HALLIBURTON SERVICES

ARTESIA DISTRICT

LABORATORY REPORT No. _____

TO SDX Resources Date 2/10/95

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Submitted by Chuck Morgan Date Rec. 2/10/95

Well No. Conoco 7 Tank Bat. Depth _____ Formation _____

Field _____ County _____ Source _____

Resistivity	.06		
Specific Gravity ..	1.1		
pH	7.1		
Calcium	2500		
Magnesium	750		
Chlorides	110,000 mpl		
Sulfates	4500 mpl		
Bicarbonates	800 mpl		
Soluble Iron	Nil		
_____			
_____			
_____			

Remarks:

David McKenzie
Respectfully submitted

Analyst: _____

HALLIBURTON SERVICES

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ATTACHMENT "D"

PETROLITE

SCALE TENDENCY REPORT

Company	: SDX RESOURCES	Date	: 02/29/96
Address	: ARTESIA, NM	Date Sampled	: 02/29/96
Lease	: CONOCO 7 STATE	Analysis No.	: 0232
Well	: #2	Analyst	: SHAWNA MATTHEWS
Sample Pt.	: WELLHEAD		

STABILITY INDEX CALCULATIONS
(Stiff-Davis Method)
CaCO3 Scaling Tendency

S.I. =	0.3	at	60 deg. F	or	16 deg. C
S.I. =	0.4	at	80 deg. F	or	27 deg. C
S.I. =	0.5	at	100 deg. F	or	38 deg. C
S.I. =	0.6	at	120 deg. F	or	49 deg. C
S.I. =	0.6	at	140 deg. F	or	60 deg. C

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CALCIUM SULFATE SCALING TENDENCY CALCULATIONS
(Skillman-McDonald-Stiff Method)
Calcium Sulfate

S =	6479	at	60 deg. F	or	16 deg C
S =	6844	at	80 deg. F	or	27 deg C
S =	7070	at	100 deg. F	or	38 deg C
S =	7177	at	120 deg. F	or	49 deg C
S =	7253	at	140 deg. F	or	60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS

PETROLITE

TRETOLITE DIVISION

Petrolite Corporation
422 West Main Street
Artesia, NM 88210-2041
(505) 746-3566
Fax (505) 746-3580

Reply to:
PO Box 1140
Artesia, NM
88211-7531

WATER ANALYSIS REPORT

Company	: SDX RESOURCES	Date	: 02/29/96
Address	: ARTESIA, NM	Date Sampled	: 02/29/96
Lease	: CONOCO 7 STATE	Analysis No.	: 0232
Well	: #2		
Sample Pt.	: WELLHEAD		

	ANALYSIS		mg/L		* meq/L
1.	pH	6.6			
2.	H2S	210 PPM			
3.	Specific Gravity	1.070			
4.	Total Dissolved Solids		109059.7		
5.	Suspended Solids		NR		
6.	Dissolved Oxygen		NR		
7.	Dissolved CO2		NR		
8.	Oil In Water		NR		
9.	Phenolphthalein Alkalinity (CaCO3)				
10.	Methyl Orange Alkalinity (CaCO3)				
11.	Bicarbonate	HCO3	1683.0	HCO3	27.6
12.	Chloride	Cl	64539.0	Cl	1820.6
13.	Sulfate	SO4	1200.0	SO4	25.0
14.	Calcium	Ca	720.0	Ca	35.9
15.	Magnesium	Mg	1482.8	Mg	122.0
16.	Sodium (calculated)	Na	39432.9	Na	1715.2
17.	Iron	Fe	2.0		
18.	Barium	Ba	NR		
19.	Strontium	Sr	NR		
20.	Total Hardness (CaCO3)		7903.0		

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter

36	*Ca <----- *HCO3	28
	/------->	
122	*Mg -----> *SO4	25
	<---------/	
1715	*Na -----> *Cl	1821

Saturation Values Dist. Water 20 C

CaCO3	13 mg/L
CaSO4 * 2H2O	2090 mg/L
BaSO4	2.4 mg/L

Compound	Equiv wt	X meq/L	= mg/L
Ca(HCO3)2	81.0	27.6	2236
CaSO4	68.1	8.3	568
CaCl2	55.5		
Mg(HCO3)2	73.2		
MgSO4	60.2	16.6	1002
MgCl2	47.6	105.3	5015
NaHCO3	84.0		
Na2SO4	71.0		
NaCl	58.4	1715.2	100238

REMARKS:
STEVE TIGERT

Petrolite Oilfield Chemicals Group

Respectfully submitted,

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Artesia, N
88211-75

WATER ANALYSIS REPORT

Company	: SDX RESOURCES	Date	: 01/22/96
Address	: ARTESIA, NM	Date Sampled	: 01/22/96
Lease	: CONOCO 7 STATE	Analysis No.	: 0205
Well	: #3		
Sample Pt.	: WELLHEAD		

