



Swift 2-2549

GORDON LAB, INC.

Railroad Avenue P. O. Box 605

GREAT BEND, KANSAS 67530

WATER ANALYSISDATE Dec. 9, 1968TO Walters Drilling Co.Box 751Great Bend, Kansas1. Elmore #1

	1.	2.	3.	
Specific Gravity	1.024			Milligrams per liter
Chlorides	17,900			Milligrams per liter
Calcium	1,620			Milligrams per liter
Magnesium	389			Milligrams per liter
Sulfates	2,000			Milligrams per liter
Bicarbonates	317			Milligrams per liter
Iron	1			Milligrams per liter
Hydrogen Sulfide	1			Milligrams per liter
Barium	0			Milligrams per liter
pH	8			Milligrams per liter
Sulfate Reducing Bacteria				

DEC 18 1968

RESPECTFULLY SUBMITTED

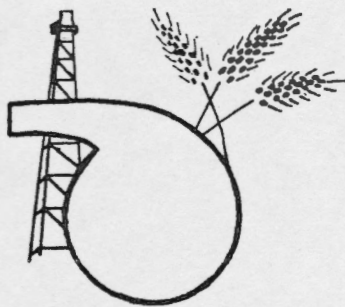
LABORATORY ANALYST

McWilliams

BY

T. J. Gordon

To convert to parts per million, divide by specific gravity.



SEP -2 1970

Phone 792-2549

GORDON LAB, INC.

Railroad Avenue P. O. Box 605

GREAT BEND, KANSAS 67530

WATER ANALYSIS

DATE September 1, 1970

TO Walters Drilling Company
400 Insurance Building
Wichita, Kansas

Elmore SWD Tank

	1.	2.	3.	
Specific Gravity	1.023			Milligrams per liter
Chlorides	16,800			Milligrams per liter
Calcium	1,820			Milligrams per liter
Magnesium	287			Milligrams per liter
Sulfates	2,020			Milligrams per liter
Bicarbonates	354			Milligrams per liter
Iron	3			Milligrams per liter
Hydrogen Sulfide	0			Milligrams per liter
Barium	0			Milligrams per liter
pH	7.5			
Sulfate Reducing Bacteria				

I recommend Disposal #41 at the ratio of 1 quart each day. If the well begins to increase in pressure 5 gallons could be put directly in the well.

The water tank should be covered with an oil blanket.

CC: Walter Zimmerman

RESPECTFULLY SUBMITTED

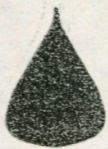
LABORATORY ANALYST

Gordon/Reusch

BY

T. J. Gordon

To convert to parts per million, divide by specific gravity.



GORDON LAB, INC.

925 PATTON ROAD • P. O. BOX 605 • GREAT BEND, KANSAS 67530

WATER ANALYSIS

DATE September 17, 1973

TO Walters Drilling Co.
c/o Walter Zimmerman
Box 751

Great Bend, Kansas 67530

OCT 1 1973

1. Elmore #1

	1.	2.	3.	
Specific Gravity	1.022			Milligrams per liter
Chlorides	18,300			Milligrams per liter
Calcium	2,300			Milligrams per liter
Magnesium	391			Milligrams per liter
Sulfates	1,730			Milligrams per liter
Bicarbonates	415			Milligrams per liter
Iron	0			Milligrams per liter
Hydrogen Sulfide	68			Milligrams per liter
Barium	0			Milligrams per liter
pH	7.5			
Sulfate Reducing Bacteria	None			

cc: Wichita

LABORATORY ANALYST

Pivonka

RESPECTFULLY SUBMITTED

BY

T. J. Gordon

To convert to parts per million, divide by specific gravity.



GORDON LAB, INC.

925 PATTON ROAD • P. O. BOX 605 • GREAT BEND, KANSAS 67530

WATER ANALYSIS

DATE February 5, 1974TO Walters Drilling CompanyBox 751Great Bend, Kansas

FEB 11 1974

Elmore #1

	1.	2.	3.	
Specific Gravity	1.025			Milligrams per liter
Chlorides	20,300			Milligrams per liter
Calcium	2,800			Milligrams per liter
Magnesium	636			Milligrams per liter
Sulfates	1,640			Milligrams per liter
Bicarbonates	488			Milligrams per liter
Iron	0			Milligrams per liter
Hydrogen Sulfide	34			Milligrams per liter
Barium	0			Milligrams per liter
pH	7.5			
Sulfate Reducing Bacteria	None			

Walt:

This water appears to be normal. There is no bacteria in the well.

