J.O. EASLEY, INC.
ESTABLISHED 1979
P.O. Box 1796 88202-1796
400 N. Pennsylvania, Suite 990-D
Roswell, NM 88201

Telephone (505) 623-3758
Fax (505) 623-3797

October 15, 1996

Mr. David Catanach
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Re: C-108
Maljamar Grayburg Waterflood Unit
Lea County, New Mexico

Dear Mr. Catanach:

Enclosed is the Affidavit of Publication for notice of the C-108 for additional water injection wells within the Maljamar Grayburg Waterflood Unit.

Sincerely,

J. O. EASLEY, INC.

Bonita L. Limpus Jones
Consulting Landman

/bj
Enclosures
cc/enclosure Mr. Jerry Sexton
New Mexico Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88241

Mr. Steve Gilbert
The Wiser Oil Company
8115 Preston Road, Suite 400
Dallas, Texas 75225

Mr. Tom Cook
The Wiser Oil Company
P. O. Box 2568
Hobbs, New Mexico 88241

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, Kathi Bearden

Publisher

of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not a supplement thereof for a period.

of _____

1 weeks.
Beginning with the issue dated

October 6, 1996
and ending with the issue dated

October 6, 1996

Kathi Bearden
Publisher
Sworn and subscribed to before

me this 8 day of

October, 1996

Sandra Catlett
Notary Public.

My Commission expires
August 29, 1999
(Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

LEGAL NOTICE
October 6, 1996
PROPOSED
INJECTION WELLS

The Wiser Oil Company proposes to expand its Maljamar Grayburg Unit and inject water into 2 wells in Section 2, 6 wells in Section 3, 10 wells in Section 4, 1 well in Section 8, 10 wells in Section 14, and 2 wells in Section 15, all in T17S-R32E, Lea County, New Mexico, to provide injection service for the existing Maljamar Grayburg Unit Waterflood, Order No. R-1538. The zones to be injected into are of 500 BWPD/well at a maximum pressure of 2500 psi. Any interested parties with objection or request for hearing should notify the Oil Conservation Division at P.O. Box 2088, Santa Fe, New Mexico 87501, within 15 days of this notice. Any questions should be directed to Tom Cook with the Wiser Oil Company, at P.O. Box 2568, Hobbs, New Mexico 88241, 505-392-9797.
#14831

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Telephone (505) 623-3758
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November 11, 1996

Mr. David Catanach
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Re: C-108
Maljamar Grayburg Waterflood Unit
Lea County, New Mexico

Dear Mr. Catanach:

Enclosed is a copy of a letter we received from a surface owner within the Maljamar Grayburg Unit indicating our C-108, filed with your office on October 4, 1996, erroneously indicated there were no fresh water wells within a mile of the proposed water injection wells when, in fact, there are several.

You will, also, find enclosed copies of the water analysis performed on one of these fresh water wells; the one servicing the home of Mr. Ben Lindsey, which is the eastern-most well. The rest of the wells are along a draw coming down off the Caprock. The representative from Capitan Chemicals has made several attempts to obtain samples from these other wells but has yet to be successful as they are not running and the owners have been unavailable to help him. He will, however, continue his efforts to obtain samples from one or two of the subject wells.

Sincerely,

J. O. EASLEY, INC.

Bonita L. Limpus Jones
Consulting Landman

/bj
Enclosures
cc/enclosure Mr. Jerry Sexton
New Mexico Oil
Conservation Division
P. O. Box 1980
Hobbs, NM 88241

Mr. Tom Cook
The Wiser Oil Company
P. O. Box 2568
Hobbs, NM 88241

Mr. Steve Gilbert
The Wiser Oil Company
8115 Preston Rd., Suite 400
Dallas, TX 75225

Capitan Chemicals

WATER ANALYSIS REPORT

SAMPLE

Co. : The Wiser Oil Co.
ease : Ben Lindsey
No.: Fresh Water
esman:

Sample Loc. :
Date Analyzed: 01-November-1996
Date Sampled :

ANALYSIS

1.	pH	8.130
2.	Specific Gravity 60/60 F.	1.003
3.	$CaCO_3$ Saturation Index @ 80 F.	+1.137
	@ 140 F.	+1.737

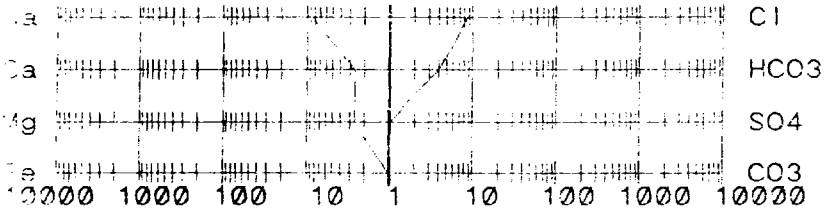
	Dissolved Gasses	MG/L	EQ. WT.	*MEQ/L
4.	Hydrogen Sulfide	Not Present		
5.	Carbon Dioxide	Not Determined		
6.	Dissolved Oxygen	Not Determined		

