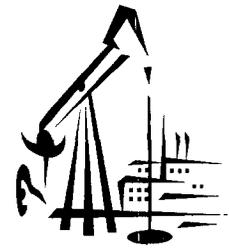


# Avra Oil Company

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2007 JAN 3 PM 3 14

December 26, 2006

Mr. William V. Jones  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Re: Application for Salt Water Disposal Well  
Williams No. 2, API #: 30-025-27643  
Unit H, Sec 11, T-18S, R-38E  
Lea County, NM

Gentleman:

Pursuant to your email and subsequent telephone conversation enclosed please find the original newspaper publication for the Hobbs Daily News-Sun. Also enclosed are the water analysis for the Queen and San Andres formations that you requested.

I hope that this will complete our application. Should you require additional information, please contact Saeed Afghahi with Avra Oil Company at (432) 682-4866 or [avraoil@sbcglobal.net](mailto:avraoil@sbcglobal.net).

Thank you for your prompt consideration to this matter.

Sincerely,

A handwritten signature in black ink that reads "Saeed Afghahi". The signature is written in a cursive, flowing style.

Saeed Afghahi  
Petroleum Engineer





**CAPROCK LABORATORIES, INC.**

3312 Bankhead Hwy.  
Midland, Texas 79701  
(915) 689-7232  
FAX 1 (915) 629-9130

**WATER ANALYSIS REPORT**

*Well File*

**SAMPLE**

Oil Co. : SPACO  
Lease : AVRA Oil  
Well No. : Williams #1 **SAN ANDRES**  
Job No. : 0512032

Sample Loc. : Wellhead  
Date Analyzed : 15-December-2005  
Date Sampled : 13-December-2005  
Analysis No. : 2

**ANALYSIS**

- 1. pH 7.200
- 2. Specific Gravity 60/60 F. 1.002
- 3. CaCO<sub>3</sub> Saturation Index @ 80 F. +0.806  
@ 140 F. +1.736

**Dissolved Gasses**

- 4. Hydrogen Sulfide 360
- 5. Carbon Dioxide Not Determined
- 6. Dissolved Oxygen Not Determined

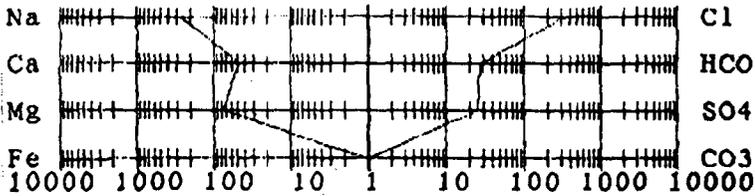
**Cations**

7. Calcium (Ca <sup>++</sup> )	902	/	20.1 =	44.88
8. Magnesium (Mg <sup>++</sup> )	875	/	12.2 =	71.72
9. Sodium (Na <sup>+</sup> )	(Calculated) 6,057	/	23.0 =	263.35
10. Barium (Ba <sup>++</sup> )	Not Determined			

**Anions**

11. Hydroxyl (OH <sup>-</sup> )	0	/	17.0 =	0.00
12. Carbonate (CO <sub>3</sub> <sup>=</sup> )	0	/	30.0 =	0.00
13. Bicarbonate (HCO <sub>3</sub> <sup>-</sup> )	1,586	/	61.1 =	25.96
14. Sulfate (SO <sub>4</sub> <sup>=</sup> )	1,176	/	48.8 =	24.10
15. Chloride (Cl <sup>-</sup> )	11,699	/	35.5 =	329.55
16. Total Dissolved Solids	22,295			
17. Total Iron (Fe)	1	/	18.2 =	0.06
18. Total Hardness As CaCO <sub>3</sub>	5,855			
19. Resistivity @ 75 F. (Calculated)	0.297 /cm.			