Grady Bolding

cc: Walters Drilling Company
Wichita, Kansas

RESPECTFULLY SUBMITTED

LABORATORY ANALYST

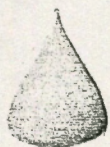
Pivonka

BY

T. J. Gordon

To convert to parts per million, divide by specific gravity.

cc: Walt Z.
Clark Snider



GORDON LAB, INC.

925 PATTON ROAD • P. O. BOX 605 • GREAT BEND, KANSAS 67530

WATER ANALYSIS

DATE May 13, 1975TO Walters Drilling CompanyMr. Walter ZimmermanBox 751, Great Bend, KansasElmore #1

	1.	2.	3.	
Specific Gravity	1.022			Milligrams per liter
Chlorides	16,700			Milligrams per liter
Calcium	2,550			Milligrams per liter
Magnesium	650			Milligrams per liter
Sulfates	1,550			Milligrams per liter
Bicarbonates	500			Milligrams per liter
Iron	0			Milligrams per liter
Hydrogen Sulfide	34			Milligrams per liter
Barium	0			Milligrams per liter
pH	7.5			
Sulfate Reducing Bacteria	None			

cc: Larry Benedict
Ness City, Kansas

RESPECTFULLY SUBMITTED

LABORATORY ANALYST

Gordon/Manning

BY

T. J. Gordon

To convert to parts per million, divide by specific gravity.

From Edison Lab.

Inside

LABORATORY REPORT

Date July 8, 1976

TO Mr. Walter Zimmerman

Walters Drilling Company

P.O. Box 751, Great Bend, Kansas

We Give Below Results of OUR Exam. Of Water samples (bacteria cultures)

Submitted By Larry Benedict

Marked (see below)

<u>WELL</u>	
Dickman #1	-
#2	-
#3	-
Elmore #1	-
Klitzky #1	-
Tilley #1	-
#2	-

SULFATE REDUCING BACTERIA

Present

None

None

None

None

Present

None

cc: Larry Benedict

12

LABORATORY ANALYST

Respectfully Submitted

Grady Bolding
Grady Bolding

bacteria check

Date ?

	treat	4-14	treat	6-22	treat	7-10	treat	8-15	9-10
DICKMAN #1	/	10-100	/	1-10	/	1-10		neg.	
" #2	/	neg.	/	10-100	/	neg.		10-100	/ *
" #3		no water		no water		no water		no water	
" #6		neg.		10-100		neg.		10-100	/ *
ELMORE #1	/	neg.	/	10-100	/	1-10		1-10	/ *
PHelps #1	/	neg.	/	10-100	/	10-100		10-100	/ *
TILLEY #1	/	neg.	/	no water	/	neg.		1-10	
" #2	/	neg.	/	neg.	/	neg.		neg.	
Now 'c' #2		2-27 neg.		10-100	/	1-10		10-100	/

* cleanup w/ 11 gal. SF-6105 in 200 gals diesel and batched down the annulus. Left well pumping.



GORDON LAB, INC.

925 PATTON ROAD • P. O. BOX 605 • GREAT BEND, KANSAS 67530

WATER ANALYSIS

DATE January 5, 1977TO Walters Drilling Co.Attn: Walter ZimmermanBox 751, Great Bend, Kansas 675301. Elmore #1 (12/17/76)2. Elmore #1 (5/13/75)

	1.	2.	3.	
Specific Gravity				Milligrams per liter
Chlorides	17,300	16,700		Milligrams per liter
Calcium	2,400	2,550		Milligrams per liter
Magnesium	670	650		Milligrams per liter
Sulfates	1,770	1,550		Milligrams per liter
Bicarbonates	520	500		Milligrams per liter
Iron	0	0		Milligrams per liter
Hydrogen Sulfide	20	34		Milligrams per liter
Barium	0	0		Milligrams per liter
pH	7.1	7.5		
Sulfate Reducing Bacteria	Negative			

cc: Wichita Office
Larry Benedict

RESPECTFULLY SUBMITTED

LABORATORY ANALYST

Manning/Medlock

BY

R. H. Hausler

To convert to parts per million, divide by specific gravity.