	ANALYSIS		mg/L		* meq/L
1.	pH	6.5			
2.	H2S	125			
3.	Specific Gravity	1.080			
4.	Total Dissolved Solids		126426.9		
5.	Suspended Solids		NR		
6.	Dissolved Oxygen		NR		
7.	Dissolved CO2		NR		
8.	Oil In Water		NR		
9.	Phenolphthalein Alkalinity (CaCO3)				
10.	Methyl Orange Alkalinity (CaCO3)				
11.	Bicarbonate	HCO3	939.0	HCO3	15.4
12.	Chloride	Cl	75402.0	Cl	2127.3
13.	Sulfate	SO4	2000.0	SO4	41.6
14.	Calcium	Ca	2080.0	Ca	103.8
15.	Magnesium	Mg	2041.6	Mg	168.0
16.	Sodium (calculated)	Na	43963.3	Na	1912.3
17.	Iron	Fe	1.0		
18.	Barium	Ba	NR		
19.	Strontium	Sr	NR		
20.	Total Hardness (CaCO3)		13600.0		

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter

104	*Ca	*HCO3	15	Ca(HCO3)2	81.0	15.4	1247
				CaSO4	68.1	41.6	2833
168	*Mg	*SO4	42	CaCl2	55.5	46.8	2594
				Mg(HCO3)2	73.2		
1912	*Na	*Cl	2127	MgSO4	60.2		
				MgCl2	47.6	168.0	7992
Saturation Values Dist. Water 20 C				NaHCO3	84.0		
CaCO3		13 mg/L		Na2SO4	71.0		
CaSO4 * 2H2O		2090 mg/L		NaCl	58.4	1912.3	111744
BaSO4		2.4 mg/L					

REMARKS

- STEVE TIGERT

Petrolite Oilfield Chemicals Group

Respectfully submitted,
STEVE TIGERT

ATTACHMENT "E"

PETROLITE

SCALE TENDENCY REPORT

Company	: SDX RESOURCES	Date	: 01/22/96
Address	: ARTESIA, NM	Date Sampled	: 01/22/96
Lease	: CONOCO 7 STATE	Analysis No.	: 0205
Well	: #3	Analyst	: STEVE TIGERT
Sample Pt.	: WELLHEAD		

STABILITY INDEX CALCULATIONS
(Stiff-Davis Method)
CaCO3 Scaling Tendency

S.I. =	0.5	at	60 deg. F	or	16 deg. C
S.I. =	0.5	at	80 deg. F	or	27 deg. C
S.I. =	0.6	at	100 deg. F	or	38 deg. C
S.I. =	0.7	at	120 deg. F	or	49 deg. C
S.I. =	0.7	at	140 deg. F	or	60 deg. C

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CALCIUM SULFATE SCALING TENDENCY CALCULATIONS
(Skillman-McDonald-Stiff Method)
Calcium Sulfate

S =	5260	at	60 deg. F	or	16 deg. C
S =	5629	at	80 deg. F	or	27 deg. C
S =	5864	at	100 deg. F	or	38 deg. C
S =	5975	at	120 deg. F	or	49 deg. C
S =	6056	at	140 deg. F	or	60 deg. C

Petrolite Oil Field Chemicals Group

STEVE TIGERT

ATTACHMENT "E"

PETROLITE

SCALE TENDENCY REPORT

Company	: SDX RESOURCES	Date	: 02/29/96
Address	: ARTESIA, NM	Date Sampled	: 02/29/96
Lease	: CONOCO 7 STATE	Analysis No.	: 0233
Well	: #4	Analyst	: SHAWNA MATTHEWS
Sample Pt.	: WELLHEAD		

STABILITY INDEX CALCULATIONS
(Stiff-Davis Method)
CaCO3 Scaling Tendency

S.I. =	-0.3	at	60 deg. F or	16	deg. C
S.I. =	-0.3	at	80 deg. F or	27	deg. C
S.I. =	-0.2	at	100 deg. F or	38	deg. C
S.I. =	-0.2	at	120 deg. F or	49	deg. C
S.I. =	-0.1	at	140 deg. F or	60	deg. C

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CALCIUM SULFATE SCALING TENDENCY CALCULATIONS
(Skillman-McDonald-Stiff Method)
Calcium Sulfate

S =	7183	at	60 deg. F or	16	deg C
S =	7587	at	80 deg. F or	27	deg C
S =	7838	at	100 deg. F or	38	deg C
S =	7951	at	120 deg. F or	49	deg C
S =	8030	at	140 deg. F or	60	deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS

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P.O. Box 1140
Artesia, NM
88211-753

WATER ANALYSIS REPORT

Company	: SDX RESOURCES	Date	: 02/29/96
Address	: ARTESIA, NM	Date Sampled	: 02/29/96
Lease	: CONOCO 7 STATE	Analysis No.	: 0233
Well	: #4		
Sample Pt.	: WELLHEAD		

