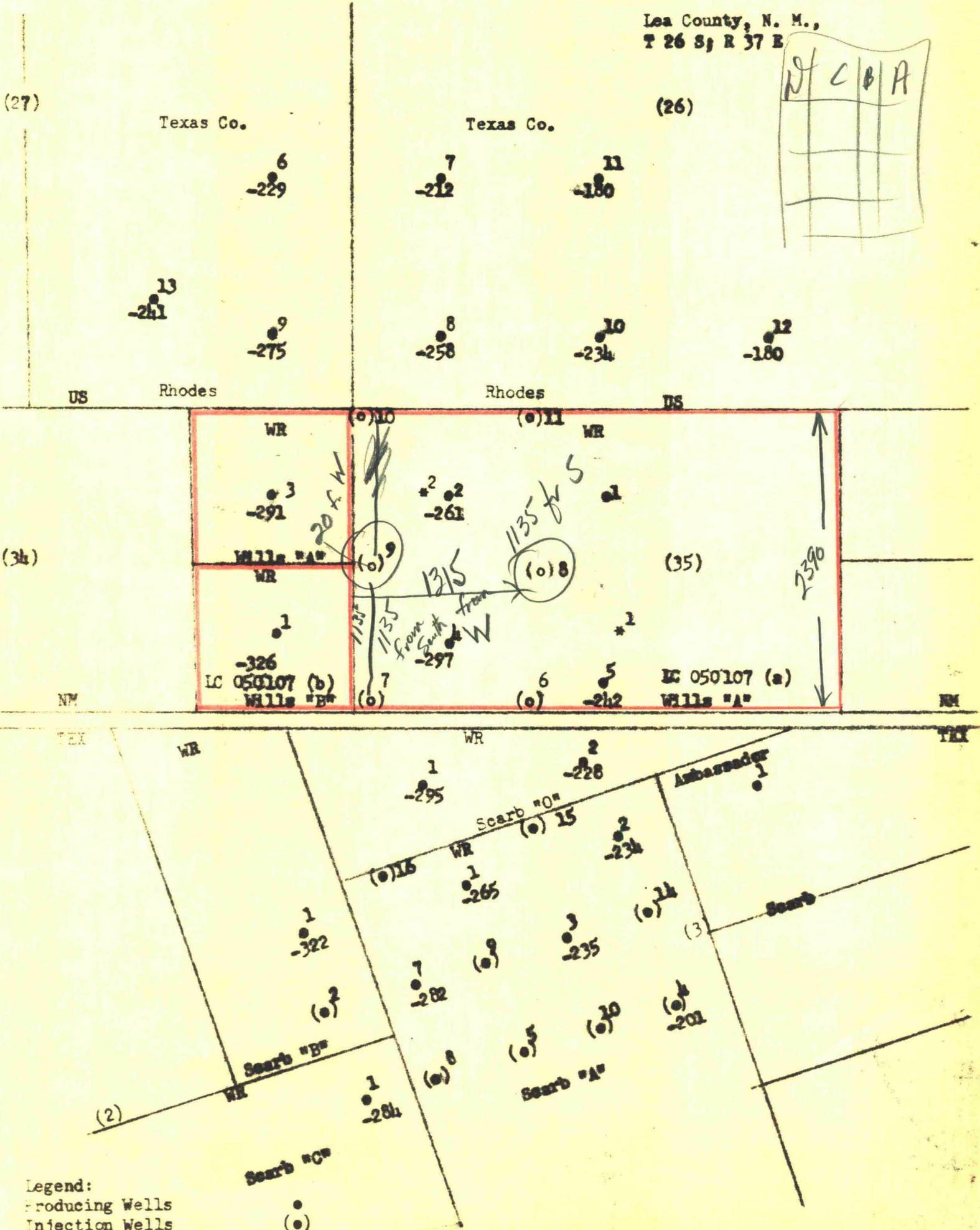
BY *C. G. Chapin*
C. G. Chapin

"APPLICANT"

EXHIBIT "A"

1792

PLAT SHOWING PARTS OF
RHODES FIELD IN LEA COUNTY, NEW MEXICO AND
NORTH SCARBOROUGH FIELD IN WINKLER COUNTY, TEXAS



Lea County, N. M.,
T 26 S, R 37 E

N	C	B	A

(27)

Texas Co.

Texas Co.