GORDON LAB, INC.

925 PATTON ROAD • P. O. BOX 605 • GREAT BEND, KANSAS 67530

WATER ANALYSIS

DATE May 5, 1978TO Walters Drilling Co.Attn: Walt ZimmermanBox 751 Great Bend, KansasElmore

	1.	2.	3.	
Specific Gravity	<u>17,900</u>	<u> </u>	<u> </u>	Milligrams per liter
Chlorides	<u>2,300</u>	<u> </u>	<u> </u>	Milligrams per liter
Calcium	<u>650</u>	<u> </u>	<u> </u>	Milligrams per liter
Magnesium	<u>1,480</u>	<u> </u>	<u> </u>	Milligrams per liter
Sulfates	<u>505</u>	<u> </u>	<u> </u>	Milligrams per liter
Bicarbonates	<u>11</u>	<u> </u>	<u> </u>	Milligrams per liter
Iron	<u>0</u>	<u> </u>	<u> </u>	Milligrams per liter
Hydrogen Sulfide	<u>0</u>	<u> </u>	<u> </u>	Milligrams per liter
Barium	<u>7.2</u>	<u> </u>	<u> </u>	Milligrams per liter
pH	<u>none</u>	<u> </u>	<u> </u>	
Sulfate Reducing Bacteria	<u> </u>	<u> </u>	<u> </u>	
	<u> </u>	<u> </u>	<u> </u>	

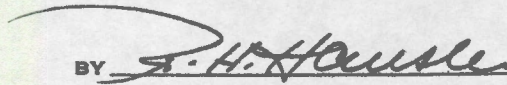
cc: Wichita
Larry Benedict

RESPECTFULLY SUBMITTED

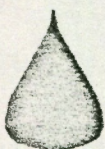
LABORATORY ANALYST

Manning/Medlock

BY


R. H. Hausler

To convert to parts per million, divide by specific gravity.



GORDON LAB, INC.

925 PATTON ROAD • P. O. BOX 605 • GREAT BEND, KANSAS 67530

WATER ANALYSIS

DATE June 1, 1977TO Walters Drilling Co.Attn: Walter ZimmermanBox 751 Great Bend, KansasElmore #1

	1.	2.	3.	
Specific Gravity				Milligrams per liter
Chlorides	16,200			Milligrams per liter
Calcium	2,400			Milligrams per liter
Magnesium	620			Milligrams per liter
Sulfates	1,730			Milligrams per liter
Bicarbonates	500			Milligrams per liter
Iron	0			Milligrams per liter
Hydrogen Sulfide	30			Milligrams per liter
Barium	0			Milligrams per liter
pH	7.4			
Sulfate Reducing Bacteria	negative			

The above water analysis was run at your request. The mineral composition is almost identical to results obtained May 13, 1975. A bacteria test gave a negative result at this time.

cc: Larry Benedict
Don Froelich
Wichita Office

LABORATORY ANALYST

Manning/Medlock

RESPECTFULLY SUBMITTED

BY

R. H. Hausler

To convert to parts per million, divide by specific gravity.

Chem-Serv Inc.

105 South Broadway
Suite 705, Broadway Plaza Bldg.
Wichita, Kansas 67202
Phone (316) 263-3399

WATER ANALYSIS REPORT

SHEET NUMBER

DATE

Walters Drilling

4/26/84

COUNTY OR PARISH

STATE

Ness

Kansas

OR UNIT

WELL(S) NAME OR NO.

WATER SOURCE (FORMATION)

Elmore

#1

Mississippi

D. FT.

BHT, F

SAMPLE SOURCE

TEMP, F

WATER, BBL/DAY

OIL, BBL/DAY

GAS, MMCF/DAY

88

5

SAMPLED

TYPE OF WATER

4/16/84

☒ PRODUCED☐ SUPPLY☐ WATERFLOOD☐ SALT WATER DISPOSAL

DISSOLVED SOLIDS

IONS

me/l*

mg/l*

Hardness

116

Ca⁺⁺

90

Mg⁺⁺

26

Total Fe⁺⁺⁺

0

Ba⁺⁺

371

Na⁺(calc.)