	ANALYSIS		mg/L		* meq/L
1.	pH	5.8			
2.	H2S	110 PPM			
3.	Specific Gravity	1.130			
4.	Total Dissolved Solids		193036.9		
5.	Suspended Solids		NR		
6.	Dissolved Oxygen		NR		
7.	Dissolved CO2		NR		
8.	Oil In Water		NR		
9.	Phenolphthalein Alkalinity (CaCO3)				
10.	Methyl Orange Alkalinity (CaCO3)				
11.	Bicarbonate	HCO3	646.0	HCO3	10.6
12.	Chloride	Cl	112890.0	Cl	3184.5
13.	Sulfate	SO4	4750.0	SO4	98.9
14.	Calcium	Ca	2080.0	Ca	103.8
15.	Magnesium	Mg	755.0	Mg	62.1
16.	Sodium (calculated)	Na	71914.6	Na	3128.1
17.	Iron	Fe	1.3		
18.	Barium	Ba	NR		
19.	Strontium	Sr	NR		
20.	Total Hardness (CaCO3)		8303.0		

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter

104	*Ca <----- *HCO3	11
	/------->	
62	*Mg -----> *SO4	99
	<---------/	
3128	*Na -----> *Cl	3184

Saturation Values Dist. Water 20 C

CaCO3	13 mg/L
CaSO4 * 2H2O	2090 mg/L
BaSO4	2.4 mg/L

Compound	Equiv wt	X meq/L	= mg/L
Ca(HCO3)2	81.0	10.6	858
CaSO4	68.1	93.2	6343
CaCl2	55.5		
Mg(HCO3)2	73.2		
MgSO4	60.2	5.7	344
MgCl2	47.6	56.4	2685
NaHCO3	84.0		
Na2SO4	71.0		
NaCl	58.4	3128.1	182805

REMARKS:
-------- STEVE TIGERT

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS

PETROLITE

SCALE TENDENCY REPORT

Company	: SDX RESOURCES	Date	: 02/29/96
Address	: ARTESIA, NM	Date Sampled	: 02/29/96
Lease	: CONOCO 7 STATE	Analysis No.	: 0234
Well	: #5	Analyst	: SHAWNA MATTHEWS
Sample Pt.	: WELLHEAD		

STABILITY INDEX CALCULATIONS
(Stiff-Davis Method)
CaCO3 Scaling Tendency

S.I. = -0.1 at 60 deg. F or 16 deg. C
S.I. = -0.0 at 80 deg. F or 27 deg. C
S.I. = NR at 100 deg. F or 38 deg. C
S.I. = 0.1 at 120 deg. F or 49 deg. C
S.I. = 0.2 at 140 deg. F or 60 deg. C

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CALCIUM SULFATE SCALING TENDENCY CALCULATIONS
(Skillman-McDonald-Stiff Method)
Calcium Sulfate

S = 6087 at 60 deg. F or 16 deg C
S = 6462 at 80 deg. F or 27 deg C
S = 6699 at 100 deg. F or 38 deg C
S = 6812 at 120 deg. F or 49 deg C
S = 6894 at 140 deg. F or 60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS

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WATER ANALYSIS REPORT

Company	: SDX RESOURCES	Date	: 02/29/96
Address	: ARTESIA, NM	Date Sampled	: 02/29/96
Lease	: CONOCO 7 STATE	Analysis No.	: 0234
Well	: #5		
Sample Pt.	: WELLHEAD		

	ANALYSIS		mg/L		* meq/L
1.	pH	6.2			
2.	H2S	100 PPM			
3.	Specific Gravity	1.080			
4.	Total Dissolved Solids		119964.3		
5.	Suspended Solids		NR		
6.	Dissolved Oxygen		NR		
7.	Dissolved CO2		NR		
8.	Oil In Water		NR		
9.	Phenolphthalein Alkalinity (CaCO3)				
10.	Methyl Orange Alkalinity (CaCO3)				
11.	Bicarbonate	HCO3	927.0	HCO3	15.2
12.	Chloride	Cl	71994.0	Cl	2030.9
13.	Sulfate	SO4	1400.0	SO4	29.2
14.	Calcium	Ca	1160.0	Ca	57.9
15.	Magnesium	Mg	2127.0	Mg	175.0
16.	Sodium (calculated)	Na	42355.4	Na	1842.3
17.	Iron	Fe	1.0		
18.	Barium	Ba	NR		
19.	Strontium	Sr	NR		
20.	Total Hardness (CaCO3)		11654.0		

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter

58	*Ca <----- *HCO3	15
	/------->	
175	*Mg ------> *SO4	29
	<---------/	
1842	*Na -----> *Cl	2031

Saturation Values Dist. Water 20 C

CaCO3	13 mg/L
CaSO4 * 2H2O	2090 mg/L
BaSO4	2.4 mg/L

Compound	Equiv wt	X meq/L	= mg/L
Ca(HCO3)2	81.0	15.2	1231
CaSO4	68.1	29.2	1984
CaCl2	55.5	13.5	751
Mg(HCO3)2	73.2		
MgSO4	60.2		
MgCl2	47.6	175.0	8330
NaHCO3	84.0		
Na2SO4	71.0		
NaCl	58.4	1842.3	107666

REMARKS:
-------- STEVE TIGERT

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS

PETROLITE

SCALE TENDENCY REPORT

Company	: SDX RESOURCES	Date	: 02/29/96
Address	: ARTESIA, NM	Date Sampled	: 02/29/96
Lease	: CONOCO 7 STATE	Analysis No.	: 0235
Well	: #6	Analyst	: SHAWNA MATTHEWS
Sample Pt.	: WELLHEAD		

