

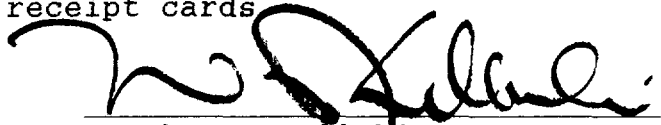
STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE APPLICATION
OF WALLEN PRODUCTION COMPANY FOR
WATERFLOOD PROJECT,
LEA COUNTY, NEW MEXICO

CASE NO. 9736

CERTIFICATE OF MAILING
AND
COMPLIANCE WITH ORDER R-8054

In accordance with Division Rule 1207 (Order R-8054) I hereby certify that on July 26, 1989, I caused to be mailed by certified mail, return-receipt requested, notice of this hearing and a copy of the application for the above referenced case along with the cover letter, at least twenty days prior to the hearing set for August 23, 1989 to the parties shown in the application as evidenced by the attached copy of the return receipt cards


W. Thomas Kellahin

SUBSCRIBED AND SWORN TO before me this 21st day of August, 1989.


Notary Public

My Commission Expires:

March 3, 1992

BEFORE EXAMINER STOGNER	
OIL CONSERVATION DIVISION	
<u>Wallen</u>	EXHIBIT NO. <u>4</u>
CASE NO.	<u>9736</u>

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.
1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:		4. Article Number	
FI-RO Corporation P.O. Box 8148 Roswell, NM 88201		P 103 899 138	
Type of Service:		☐ Registered ☒ Certified ☐ Express Mail ☐ Insured ☐ COD ☐ Return Receipt for Merchandise	
Always obtain signature of addressee or agent and DATE DELIVERED.			
5. Signature — Address X <i>[Signature]</i>		8. Addressee's Address (ONLY if requested and fee paid)	
6. Signature — Agent X			
7. Date of Delivery			

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

WTK/Wallen/Tonto #7

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.
1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:		4. Article Number	
Oil Conservation Division State Land Office Attn: Land Commissioner P.O. Box 1148 Santa Fe, NM 87501		P 103 899 136	
Type of Service:		☐ Registered ☒ Certified ☐ Express Mail ☐ Insured ☐ COD ☐ Return Receipt for Merchandise	
Always obtain signature of addressee or agent and DATE DELIVERED.			
5. Signature — Address X <i>[Signature]</i>		8. Addressee's Address (ONLY if requested and fee paid)	
6. Signature — Agent X			
7. Date of Delivery			

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.
1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:		4. Article Number	
Bureau of Land Mgmt Roswell Dist Office Attn: Dist Mgr P.O. Box 1397 Roswell, NM 88201-1397		P 103 899 135	
Type of Service:		☐ Registered ☒ Certified ☐ Express Mail ☐ Insured ☐ COD ☐ Return Receipt for Merchandise	
Always obtain signature of addressee or agent and DATE DELIVERED.			
5. Signature — Address X		8. Addressee's Address (ONLY if requested and fee paid)	
6. Signature — Agent X			
7. Date of Delivery			

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

WTK/Wallen/Tonto #7

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.
1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:		4. Article Number	
Union Oil Co of Calif. 4000 N. Big Spring Suite 300 Midland, TX 79702		P 103 899 139	
Type of Service:		☐ Registered ☒ Certified ☐ Express Mail ☐ Insured ☐ COD ☐ Return Receipt for Merchandise	
Always obtain signature of addressee or agent and DATE DELIVERED.			
5. Signature — Address X		8. Addressee's Address (ONLY if requested and fee paid)	
6. Signature — Agent X <i>[Signature]</i>			
7. Date of Delivery 7-28-89			

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

WTK/Wallen/onto #7

WTK/Wallen/onto #7

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for rates and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: Mr. Jerry Sexton
Oil Conservation Division
Post Office Box 1980
Hobbs, NM 88240

4. Article Number P 103 899 141

Type of Service: ☐ Registered ☐ Insured ☐ Certified ☐ COD ☒ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Address *[Signature]*

6. Signature - Agent *[Signature]*

7. Date of Delivery 8.2.89

8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for rates and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: Mr. Jerry Sexton
OCD
P.O. Box 1980
Hobbs, NM 88240

4. Article Number P 103 899 134

Type of Service: ☐ Registered ☐ Insured ☐ Certified ☐ COD ☒ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Address *[Signature]*

6. Signature - Agent *[Signature]*

7. Date of Delivery

8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for rates and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: Kaiser-Francis Oil Co.
P.O. Box 21468
Tulsa, OK 79121
Attn: Jim Wakefield

4. Article Number P-103 899 140

Type of Service: ☐ Registered ☐ Insured ☒ Certified ☐ COD ☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Address *[Signature]*

6. Signature - Agent *[Signature]*

7. Date of Delivery

8. Addressee's Address (ONLY if requested and fee paid)
WINDOW SERVICE
US POSTAL SERVICE
333 W. 4th 1st FL
Tulsa, OK 74103-9612

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for rates and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: Mr. Jerry Sexton
Oil Conservation Division
Post Office Box 1980
Hobbs, NM 88240

4. Article Number P 103 899 141

Type of Service: ☐ Registered ☐ Insured ☐ Certified ☐ COD ☒ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Address *[Signature]*

6. Signature - Agent *[Signature]*

7. Date of Delivery 8.2.89

8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ yes ☒ no
- II. Operator: Wallen Production Company
Address: P.O. Box 1960 Midland, Texas 79702
Contact party: Walter W. Krug Phone: 915-683-2600
- 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 (and any other 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 intersected underlying the injection interval.
- IX. Describe the proposed stimulation program, if any Wallen EXHIBIT NO. 3
- * X. Attach appropriate logging and test data on the well. If well logs have been filed with the Division they need not be resubmitted.) CASE NO. 9736
- * 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: W. Thomas Kellam Title Attorney

Signature: [Signature] Date: July 24, 1989

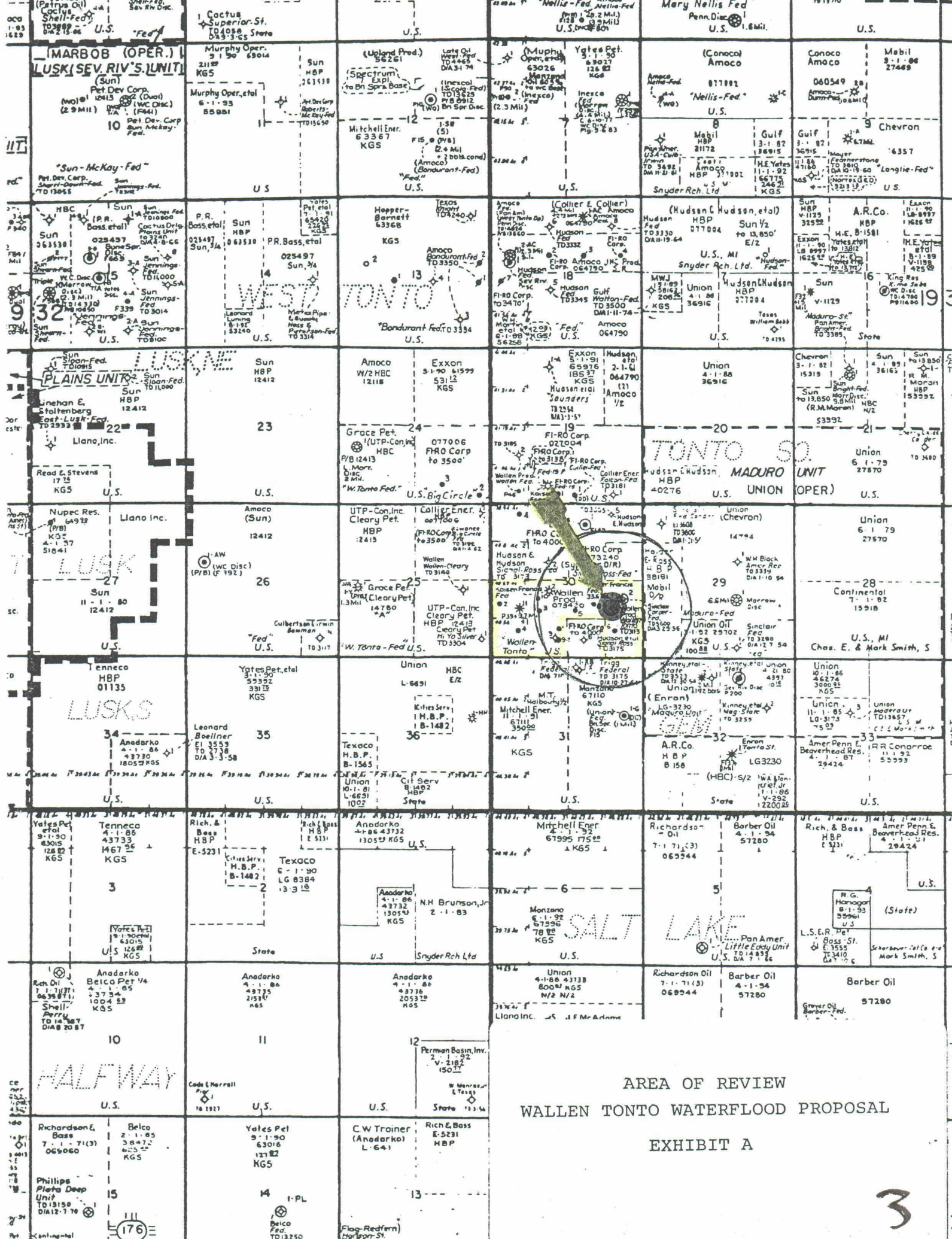
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