8,533

ANIONS

Chloride, Cl⁻

451

16,000

Sulfate, SO₄⁼

33

1,575

Carbonate, CO₃⁼

2.7

165

Bicarbonate, HCO₃⁻

2.7

165

Hydroxyl, OH⁻

trace

trace

Sulfide, S⁼

negative

negative

Sulfate Reducing Bacteria

negative

negative

CAL PROPERTIES

7.2

Oxidation Potential)

MV

Specific Gravity

1.021

Density, JTU Units

Dissolved Solids (calc.) 28,390 mg/l*

DISSOLVED GASES

Hydrogen Sulfide, H₂S

25

mg/l*

Carbon Dioxide, CO₂

mg/l*

Oxygen, O₂

mg/l*

Residual Hydrocarbons

ppm(Vol/Vol)

ppm(Vol/Vol)

SUSPENDED SOLIDS (QUALITATIVE)

Iron Sulfide ☐Iron Oxide ☐Calcium Carbonate ☐Acid Insoluble ☐

REMARKS AND RECOMMENDATIONS:

ENGINEER

DIST. NO.

ADDRESS

OFFICE PHONE

HOME PHONE

Patton

Great Bend, Kansas

793-8154

793-7602

ED

DATE

DISTRIBUTION

☐ CUSTOMER☐ DISTRICT OFFICE

Banks

4/26/84

☐ ENGINEER☐ SALES SUPERVISOR



GORDON LAB, INC.

925 PATTON ROAD • P. O. BOX 605 • GREAT BEND, KANSAS 67530

WATER ANALYSIS

DATE Nov. 6, 1978TO Walters Drilling CompanyAttn: Walt ZimmermanBox 751 Great Bend, Kansas 67530Elmore #1

	1.	2.	3.	
Specific Gravity	<u>1.022</u>	<u> </u>	<u> </u>	Milligrams per liter
Chlorides	<u>17,200</u>	<u> </u>	<u> </u>	Milligrams per liter
Calcium	<u>1,750</u>	<u> </u>	<u> </u>	Milligrams per liter
Magnesium	<u>500</u>	<u> </u>	<u> </u>	Milligrams per liter
Sulfates	<u>1,260</u>	<u> </u>	<u> </u>	Milligrams per liter
Bicarbonates	<u>560</u>	<u> </u>	<u> </u>	Milligrams per liter
Iron	<u>4</u>	<u> </u>	<u> </u>	Milligrams per liter
Hydrogen Sulfide	<u>0</u>	<u> </u>	<u> </u>	Milligrams per liter
Barium	<u>0</u>	<u> </u>	<u> </u>	Milligrams per liter
pH	<u>7.1</u>	<u> </u>	<u> </u>	
Sulfate Reducing Bacteria	<u>none</u>	<u> </u>	<u> </u>	
	<u> </u>	<u> </u>	<u> </u>	
	<u> </u>	<u> </u>	<u> </u>	

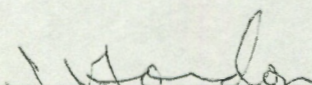
cc: Wichita 
 Don Froelich
 Larry Benedict

LABORATORY ANALYST

Manning/Medlock

RESPECTFULLY SUBMITTED

BY


T. J. Gordon

To convert to parts per million, divide by specific gravity.

NOV - 7



GORDON LAB, INC.