STABILITY INDEX CALCULATIONS
(Stiff-Davis Method)
CaCO3 Scaling Tendency

S.I. = -0.3 at 60 deg. F or 16 deg. C
S.I. = -0.2 at 80 deg. F or 27 deg. C
S.I. = -0.2 at 100 deg. F or 38 deg. C
S.I. = -0.1 at 120 deg. F or 49 deg. C
S.I. = -0.1 at 140 deg. F or 60 deg. C

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CALCIUM SULFATE SCALING TENDENCY CALCULATIONS
(Skillman-McDonald-Stiff Method)
Calcium Sulfate

S = 6322 at 60 deg. F or 16 deg C
S = 6720 at 80 deg. F or 27 deg C
S = 6968 at 100 deg. F or 38 deg C
S = 7078 at 120 deg. F or 49 deg C
S = 7156 at 140 deg. F or 60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS

PETROLITE

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88211-7531

WATER ANALYSIS REPORT

Company : SDX RESOURCES
Address : ARTESIA, NM
Lease : CONOCO 7 STATE
Well : #6
Sample Pt. : WELLHEAD

Date : 02/29/96
Date Sampled : 02/29/96
Analysis No. : 0235

	ANALYSIS		mg/L		* meq/L
1.	pH	5.8			
2.	H2S	90 PPM			
3.	Specific Gravity	1.135			
4.	Total Dissolved Solids		203125.4		
5.	Suspended Solids		NR		
6.	Dissolved Oxygen		NR		
7.	Dissolved CO2		NR		
8.	Oil In Water		NR		
9.	Phenolphthalein Alkalinity (CaCO3)				
10.	Methyl Orange Alkalinity (CaCO3)				
11.	Bicarbonate	HCO3	536.0	HCO3	8.8
12.	Chloride	Cl	119280.0	Cl	3364.7
13.	Sulfate	SO4	4500.0	SO4	93.7
14.	Calcium	Ca	2520.0	Ca	125.7
15.	Magnesium	Mg	597.5	Mg	49.2
16.	Sodium (calculated)	Na	75690.7	Na	3292.3
17.	Iron	Fe	1.2		
18.	Barium	Ba	NR		
19.	Strontium	Sr	NR		
20.	Total Hardness (CaCO3)		8753.0		

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter

126	*Ca <----- *HCO3	9
	/------->	
49	*Mg -----> *SO4	94
	<---------/	
3292	*Na -----> *Cl	3365

Saturation Values Dist. Water 20 C
CaCO3 13 mg/L
CaSO4 * 2H2O 2090 mg/L
BaSO4 2.4 mg/L

Compound	Equiv wt	X meq/L	= mg/L
Ca(HCO3)2	81.0	8.8	712
CaSO4	68.1	93.7	6378
CaCl2	55.5	23.3	1290
Mg(HCO3)2	73.2		
MgSO4	60.2		
MgCl2	47.6	49.2	2340
NaHCO3	84.0		
Na2SO4	71.0		
NaCl	58.4	3292.3	192404

REMARKS:
-------- STEVE TIGERT

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS

PETROLITE

SCALE TENDENCY REPORT

Company	: SDX RESOURCES	Date	: 02/29/96
Address	: ARTESIA, NM	Date Sampled	: 02/29/96
Lease	: CONOCO 7 STATE	Analysis No.	: 0236
Well	: #7	Analyst	: SHAWNA MATTHEWS
Sample Pt.	: WELLHEAD		

STABILITY INDEX CALCULATIONS
(Stiff-Davis Method)
CaCO3 Scaling Tendency

S.I. =	0.1	at	60 deg. F or	16 deg. C
S.I. =	0.2	at	80 deg. F or	27 deg. C
S.I. =	0.2	at	100 deg. F or	38 deg. C
S.I. =	0.3	at	120 deg. F or	49 deg. C
S.I. =	0.4	at	140 deg. F or	60 deg. C

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CALCIUM SULFATE SCALING TENDENCY CALCULATIONS
(Skillman-McDonald-Stiff Method)
Calcium Sulfate

S =	5750	at	60 deg. F or	16 deg C
S =	6113	at	80 deg. F or	27 deg C
S =	6340	at	100 deg. F or	38 deg C
S =	6447	at	120 deg. F or	49 deg C
S =	6525	at	140 deg. F or	60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS

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88211-7531

WATER ANALYSIS REPORT

Company	: SDX RESOURCES	Date	: 02/29/96
Address	: ARTESIA, NM	Date Sampled	: 02/29/96
Lease	: CONOCO 7 STATE	Analysis No.	: 0236
Well	: #7		
Sample Pt.	: WELLHEAD		