WALLEN PRODUCTION COMPANY

Proposed Wallen Tonto Waterflood
Wallen Tonto #7 WIW
Section 30, T19S, R33E
Lea County, New Mexico

List of Exhibits - Form C-108

Exhibit A	Map required by Paragraph V
Exhibit B	Tabular Summary required by Paragraph VI
Exhibit C	Data Sheet required by Paragraph VII
Exhibit D	Geological Data - Paragraph VIII
Exhibit E	Log of Injection Well
Exhibit F	Data Sheet on Proposed Injection Well
Exhibit G	Schematic of Proposed Injection Well
Exhibit H	Schematic of P&A Wells within Area of Review
Exhibit I	Water Analysis Produced Water to be re-injected
Exhibit J	Statement per Paragraph XII
Exhibit K	Notice Requirements



AREA OF REVIEW
WALLEN TONTO WATERFLOOD PROPOSAL
EXHIBIT A

WALLEN PRODUCTION COMPANY

Proposed Wallen Tonto Waterflood
Wallen Tonto #7 WIW
Section 30, T19S, R33E
Lea County, New Mexico

Exhibit C

Data on Proposed Operation

1. Proposed average and maximum daily rate and volume of fluids to be injected:

Average daily rate of 200 BWIPD
Maximum daily rate of 400 BWIPD

2. System is closed.
3. Proposed Average Injection Pressure: 600 psig
Proposed Maximum Injection Pressure: 1000 psig

The proposed average and maximum injection pressures are to be determined from step rate tests to be run after the well is re-entered.

4. (A) Source of injection fluid:
Produced water from South Tonto Yates Seven Rivers Pool.
(B) Analysis of formation fluid:
Not applicable - re-injected produced water.
5. Zone of disposal is productive of oil and gas within one mile of proposed disposal well.

290⁹
580.8

insufficient
info at this
time, to
approve
increase
rate.

WALLEN PRODUCTION COMPANY

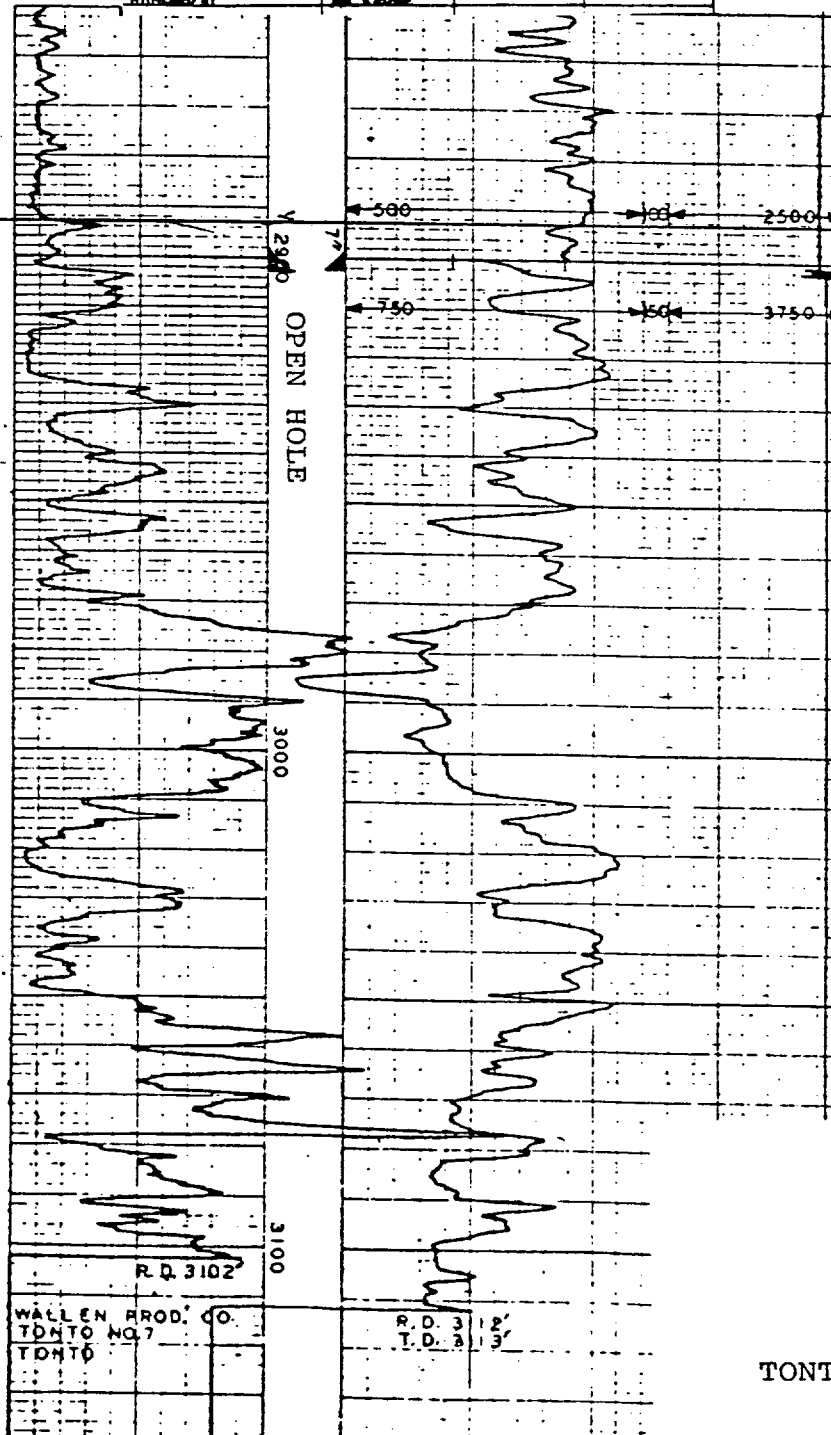
Proposed Wallen Tonto Waterflood
Wallen Tonto #7 WIW
Section 30, T19S, R33E
Lea County, New Mexico

Exhibit D

Geological Data on Injection Zone

Pool:	South Tonto Yates Seven Rivers
Formation:	Yates Seven Rivers
Geological Name:	Yates
Thickness:	@200 feet
Depth:	@2900 feet
Injection Interval:	2900 to 3113 feet

RECEIVED JUL 28 1978 U.S. GEOLOGICAL SURVEY BOSTON, NEW MEXICO		COMPANY WALLEN PRODUCTION COMPANY WELL TONTO NO. 7 FIELD TONTO COUNTY TRA STATE N. MEXICO LOCATION 990' TEL & 1850' PSL OTHER LOGS SEC 30 TWP 19S R. 33E PERMANENT DATUM ARROYO LEVEL SURV 3582 LOG MEASURED FROM 2' ARROYO ARROYO LEVEL DRILLING MEASURED FROM S. D. 2 DATE 7-14-78 7-14-78 RUN NO 1-N.W. 1-N.W. TYPE LOG GAMMA RAY NEUTRON DEPTH DRILLER 3122 3122 DEPTH LOGGER 3112 3112 BOTTOM LOGGED INTERVAL 3102 3112 TOP LOGGED INTERVAL 2450 2450 TYPE FLUID IN HOLE WATER SALINITY PPM CL --- --- DENSITY LB./GAL --- --- LVS ARROYO LOG JUL 27 1978 MAX REC TEMP DEG F --- OPE REC TIME 1 HR U.S. GEOLOGICAL SURVEY RECORDED BY MURRAY MOORE, NEW MEXICO WITNESSED BY MR. K. HARRIS	
--	--	---	--



TYPE LOG

WALLEN PRODUCTION

TONTO #7 SEC 30 T19S R33E

EXHIBIT E

WALLEN PRODUCTION COMPANY

Proposed Wallen Tonto Waterflood
Wallen Tonto #7 WIW
Section 30, T19S, R33E
Lea County, New Mexico