	Cations			MG/L	EQ. WT.	*MEQ/L
7.	Calcium	(Ca^{++})		50	/ 20.1 =	2.49
8.	Magnesium	(Mg^{++})		30	/ 12.2 =	2.46
9.	Sodium	(Na^{+})	(Calculated)	190	/ 23.0 =	8.26
10.	Barium	(Ba^{++})		5	/ 68.7 =	0.07

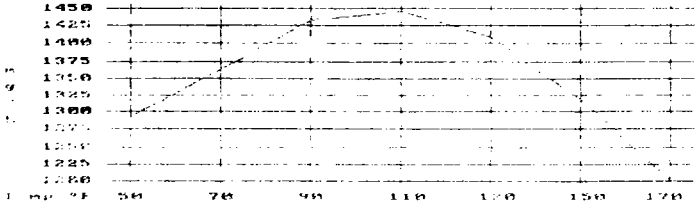
	Anions		MG/L	EQ. WT.	*MEQ/L
11.	Hydroxyl	(OH^{-})	0	/ 17.0 =	0.00
12.	Carbonate	($CO_3^{=}$)	0	/ 30.0 =	0.00
13.	Bicarbonate	(HCO_3^{-})	229	/ 61.1 =	3.75
14.	Sulfate	($SO_4^{=}$)	48	/ 48.8 =	0.98
15.	Chloride	(Cl^{-})	300	/ 35.5 =	8.45

16.	Total Dissolved Solids	852		
17.	Total Iron (Fe)	2	/ 18.2 =	0.08
18.	Total Hardness As $CaCO_3$	250		
19.	Resistivity @ 75 F. (Calculated)	2.835 /cm.		

LOGARITHMIC WATER PATTERN
*meq/L.



Calcium Sulfate Solubility Profile



PROBABLE MINERAL COMPOSITION

COMPOUND	EQ. WT.	X *meq/L	= mg/L.
$Ca(HCO_3)_2$	81.04	2.49	202
$CaSO_4$	68.07	0.00	0
$CaCl_2$	55.50	0.00	0
$Mg(HCO_3)_2$	73.17	1.26	92
$MgSO_4$	60.19	0.91	55
$MgCL_2$	47.62	0.29	14
$NaHCO_3$	84.00	0.00	0
$NaSO_4$	71.03	0.00	0
NaCl	58.46	8.16	477

*Milli Equivalents per Liter

his water is slightly corrosive due to the pH observed on analysis.
he corrosivity is increased by the content of mineral salts in solution.

Capitan Chemicals

WATER ANALYSIS REPORT

SAMPLE

Co. : The Wiser Oil Co.
Lease : Ben Lindsey
Well No. : Fresh Water
Salesman:

Sample Loc. :
Date Analyzed: 01-November-1996
Date Sampled :

ANALYSIS

1.	pH	8.130
2.	Specific Gravity 60/60 F.	1.003
3.	$CaCO_3$ Saturation Index @ 80 F.	+1.137
	@ 140 F.	+1.737

	Dissolved Gasses	MG/L	EQ. WT.	*MEQ/L
4.	Hydrogen Sulfide	Not Present		
5.	Carbon Dioxide	Not Determined		
6.	Dissolved Oxygen	Not Determined		

	Cations			MG/L	EQ. WT.	*MEQ/L
7.	Calcium	(Ca^{++})		50	/ 20.1 =	2.49
8.	Magnesium	(Mg^{++})		30	/ 12.2 =	2.46
9.	Sodium	(Na^{+})	(Calculated)	190	/ 23.0 =	8.26
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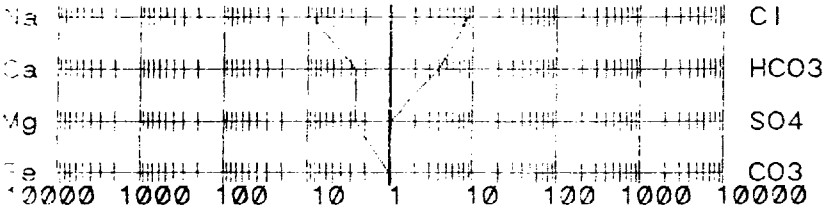

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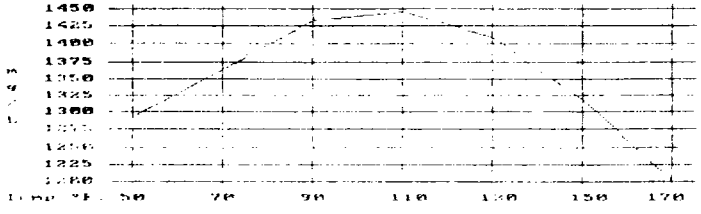

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$NaHCO_3$	84.00	0.00	0
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NaCl	58.46	8.16	477

*Milli Equivalents per Liter

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The corrosivity is increased by the content of mineral salts in solution.