	ANALYSIS		mg/L		* meq/L
1.	pH	6.2			
2.	H2S	150 PPM			
3.	Specific Gravity	1.080			
4.	Total Dissolved Solids		110356.4		
5.	Suspended Solids		NR		
6.	Dissolved Oxygen		NR		
7.	Dissolved CO2		NR		
8.	Oil In Water		NR		
9.	Phenolphthalein Alkalinity (CaCO3)				
10.	Methyl Orange Alkalinity (CaCO3)				
11.	Bicarbonate	HCO3	951.0	HCO3	15.6
12.	Chloride	Cl	64539.0	Cl	1820.6
13.	Sulfate	SO4	2750.0	SO4	57.3
14.	Calcium	Ca	1880.0	Ca	93.8
15.	Magnesium	Mg	1277.1	Mg	105.1
16.	Sodium (calculated)	Na	38957.4	Na	1694.5
17.	Iron	Fe	1.8		
18.	Barium	Ba	NR		
19.	Strontium	Sr	NR		
20.	Total Hardness (CaCO3)		9953.0		

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter

94	*Ca <----- *HCO3	16
	/------->	
105	*Mg -----> *SO4	57
	<---------/	
1695	*Na -----> *Cl	1821

Saturation Values Dist. Water 20 C

CaCO3	13 mg/L
CaSO4 * 2H2O	2090 mg/L
BaSO4	2.4 mg/L

Compound	Equiv wt	X meq/L	= mg/L
Ca(HCO3)2	81.0	15.6	1263
CaSO4	68.1	57.3	3898
CaCl2	55.5	21.0	1163
Mg(HCO3)2	73.2		
MgSO4	60.2		
MgCl2	47.6	105.1	5002
NaHCO3	84.0		
Na2SO4	71.0		
NaCl	58.4	1694.5	99029

REMARKS:
STEVE TIGERT

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS

PETROLITE

SCALE TENDENCY REPORT

Company	: SDX RESOURCES	Date	: 02/29/96
Address	: ARTESIA, NM	Date Sampled	: 02/29/96
Lease	: CONOCO 7 STATE	Analysis No.	: 0237
Well	: #8	Analyst	: SHAWNA MATTHEWS
Sample Pt.	: WELLHEAD		

STABILITY INDEX CALCULATIONS
(Stiff-Davis Method)
CaCO3 Scaling Tendency

S.I. =	-0.3	at	60 deg. F or	16	deg. C
S.I. =	-0.3	at	80 deg. F or	27	deg. C
S.I. =	-0.3	at	100 deg. F or	38	deg. C
S.I. =	-0.2	at	120 deg. F or	49	deg. C
S.I. =	-0.2	at	140 deg. F or	60	deg. C

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CALCIUM SULFATE SCALING TENDENCY CALCULATIONS
(Skillman-McDonald-Stiff Method)
Calcium Sulfate

S =	6842	at	60 deg. F or	16	deg C
S =	7244	at	80 deg. F or	27	deg C
S =	7493	at	100 deg. F or	38	deg C
S =	7604	at	120 deg. F or	49	deg C
S =	7682	at	140 deg. F or	60	deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS

PETROLITE

TRETOLITE DIVISION

Petrolite Corporation
422 West Main Street
Artesia, NM 88210-2041

(505) 746-3588
Fax (505) 746-3580

Reply to
P.O. Box 1140
Artesia, NM
88211-7531

WATER ANALYSIS REPORT

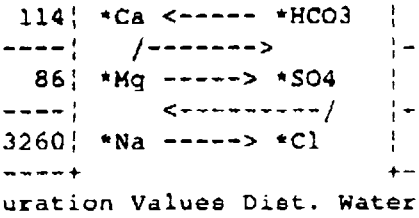
Company : SDX RESOURCES
Address : ARTESIA, NM
Lease : CONOCO 7 STATE
Well : #8
Sample Pt. : WELLHEAD

Date : 02/29/96
Date Sampled : 02/29/96
Analysis No. : 0237

	ANALYSIS		mg/L		* meq/L
1.	pH	5.8			
2.	H2S	40 PPM			
3.	Specific Gravity	1.130			
4.	Total Dissolved Solids		202393.4		
5.	Suspended Solids		NR		
6.	Dissolved Oxygen		NR		
7.	Dissolved CO2		NR		
8.	Oil In Water		NR		
9.	Phenolphthalein Alkalinity (CaCO3)				
10.	Methyl Orange Alkalinity (CaCO3)				
11.	Bicarbonate	HCO3	512.0	HCO3	8.4
12.	Chloride	Cl	118854.0	Cl	3352.7
13.	Sulfate	SO4	4750.0	SO4	98.9
14.	Calcium	Ca	2280.0	Ca	113.8
15.	Magnesium	Mg	1046.9	Mg	86.1
16.	Sodium (calculated)	Na	74950.4	Na	3260.1
17.	Iron	Fe	0.1		
18.	Barium	Ba	NR		
19.	Strontium	Sr	NR		
20.	Total Hardness (CaCO3)		10004.0		

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter



Saturation Values Dist. Water 20 C

CaCO3	13 mg/L
CaSO4 * 2H2O	2090 mg/L
BaSO4	2.4 mg/L

Compound	Equiv wt	X meq/L	= mg/L
Ca(HCO3)2	81.0	8.4	680
CaSO4	68.1	98.9	6732
CaCl2	55.5	6.5	359
Mg(HCO3)2	73.2		
MgSO4	60.2		
MgCl2	47.6	86.1	4100
NaHCO3	84.0		
Na2SO4	71.0		
NaCl	58.4	3260.1	190522

REMARKS:
STEVE TIGERT

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS

PETROLITE

SCALE TENDENCY REPORT

Company	: SDX RESOURCES	Date	: 02/29/96
Address	: ARTESIA, NM	Date Sampled	: 02/29/96
Lease	: CONOCO 7 STATE	Analysis No.	: 0241
Well	: #9	Analyst	: SHAWNA MATTHEWS
Sample Pt.	: WELLHEAD		

STABILITY INDEX CALCULATIONS
(Stiff-Davis Method)
CaCO3 Scaling Tendency

S.I. =	0.2	at	60 deg. F or	16 deg. C
S.I. =	0.3	at	80 deg. F or	27 deg. C
S.I. =	0.3	at	100 deg. F or	38 deg. C
S.I. =	0.4	at	120 deg. F or	49 deg. C
S.I. =	0.4	at	140 deg. F or	60 deg. C

****

CALCIUM SULFATE SCALING TENDENCY CALCULATIONS
(Skillman-McDonald-Stiff Method)
Calcium Sulfate

S =	6089	at	60 deg. F or	16 deg C
S =	6486	at	80 deg. F or	27 deg C
S =	6733	at	100 deg. F or	38 deg C
S =	6845	at	120 deg. F or	49 deg C
S =	6923	at	140 deg. F or	60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
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Reply to
P.O. Box 1140
Artesia, NM
88211-7531

WATER ANALYSIS REPORT

Company	: SDX RESOURCES	Date	: 02/29/96
Address	: ARTESIA, NM	Date Sampled	: 02/29/96
Lease	: CONOCO 7 STATE	Analysis No.	: 0241
Well	: #9		
Sample Pt.	: WELLHEAD		

	ANALYSIS		mg/L		* meq/L
1.	pH	6.2			
2.	H2S	70 PPM			
3.	Specific Gravity	1.125			
4.	Total Dissolved Solids		191071.0		
5.	Suspended Solids		NR		
6.	Dissolved Oxygen		NR		
7.	Dissolved CO2		NR		
8.	Oil In Water		NR		
9.	Phenolphthalein Alkalinity (CaCO3)				
10.	Methyl Orange Alkalinity (CaCO3)				
11.	Bicarbonate	HCO3	658.0	HCO3	10.8
12.	Chloride	Cl	111825.0	Cl	3154.4
13.	Sulfate	SO4	4750.0	SO4	98.9
14.	Calcium	Ca	2800.0	Ca	139.7
15.	Magnesium	Mg	889.4	Mg	73.2
16.	Sodium (calculated)	Na	70148.4	Na	3051.3
17.	Iron	Fe	0.3		
18.	Barium	Ba	NR		
19.	Strontium	Sr	NR		
20.	Total Hardness (CaCO3)		10654.0		

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter

140	*Ca <----- *HCO3	11
	/------->	
73	*Mg -----> *SO4	99
	<---------/	
3051	*Na -----> *Cl	3154

Saturation Values Dist. Water 20 C

CaCO3	13 mg/L
CaSO4 * 2H2O	2090 mg/L
BaSO4	2.4 mg/L

Compound	Equiv wt	X meq/L	= mg/L
Ca(HCO3)2	81.0	10.8	874
CaSO4	68.1	98.9	6732
CaCl2	55.5	30.0	1666
Mg(HCO3)2	73.2		
MgSO4	60.2		
MgCl2	47.6	73.2	3483
NaHCO3	84.0		
Na2SO4	71.0		
NaCl	58.4	3051.3	178315

REMARKS:
-------- STEVE TIGERT

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS

PETROLITE

SCALE TENDENCY REPORT

Company	: SDX RESOURCES	Date	: 02/29/96
Address	: ARTESIA, NM	Date Sampled	: 02/29/96
Lease	: CONOCO 7 STATE	Analysis No.	: 0238
Well	: #11	Analyst	: SHAWNA MATTHEWS
Sample Pt.	: WELLHEAD		

STABILITY INDEX CALCULATIONS
(Stiff-Davis Method)
CaCO3 Scaling Tendency

S.I. =	0.3	at	60 deg. F or	16	deg. C
S.I. =	0.4	at	80 deg. F or	27	deg. C
S.I. =	0.4	at	100 deg. F or	38	deg. C
S.I. =	0.5	at	120 deg. F or	49	deg. C
S.I. =	0.6	at	140 deg. F or	60	deg. C

****

CALCIUM SULFATE SCALING TENDENCY CALCULATIONS
(Skillman-McDonald-Stiff Method)
Calcium Sulfate

S =	5918	at	60 deg. F or	16	deg C
S =	6285	at	80 deg. F or	27	deg C
S =	6515	at	100 deg. F or	38	deg C
S =	6624	at	120 deg. F or	49	deg C
S =	6704	at	140 deg. F or	60	deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS

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Reply to:
P.O. Box 1140
Artesia, NM
88211-753?