Exhibit F

Well Data on Injection Well

Stimulation Program: 2000 gallons 15% NE-FE Acid

Location: 1650' FSL & 990' FEL
Section 30, T19S, R33E
Lea County, New Mexico

Casing: 13 3/8" @225' cmt'd w/300 sx
7" @2900' cmt'd w/200 sx

Tubing: 2 3/8" @2850' - Plastic Coated

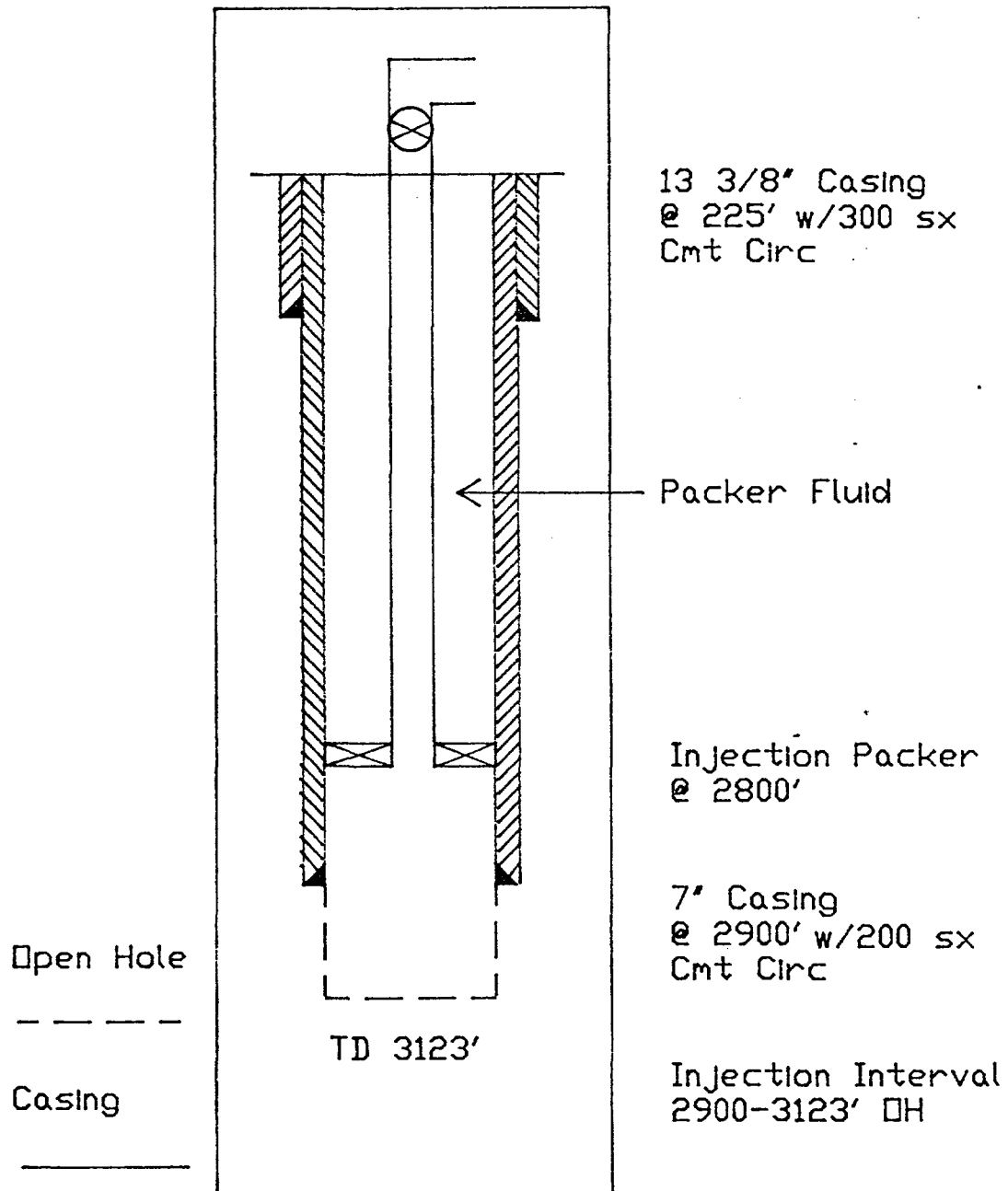
Packer: Halliburton R4 Injection Packer

Injection Formation: Yates in the South Tonto Yates-Seven
Rivers Pool.

Injection Interval: 2900' to 3113' Open Hole

Well was originally drilled as oil producer. Currently P&A.

Wallen Production Company
 Wallen-Tonto Well No. 7
 990' FEL & 1650' FSL
 Sec. 30, T19S, R33E

