



# ANNUAL REPORT OF PRESSURE MONITORING, FLUID INJECTION AND ENHANCED RECOVERY

Complete all blanks - add pages if needed. Copy to be retained for five (5) years after filing date.

OPERATOR: License # \_\_\_\_\_  
Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_  
Lease Name: \_\_\_\_\_  
Well Number: \_\_\_\_\_

API No.: \_\_\_\_\_  
Permit No.: \_\_\_\_\_  
Reporting Year: \_\_\_\_\_  
(January 1 to December 31)  
\_\_\_\_ - \_\_\_\_ - \_\_\_\_ - \_\_\_\_ Sec. \_\_\_\_ Twp. \_\_\_\_ S. R. \_\_\_\_  E  W  
(a/a/a/a)  
\_\_\_\_\_ feet from  N /  S Line of Section  
\_\_\_\_\_ feet from  E /  W Line of Section  
County: \_\_\_\_\_

### I. Injection Fluid:

Type (Pick one):  Fresh Water  Treated Brine  Untreated Brine  Water/Brine  
Source:  Produced Water  Other (Attach list)  
Quality: Total Dissolved Solids: \_\_\_\_\_ mg/l Specific Gravity: \_\_\_\_\_ Additives: \_\_\_\_\_  
(Attach water analysis, if available)

### II. Well Data:

Maximum Authorized Injection Pressure: \_\_\_\_\_ psi Injection Zone: \_\_\_\_\_  
Maximum Authorized Injection Rate: \_\_\_\_\_ barrels per day  
Total Number of Enhanced Recovery Injection Wells Covered by this Permit: \_\_\_\_\_ (Include TA's)

III.	Month:	Total Fluid Injected BBL	Maximum Fluid Pressure	Total Gas Injected MCF	Maximum Gas Pressure	# Days of Injection
	January	_____	_____	_____	_____	_____
	February	_____	_____	_____	_____	_____
	March	_____	_____	_____	_____	_____
	April	_____	_____	_____	_____	_____
	May	_____	_____	_____	_____	_____
	June	_____	_____	_____	_____	_____
	July	_____	_____	_____	_____	_____
	August	_____	_____	_____	_____	_____
	September	_____	_____	_____	_____	_____
	October	_____	_____	_____	_____	_____
	November	_____	_____	_____	_____	_____
	December	_____	_____	_____	_____	_____
	<b>TOTAL</b>	_____	_____	_____	_____	_____



# Water Analysis Report

12/12/2007

Address:

Customer: Becker Oil  
Attention: Clyde M Becker

Lease: Robertson  
Formation:  
Salesman: Jason Henson

CC:

Target Name: Robertson 1-4

Sample Point: Robertson 1-4

Sample Date: 11/30/2007

Test Date: 12/11/2007

**Water Analysis(mg/L)**

Calcium	15238
Magnesium	3305
Barium	
Strontium	
Sodium(calc.)	72752
Bicarbonate Alkalinity	48
Sulfate	1016
Chloride	148000
Resistivity	0.0266

**Appended Data(mg/L)**

CO2	88
H2S	1
Iron	0
Oxygen	

**Physical Properties**

Ionic Strength(calc.)	4.72
pH(calc.)	
Temperature(°F)	90
Pressure(psi)	50
Density	9.72

**Additional Data**

Specific Gravity	1.17
Total Dissolved Solids(Mg/L)	240359
Total Hardness(CaCO3 Eq Mg/)	51640

Dew Point	
Lead	
Zinc	

**Calcite Calculation Information**

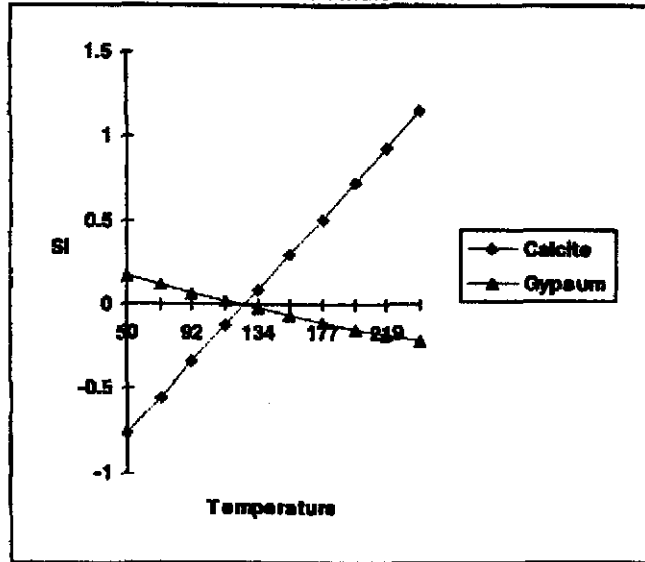
Calculation Method	Value
Known pH	6.50

Remarks:

**SI & PTB Results**

Scale Type	SI	PTB
Calcite (Calcium Carbonate)	-0.36	
Gypsum (Calcium Sulfate)	0.08	83.60
Hemihydrate (Calcium Sulfate)	0.07	63.40
Anhydrite (Calcium Sulfate)	0.28	198.30
Barite (Barium Sulfate)		
Celestite (Strontium Sulfate)		

**Saturation Indices**



Saturation Index Data Points

	50	71	92	113	134	155	177	198	219	240
Calcite	-0.76	-0.55	-0.34	-0.12	0.09	0.30	0.51	0.73	0.94	1.15
Gypsum	0.17	0.12	0.07	0.02	-0.02	-0.07	-0.11	-0.15	-0.18	-0.22

Lab Tech.: *for [Signature]*



# Water Analysis Report

11/11/2009

Address:

Customer: Becker Oil  
Attention: Clyde M Becker

Lease: Bedell  
Formation:  
Saleaman: Jason Henson

CC:

Target Name: Bedell A 2

Sample Point: [REDACTED]

Sample Date: 02/13/2009

Test Date: 03/02/2009

### Water Analysis(mg/L)

Calcium	13634
Magnesium	2430
Barium	
Strontium	
Sodium(calc.)	62350
Bicarbonate Alkalinity	96
Sulfate	396
Chloride	127000
Resistivity	0.0311

### Appended Data(mg/L)

CO2	176
H2S	0
Iron	6
Oxygen	

### Physical Properties

Ionic Strength(calc.)	4.04
pH(calc.)	6.21
Temperature(°F)	90
Pressure(psia)	50
Density	9.52

### Additional Data

Specific Gravity	1.14
Total Dissolved Solids(Mg/L)	205912
Total Hardness(CaCO3 Eq Mg/l)	44044

Dew Point	
Lead	
Zinc	

### Calcite Calculation Information

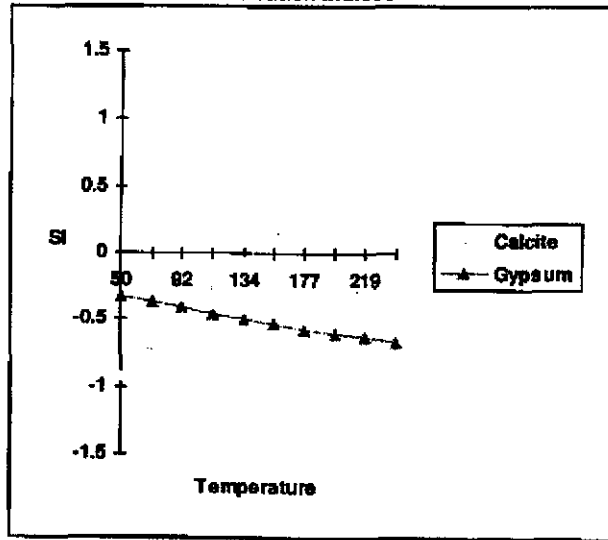
Calculation Method	Value
CO2 in Brine(mg/L)	176

Remarks:

### SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)	-0.53	
Gypsum (Calcium Sulfate)	-0.41	
Hemihydrate (Calcium Sulfate)	-0.44	
Anhydrite (Calcium Sulfate)	-0.28	
Barite (Barium Sulfate)		
Celestite (Strontium Sulfate)		

### Saturation Indices



### Saturation Index Data Points

	50	71	92	113	134	156	177	198	219	240
Calcite	-0.93	-0.72	-0.51	-0.29	-0.08	0.17	0.42	0.67	0.93	1.19
Gypsum	-0.33	-0.37	-0.41	-0.46	-0.50	-0.53	-0.57	-0.60	-0.63	-0.66

Lab Tech.: