1342-A		IVISION LAEDRATORY			
		WATER ANALYSIS	No		
To Marathon Oil Comran	ÿ	Date_	Date 12-29-76		
Box 2406		This_report_is_the_prop	erty_of_Halliburton_Company_and=neithe t nor a copy thereof is to be published		
Hobbs, New Mexico	······································	or disclosed without fi of laboratory manage course of regular busin	rst securing the express written approva ment; it may however, be used in th less operations by any person or concern receiving such report from Halliburto		
Submitted by		Date Rec	12-29-76		
Well No. Arnquist Est.	<u>#2</u> Depth	Formatio	nYeso		
County	Field	Source			
_	12-22-76	12-23-76			
Resistivity	0.050 @ 74 [°] F.				
Specific Gravity	1.121	1.120			
рН		6.9			
Calcium (Ca)	6,000	6,200	*MPI		
Magnesium (Mg)	300	240			
Chlorides (Cl)	111,500	111,000			
Sulfates (SO₄)	2,300	2,350			
Bicarbonates (HCO₃)	500	510			
Soluble Iron (Fe)	Nil	Nil			
<u>-</u>		· · · · · · · · · · · · · · · · · · ·			
Remarks:			*Milligrams per liter		
	Respectfu	LEGACY	E OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. 8 Submitted by: <u>(RESERVES OPERATING LP</u> aring Date: <u>April 26, 2012</u>		
Analyst:Brewer :c:		HALLIBURTON	N COMPANY		
		By	CHEMIST		

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-:

NOTICE

This report is limited to the described sample tested. Any user of this report agrees that Halliburton shall not be liable for any loss or damage, whether it be to act or omission, resulting from such report or its use.

02/25/2005 17:15

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· BJ SER

PAGE 01/01

Water Analysis

Date: 2/24/2005

2401 Sivley, Artesia NM 88210

Phone (505) 746-5140 Fax (505) 746-2293

Analyzed For

BJ SERVICES

Company	ter and the set of the set of the set of the	Vell Name	and the second second second second	ounty	Stäte:
Westall	<u> </u>	State G#1		Eddy	New Mexico
Sample Source			Sample #		1.
Formation	Canyo	'n	Depth		
Specific Gravity	1.050		SG @ 60 °F		1.051
ρH .	6.30			ulfidəs	Not Tested
Temperature (°F)	65		Reducing Agents		Not Tested
Cations					
Sodium (Calc)		in Mg/L	9,518	In PPM	9,056
Calcium		in Mg/L	5,600	in PPM	5,328
Magnesium		in Mg/L	240	in PPM	228
Soluable Iron (FE2)		in Mg/L	300.0	in PPM	285
Anions			·		
Chiorides		in Mg/L	24,000	in PPM	22,835
Sulfates		in Mg/L	2,000	in PPM	1,903
Bicarbonales	¢	in Mg/L	185	in PPM	175
Total Hardness (as CaCO:	 3)	in Mg/L	15,000	In PPM	14,272
Total Dissolved Solids (Ca	-	in Mg/L	41,844	in PPM	39,813
Equivalent NaCl Concentra		in Mg/L	38,410	in PPM	36,546

Scaling Tendencies

*Colcium Corbonate Index

Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable

*Calcium Sulfate (Gyp) Index

11,200,000

1,038,464

Balow 500,000 Ramote / 600,000 - 10,000,00 Possible / Abova 10,000,000 Probable

"This Calculation is only an approximation and is only valid before treatment of a well or several weeks after treatment.

Remarks FAX 677-2361