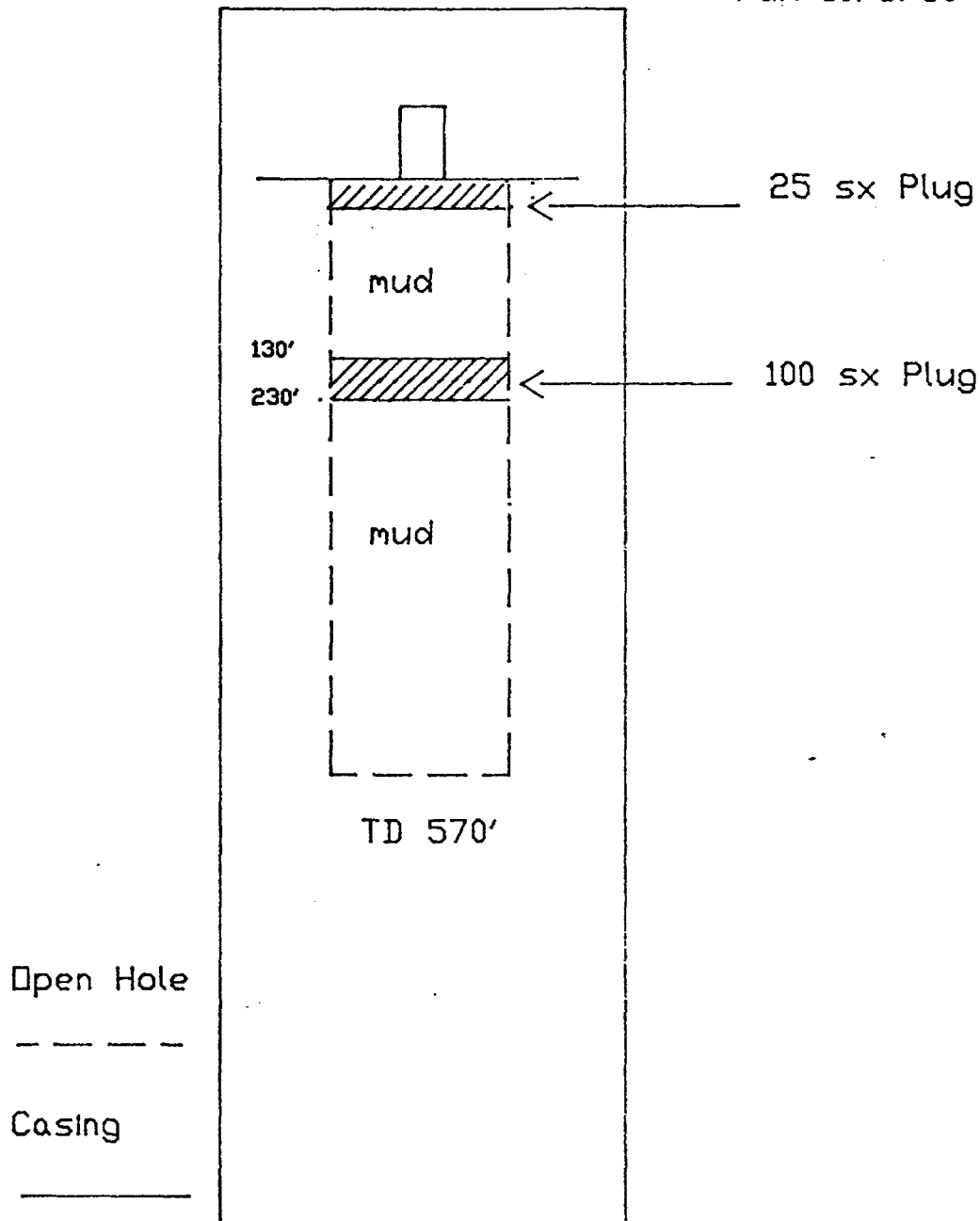


Operator Well Name, Number	Location: Unit, Sec., Twp., Range	Type	Spudded Date	Completed Date	ID Depth	PBD	Zone(s)	Record of Completion Perfs and Well Construction	TOC
Ami No. 1 USA Federal 30 Well No. 1	1 Sec 30, T19S, R33E 1980 FSL & 760 FSL	GAS	6/19/81	9/21/81	13712	13670	MORROW	Perfs: 13344'-561' Casing: 13 3/8" 1276'/775 SX 5 5/8" 5310'/3440 SX 5 1/2" 13712'/2150 SX	Surf-Calc Surf-Calc 2038-Calc
Ami No. 1 USA Federal 30 Well No. 2	K Sec 30, T19S, R33E 2310 FSL & 1980 FSL	GAS	12/18/81	3/4/83	13800	13753	MORROW	Perfs: 13372'-440' Casing: 13 3/8" 1315'/1050 SX 5 5/8" 5315'/3181 SX 5 1/2" 13800'/2360 SX	Surf-Calc Surf-Calc 1263-Calc
Edward Hudson Signal Ross-Fed Well No. 6	O Sec 30, T19S, R33E 660 FSL & 1980 FSL	D&A	2/10/64 P&A 3/12/64	-	3127	-	Yates Syn Rv/S	Perfs: NOT RECORDED Casing: 13 3/8" 65'/100 SX 5 1/2" 315'/30 SX	Surf-Calc 2810-Stud
Sinclair O&G Co. Carber-Federal Well No. 2	1 Sec 30, T19S, R33E 1980 FSL & 660 FSL	P&A	2/14/56 P&A 3/29/56	-	3600	-	Delaware	Perfs: Open HOIE Casing: 10 3/4" 305'/250 SX	Surf-Calc
John H. Trigg Federal RB 31 Well No. 1	B Sec 31, T19S, R33E 330 FSL & 2310 FSL	J&A	9/18/64 P&A 10/2/64	-	700	-	---	Perfs: NA Casing: 13 3/8" 85'/50 SX	Surf-Calc
John H. Trigg Federal RB 31 Well No. 1X	B Sec 31, T19S, R33E 335 FSL & 2223 FSL	D&A	10/3/64 P&A 10/27/64	-	3175	-	Syn Rv/S	Perfs: NA Casing: 10 3/4" 497' - pulled 8 5/8" 940' - pulled	?
Waller Prod. Co. Waller-Tonto Well No. 7	1 Sec 30, T19S, R33E 1650 FSL & 990 FSL	D&A	5/17/78 P&A 7/18/78	-	3123	-	Syn Rv/S	Perfs: NA Casing: 13 3/8" 225'/300 SX 7" 2900'/2005 SX	CLIC CLIC
Waller Prod. Co. Waller-Tonto Well No. 8	1 Sec 30, T19S, R33E 1790 FSL & 1710 FSL	OIL	10/16/81	2/20/82	3120	3115	Syn Rv/S	Perfs: 2981-3110 Casing: 13 3/8" 115'/500 SX 7" 2940'/1000 SX 4 1/2" 2612'-3120'/60 SX	CLIC CLIC 2625-Lemo
Waller Prod. Co. Waller-Tonto Well No. 5	1 Sec 30, T19S, R33E 1650 FSL & 2310 FSL	OIL	6/30/77	8/25/77	3094	3094	Syn Rv/S	Perfs: Open HOIE Casing: 7" 2884'/1000 SX	CLIC CLIC
Waller Prod. Co. Waller-Tonto Well No. 3	K Sec 30, T19S, R33E 1650 FSL & WL	OIL	8/31/77	10/21/77	3073	3073	Syn Rv/S	Perfs: Open HOIE Casing: 7" 2850'/1000 SX	CLIC
Waller Prod. Co. Waller-Tonto Well No. 6	P Sec 30, T19S, R33E 990 FSL & EL	OIL	2/8/78	4/28/78	3096	3085	Syn Rv/S	Perfs: 2986-3080 Casing: 13 3/8" 210'/300 SX 7" 2901'/1420 SX 4 1/2" 2600'-3096'/60 SX	CLIC CLIC 2600-CLIC
Waller Prod. Co. Waller-Tonto Well No. 1	N Sec 30, T19S, R33E 990 FSL & 2310 FSL	OIL	10/15/76	12/5/76	3082	3082	Syn Rv/S	Perfs: Open HOIE Casing: 7" 2896'/1000 SX	CLIC
Waller Prod. Co. Waller-Tonto Well No. 9	N Sec 30, T19S, R33E 600 FSL & 2300 FSL	J&A	9/20/80 P&A 10/8/80	-	570	-	---	Perfs: NA Casing: NA	CLIC
Waller Prod. Co. Waller-Tonto Well No. 9Y	N Sec 30, T19S, R33E 660 FSL & 2300 FSL	OIL	10/12/80	3/18/81	3086	3086	Syn Rv/S	Perfs: 2981-3110 OH 3084-86 Casing: 10 3/8" 225'/450 SX 7" 2800'/1100 SX 4 1/2" 2617'-3083'/60 SX	CLIC CLIC 2617-CLIC

6

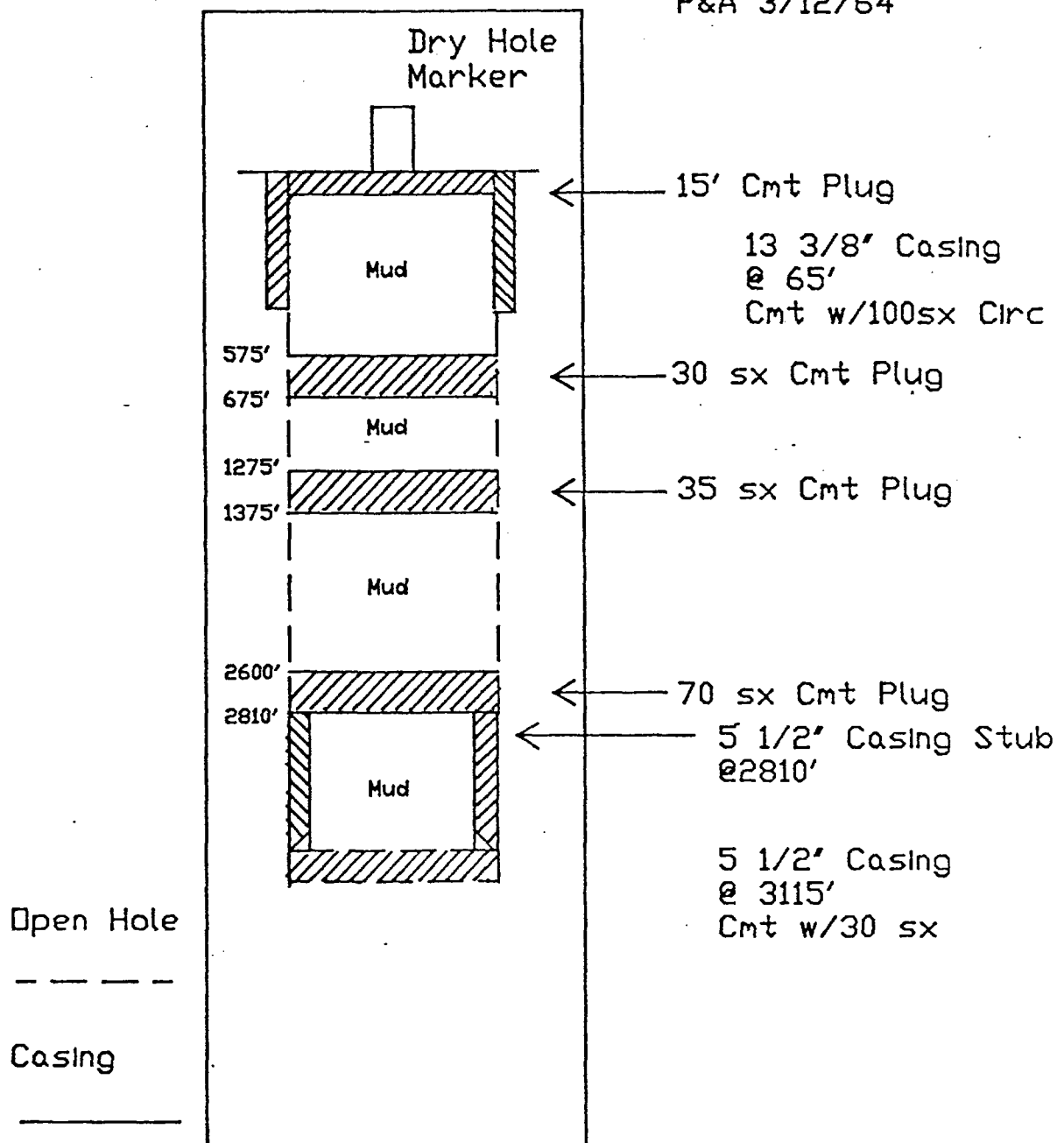
Wallen Production Company
Wallen-Tonto Well No. 9
2300' FWL & 600' FSL
Sec. 30, T19S, R33E

P&A 10/8/80



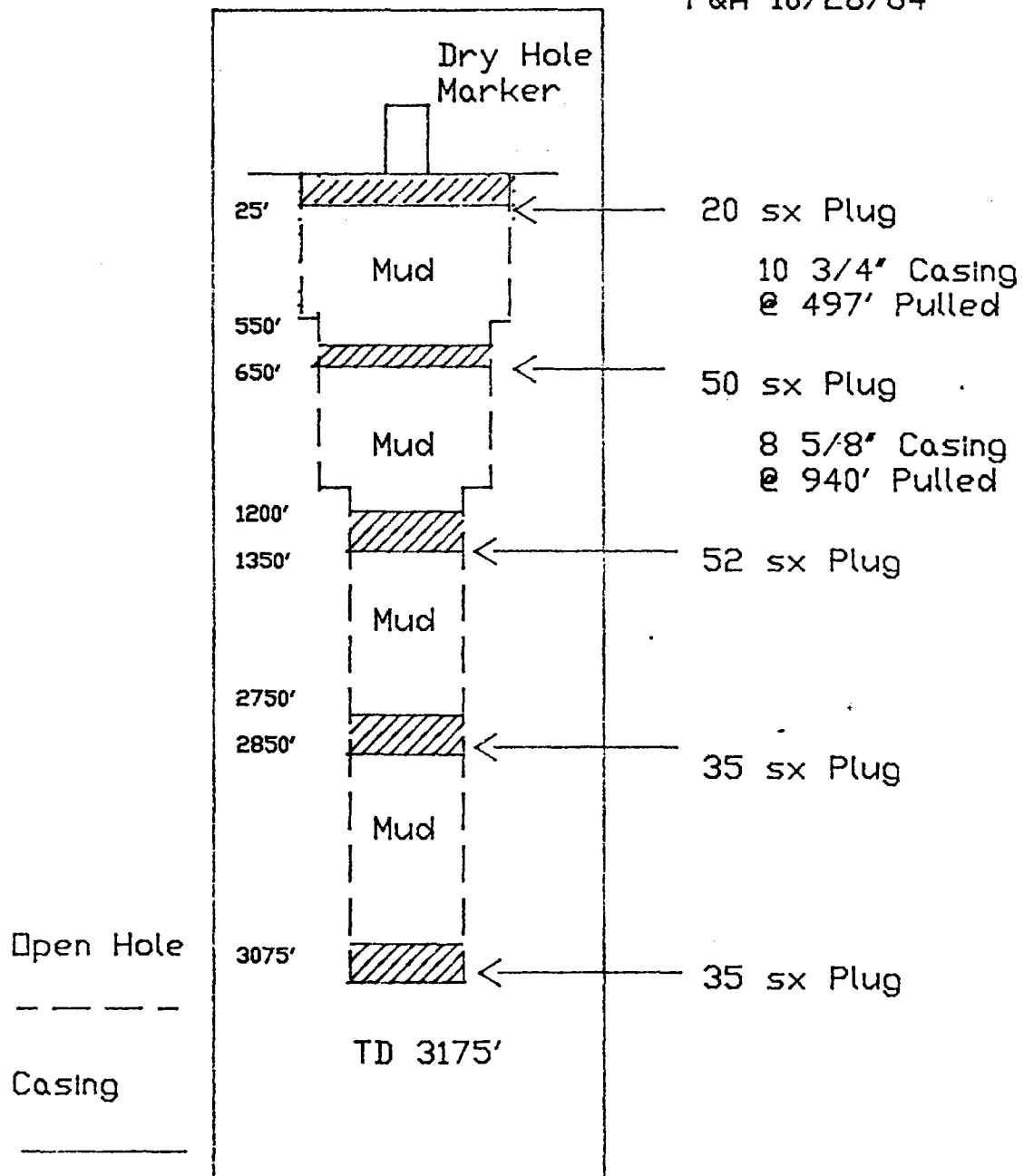
Edward Hudson
Signal Ross_Fed. Well No. 6
660' FSL & 1980' FEL
Sec. 30, T19S, R33E

P&A 3/12/64



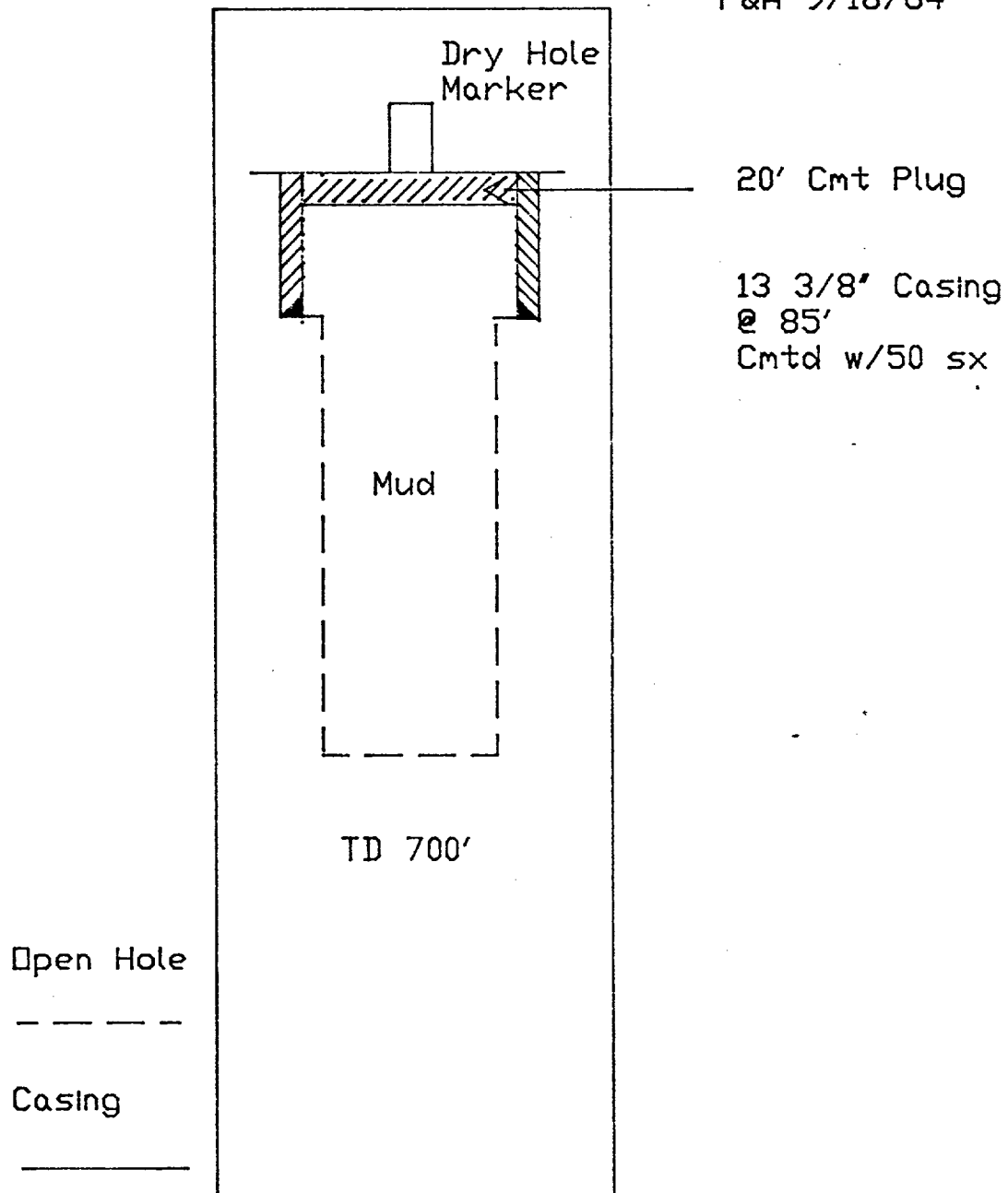
John H. Trigg
 Federal "RB" 31 Well No. 1X
 335' FNL & 2223' FEL
 Sec. 31, T19S, R33E

P&A 10/28/64



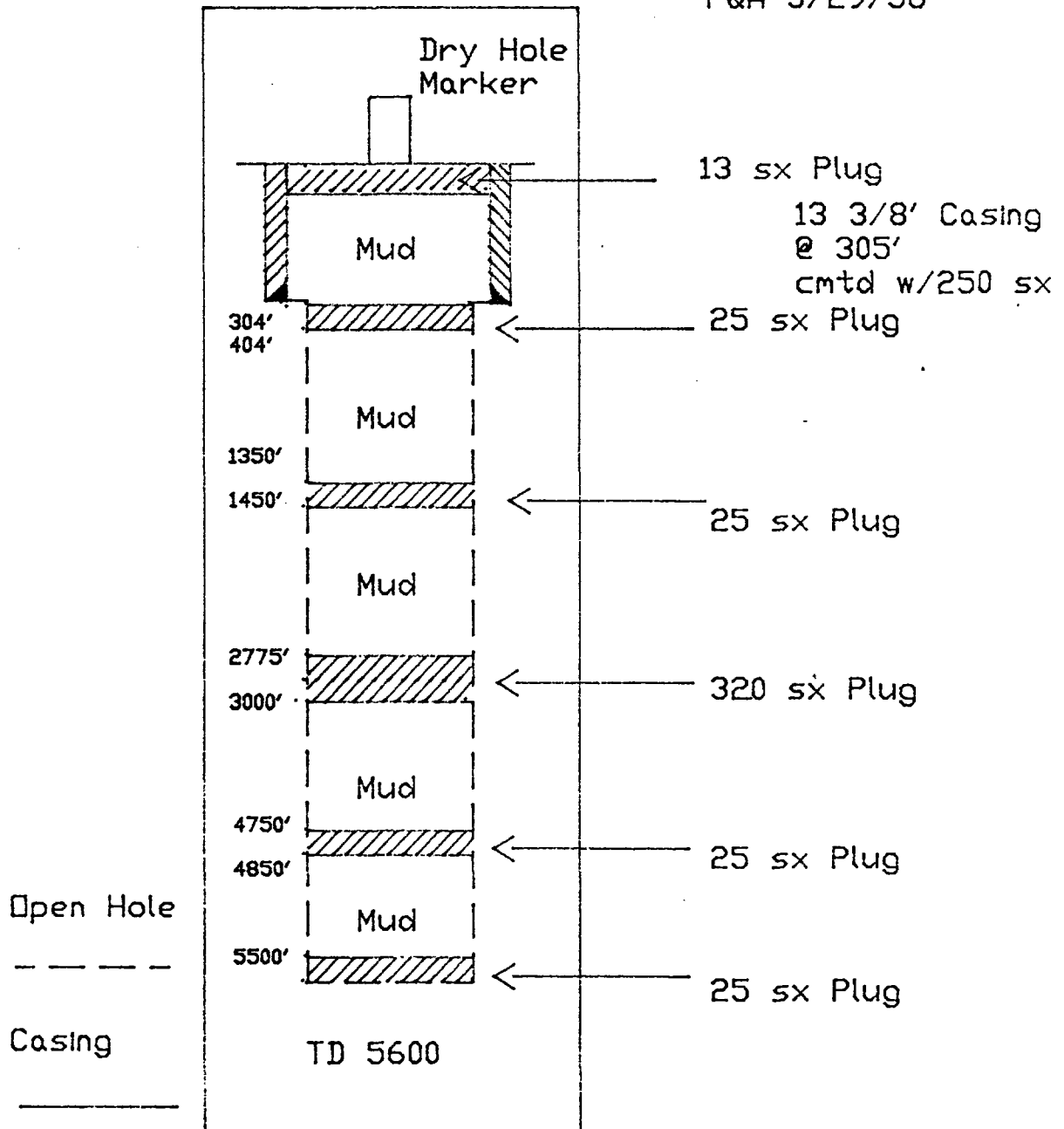
John H. Trigg
Federal "RB" 31 Well No. 1
330' FNL & 2310' FEL
Sec. 31, T19S, R33E