(26)

(34)

(35)

NM

NM

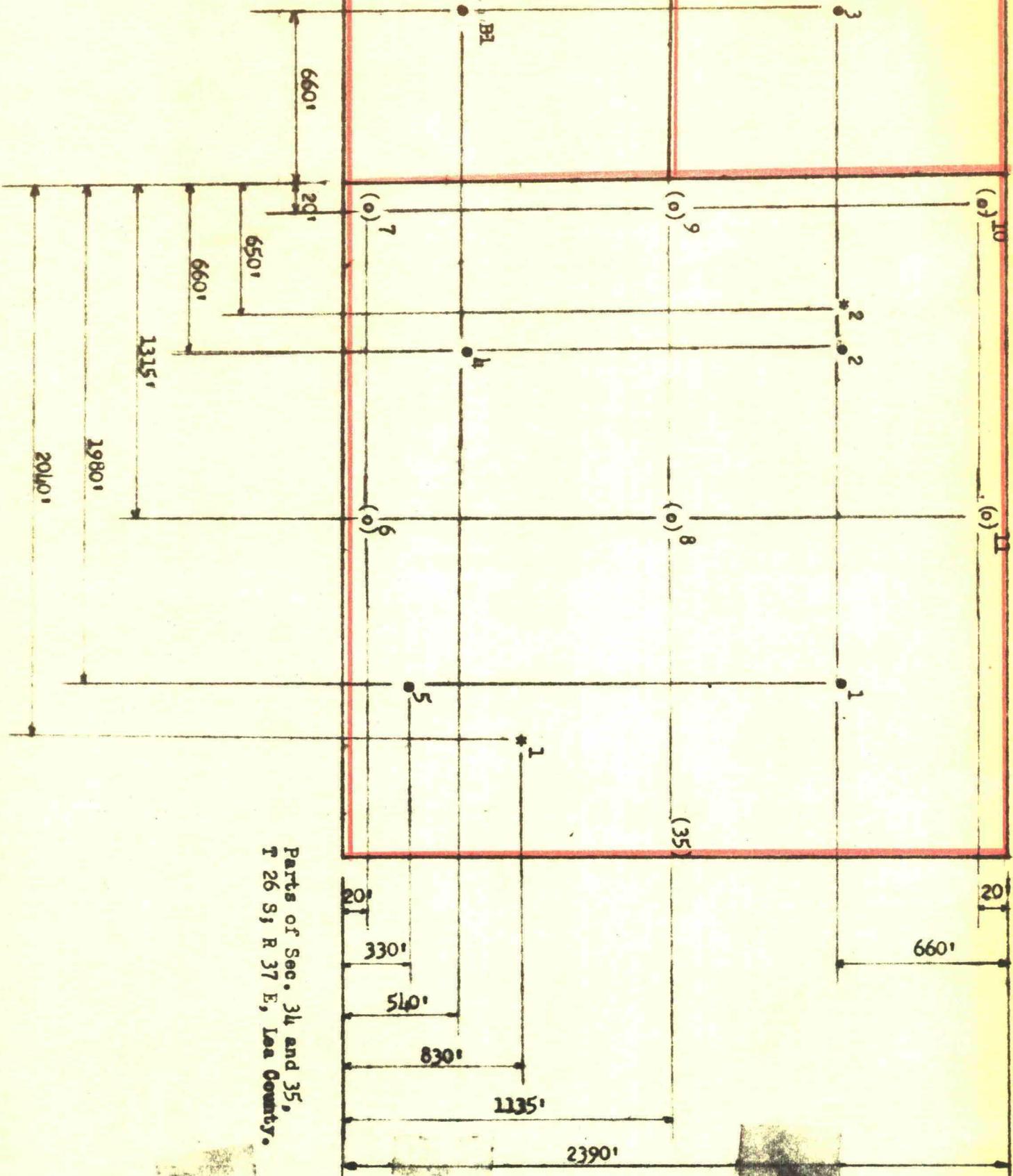
TEX

TEX

(2)

- Legend:
- Producing Wells ●
 - Injection Wells (●)
 - Proposed Injection Wells (○)
 - Water Supply Wells *
 - Wood River Oil & Refg. Co. WR

Winkler County, Texas
Blk. C-22 PSL Survey



Parts of Sec. 34 and 35,
T 26 S; R 37 E, Lea County.