**LOGARITHMIC WATER PATTERN**  
\*meq/L.



**PROBABLE MINERAL COMPOSITION**  
COMPOUND EQ. WT. X \*meq/L = mg/L.

Na	Cl	Ca(HCO <sub>3</sub> ) <sub>2</sub>	81.04	25.96	2,104
Ca	HCO <sub>3</sub>	CaSO <sub>4</sub>	68.07	18.92	1,283
Mg	SO <sub>4</sub>	CaCl <sub>2</sub>	55.50	0.00	0
Fe	CO <sub>3</sub>	Mg(HCO <sub>3</sub> ) <sub>2</sub>	73.17	0.00	0
		MgSO <sub>4</sub>	60.19	5.18	312
		MgCl <sub>2</sub>	47.62	66.54	3,169
		NaHCO <sub>3</sub>	84.00	0.00	0
		NaSO <sub>4</sub>	71.03	0.00	0
		NaCl	58.46	263.01	15,375

**Calcium Sulfate Solubility Profile**



\*Milli Equivalents per Liter

*James F. Smith*  
Analyst

# Advertising Receipt

Hobbs Daily News-Sun

201 N Thorp  
P O Box 850  
Hobbs, NM 88241-0850  
Phone: (505) 393-2123  
Fax: (505) 397-0610

AVRA OIL CO.  
P.O. BOX  
MIDLAND, TX

**Cust#:** 67102059-000  
**Ad#:** 67541092  
**Phone:** (432)682-4866  
**Date:** 11/29/06

**Ad taker:** C2      **Salesperson:**      **Classification:** 672

Description	Start	Stop	Ins.	Cost/Day	Surcharges	Total
07 07 Daily News-Sun	12/03/06	12/03/06	1	27.62		27.63
Bold						1.00
Affidavit for legals						3.00

**Payment Reference:**

LEGAL NOTICE  
DECEMBER 3, 2006

Avra Oil Company, P.O. Box 3193, Midland, Texas 79702, has filed form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for an injection well. The proposed well, The Williams No. 2 located 2310' FNL & 560' FEL, Unit H, Section 11, Township 18 South, Range 38 East of Lea County, New Mexico, will be used for salt water disposal. Disposal waters from the San Andres and Queen will be injected into the Queen Sand at a depth of 4092' - 4102' with maximum pressure of 2100 psi and a maximum rate of 1,000 BWPD.

All interested parties opposing the aforementioned must file objections or requests for a hearing with the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505-5472, within 15 days. Additional information can be obtained by contacting Saeed Afghahi at (432) 682-4866.  
#22809

**Total:** □ 31.63  
**Tax:** 2.12  
**Net:** 33.75  
**Prepaid:** 0.00

**Total Due** 33.75

**SUN PUBLISHING CORP**  
201 THORP  
HOBBS, NM 88240

BATCH: 813  
S-A-L-E-S D-R-A-F-T  
75998976  
347482866554

REF: 0013  
CD TYPE: VISA  
TR TYPE: MAIL/PHONE  
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DATE: NOV 29, 06 11:39:16

**TOTAL \$33.75\***  
ACCT: 4856200220168911      EXP: 05/08  
AP: 029781  
TAX \$0.01

CARDMEMBER ACKNOWLEDGES RECEIPT OF GOODS AND/OR SERVICES IN THE AMOUNT OF THE TOTAL SHOWN HEREON AND AGREES TO PERFORM THE OBLIGATIONS SET FORTH BY THE CARDMEMBER'S AGREEMENT WITH THE ISSUER

THANKS FOR USING VISA

X -----

MERCHANT COPY

AFFIDAVIT OF PUBLICATION

State of New Mexico,  
County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs News-Sun, a 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 December 3 2006 and ending with the issue dated December 3 2006

*Kathi Bearden*  
\_\_\_\_\_  
Publisher

Sworn and subscribed to before me this 4th day of

December 2006  
*[Signature]*  
\_\_\_\_\_  
Notary Public.

My Commission expires February 07, 2009 (Seal)



OFFICIAL SEAL  
DORA MONTZ  
NOTARY PUBLIC  
STATE OF NEW MEXICO

My Commission Expires: \_\_\_\_\_

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.

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67102059000      67541092  
AVRA OIL CO.  
P.O. BOX  
MIDLAND, TX