P&A 9/18/64



Sinclair Oil & Gas Company
 Carder-Federal Well No. 2
 330' FNL & 2310' FEL
 Sec. 31, T19S, R33E

P&A 3/29/56



WATER ANALYSIS REPORT
furnished by TRETOLITE CHEMICALS

COMPANY: WALLEN PRODUCTION
LEASE: TONTON
SAMPLE POINT: HEATER TREATER
SAMPLE DATE: 5-27-87
SAMPLE TEMP.:

pH: 6.5
H₂S: 500
SPECIFIC GRAVITY: 1.025

TITRATED AND CALCULATED IONS

	MILLIGRAMS PER LITER	MILLIEQUIVALENTS PER LITER
HCO ₃	915.00	15.00
Cl	11210.00	315.77
SO ₄	1250.00	26.04
Ca	2800.00	140.00
Mg	0.00	0.00
Na	4986.78	216.82

IONIC STRENGTH = 0.44
TOTAL HARDNESS = 6000.0 mg/ltr.
TOTAL DISSOLVED SOLIDS = 21155.5 mg/ltr.
TOTAL IRON (Fe) = 3.0 ppm

PROBABLE MINERAL COMPOSITION AND ION PAIRING

	MILLIEQUIVALENTS PER LITER	MILLIGRAMS PER LITER
Ca(HCO ₃) ₂	15.00	1215.60
CaSO ₄	26.04	1772.66
CaCl ₂	98.96	5492.19
Mg(HCO ₃) ₂	0.00	0.00
MgSO ₄	0.00	0.00
MgCl ₂	0.00	0.00
NaHCO ₃	0.00	0.00
Na ₂ SO ₄	0.00	0.00
NaCl	216.82	12675.08

CALCULATED SCALING TENDENCIES

SCALING INDEX

CaCO₃ @ 80 DEG F. = 0.5
CaCO₃ @ 120 DEG F. = 1.0

SATURATION POINT

CaSO₄ @ 70 DEG F. = 1996.5 MG/LTR.
CaSO₄ @ 110 DEG F. = 2020.2 MG/LTR.

(THIS SAMPLE CONTAINED 1772.7 MG/LTR. CaSO₄)

15

WALLEN PRODUCTION COMPANY

Proposed Wallen Tonto Waterflood
Wallen Tonto #7 WIW
Section 30, T19S, R33E
Lea County, New Mexico

Exhibit J

Affirmative Statement

Wallen Production Company has examined available geologic and engineering data and finds no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

WALLEN PRODUCTION COMPANY

Proposed Wallen Tonto Waterflood
Wallen Tonto #7 WIW
Section 30, T19S, R33E
Lea County, New Mexico

Exhibit K

Notice

Pursuant to Section XIV of Form C-108,

Applicant has mailed copies of the application to the following:

Surface Owners: Bureau of Land Management
Roswell District Office
P.O. Box 1397
Roswell, New Mexico 88201-1397

Attention: District Manager

Oil Conservation Division
State Land Office
P.O. Box 1148
Santa Fe, New Mexico 87501

Attention: Land Commissioner

Leasehold Operators within one-half mile:

Kaiser-Francis
Rt. Box 208
Odessa, Texas 78765

FI-RO Corporation
P.O. Box 8148
Roswell, New Mexico 88201

Union Oil Company of California
4000 N. Big Spring
Suite 300
Midland, Texas 79702

Wallen Production Company
Wallen Tonto Waterflood
Lea County, New Mexico

DATA SHEET

Reserves

Cumulative Production @ 7/1/89	204100 BO
Projected Cumulative Production @ 1/1/90	209900 BO
Remaining Primary Reserves @ 1/1/90	21300 BO
Estimated Primary Recovery	231200 BO
Projected Secondary Reserves @ 1/1/90	63700 BO
Estimated Ultimate Recovery	294900 BO

Economics

Case 1 Primary Production
Case 2 Primary Production w/ Secondary Response
Case 3 Incremental Secondary Production

	Case 1	Case 2	Case 3
	-----	-----	-----
Oil Price, \$/BO	16	16	16
Economic Limit, BOPD	24	26	---
Capital Investment	0	60000	60000
Cumulative Net Cash Flow	20900	139800	118900
Net Income/Investment	---	---	3
Payout, Yrs	---	---	2.25

Wallen Production Company
Wallen Tonto Waterflood
Lea County, New Mexico

PRIMARY PRODUCTION

Evaluated Interest

W.I. 100.00% Operating Expense \$/mo 7500
N.R.I. 69.00%

Year	Gross Production	Net Production	Oil \$/BO	Net Revenue	Sev&Adv Taxes	Net Oper Expenses	Capital Cost	Cash Flow	Cum Cash Flow
1990	10275	7090	16	113440	8307	90000	0	15133	15133
1991	9351	6452	16	103230	7559	90000	0	5671	20804
1992	1474	1017	16	16278	1192	15000	0	86	20891

Wallen Production Company
Wallen Tonto Waterflood
Lea County, New Mexico

PRIMARY PRODUCTION
W/PROJECTED WATERFLOOD RESPONSE

Evaluated Interest

W.I. 100.00% Operating Expense \$/mo 8100
N.R.I. 69.00%

Year	Gross Production	Net Production	Oil \$/BO	Net Revenue	Sev&Adv Taxes	Net Oper Expenses	Capital Cost	Cash Flow	Cum Cash Flow
1990	11021	7604	16	121669	8909	100800	60000	-48040	-48040
1991	15092	10414	16	166619	12201	99000	0	55418	7378
1992	14610	10081	16	161291	11811	97200	0	52280	59659
1993	13222	9123	16	145968	10689	97200	0	38080	97738
1994	11966	8256	16	132101	9673	97200	0	25228	122967
1995	10829	7472	16	119552	8754	97200	0	13597	136564
1996	8234	5681	16	90903	6656	81000	0	3247	139811