WATER ANALYSIS REPORT

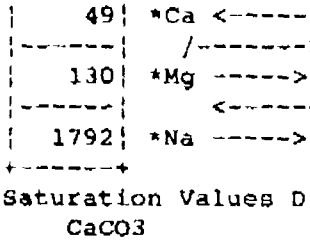
Company : SDX RESOURCES
Address : ARTESIA, NM
Lease : CONOCO 7 STATE
Well : #11
Sample Pt. : WELLHEAD

Date : 02/29/96
Date Sampled : 02/29/96
Analysis No. : 0238

	ANALYSIS		mg/L		* meq/L
1.	pH	6.6			
2.	H2S	100 PPM			
3.	Specific Gravity	1.080			
4.	Total Dissolved Solids		114294.6		
5.	Suspended Solids		NR		
6.	Dissolved Oxygen		NR		
7.	Dissolved CO2		NR		
8.	Oil In Water		NR		
9.	Phenolphthalein Alkalinity (CaCO3)				
10.	Methyl Orange Alkalinity (CaCO3)				
11.	Bicarbonate	HCO3	1134.0	HCO3	18.6
12.	Chloride	Cl	68586.0	Cl	1934.7
13.	Sulfate	SO4	825.0	SO4	17.2
14.	Calcium	Ca	980.0	Ca	48.9
15.	Magnesium	Mg	1580.1	Mg	130.0
16.	Sodium (calculated)	Na	41188.7	Na	1791.6
17.	Iron	Fe	0.8		
18.	Barium	Ba	NR		
19.	Strontium	Sr	NR		
20.	Total Hardness (CaCO3)		8953.0		

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter



Compound	Equiv wt	X meq/L	= mg/L
Ca(HCO3)2	81.0	18.6	1506
CaSO4	68.1	17.2	1169
CaCl2	55.5	13.1	729
Mg(HCO3)2	73.2		
MgSO4	60.2		
MgCl2	47.6	130.0	6188
NaHCO3	84.0		
Na2SO4	71.0		
NaCl	58.4	1791.6	104701

Saturation Values Dist. Water 20 C
CaCO3 13 mg/L
CaSO4 * 2H2O 2090 mg/L
BaSO4 2.4 mg/L

REMARKS:
STEVE TIGERT

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS

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Petrolite Corporation
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Reply to
P.O. Box 1140
Artesia, NM
88211-7531

WATER ANALYSIS REPORT

Company	: SDX RESOURCES	Date	: 02/29/96
Address	: ARTESIA, NM	Date Sampled	: 02/29/96
Lease	: CONOCO 7 STATE	Analysis No.	: 0240
Well	: #12		
Sample Pt.	: WELLHEAD		

	ANALYSIS		mg/L		* meq/L
1.	pH	6.4			
2.	H2S	110 PPM			
3.	Specific Gravity	1.075			
4.	Total Dissolved Solids		125625.0		
5.	Suspended Solids		NR		
6.	Dissolved Oxygen		NR		
7.	Dissolved CO2		NR		
8.	Oil In Water		NR		
9.	Phenolphthalein Alkalinity (CaCO3)				
10.	Methyl Orange Alkalinity (CaCO3)				
11.	Bicarbonate	HCO3	1024.0	HCO3	16.8
12.	Chloride	Cl	73272.0	Cl	2066.9
13.	Sulfate	SO4	2900.0	SO4	60.4
14.	Calcium	Ca	1740.0	Ca	86.8
15.	Magnesium	Mg	681.7	Mg	56.1
16.	Sodium (calculated)	Na	46007.0	Na	2001.2
17.	Iron	Fe	0.3		
18.	Barium	Ba	NR		
19.	Strontium	Sr	NR		
20.	Total Hardness (CaCO3)		7152.0		

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter

87	*Ca <------ *HCO3	17
	/------->	
56	*Mg ------> *SO4	60
	<---------/	
2001	*Na ------> *Cl	2067

Saturation Values Dist. Water 20 C

CaCO3	13 mg/L
CaSO4 * 2H2O	2090 mg/L
BaSO4	2.4 mg/L

Compound	Equiv wt	X meq/L	= mg/L
Ca(HCO3)2	81.0	16.8	1360
CaSO4	68.1	60.4	4110
CaCl2	55.5	9.7	536
Mg(HCO3)2	73.2		
MgSO4	60.2		
MgCl2	47.6	56.1	2670
NaHCO3	84.0		
Na2SO4	71.0		
NaCl	58.4	2001.2	116949

REMARKS:
-------- STEVE TIGERT

PETROLITE

SCALE TENDENCY REPORT

Company	: SDX RESOURCES	Date	: 02/29/96
Address	: ARTESIA, NM	Date Sampled	: 02/29/96
Lease	: CONOCO 7 STATE	Analysis No.	: 0240
Well	: #12	Analyst	: SHAWNA MATTHEWS
Sample Pt.	: WELLHEAD		