LOCATION OF WELLS			
Well No.	Classification	Footage from W Lane of Sec. 35	Subdivision
1	(o)	1980	C
2	(o)	660	D
3	(o)	660	D
4	(o)	660	E
5	(o)	1980	F
6	(o)	1315	F
7	(o)	20	E
8	(o)	20	F
9	(o)	1315	D
10	(o)	20	D
11	(o)	20	C
12	(o)	1315	D
13	(o)	20	D
14	(o)	20	D
15	(o)	20	D
16	(o)	20	D
17	(o)	20	D
18	(o)	20	D
19	(o)	20	D
20	(o)	20	D
21	(o)	20	D
22	(o)	20	D
23	(o)	20	D
24	(o)	20	D
25	(o)	20	D
26	(o)	20	D
27	(o)	20	D
28	(o)	20	D
29	(o)	20	D
30	(o)	20	D
31	(o)	20	D
32	(o)	20	D
33	(o)	20	D
34	(o)	20	D
35	(o)	20	D
3	(o)	660	A
B-1	(o)	660	H
1	(o)	2040	F
2	(o)	650	D

Legend:
 Producing Wells (o)
 Proposed Injection Wells (o)
 Water Supply Wells *

APPLICATION FOR WATER FLOODING
OF PRODUCING FORMATION

Case 1610

To: New Mexico Oil Conservation Commission
Santa Fe, New Mexico

February 10, 1959

Application for an Order to include: (1) Authority of Install and Operate a Flood, (2) Granting Full Capacity Flood Allowable and (3) Exception to Spacing Rules for Proposed Injection Wells Nos. 6, 7, 9, 10 and 11, which locations are unorthodox, is herein submitted in triplicate as follows:

1. Name of Flood: Wills
Name of Field: Rhodes
Name of Lease Owner: Wood River Oil & Refining Co., Inc.
321 West Douglas, Wichita, Kansas

2. Description of Leases:

<u>U.S. SERIAL NO.</u>	<u>LEGAL DESCRIPTION</u>	<u>DATE OF LEASE</u>	<u>ACRES</u>
LC 050107 (b)	Lot 1, Sec. 3h	12-19-38	32.74
LC 050107 (a)	NE/4 NE/4, Sec. 3h; Lots 2, 3, 4; N/2 NW/4; NW/4 NE/4 Sec. 35 All in T-26S, R-37E Lea County, New Mexico	12-1-58	257.81

3. Production map attached as Exhibit "A" shows wells and leases in the area to be flooded. All well location measurements and location units are shown on Exhibit "B".

4. It is desired to flood the lower Yates (Penn Bennett) formation through perforations which range in depths from 3235' to 3310'.

Injection is desired to be made into well No's. 6, 7, 8, 9, 10 and 11 as shown on Exhibit "A".

5. Subsea Tops of producing formation are shown by (-) data on Exhibit "A".

6. Casing program for injection wells will be:

<u>SIZE</u>	<u>TOTAL LENGTH</u>	<u>SEAT DEPTH</u>	<u>GRADE</u>	<u>CEMENTED OR MUDDED</u>	<u>FOOTAGE BEHIND CEMENT</u>	<u>NUMBER SACKS CEMENT USED</u>
8 5/8	600'	600'	New	Cemented	600'	325
5 1/2	3370'	3370'	New	Cemented	600' and mudded to surface	125

7. Liquid desired to be used for flooding is fresh water produced from a depth of about 550'. Estimated water requirements are 1200 b/d minimum to 2000 b/d maximum. Injection water is to be introduced at the well head under 400 pounds minimum pressure to 1600 pounds maximum pressure.