925 PATTON ROAD • P. O. BOX 605 • GREAT BEND, KANSAS 67530

WATER ANALYSIS

DATE May 21, 1979TO Walters Drilling Co.Box 751Great Bend, Kansas 67530Elmore #1

	1.	2.	3.	
Specific Gravity	<u>1.022</u>	<u> </u>	<u> </u>	Milligrams per liter
Chlorides	<u>17,200</u>	<u> </u>	<u> </u>	Milligrams per liter
Calcium	<u>1,800</u>	<u> </u>	<u> </u>	Milligrams per liter
Magnesium	<u>600</u>	<u> </u>	<u> </u>	Milligrams per liter
Sulfates	<u>1,820</u>	<u> </u>	<u> </u>	Milligrams per liter
Bicarbonates	<u>600</u>	<u> </u>	<u> </u>	Milligrams per liter
Iron	<u>0</u>	<u> </u>	<u> </u>	Milligrams per liter
Hydrogen Sulfide	<u>30</u>	<u> </u>	<u> </u>	Milligrams per liter
Barium	<u>0</u>	<u> </u>	<u> </u>	Milligrams per liter
pH	<u>7.1</u>	<u> </u>	<u> </u>	
Sulfate Reducing Bacteria	<u>none</u>	<u> </u>	<u> </u>	
	<u> </u>	<u> </u>	<u> </u>	
	<u> </u>	<u> </u>	<u> </u>	

cc: Wichita X
LABORATORY ANALYSTManning/Medlock

RESPECTFULLY SUBMITTED

BY J. Gordon

F. J. Gordon

To convert to parts per million, divide by specific gravity.



GORDON LAB, INC.

925 PATTON ROAD • P. O. BOX 605 • GREAT BEND, KANSAS 67530

WATER ANALYSIS

DATE Dec. 21, 1979

TO Walters Drilling Co., Inc.
Walt Zimmerman
Box 751

Great Bend, Kansas 67530

Elmore

	1.	2.	3.	
Specific Gravity	<u>1.022</u>			Milligrams per liter
Chlorides	<u>16,700</u>			Milligrams per liter
Calcium	<u>1,850</u>			Milligrams per liter
Magnesium	<u>625</u>			Milligrams per liter
Sulfates	<u>1,730</u>			Milligrams per liter
Bicarbonates	<u>550</u>			Milligrams per liter
Iron	<u>0</u>			Milligrams per liter
Hydrogen Sulfide	<u>30</u>			Milligrams per liter
Barium	<u>0</u>			Milligrams per liter
pH	<u>7.2</u>			
Sulfate Reducing Bacteria	<u>positive</u>			

This analysis was run for your records. Please note the presence of sulfate reducing bacteria in this sample. We recommend treating this well with two 5 gallon batches of Corrosion Inhibitor #3. The remainder of the results compare with our analysis on May 21, 1979.

cc: Wichita
Larry Benedict

RESPECTFULLY SUBMITTED

LABORATORY ANALYST

Manning/Medlock

BY

Stephen H. Couch
 Stephen H. Couch

To convert to parts per million, divide by specific gravity.



GORDON LAB, INC.

925 PATTON ROAD • P. O. BOX 605 • GREAT BEND, KANSAS 67530

WATER ANALYSIS

DATE May 28, 1980

TO Walters Drilling Co., Inc.
Walt Zimmerman
Box 751
Great Bend, Kansas 67530

Elmore #1

	1.	2.	3.	
Specific Gravity	<u>1.025</u>	<u> </u>	<u> </u>	Milligrams per liter
Chlorides	<u>17,500</u>	<u> </u>	<u> </u>	Milligrams per liter
Calcium	<u>1,900</u>	<u> </u>	<u> </u>	Milligrams per liter
Magnesium	<u>700</u>	<u> </u>	<u> </u>	Milligrams per liter
Sulfates	<u>1,550</u>	<u> </u>	<u> </u>	Milligrams per liter
Bicarbonates	<u>580</u>	<u> </u>	<u> </u>	Milligrams per liter
Iron	<u>13</u>	<u> </u>	<u> </u>	Milligrams per liter
Hydrogen Sulfide	<u>0</u>	<u> </u>	<u> </u>	Milligrams per liter
Barium	<u>0</u>	<u> </u>	<u> </u>	Milligrams per liter
pH	<u>7.3</u>	<u> </u>	<u> </u>	
Sulfate Reducing Bacteria	<u>negative</u>	<u> </u>	<u> </u>	
	<u> </u>	<u> </u>	<u> </u>	
	<u> </u>	<u> </u>	<u> </u>	

These results compare with our analysis of December 21, 1979.

cc: Wichita
Larry Benedict
 LABORATORY ANALYST

Manning

RESPECTFULLY SUBMITTED

BY

Stephen H. Couch
 Stephen H. Couch

To convert to parts per million, divide by specific gravity.



GORDON LAB, INC.

