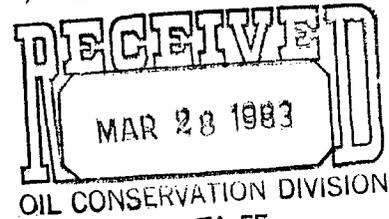


Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Marienfeld, Midland, Texas 79701
P.O. Box 671, Midland, Texas 79702
Telephone (915) 682-9731

UNION 



Midland District

March 4, 1983

SANTA FE

New Mexico Oil Conservation Commission
P. O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87501

Gentlemen:

Case 7886

SUBJECT:

Union Oil Company of California
Application for Administrative Approval
To Use the Wersell Federal No. 1
For Salt Water Disposal

Union Oil Company of California respectfully requests administrative approval to dispose of produced water into the Delaware formation on our Wersell Federal Well No. 1, Section 4, T-22-S, R-27-E, 810' FNL and 1980' FWL, Eddy County, New Mexico. We are proposing to perforate the lower Delaware salt water bearing formation and dually complete the well to produce oil from the upper oil bearing zone and dispose into the lower water bearing zone. We are proposing to dispose of approximately 500 BPD of Delaware production water into the disposal zone.

In support of this application, we enclose the following:

1. Completed Form C-108.
2. A map identifying the subject well, and all other wells within two miles of this well.
3. A table listing all wells within the one-half mile radius area of review, which have penetrated our proposed SWD interval. Note: There are no wells within area of review other than subject well.
4. A well data form and schematic diagram of all wells located within this area of review. Note: There are no wells within area of review other than subject well.
5. A water analysis of the produced water we are proposing to inject in the subject SWD well.
6. A "typical Delaware" water analysis taken from the producing zone in this well. (There are no lower Delaware completions in the area).
7. A water analysis of water taken from a shallow fresh water supply well located near the proposed SWD well.

New Mexico Oil Conservation Commission

Page 2

March 4, 1983

Wersell Federal Well No. 1

8. Copies of letters sent to leasehold operators.
9. Copies of letters sent to owners of the surface of the land on which the subject well is located.
10. A copy of our legal advertisement of this request, which was published in the Carlsbad Current Argus.

If you need additional information, please advise. Your early consideration of this request will be greatly appreciated.

Very truly yours,

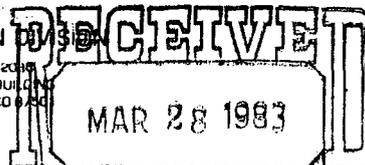


L. H. Pardue

District Production Superintendent

ECS:pd

Enclosures



Case 7886

APPLICATION FOR AUTHORIZATION TO INJECT

OIL CONSERVATION DIVISION

I. Purpose: Secondary Recovery Pressure Maintenance Disposal Storage
Application qualifies for administrative approval? yes no

II. Operator: Union Oil Company of California

Address: P. O. Box 671; Midland, Texas 79702

Contact party: Lon H. Pardue Phone: (915) 682-9731

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? yes no
If yes, give the Division order number authorizing the project _____

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Lon H. Pardue Title District Production Superintendent

Signature: Lon H. Pardue Date: March 4, 1983

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

Union Oil Company of California
Wersell Federal Well No. 1

- VII. (1) Proposed average daily injection rate - 100-200 BPD
Proposed maximum daily injection rate - 500 BPD
- (2) Whether system is open or closed: Closed
- (3) Proposed average injection pressure - 500 psi
Proposed maximum injection pressure - 1000 psi
- (4) Source of injection fluid is produced water from Delaware sand in this well. Analysis of injected water is attached.
- (5) Analysis of disposal zone water attached. Inferred to be the same as water from producing zone as in VII(4) above.
- IX Stimulation Program:
- Break down perforations 4822-4838' with 1000 gallons 7-1/2% HCl acid and displace acid.
- X. Well logs filed upon original completion of well.
- XI. Analysis from fresh water well attached. (Only one well within one-half mile).
- XII. Available geologic and engineering data has been examined and no evidence of open faults or any other hydrologic connection exists between the disposal zone and any underground source of drinking water.

UNION OIL WERSELL FEDERAL #1 GEOLOGIC SUMMARY

VIII. The proposed injection zone in the Union Oil Wersell Federal #1, Sec. 4, T-22-S, R-27-E, Eddy County, New Mexico is in the Delaware Sand of the Guadalupian Series of Permian Age. The top of the Delaware Sand is at 1926' (+1243') and the top of the underlying Bone Springs Formation of the Leonardian Series (Permian Age) is at 5,096' (-1926'). The proposed injection zone is in the interval from 4822-38'. This is a basinal facies. The proposed injections are in 100% tan to brown, fine-medium grained sand. An impervious shale zone overlies the proposed injection zone.