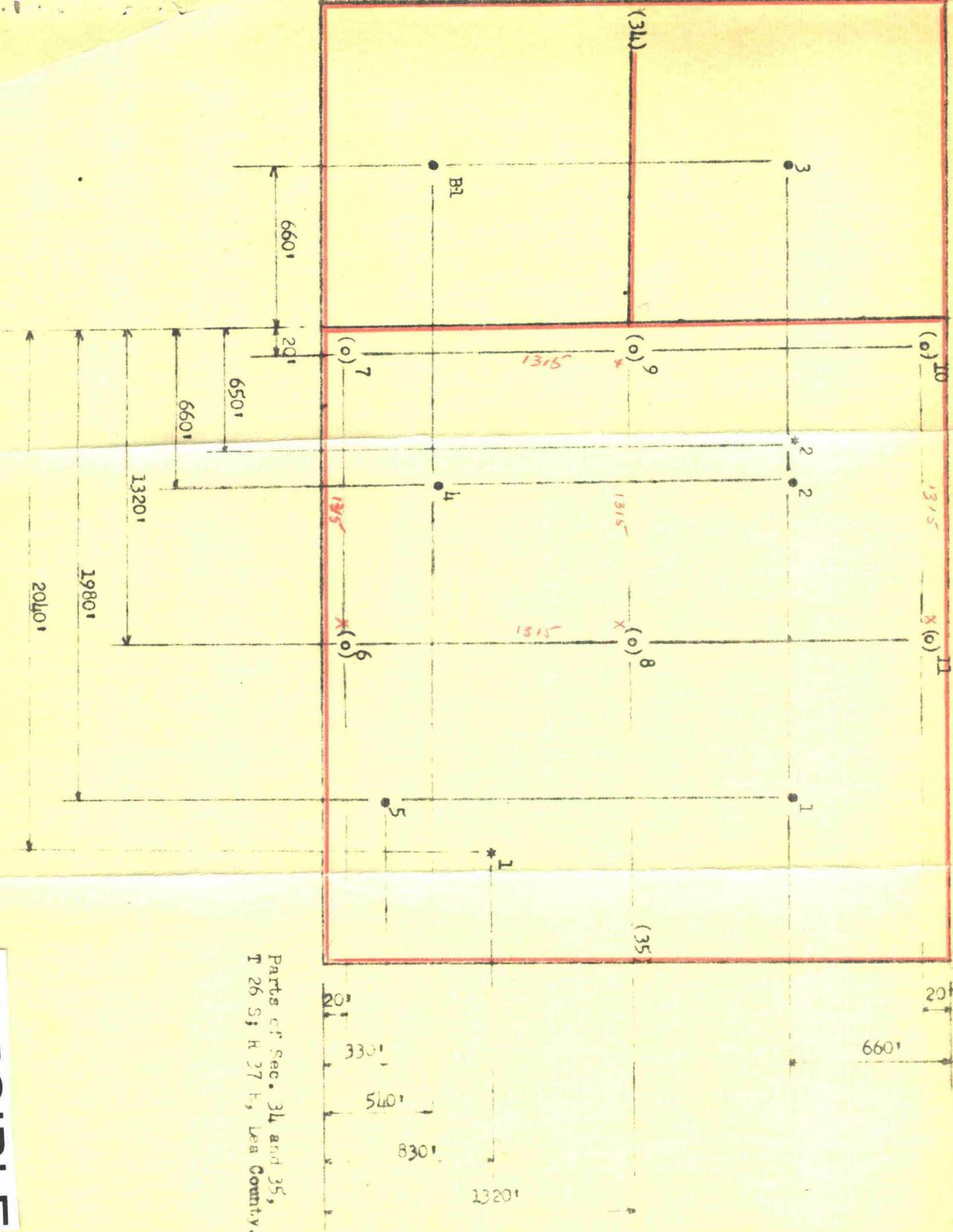
8. A copy of this Application has been sent to:

<u>NAME</u>	<u>ADDRESS</u>	<u>HOW SENT</u>
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John A. Anderson, USGS	Box 6721, Roswell, N. M.	Registered Mail
Harry Dupont, USGS	Box 1838, Hobbs, N. M.	Registered Mail
The Texas Co.	Midland, Texas	Registered Mail
The Texas Co.	Hobbs, N. M.	Registered Mail

Respectfully submitted,

WOOD RIVER OIL & REFINING CO., INC.

BY C. C. Chapin
C. C. Chapin



Parts of Sec. 34 and 35,
T 26 S; R 27 E, Lea County.

Well No.		LOCATION OF WELLS		Subdivision
Classification	Footage from - Line of Sec. 35	Footage from W Line of Sec. 35		
1	660 FNL	1980		C
2	660 FNL	660		D
3	540 FSL	660		E
4	330 FSL	1980		F
5	20 FSL	1320	1315	F
6	20 FSL	20	1315	E
7	20 FSL	20	1315	E
8	20 FSL	1320	1315	C
9	20 FSL	20	1315	D
10	20 FNL	20		D
11	20 FNL	1320	1315	C
3	660 FNL	660		A
B-1	540 FSL	660		H
*1	830 FSL	2040		F
*2	660 FNL	650		D

Legend:
 ● Producing Wells
 ○ Proposed Injection Wells
 * Water Supply Wells

ILLEGIBLE