925 PATTON ROAD • P.O. Box 1506 • GREAT BEND, KANSAS 67530

WATER ANALYSIS

DATE Feb. 12, 1981TO Walters Drilling Co., Inc.
Walt ZimmermanBox 751Great Bend, KS 67530Elmore

	1.	2.	3.	
Specific Gravity	<u>1.027</u>			Milligrams per liter
Chlorides	<u>18,100</u>			Milligrams per liter
Calcium	<u>2,000</u>			Milligrams per liter
Magnesium	<u>800</u>			Milligrams per liter
Sulfates	<u>1,720</u>			Milligrams per liter
Bicarbonates	<u>600</u>			Milligrams per liter
Iron	<u>0</u>			Milligrams per liter
Hydrogen Sulfide	<u>60</u>			Milligrams per liter
Barium	<u>0</u>			Milligrams per liter
pH	<u>7.4</u>			
Sulfate Reducing Bacteria	<u>negative</u>			

These results compare with our analysis of May 28, 1980.

cc: Wichita ✓
Don Froelich
Larry Benedict

LABORATORY ANALYST

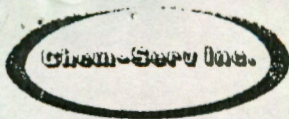
Manning/Gee

RESPECTFULLY SUBMITTED

BY

Stephen H. Couch

To convert to parts per million, divide by specific gravity.



110 South Main, Suite 900
Wichita, Kansas 67202
Phone (316) 263-3399

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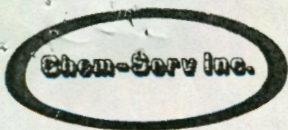
REPORT OF TEST

		SHEET NUMBER	
COMPANY Walters Drilling		DATE 1/17/85	
FIELD OR PLANT		COUNTY OR PARISH	STATE Kansas
LEASE OR UNIT Listed Below:	WELL(S) NAME & NO. -----	SAMPLE SOURCE Wellhead	
TYPE SAMPLE Water		TYPE TEST Qualitative-Quantitative	
REASON FOR TEST Monitor WC-4831 treatment for sulfate reducing bacteria			
RESULTS:			

Well and No.	1/17/85	4/17/85	6/5/85
Dickman #3		Pos. 1-10	Pos. 10-100
Dickman #1	Negative	Pos. 1-10	Negative
Dickman #2	Negative	Pos. 1-10	Negative
Dickman #6	Pos. 1-10	Pos. 10-100	Negative
Elmore #1	Negative	Negative	
Noll "C" #2	Pos. 1-10	Pos. 1-10	Negative
Phelps #1	Negative	Pos. 1-10	Pos. 10-100
Tilley #1	Negative	Negative	
Tilley #2	Negative	Negative	

REMARKS & RECOMMENDATIONS:

SALES ENGINEER Larry Lancaster	DIST. NO.	ADDRESS Great Bend	OFFICE PHONE 792-2167	HOME PHONE 792-7430
TESTED BY Carl Patton	DATE 1/17/85	DISTRIBUTION: ☐ CUSTOMER ☐ AREA OR ☐ DISTRICT OFFICE ☐ SALES ENGINEER OR ☐ CHEM. LAB ☐ CHEM. SALES SUPERVISOR		



110 South Main, Suite 900
Wichita, Kansas 67202
Phone (316) 263-3399

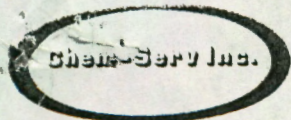
REPORT OF TEST

			SHEET NUMBER	
COMPANY Walters Drilling Company			DATE —	
FIELD OR PLANT		COUNTY OR PARISH Ness	STATE Kansas	
LEASE OR UNIT Listed Below:	WELL(S) NAME & NO. -----	SAMPLE SOURCE bleeder		
TYPE SAMPLE water		TYPE TEST qualitative-quantitative		
REASON FOR TEST Test for sulfate reducing bacteria.				

RESULTS:

Well #	Sulfate Reducing Bacteria 7/18/85	Sulfate Reducing Bacteria 8/22/85
Well #1	Negative	
Well #1	Positive 10-100	Positive 100-1,000
Well #2	Positive 1-10	Negative
Well #3	Negative	
Well #6	Positive 10-100	Positive 1-10
Well #2	Positive 10-100	Positive 10-100
Well #1	Negative	
Well #1	Positive 10-100	Negative
Well #2	Negative	

SALES ENGINEER Carl Patton	DIST. NO.	ADDRESS Great Bend	OFFICE PHONE 792-2167	HOME PHONE 793-7602
TESTED BY Joe Henning	DATE 8/22/85	DISTRIBUTION: ☐ CUSTOMER ☐ AREA OR ☐ DISTRICT OFFICE ☐ SALES ENGINEER OR ☐ CHEM. LAB ☐ CHEM. SALES SUPERVISOR		



110 South Main, Suite 900
Wichita, Kansas 67202
Phone (316) 263-3399

REPORT OF TEST

COMPANY Walters Drilling			SHEET NUMBER
FIELD OR PLANT			DATE 11/14/85
COUNTY OR PARISH			STATE Kansas
LEASE OR UNIT Listed Below	WELL(S) NAME & NO.	SAMPLE SOURCE bleeder	
TYPE SAMPLE water		TYPE TEST qualitative-quantitative	
REASON FOR TEST			

Test for sulfate reducing bacteria.

RESULTS:

Sulfate Reducing Bacteria

Lease	Well #	11/14/85
✓ Dickman	#1	Positive 10-100
	#2	Positive 1-10
	#3	Positive 1-10
	#6	Negative
Elmore	#1	Negative
Phelps	#1	Negative
Tilley	#1	Negative
	#2	Negative

REMARKS & RECOMMENDATIONS:

The results of our most recent set of bacteria culture bottles indicate control is being maintained on all but one well. The Dickman #1 should be re-treated with 25 gal. batches 1 week apart in order to get the colony count under control again. Monitoring will continue every three months.

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CHEMICAL TREATING

SUMMARY SHEET

Chem-Serv Inc.

CUSTOMER

Walters Drilling Company
5-2-84

LEASE WELL	WELL VOLUMES	CHEMICAL	AMOUNT	FREQUENCY	METHOD
Tilley #1 (Miss)	10 bopd 322 bwpd	CI-1092 WC-4010 EB-9425	2 gal. 3 gal. 1 qt.	weekly monthly daily	Prewet, batch & Circulate to bottom. Prewet, batch & circulate ahead of CI treat Continuous injection at leadline
Tilley #2 (Miss)	7 bopd 353 bwpd	CI-1092 WC-4010	2 gal. 3 gal.	weekly monthly	Prewet, batch & circulate to bottom Prewet, batch & circulate ahead of CI treat
Dickman #1 (Miss)	10 bopd 182 bwpd	CI-1092 WC-4010	5 qts. 3 gal.	weekly monthly	Prewet, batch & circulate to bottom. Prewet, batch & circulate ahead of CI treat
Dickman #2 (Miss)	13 bopd 153 bwpd	CI-1092 WC-4010	1 gal. 3 gal.	weekly monthly	Prewet, batch & circulate to bottom. Prewet, batch & circulate ahead of CI treat
Dickman #3 (FS)	8 bopd Tr bwpd	PC-5600 EB-9425	50/50mix @ 2 qts.	daily	Continuous injection at leadline
Dickman #6 (Miss)	4 bopd 136 bwpd	CI-1092	1 gal.	weekly	Prewet, batch, & circulate to bottom.
SWD & Water Holding Tank		PS-5000 SF-6450 WC-4010	5 gal. 5 gal. 5 gal.	weekly weekly monthly	batched directly in SWD batched behind the PC-5430 batched in water holding tank
Elms #1 (Cher)	11 bopd 152 bwpd	CI-1097 WC-4010 EB-9425	1 gal. 3 gal. 1 pint	weekly monthly daily	Prewet, batch & circulate to bottom. Prewet, batch & circulate ahead of CI treat Continuous injection at leadline
Elmore #1 (Miss)	5 bopd 88 bwpd	CI-1092 WC-4010 EB-9425	1 gal. 3 gal. 1/2 pint	weekly monthly daily	Prewet, batch & circulate to bottom Prewet, batch & circulate ahead of CI treat continuous injection at leadline
"					
SWD					

Thanks! Larry