The only known possible sources of drinking water in the area are at relatively shallow depths less than 1926 feet in the Santa Rosa and Ogallala Formations of Tertiary age. There is no evidence of faulting in the area which could cause these possible sources of drinking water to be contaminated by any injections of salt water in the proposed interval.

Union Oil Company of California
Wersell Federal Well No. 1

III. Well Data

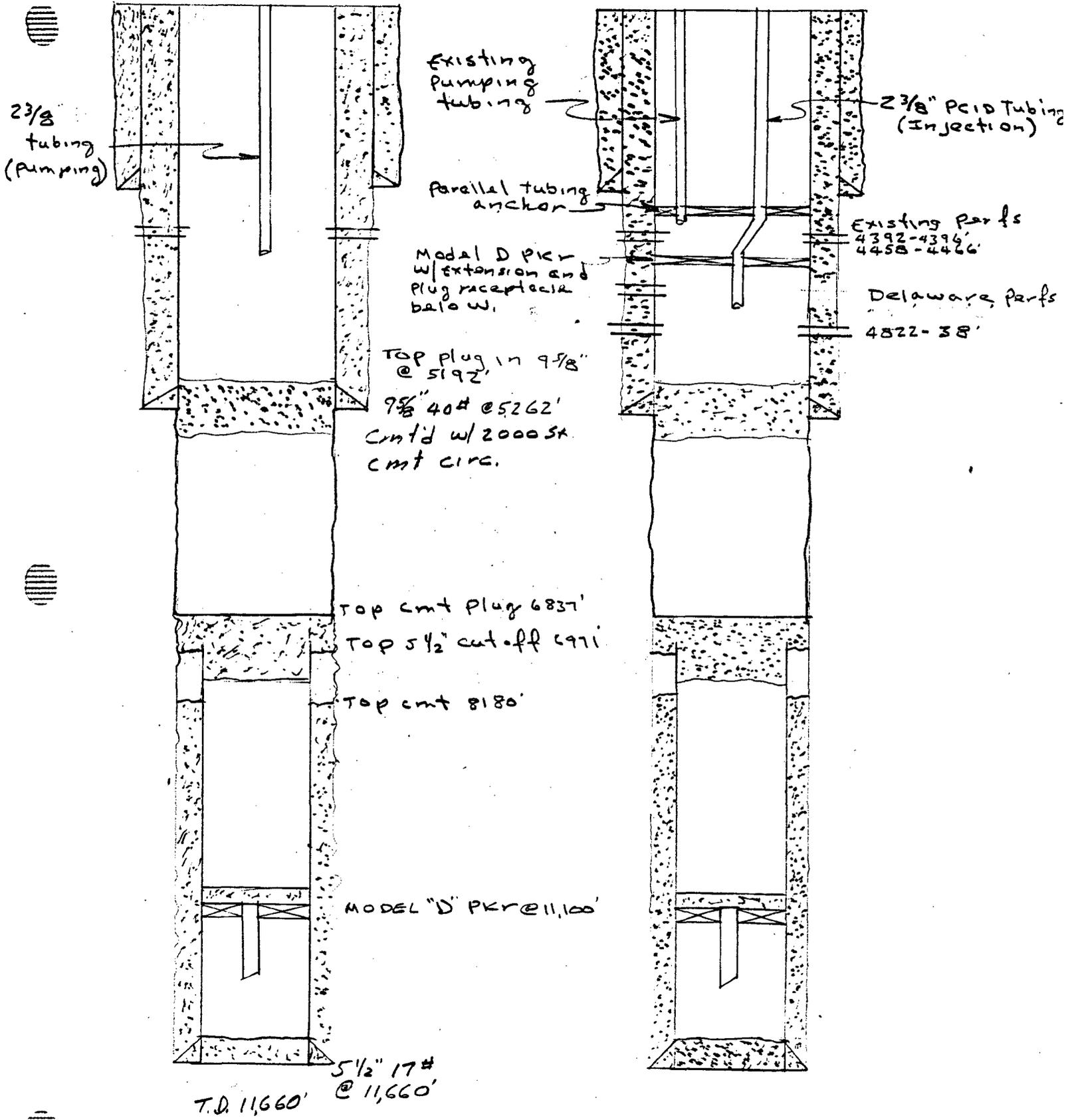
- A. (1) Lease Name: Wersell Federal Com.
Well No.: 1
Location: 810' FNL and 1980' FWL
Section 4, T-22-S, R-27-E
Eddy County, New Mexico
- (2) Casing Record:
13-3/8" set at 400', 17-1/2" hole, 600 sacks cement, TOC surface
9-5/8" set at 5262', 12-1/4" hole, 2400 sacks cement, TOC surface,
circulated
5-1/2" set at 11,660', 8-1/2" hole, 900 sacks cement, TOC 8180',
temperature survey. Top 5-1/2" casing 6971' cut off with
cement plug over top of cut-off; plug top 6837'
- (3) Tubing:
2-3/8" OD, EUE, 4.7#, internally plastic coated, set depth
approximately 4600'
- (4) Packer:
Baker Model "D", set depth approximately 4500'.
- B. (1) Injection Formation:
Delaware Sand, Esperanza (Delaware) Field
- (2) Injection Interval:
Perforations 4822-4838'
- (3) Well was drilled for oil production. It is proposed to dually
complete this well as a producer and disposal well.
- (4) Perforations for oil production at 4392-4396' and 4458-4466'.
Interval will be separated from disposal perforations by the
packer in A(4) above.
- (5) Depth of next higher oil zone is 4392-4396' (Delaware).
Depth of next lower gas zone is 11,268' (Morrow).