Wallen Production Company
Wallen Tonto Waterflood
Lea County, New Mexico

INCREMENTAL SECONDARY PRODUCTION

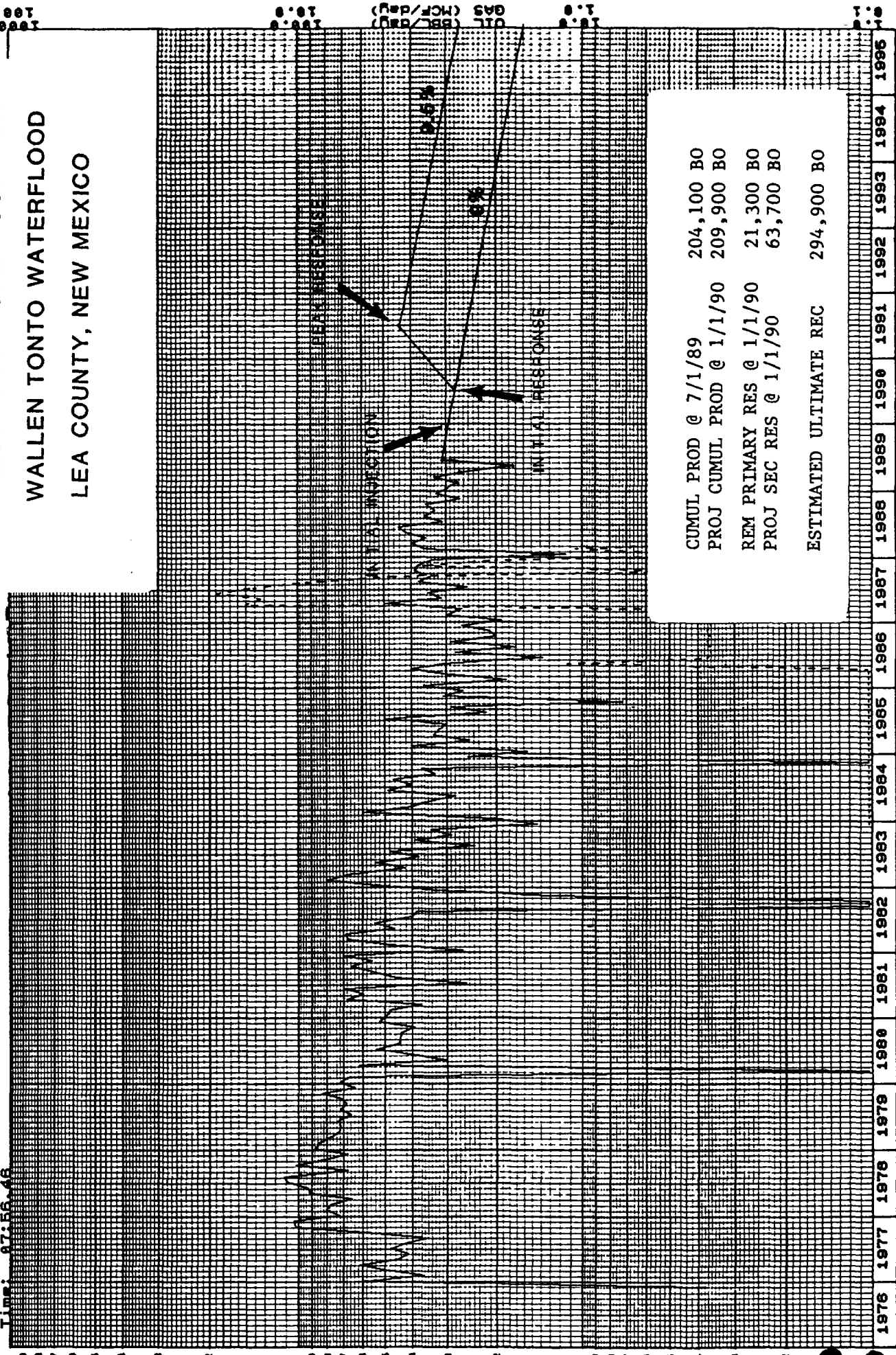
Evaluated Interest

W.I. 100.00%
N.R.I. 69.00%

Year	Gross Production	Net Production	Oil \$/BO	Net Revenue	Sev&Adv Taxes	Net Oper Expenses	Capital Cost	Cash Flow	Cum Cash Flow
1990	745	514	16	8229	603	10800	60000	-63173	-63173
1991	5742	3962	16	63389	4642	9000	0	49747	-13426
1992	13135	9063	16	145013	10619	82200	0	52194	38768
1993	13222	9123	16	145968	10689	97200	0	38080	76848
1994	11966	8256	16	132101	9673	97200	0	25228	102076
1995	10829	7472	16	119552	8754	97200	0	13597	115673
1996	8234	5681	16	90903	6656	81000	0	3247	118920
	63873	44072		705155	51635	474600	60000		

WALLEN PRODUCTION COMPANY
WALLEN TONTO WATERFLOOD
LEA COUNTY, NEW MEXICO

Time: 07:56.48



CUMUL PROD @ 7/1/89	204,100 BO
PROJ CUMUL PROD @ 1/1/90	209,900 BO
REM PRIMARY RES @ 1/1/90	21,300 BO
PROJ SEC RES @ 1/1/90	63,700 BO
ESTIMATED ULTIMATE REC	294,900 BO

YEARS

20

PROPOSAL FOR
SURFACE SALT WATER DISPOSAL

Prepared For
WALLEN PRODUCTION COMPANY
Lea County, New Mexico
3/83

PROPOSAL FOR
SURFACE SALT WATER DISPOSAL
LEA COUNTY, NEW MEXICO

INTRODUCTION

This firm has conducted a geohydrologic investigation for Wallen Production Company near its production in the south half of Section 30, T. 19 S., R. 33 E., in west-central Lea County, New Mexico (Figure 1). Wallen Petroleum proposes to operate a surface salt water disposal system for its leases in Section 30.

This investigation shows that no shallow fresh water is present in the area of the proposed surface salt water disposal site. The deeper Santa Rosa aquifer is isolated from the surface by over 500 feet of impervious red clays. In our opinion, fresh ground water will not be endangered by this disposal operation.

Data presented in this report are from the New Mexico State Engineer's Office, from previous studies by Ed L. Reed & Associates, Inc. and recent field work for the current investigation.

GENERAL GEOLOGY

The area of interest lies in the southern portion of the Querecho Plains, a topographic province in west-central Lea County, New Mexico (Figure 2).

We focused this investigation on geologic formations younger than the Permian because they are the only potential sources of potable ground water in this region. The Permian strata which are comprised largely of anhydrite and salt do not contain fresh water.

The Triassic Dockum Group which lies on undifferentiated Permian and Triassic strata is divided into the Santa Rosa Sandstone and the Chinle Formation. The Santa Rosa Sandstone consists of red to gray, fine to coarse-grained sand which is about 250 feet thick. The Chinle Formation which conformably overlies the Santa Rosa is composed of approximately 500 feet of red to gray shales. The top of the Chinle is marked by an erosional surface.

Quaternary alluvium comprises the surface cover in the Querecho Plains (figure 3). The alluvium ranges in thickness from a few feet to approximately 100 feet. The alluvium consists of dune sand, loosely cemented fine gravel and caliche composed of sand in a calcareous matrix.

LOCAL GEOLOGY

The area covered by this study encompasses most of Townships T. 19 S., R. 32 E.; T. 19 S., R. 33 E.; T. 20 S., R. 32 E.; and T. 20 S., R. 33 E. (Figure 4). The Quaternary alluvium in the study area varies in thickness from 0 to 100 feet. The underlying Chinle Formation is approximately 500 feet thick, and consists of red and gray shales. The top of the Chinle is an erosional surface which also reflects deeper

structural movement and solution slumping. The Santa Rosa is about 250 feet thick and consists of fine to coarse sands.

The Triassic Chinle outcrops along the north side of Laguna Plata and in the Laguna Gatuna area. The Triassic south of the playa lakes gradually rises southward and southeastward. The Santa Rosa outcrops in the southern part of Section 30 and Section 32 of T. 20 S., R. 32 E. The Triassic also outcrops in several Townships in western Lea County and along the eastern side of Eddy County.

Along the north portion of the study area the Triassic strikes east-west and the dip is southward at a rate of approximately 50 feet per mile (figure 4). In the area of the saline playa lakes (Lagunas Plata, Tonto, Gatuna and Toston), the contours show closures from 25 to 50 feet. These closures suggest that the lakes are caused by salt dissolution in the Permian with subsequent slumping reflected in the overlying Triassic. San Simon Swale, approximately 15 miles southeast of the playa lakes is also a closed depression caused by the removal of salt by solution in the Permian-Salado strata.

HYDROLOGY

Potable ground water in the four township area is derived solely from the Quaternary alluvium and Triassic Santa Rosa Formation. Water wells in the vicinity of the Wallen Production Company operation are listed on Table 1 and shown on Figure 4. The Quaternary alluvium which is up to 100 feet thick contains water that is normally potable

except in the vicinity of the playa lakes (Tables 1 and 2). The saturated thickness varies from 0 to 30 feet. The alluvial water where potable is used for stock and domestic purposes. Recharge to this aquifer is derived principally from rainfall which averages 9 inches per year. The ground water movement in the alluvium is toward the playa lakes. Ground water within and near the playas is highly saline (Figure 5). We found no evidence of producible alluvial ground water (fresh or saline) in the area of the Wallen Production Company's oil operation in the south half of Section 30, T. 19 S., R. 33 E. Logs of nine cable tool holes on Sections 19 and 30 were checked for alluvial ground water and none indicated saturation above the Triassic.

The Triassic Chinle Formation generally is not a source of ground water because it consists predominantly of clays. The principal aquifer in the Triassic is the Santa Rosa Sandstone. The water quality in this aquifer is poor, usually having a high concentration of sulfates. The Santa Rosa water is used for industrial purposes such as drilling and gasoline plants and is used on a limited basis for stock.

The Santa Rosa aquifer lies at a depth of 300 to 600 feet and is over 200 feet thick. Porosity development in the sandstone is highly variable which results in a net productive sand thickness ranging from 30 to 100 feet. Reported yields from the Santa Rosa range up to 100 gallons per minute. This aquifer is under artesian pressure with a head of approximately 200 feet. Recharge to the Santa Rosa is from

drainage from the Ogallala aquifer to the north and from infiltration from the surface through sand dunes in eastern Eddy County. Ground water movement is toward the southeast along the structural dip.

Because of the poor quality local ground water, ranchers have access to fresh water transmission pipelines which deliver Ogallala water from the east to the potash mines.

One Santa Rosa sandstone well and one Santa Rosa-Chinle well are completed in the SW/4, NW/4 of Section 18, T. 19 S, R. 33 E. These wells, which have water levels 260 feet and 347 feet from the surface, are currently used for drilling rig supply. A sample from the northernmost of the two wells contains 312 milligrams per liter (mg/l) chlorides, 844 mg/l sulfates and total dissolved solids of 2,070 mg/l. An abandoned Santa Rosa well in the SE/4, SW/4 of Section 5, T. 20 S., R. 33 E. has a static water level of 281 feet from the surface. A water sample from this well contained 1,723 mg/l chlorides, 1,094 mg/l sulfates, and total dissolved solids of 4,744 mg/l. An old Santa Rosa well located in the NE/4, NW/4 of Section 18, on the northwest edge of the Laguna Gatuna Lake was examined in 1972. The static water level was 252 feet from the surface. A 1968 chemical analysis of water from this well shows 21,013 ppm chlorides and 3,895 ppm sulfates.

The water level data show that the Santa Rosa ground water movement is toward the southeast. In the vicinity of the saline playas, the Santa Rosa discharges into the Rustler through the collapse structures beneath the playas.

The ground water movement in the alluvium is toward the playas. The alluvial water discharges into the playas as seeps and springs on the playa shores.

CORE BORING

One core boring was completed during this study in the south-central part of the Wallen lease approximately 200 feet south of the current brine pit. This core boring was drilled to examine the alluvial saturation and the physical characteristics of the upper Triassic. A review of seismic test hole and cable tool data shows that the alluvium in this area is less than 50 feet thick. This conclusion is confirmed by the core boring. The boring was jetted after completion to test for the presence of ground water and no evidence of ground water was detected. Several days after completion, water had seeped into the boring. A sample of this water had 6,666 mg/l chlorides, which by calculation would indicate total dissolved solids over 10,000 mg/l.