STABILITY INDEX CALCULATIONS
(Stiff-Davis Method)
CaCO3 Scaling Tendency

S.I. =	0.3	at	60 deg. F or	16	deg. C
S.I. =	0.4	at	80 deg. F or	27	deg. C
S.I. =	0.5	at	100 deg. F or	38	deg. C
S.I. =	0.5	at	120 deg. F or	49	deg. C
S.I. =	0.6	at	140 deg. F or	60	deg. C

****

CALCIUM SULFATE SCALING TENDENCY CALCULATIONS
(Skillman-McDonald-Stiff Method)
Calcium Sulfate

S =	6176	at	60 deg. F or	16	deg C
S =	6553	at	80 deg. F or	27	deg C
S =	6792	at	100 deg. F or	38	deg C
S =	6906	at	120 deg. F or	49	deg C
S =	6988	at	140 deg. F or	60	deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS

PETROLITE

SCALE TENDENCY REPORT

Company	: SDX RESOURCES	Date	: 02/29/96
Address	: ARTESIA, NM	Date Sampled	: 02/29/96
Lease	: CONOCO 7 STATE	Analysis No.	: 0239
Well	: #13	Analyst	: SHAWNA MATTHEWS
Sample Pt.	: WELLHEAD		

STABILITY INDEX CALCULATIONS
(Stiff-Davis Method)
CaCO3 Scaling Tendency

S.I. =	0.1	at 60 deg. F or	16	deg. C
S.I. =	0.2	at 80 deg. F or	27	deg. C
S.I. =	0.3	at 100 deg. F or	38	deg. C
S.I. =	0.3	at 120 deg. F or	49	deg. C
S.I. =	0.4	at 140 deg. F or	60	deg. C

****

CALCIUM SULFATE SCALING TENDENCY CALCULATIONS
(Skillman-McDonald-Stiff Method)
Calcium Sulfate

S =	6836	at 60 deg. F or	16	deg C
S =	7233	at 80 deg. F or	27	deg C
S =	7483	at 100 deg. F or	38	deg C
S =	7598	at 120 deg. F or	49	deg C
S =	7680	at 140 deg. F or	60	deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS

PETROLITE

Petrolite Corporation
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TRETOLITE DIVISION

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Reply to:
P.O. Box 1140
Artesia, NM
88211-7531

WATER ANALYSIS REPORT

Company : SDX RESOURCES
Address : ARTESIA, NM
Lease : CONOCO 7 STATE
Well : #13
Sample Pt. : WELLHEAD

Date : 02/29/96
Date Sampled : 02/29/96
Analysis No. : 0239

	ANALYSIS		mg/L		* meq/L
1.	pH	6.2			
2.	H2S	100 PPM			
3.	Specific Gravity	1.115			
4.	Total Dissolved Solids		157282.8		
5.	Suspended Solids		NR		
6.	Dissolved Oxygen		NR		
7.	Dissolved CO2		NR		
8.	Oil In Water		NR		
9.	Phenolphthalein Alkalinity (CaCO3)				
10.	Methyl Orange Alkalinity (CaCO3)				
11.	Bicarbonate	HCO3	829.0	HCO3	13.6
12.	Chloride	Cl	91377.0	Cl	2577.6
13.	Sulfate	SO4	4375.0	SO4	91.1
14.	Calcium	Ca	2060.0	Ca	102.8
15.	Magnesium	Mg	742.9	Mg	61.1
16.	Sodium (calculated)	Na	57898.3	Na	2518.4
17.	Iron	Fe	0.6		
18.	Barium	Ba	NR		
19.	Strontium	Sr	NR		
20.	Total Hardness (CaCO3)		8203.0		

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter

103	*Ca <----- *HCO3	14
	/------->	
61	*Mg -----> *SO4	91
	<----------/	
2518	*Na -----> *Cl	2578

Saturation Values Dist. Water 20 C

CaCO3	13 mg/L
CaSO4 * 2H2O	2090 mg/L
BaSO4	2.4 mg/L

Compound	Equiv wt	X meq/L	= mg/L
Ca(HCO3)2	81.0	13.6	1101
CaSO4	68.1	89.2	6071
CaCl2	55.5		
Mg(HCO3)2	73.2		
MgSO4	60.2	1.9	114
MgCl2	47.6	59.2	2819
NaHCO3	84.0		
Na2SO4	71.0		
NaCl	58.4	2518.4	147176

REMARKS:
-------- STEVE TIGERT

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SHAWNA MATTHEWS

HALLIBURTON

RECEIVED
2-15-95

Halliburton Energy Services
Artesia District
Laboratory Report No. W22-95

TO: S D X Resources

P. O. Box 5061

Midland, TX 79704

Date: February 10, 1995

Submitted by Chuck Morgan Date Rec February 10, 1995

Well No _____ Depth _____ Formation _____

Field _____ County _____ Source Fresh Water Tank

Resistivity.....	1.8		
Specific Gravity.	1.0		
pH.....	6.2		
Calcium.....	250		
Magnesium.....	150		
Chlorides.....	2,000 mpl		
Sulfates.....	1,750 mpl		
Bicarbonates.....	200		
Soluble Iron.....	Nil		

Remarks:

David McKenzie
Respectfully submitted

Analyst: David McKenzie -- Technical Advisor

ATTACHMENT "F"