VI. No wells other than the subject well have been drilled within the area
of review.

WERSELL FED. COM. NO. 1

Existing

Proposed



P. O. BOX 1468
 MONAHAN'S, TEXAS 79756
 PH. 943-3234 OR 563-1040

Martin Water Laboratories, Inc.

709 W. INDIANA
 MIDLAND, TEXAS 79701
 PHONE 683-4521

RESULT OF WATER ANALYSES

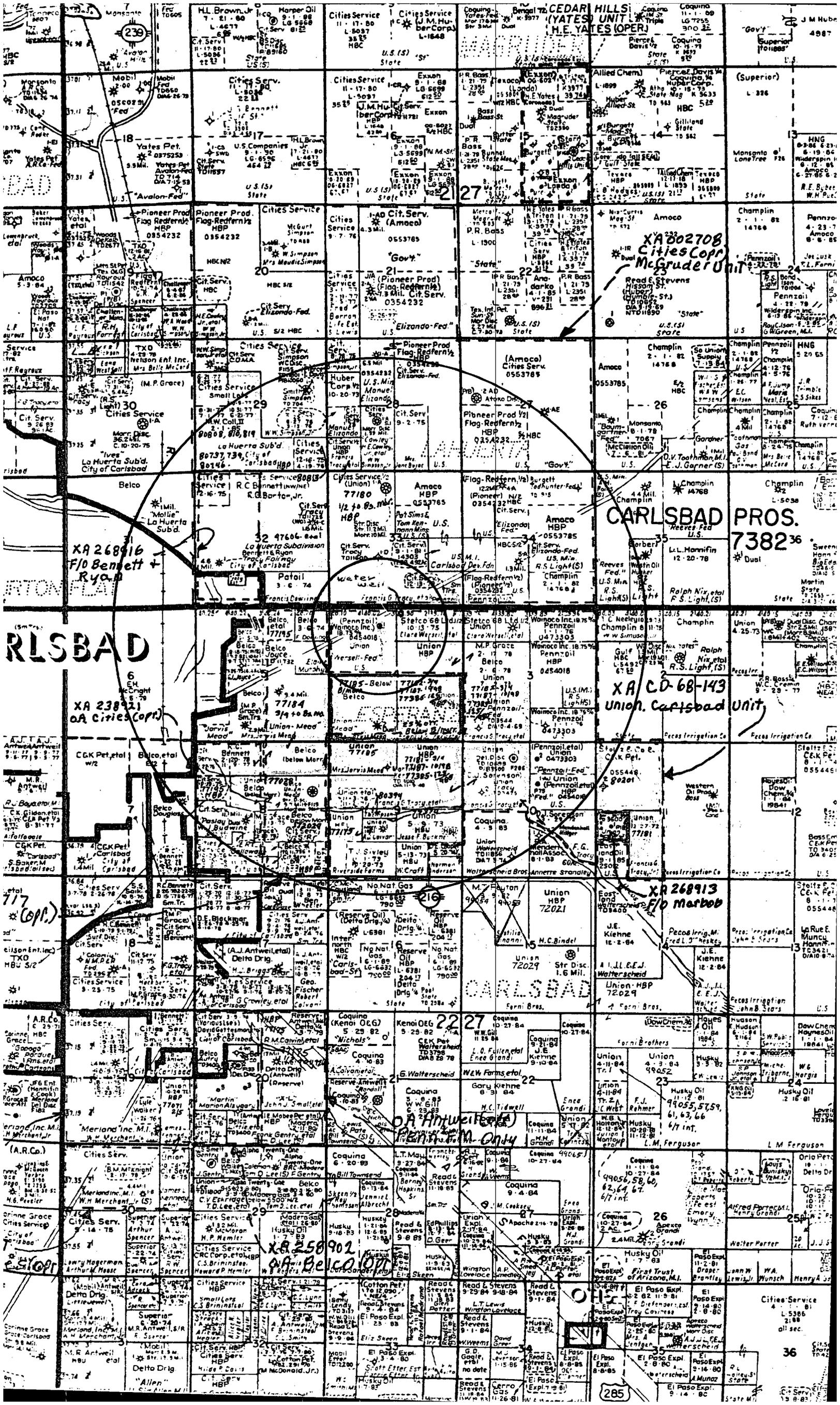
LABORATORY NO. 283313
 TO Mr. Steve Gault SAMPLE RECEIVED 2-15-83
P.O. Box 2867, Odessa, Texas RESULTS REPORTED 2-12-83

COMPANY Union Oil Company of California CASE Wirsell Fed
 FIELD OR POOL _____
 SECTION _____ BLOCK _____ SURVEY _____ COUNTY _____ STATE _____
 SOURCE OF SAMPLE AND DATE TAKEN
 NO. 1 Raw water - taken from water well. 2-14-83
 NO. 2 Produced water- taken from Wirsell Fed #1. 2-14-83
 NO. 3 _____
 NO. 4 _____

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0075	1.1627		
pH When Sampled				
pH When Received	7.4	5.9		
Bicarbonate as HCO ₃	215	68		
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	2,640	39,500		
Calcium as Ca	664	12,400		
Magnesium as Mg	238	2,066		
Sodium and/or Potassium	416	79,740		
Sulfate as SO ₄	2,198	485		
Chloride as Cl	767	150,560		
Iron as Fe	0.47	18.3		
Barium as Ba				
Turbidity Electric				
Color as Pt				
Total Solids, Calculated	4,498	245,319		
Temperature, °F				
Carbon Dioxide, Calculated				
Dissolved Oxygen, Winkler				
Hydrogen Sulfide				
Resistivity, ohms/m at 77° F	0.0	0.0		
Suspended Oil	2.33	0.056		
Filterable Solids as mg/l				
Volume Filtered, ml				
Results Reported As Milligrams Per Liter				
Additional Determinations And Remarks <u>We are not familiar with the objective or the area in</u> <u>involved herein. However, if we can be of any assistance in interpreting these results</u> <u>please contact us.</u>				

Waylan C. Martin, M. A.



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XA 268916
F/D Bennett + Ryo

RLSBAD

XA 238921
OA Cities (Capt)

CGK Pet, etal

717 (Opp)

(A.R.Co.)

(A.R.Co.)

(A.R.Co.)

(A.R.Co.)

(A.R.Co.)

(A.R.Co.)

32 47606 Real
La Huerta Subdiv
City of Carlsbad

Belco

Patrol
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Belco

Amoco
HBP
0553785

Amoco

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Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Marienfeld, Midland, Texas 79701
P.O. Box 671, Midland, Texas 79702
Telephone (915) 682-9731

UNION 

RECEIVED
MAR 28 1983
OIL CONSERVATION DIVISION
SANTA FE

Midland District

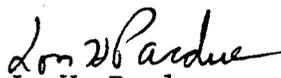
March 4, 1983

Paul H. Wersell
P. O. Box 666
Carlsbad, New Mexico 88220

Dear Mr. Wersell:

This is notification to you, as owner of the surface land, that Union Oil Company of California proposes to dually complete the Wersell Federal Well No. 1; Section 4; T-22-S; R-27-E; 810' FNL and 1980' FWL; Eddy County, New Mexico to a producer/water disposal well. Attached are copies of the applications for authorization to inject. Any objections or requests for hearing of administrative applications must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501, with 15 days from the date this application was mailed to you.

Very truly yours,



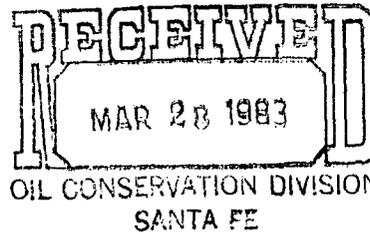
L. H. Pardue
District Production Superintendent

ECS:pd
Enclosures

Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Marienfeld, Midland, Texas 79701
Telephone (915) 682-9731

UNION 76



Midland District

March 23, 1983

Wainoco Oil and Gas Company
1200 Smith Street; Suite 1500
Houston, Texas 77002

Gentlemen:

SUBJECT:

Conversion by Dual Completion of
Union Oil Company of California's
Wersell Federal Well No. 1 to a
Producer/Water Disposal Well

This is notification to you, as a leasehold operator within one-half of the subject well's location, that Union Oil Company of California proposes to dually complete the Wersell Federal Well No. 1; Section 4; T-22-S; R-27-E; 810' FNL and 1980' FWL, Eddy County, New Mexico to a producer/water disposal well. Attached are copies of the applications for authorization to inject. Any objections or requests for hearing of administrative applications must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501, within 15 days from the date this application was mailed to you.

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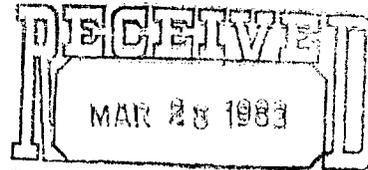
A handwritten signature in cursive script that reads "L. H. Pardue".

L. H. Pardue
District Production Superintendent

ECS:pd
Enclosures

Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Marienfeld, Midland, Texas 79701
Telephone (915) 682-9731



OIL CONSERVATION DIVISION

March 23, 1983 SANTA FE

Midland District

Pennzoil Company
P. O. Drawer 1828
Midland, Texas 79702

Gentlemen:

SUBJECT:

Conversion by Dual Completion of
Union Oil Company of California's
Wersell Federal Well No. 1 to a
Producer/Water Disposal Well

This is notification to you, as a leasehold operator within one-half of the subject well's location, that Union Oil Company of California proposes to dually complete the Wersell Federal Well No. 1; Section 4; T-22-S; R-27-E; 810' FNL and 1980' FWL, Eddy County, New Mexico to a producer/water disposal well. Attached are copies of the applications for authorization to inject. Any objections or requests for hearing of administrative applications must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501, within 15 days from the date this application was mailed to you.

Very truly yours,

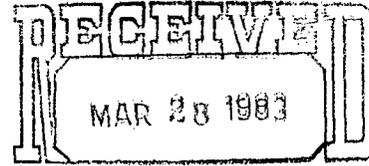
A handwritten signature in cursive script that reads "L. H. Pardue".

L. H. Pardue
District Production Superintendent

ECS:pd
Enclosures

Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Marienfeld, Midland, Texas 79701
Telephone (915) 682-9731



OIL CONSERVATION DIVISION
SANTA FE

Midland District

March 23, 1983

David J. Sorensen
P. O. Box 1453
Roswell, New Mexico 88201

Gentlemen:

SUBJECT:

Conversion by Dual Completion of
Union Oil Company of California's
Wersell Federal Well No. 1 to a
Producer/Water Disposal Well

This is notification to you, as a leasehold operator within one-half of the subject well's location, that Union Oil Company of California proposes to dually complete the Wersell Federal Well No. 1; Section 4; T-22-S; R-27-E; 810' FNL and 1980' FWL, Eddy County, New Mexico to a producer/water disposal well. Attached are copies of the applications for authorization to inject. Any objections or requests for hearing of administrative applications must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501, within 15 days from the date this application was mailed to you.

Very truly yours,

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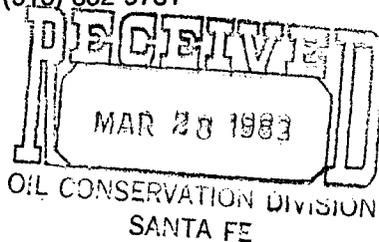
L. H. Pardue
District Production Superintendent

ECS:pd
Enclosures

Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Marienfeld, Midland, Texas 79701
Telephone (915) 682-9731

UNION 76



Midland District

March 23, 1983

Belco Petroleum Corp.
411 Petroleum Building
Midland, Texas 79701

Gentlemen:

SUBJECT:

Conversion by Dual Completion of
Union Oil Company of California's
Wersell Federal Well No. 1 to a
Producer/Water Disposal Well

This is notification to you, as a leasehold operator within one-half of the subject well's location, that Union Oil Company of California proposes to dually complete the Wersell Federal Well No. 1; Section 4; T-22-S; R-27-E; 810' FNL and 1980' FWL, Eddy County, New Mexico to a producer/water disposal well. Attached are copies of the applications for authorization to inject. Any objections or requests for hearing of administrative applications must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501, within 15 days from the date this application was mailed to you.

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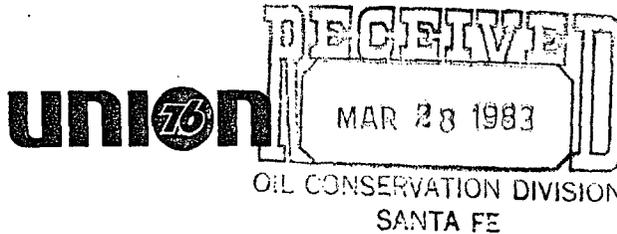
A handwritten signature in cursive script that reads "L. H. Pardue".

L. H. Pardue
District Production Superintendent

ECS:pd
Enclosures

Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Marienfeld, Midland, Texas 79701
Telephone (915) 682-9731



Midland District

March 23, 1983

Cities Service Company
P. O. Box 1919
Midland, Texas 79702

Gentlemen:

SUBJECT:

Conversion by Dual Completion of
Union Oil Company of California's
Wersell Federal Well No. 1 to a
Producer/Water Disposal Well

This is notification to you, as a leasehold operator within one-half of the subject well's location, that Union Oil Company of California proposes to dually complete the Wersell Federal Well No. 1; Section 4; T-22-S; R-27-E; 810' FNL and 1980' FWL, Eddy County, New Mexico to a producer/water disposal well. Attached are copies of the applications for authorization to inject. Any objections or requests for hearing of administrative applications must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501, within 15 days from the date this application was mailed to you.

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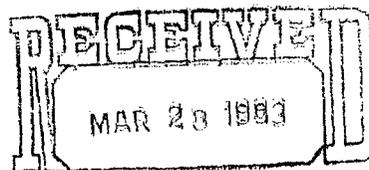
L. H. Pardue
District Production Superintendent

ECS:pd
Enclosures

Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Marienfeld, Midland, Texas 79701
Telephone (915) 682-9731

UNION 76



OIL CONSERVATION DIVISION
SANTA FE

Midland District

March 23, 1983

Amoco Production Company
P. O. Box 3092
Houston, Texas 77253

Gentlemen:

SUBJECT:

Conversion by Dual Completion of
Union Oil Company of California's
Wersell Federal Well No. 1 to a
Producer/Water Disposal Well

This is notification to you, as a leasehold operator within one-half of the subject well's location, that Union Oil Company of California proposes to dually complete the Wersell Federal Well No. 1; Section 4; T-22-S; R-27-E; 810' FNL and 1980' FWL, Eddy County, New Mexico to a producer/water disposal well. Attached are copies of the applications for authorization to inject. Any objections or requests for hearing of administrative applications must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501, within 15 days from the date this application was mailed to you.

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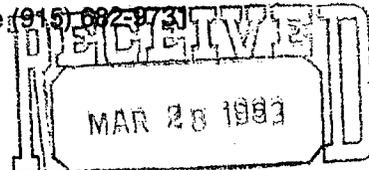
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L. H. Pardue
District Production Superintendent

ECS:pd
Enclosures

Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Marienfeld, Midland, Texas 79701
Telephone (915) 682-9731



OIL CONSERVATION DIVISION
SANTA FE

Midland District

March 23, 1983

Flag-Redfern Oil Company
P. O. Box 11050
Midland, Texas 79702

Gentlemen:

SUBJECT:

Conversion by Dual Completion of
Union Oil Company of California's
Wersell Federal Well No. 1 to a
Producer/Water Disposal Well

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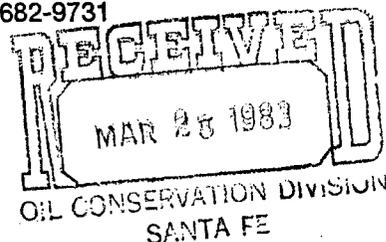
Very truly yours,

L. H. Pardue
District Production Superintendent

ECS:pd
Enclosures

Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Marienfeld, Midland, Texas 79701
Telephone (915) 682-9731



Midland District

March 23, 1983

Pioneer Production Company
1303 First National Bank Bldg.
Midland, Texas 79701

Gentlemen:

SUBJECT:

Conversion by Dual Completion of
Union Oil Company of California's
Wersell Federal Well No. 1 to a
Producer/Water Disposal Well

This is notification to you, as a leasehold operator within one-half of the subject well's location, that Union Oil Company of California proposes to dually complete the Wersell Federal Well No. 1; Section 4; T-22-S; R-27-E; 810' FNL and 1980' FWL, Eddy County, New Mexico to a producer/water disposal well. Attached are copies of the applications for authorization to inject. Any objections or requests for hearing of administrative applications must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501, within 15 days from the date this application was mailed to you.

Very truly yours,

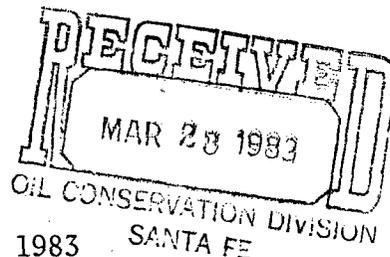
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L. H. Pardue
District Production Superintendent

ECS:pd
Enclosures

Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Marienfeld, Midland, Texas 79701
Telephone (915) 682-9731



Midland District

March 23, 1983

Champlin Petroleum Company
300 Wilco Building
Midland, Texas 79701

Gentlemen:

SUBJECT:

Conversion by Dual Completion of
Union Oil Company of California's
Wersell Federal Well No. 1 to a
Producer/Water Disposal Well

This is notification to you, as a leasehold operator within one-half of the subject well's location, that Union Oil Company of California proposes to dually complete the Wersell Federal Well No. 1; Section 4; T-22-S; R-27-E; 810' FNL and 1980' FWL, Eddy County, New Mexico to a producer/water disposal well. Attached are copies of the applications for authorization to inject. Any objections or requests for hearing of administrative applications must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501, within 15 days from the date this application was mailed to you.

Very truly yours,

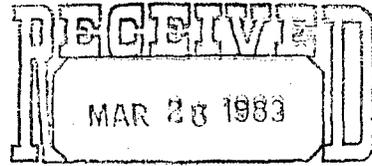
A handwritten signature in cursive script that reads "L. H. Pardue".

L. H. Pardue
District Production Superintendent

ECS:pd
Enclosures

Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Mariefeld, Midland, Texas 79701
Telephone (915) 682-9731



OIL CONSERVATION DIVISION
SANTA FE

Midland District

March 23, 1983

Patoil
P. O. Box 3814
Midland, Texas 79702

Gentlemen:

SUBJECT:

Conversion by Dual Completion of
Union Oil Company of California's
Wersell Federal Well No. 1 to a
Producer/Water Disposal Well

This is notification to you, as a leasehold operator within one-half of the subject well's location, that Union Oil Company of California proposes to dually complete the Wersell Federal Well No. 1; Section 4; T-22-S; R-27-E; 810' FNL and 1980' FWL, Eddy County, New Mexico to a producer/water disposal well. Attached are copies of the applications for authorization to inject. Any objections or requests for hearing of administrative applications must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501, within 15 days from the date this application was mailed to you.

Very truly yours,

A handwritten signature in cursive script that reads "L. H. Pardue".

L. H. Pardue
District Production Superintendent

ECS:pd
Enclosures

P 220 602 870

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO	
Paul H. Wersell	
STREET AND NO.	
P.O., STATE AND ZIP CODE	
POSTAGE	\$
CERTIFIED FEE	¢
SPECIAL DELIVERY	¢
RESTRICTED DELIVERY	¢
OPTIONAL SERVICES	
RETURN RECEIPT SERVICE	¢
SHOW TO WHOM AND DATE DELIVERED	¢
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES	\$
POSTMARK OR DATE	

MAR 23 1983 TX

P 220 602 872

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO	
Pennzoil Company	
STREET AND NO.	
P.O., STATE AND ZIP CODE	
POSTAGE	\$
CERTIFIED FEE	¢
SPECIAL DELIVERY	¢
RESTRICTED DELIVERY	¢
OPTIONAL SERVICES	
RETURN RECEIPT SERVICE	¢
SHOW TO WHOM AND DATE DELIVERED	¢
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES	\$
POSTMARK OR DATE	

MAR 23 1983 TX

PS Form 3800, Apr. 1976

P 220 602 871

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO	
Wainoco Oil & Gas Co.	
STREET AND NO.	
P.O., STATE AND ZIP CODE	
POSTAGE	\$
CERTIFIED FEE	¢
SPECIAL DELIVERY	¢
RESTRICTED DELIVERY	¢
OPTIONAL SERVICES	
RETURN RECEIPT SERVICE	¢
SHOW TO WHOM AND DATE DELIVERED	¢
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES	\$
POSTMARK OR DATE	

MAR 23 1983 TX

P 220 602 873

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO	
David J. Sorensen	
STREET AND NO.	
P.O., STATE AND ZIP CODE	
POSTAGE	\$
CERTIFIED FEE	¢
SPECIAL DELIVERY	¢
RESTRICTED DELIVERY	¢
OPTIONAL SERVICES	
RETURN RECEIPT SERVICE	¢
SHOW TO WHOM AND DATE DELIVERED	¢
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES	\$
POSTMARK OR DATE	

MAR 23 1983 TX

PS Form 3800, Apr. 1976

P 220 602 880

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO	
Patoil	
STREET AND NO.	
P.O., STATE AND ZIP CODE	
POSTAGE	\$
CONSULT POSTMASTER FOR FEES	
CERTIFIED FEE	€
SPECIAL DELIVERY	€
RESTRICTED DELIVERY	€
OPTIONAL SERVICES	
RETURN RECEIPT SERVICE	€
SHOW TO WHOM AND DATE DELIVERED	€
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	€
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	€
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	€
TOTAL POSTAGE AND FEES	\$
POSTMARK OR DATE	MAR 23 1983 TX

PS Form 3800, Apr. 1976

P 220 602 878

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO	
Pioneer Production Co.	
STREET AND NO.	
P.O., STATE AND ZIP CODE	
POSTAGE	\$
CONSULT POSTMASTER FOR FEES	
CERTIFIED FEE	€
SPECIAL DELIVERY	€
RESTRICTED DELIVERY	€
OPTIONAL SERVICES	
RETURN RECEIPT SERVICE	€
SHOW TO WHOM AND DATE DELIVERED	€
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	€
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	€
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	€
TOTAL POSTAGE AND FEES	\$
POSTMARK OR DATE	MAR 23 1983 TX

P 220 602 879

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO	
Champlin Petroleum Co.	
STREET AND NO.	
P.O., STATE AND ZIP CODE	
POSTAGE	\$
CONSULT POSTMASTER FOR FEES	
CERTIFIED FEE	€
SPECIAL DELIVERY	€
RESTRICTED DELIVERY	€
OPTIONAL SERVICES	
RETURN RECEIPT SERVICE	€
SHOW TO WHOM AND DATE DELIVERED	€
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	€
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	€
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	€
TOTAL POSTAGE AND FEES	\$
POSTMARK OR DATE	MAR 23 1983 TX

P 220 602 877

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO	
Flag-Redfern Oil Company	
STREET AND NO.	
P.O., STATE AND ZIP CODE	
POSTAGE	\$
CONSULT POSTMASTER FOR FEES	
CERTIFIED FEE	€
SPECIAL DELIVERY	€
RESTRICTED DELIVERY	€
OPTIONAL SERVICES	
RETURN RECEIPT SERVICE	€
SHOW TO WHOM AND DATE DELIVERED	€
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	€
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	€
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	€
TOTAL POSTAGE AND FEES	\$
POSTMARK OR DATE	MAR 23 1983 TX

PS Form 3800, Apr. 1976

P 220 602 876

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO			
Amoco Production Co.			
STREET AND NO.			
P.O., STATE AND ZIP CODE			
POSTAGE	\$		
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	¢	
	SPECIAL DELIVERY	¢	
	RESTRICTED DELIVERY	¢	
	OPTIONAL SERVICES	RETURN RECEIPT SERVICE	¢
		SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢	
RETURN RECEIPT SERVICE	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢	
TOTAL POSTAGE AND FEES	\$		
POSTMARK OR DATE	MAR 23 1983 TX		

PS Form 3800, Apr. 1976

P 220 602 874

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO			
Belco Petroleum Corp.			
STREET AND NO.			
P.O., STATE AND ZIP CODE			
POSTAGE	\$		
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	¢	
	SPECIAL DELIVERY	¢	
	RESTRICTED DELIVERY	¢	
	OPTIONAL SERVICES	RETURN RECEIPT SERVICE	¢
		SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢	
RETURN RECEIPT SERVICE	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢	
TOTAL POSTAGE AND FEES	\$		
POSTMARK OR DATE	MAR 23 1983 TX		

PS Form 3800, Apr. 1976

P 220 602 875

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO			
Cities Service Company			
STREET AND NO.			
P.O., STATE AND ZIP CODE			
POSTAGE	\$		
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	¢	
	SPECIAL DELIVERY	¢	
	RESTRICTED DELIVERY	¢	
	OPTIONAL SERVICES	RETURN RECEIPT SERVICE	¢
		SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢	
RETURN RECEIPT SERVICE	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢	
TOTAL POSTAGE AND FEES	\$		
POSTMARK OR DATE	MAR 23 1983 TX		

PS Form 3800, Apr. 1976

Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Marienfeld, Midland, Texas 79701
P.O. Box 671, Midland, Texas 79702
Telephone (915) 682-9731



Midland District

March 4, 1983

Carlsbad Current-Argus
620 South Main and Trust
Carlsbad, New Mexico 88220

Gentlemen:

Please publish the following in the Legal Notice section of your newspaper one day during the week of March 7 - 12, 1983.

NOTICE

To Whom It May Concern:

Union Oil Company of California proposes to convert the following well to a dual produced water disposal well and oil producing well:

Wersell Federal Well No. 1, Section 4, T-22-S, R-27-E, 810' FNL and 1980' FWL, Eddy County, New Mexico

The intended purpose of the injection well is to dispose Delaware produced water into the lower Delaware formation at a depth between 4822' and 4838'. The estimated maximum injection pressure and rate will be 1000 psi and 500 BPD, respectively. Interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501, within 15 days from the date of this publication.

For further information, contact Lon Pardue at Union Oil Company of California, P. O. Box 671, Midland, Texas 79701, or telephone (915) 682-9731.

Please send a copy of this publication, an affidavit of publication, and the invoice to Union Oil Company of California, Attn: Lon Pardue, P. O. Box 671, Midland, Texas 79702.

Very truly yours,

A handwritten signature in cursive script that reads "Lon H. Pardue".

L. H. Pardue
District Production Superintendent

pd

Affidavit of Publication

State of New Mexico,
County of Eddy, ss.

E. C. Cantwell, being first duly sworn,
on oath says:

That he is publisher of the Carlsbad Current-Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the state wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

March 9	_____	, 19	<u>83</u>
_____	_____	, 19	_____
_____	_____	, 19	_____
_____	_____	, 19	_____
			7.32

that the cost of publication is \$ _____,
and that payment thereof has been made
and will be assessed as court costs.

E C Cantwell

Subscribed and sworn to before me this

14 day of March, 19 83

Donella Taylor

My commission expires 5-27-84

Notary Public

March 9, 1983
NOTICE:
To Whom It May Concern:
Union Oil Company of California pro-
poses to convert the following well to
a dual produced water disposal well
and oil producing well:
Wersell Federal Well No. 1, Section 4,
T-22-S, R-27-E, 810' FNI, and 1980'
FWI, Eddy County, New Mexico
The intended purpose of the injection
well is to dispose Delaware produced
waste into the lower Delaware forma-
tion at a depth between 4822' and
4838'. The estimated maximum injec-
tion pressure and rate will be 1000 psi

and 500 BPD, respectively. Interested
parties must file objections or requests
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Division, P.O. Box 2088, Santa Fe,
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Pardue at Union Oil Company of Cali-
fornia, P.O. Box 671, Midland, Texas
79701, or telephone (915) 682-9731.