Cores taken from the upper Chinle were analyzed for permeability and Atterburg Limits (Table 3). These tests show that the upper Chinle is very fine grained (over 70 percent finer than a 200 mesh sieve). The clays are virtually impervious to fluid migration. The permeability of the upper Chinle averages 9.7×10^{-9} cm/sec.

SUMMARY AND CONCLUSIONS

Two formations supply water to wells in the region; shallow

alluvium and the Triassic Santa Rosa. The alluvium in the vicinity of the Wallen lease is thin and contains no potable ground water. Ground water movement in the alluvium is toward the saline playas to the south where it discharges as seeps and springs in the playa margins. The Santa Rosa contains water which is slightly to moderately saline. The Santa Rosa is protected from vertical infiltration by a thick section of impervious Chinle clays.

Disposal of salt water at the surface will, in our opinion, not endanger fresh ground water supplies. The disposed salt water will enter the alluvium and migrate to the top of the Chinle and then southward along the top of the Chinle, to discharge into the saline playa lakes. The Chinle clays will prohibit migration of the brine into the underlying Santa Rosa aquifer.

Respectfully submitted,

ED L. REED & ASSOCIATES, INC.

Chester F. Skrabacz

Chester F. Skrabacz

V. Steve Reed

V. Steve Reed

TABLE 2

QUATERNARY WELLS WITH NON POTABLE WATER

LOCATION	OWNER	ELEV.	WATER LEVEL	TOTAL DEPTH	USE OF WELL	CHEMICAL ANALYSES (In Milligrams/Liter or Parts/Million)				DATE OF ANALYSIS	SAMPLED BY
						CHLORIDES	SULFATES	TOTAL DISSOLVED SOLIDS	ELECTRICAL CONDUCTI- VITY		
SW of SE/4 Scarbauer Sec 4 T20S Cattle R33E Co.		3556'	33' 1968	58'	Abd. Stock	2,382 12,978	- 16,068	- -	10,175 -	11/17/65 10/24/68	State United Chem.
NW NW Sec 21 T20S R33E		3536'	35' 1981	52'	Abd. Stock	3,518	905	-	-	10/24/68	United Chem.
SE NW/4 Sec 12 T20S R32E		3540'	-	130'	Abd. Stock	9,744	1,878	-	-	1968	United Chem.
NE SW/4 Sec 21 T20S Lake R32E Rch.	Salt Lake	3510'	21.7 1954	30'	Abd. Stock	Reported Salty - 1954 and Dry in 1972					State

TABLE 1
QUATERNARY WELLS WITH POTABLE WATER

LOCATION	OWNER	ELEV.	WATER LEVEL	TOTAL DEPTH	USE OF WELL	CHEMICAL ANALYSIS (In Milligrams/Liter or Parts/Million)				DATE OF ANALYSIS	SAMPLED BY
						CHLORIDES	SULFATES	DISSOLVED SOLIDS	ELECTRICAL CONDUCTI- VITY		
NW/NW Sec 17 T19S R33E	Snyder Ranch	3650'	116' 1981	131'	Abd. Stock	In 1969 (reported good quality water)					State
SE NE/4 Sec. 26 T19S R33E	Smith		90.9 1/78	100'	Active Domestic Stock	298 326	996	2134	2560 --	11/17/65 1/16/78	State Reed
SE SE/4 Sec. 23 T20S R32E	Old Halfway Bar	3551'	36.7' 1981	78'	Abd. Dom.	362	309	--	1861	1969	Reed
NW NW Sec 25 T20S R32E	Smith?	3555'	39 1982	65'	Stock	85 42	82	--	837 750	1969 9/72	Reed State
NE/4 Sec 36 T20S R32E	Bingham Ranch	3501'	44' 1972	50'	Domestic	290	--	--	1930	9/18/72	State
SW/4 Sec 23 T20S R32E		3541'	39.8 1981	--	Stock	No Data					
SE NW/4 Sec 27 T20S R32E	S. Frey	3540'	23.9 1972	25'	Industrial	No Data (Field check - fresh water)				5/12/82	Reed
SE NW/4 Sec 30 T20S R32E			9.94 1954	--	Stock	No Data					

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE APPLICATION
OF WALLEN PRODUCTION COMPANY FOR
WATERFLOOD PROJECT,
LEA COUNTY, NEW MEXICO

CASE NO. 9736

CERTIFICATE OF MAILING

AND

COMPLIANCE WITH ORDER R-8054

In accordance with Division Rule 1207 (Order R-8054) I hereby certify that on July 26, 1989, I caused to be mailed by certified mail, return-receipt requested, notice of this hearing and a copy of the application for the above referenced case along with the cover letter, at least twenty days prior to the hearing set for August 23, 1989 to the parties shown in the application as evidenced by the attached copy of the return receipt cards.

Original signed by
W. THOMAS KELLAHIN

W. Thomas Kellahin

SUBSCRIBED AND SWORN TO before me this 21st day of
August, 1989.

Ronny Stoner
Notary Public

My Commission Expires:

March 3, 1993

BEFORE EXAMINER STOGNER
Oil Conservation Division
WAllen Exhibit No. <u>4</u>
Case No. <u>9736</u>

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.
1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:	4. Article Number
FI-RO Corporation P.O. Box 8148 Roswell, NM 88201	P 103 899 138
Type of Service: ☐ Registered ☒ Certified ☐ Express Mail ☐ Insured ☐ COD ☐ Return Receipt for Merchandise	
Always obtain signature of addressee or agent and DATE DELIVERED.	
5. Signature — Address <i>[Signature]</i>	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature — Agent	
7. Date of Delivery	

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

WTK/Wallen/Tonto #7

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.
1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:	4. Article Number
Oil Conservation Division State Land Office Attn: Land Commissioner P.O. Box 1148 Santa Fe, NM 87501	P 103 899 136
Type of Service: ☐ Registered ☒ Certified ☐ Express Mail ☐ Insured ☐ COD ☐ Return Receipt for Merchandise	
Always obtain signature of addressee or agent and DATE DELIVERED.	
5. Signature — Address <i>[Signature]</i>	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature — Agent	
7. Date of Delivery	

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.
1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:	4. Article Number
Bureau of Land Mgmt Roswell Dist Office Attn: Dist Mgr P.O. Box 1397 Roswell, NM 88201-1397	P 103 899 135
Type of Service: ☐ Registered ☒ Certified ☐ Express Mail ☐ Insured ☐ COD ☐ Return Receipt for Merchandise	
Always obtain signature of addressee or agent and DATE DELIVERED.	
5. Signature — Address <i>[Signature]</i>	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature — Agent	
7. Date of Delivery	

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

WTK/Wallen/Tonto #7

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.
1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:	4. Article Number
Union Oil Co of Calif. 4000 N. Big Spring Suite 300 Midland, TX 79702	P 103 899 139
Type of Service: ☐ Registered ☒ Certified ☐ Express Mail ☐ Insured ☐ COD ☐ Return Receipt for Merchandise	
Always obtain signature of addressee or agent and DATE DELIVERED.	
5. Signature — Address <i>[Signature]</i>	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature — Agent <i>[Signature]</i>	
7. Date of Delivery 7-28-89	

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

WTK/Wallen/Tonto #7

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: Mr. Jerry Sexton
Oil Conservation Division
Post Office Box 1980
Hobbs, NM 88240

4. Article Number: P 103 899 134

Type of Service: ☐ Registered ☐ Insured ☐ COD ☐ Return Receipt for Merchandise

☐ Certified ☐ Express Mail

Always obtain signature of addressee or agent and DATE DELIVERED.

8. Addressee's Address (ONLY if requested and fee paid)

5. Signature - Address *[Signature]*

6. Signature - Agent

7. Date of Delivery

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

WTK/Wallen/Tonto #7

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: Mr. Jerry Sexton
OCD
P.O. Box 1980
Hobbs, NM 88240

4. Article Number: P 103 899 134

Type of Service: ☐ Registered ☐ Insured ☐ COD ☐ Return Receipt for Merchandise

☐ Certified ☐ Express Mail

Always obtain signature of addressee or agent and DATE DELIVERED.

8. Addressee's Address (ONLY if requested and fee paid)

5. Signature - Address *[Signature]*

6. Signature - Agent

7. Date of Delivery

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: Kaiser-Francis Oil Co.
P.O. Box 21468
Tulsa, OK 79121
Attn: Jim Wakefield

4. Article Number: P-103 899 140

Type of Service: ☐ Registered ☐ Insured ☐ COD ☐ Return Receipt for Merchandise

☒ Certified ☐ Express Mail

Always obtain signature of addressee or agent and DATE DELIVERED.

8. Addressee's Address (ONLY if requested and fee paid)

5. Signature - Address *[Signature]*

6. Signature - Agent

7. Date of Delivery

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: Kaiser-Francis Oil Co.
P.O. Box 21468
Tulsa, OK 79121
Attn: Jim Wakefield

4. Article Number: P-103 899 140

Type of Service: ☐ Registered ☐ Insured ☐ COD ☐ Return Receipt for Merchandise

☒ Certified ☐ Express Mail

Always obtain signature of addressee or agent and DATE DELIVERED.

8. Addressee's Address (ONLY if requested and fee paid)

5. Signature - Address *[Signature]*

6. Signature - Agent

7. Date of Delivery

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT