

Form	ACO1 - Well Completion
Operator	RL Investment, LLC
Well Name	ELMER 1
Doc ID	1696458

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	263	common	185	3%cc 2%gel

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0816
LOCATION Hoxie
FOREMAN Tam Williams

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																
12-12-22	33268	Elmer 1	32	8	29	Sheridan																
CUSTOMER RL Investment LLC			<table border="1"> <tr> <th>TRUCK #</th><th>DRIVER</th><th>TRUCK #</th><th>DRIVER</th></tr> <tr> <td>102</td><td>Tom W</td><td></td><td></td></tr> <tr> <td>41301</td><td>Jack T</td><td></td><td></td></tr> <tr> <td></td><td></td><td></td><td></td></tr> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	102	Tom W			41301	Jack T						
TRUCK #	DRIVER	TRUCK #					DRIVER															
102	Tom W																					
41301	Jack T																					
MAILING ADDRESS 2777 US Highway 24																						
CITY Hill City	STATE KS	ZIP CODE 67642																				

JOB TYPE <u>PTA</u>	HOLE SIZE _____	HOLE DEPTH _____	CASING SIZE & WEIGHT _____
CASING DEPTH _____	DRILL PIPE _____	TUBING _____	OTHER _____
SLURRY WEIGHT _____	SLURRY VOL _____	WATER gal/sk _____	CEMENT LEFT in CASING _____
DISPLACEMENT _____	DISPLACEMENT PSI _____	MIX PSI _____	RATE _____

REMARKS: safety meeting & set up on ST17#2 today as ordered

1)	2525'	50 SY
2)	1625'	100 SY
3)	325'	50 SY
	40'	10 SY
	RH	30 SY

Thanks Tom & Jack

[illegible]

AUTHORIZATION	TITLE
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I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's office, and conditions of service on the back of this form are in effect for services identified on this form.

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TICKET NUMBER 0807
LOCATION Haric
FOREMAN Jack T.

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-9-22	33248	Elmer #1	32	8	29	SD

CUSTOMER			TRUCK #				DRIVER			
RL Investment LLC			102		CM					
MAILING ADDRESS			201		JT					
2777 US HWY 24										
CITY		STATE	ZIP CODE							
Hill City,		KS	67642							

JOB TYPE <u>Surface</u>	HOLE SIZE _____	HOLE DEPTH _____	CASING SIZE & WEIGHT _____
CASING DEPTH <u>256'</u>	DRILL PIPE _____	TUBING _____	OTHER _____
SLURRY WEIGHT <u>14.8</u>	SLURRY VOL _____	WATER gal/sk _____	CEMENT LEFT in CASING _____
DISPLACEMENT _____	DISPLACEMENT PSI _____	MIX PSI _____	RATE _____

REMARKS: Safety meeting. Circulated mud. Pumped 185 sac. Circulated w/ 15.45 BBL.
Circulated cement. Shut in at 1050 PM.

Thank You.

[illegible]

AUTHORIZATION *[Signature]* TITLE

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Company: R. L. Investment, LLC

Lease: Elmer #1

Operation:

Test Complete

SEC: 32 TWN: 8S RNG: 29W
County: SHERIDAN
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2854 EGL
Field Name: Koster
Pool: Infield
Job Number: 628
API #: 15-179-21492

DATE

December

15

2022

DST #1

Formation: LKC.
A,B,D

Test Interval: 3957 -
4027'

Total Depth: 4027'

Time On: 12:10 12/15

Time Off: 21:52 12/15

Time On Bottom: 15:06 12/15

Time Off Bottom: 18:06 12/15

Electronic Volume
Estimate:
436'

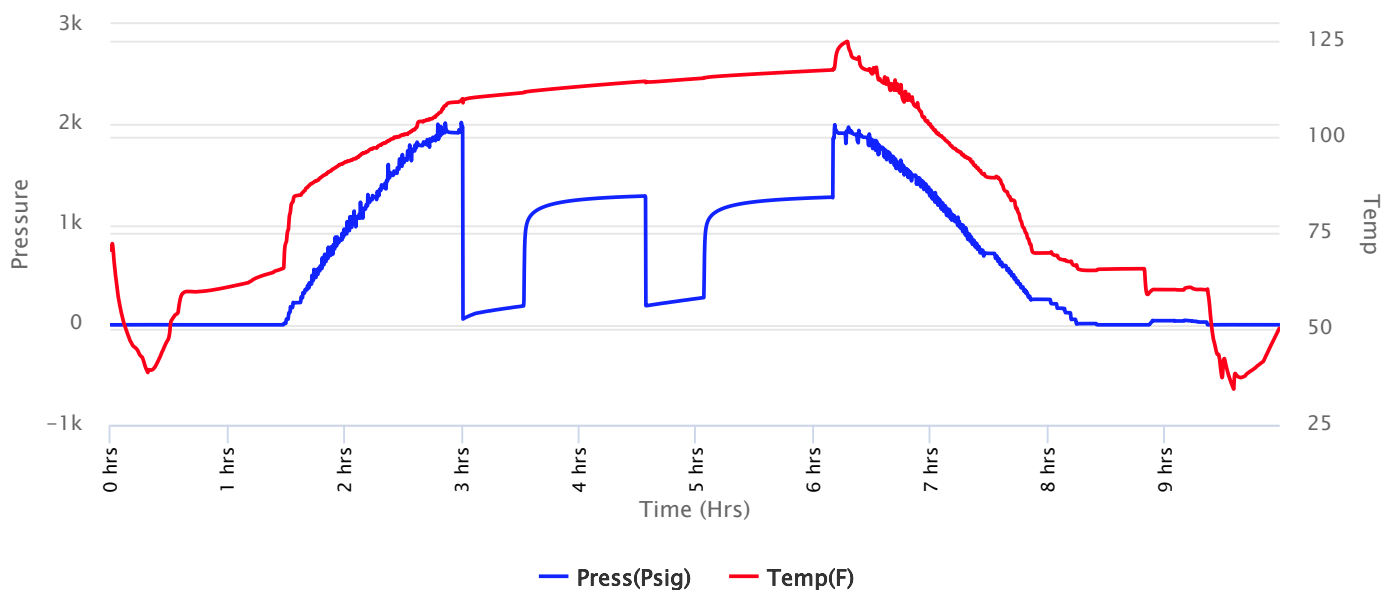
1st Open
Minutes: 30
Current Reading:
21.8" at 30 min
Max Reading: 21.8"

1st Close
Minutes: 60
Current Reading:
0" at 60 min
Max Reading: 0"

2nd Open
Minutes: 30
Current Reading:
12.8" at 30 min
Max Reading: 12.8"

2nd Close
Minutes: 60
Current Reading:
0" at 60 min
Max Reading: 0"

Inside Recorder





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LLC**
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Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
682	9.70486	G	100	0	0	0
279	2.8503632	SLGCSLMCW	5	0	80	15

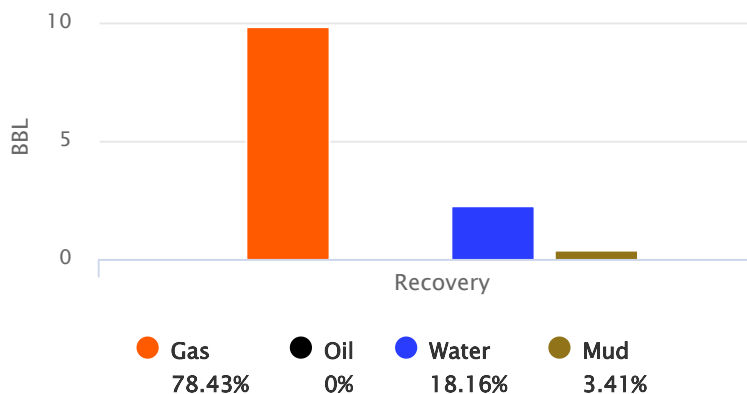
Total Recovered: 961 ft

Total Barrels Recovered: 12.5552232

Reversed Out
NO

Initial Hydrostatic Pressure	1935	PSI
Initial Flow	87 to 181	PSI
Initial Closed in Pressure	1283	PSI
Final Flow Pressure	190 to 270	PSI
Final Closed in Pressure	1271	PSI
Final Hydrostatic Pressure	1923	PSI
Temperature	118	°F
Pressure Change Initial	0.9	%
Close / Final Close		

Recovery at a glance



GIP cubic foot volume: 55.2881



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BUCKET MEASUREMENT:

1st Open: Wsb built to Bob in 14 min

1st Close: No blow back

2nd Open: Wsb built to Bob in 25 min

2nd Close: No blow back

REMARKS:

Tool Sample: 10% Gas 0% Oil 85% Water 5% Mud

Measured RW: 3.05 @ 22 degrees °F

RW at Formation Temp: 0.703 @ 118 °F

Chlorides: 5000 ppm



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Down Hole Makeup

Heads Up: 18.1 FT

Packer 1: 3952 FT

Drill Pipe: 3822.25 FT

Packer 2: 3957 FT

ID-3 1/2

Top Recorder: 3941.42 FT

Weight Pipe: FT

Bottom Recorder: 4025 FT

ID-2 7/8

Collars: 120.28 FT

Well Bore Size: 7 7/8

ID-2 1/4

Surface Choke: 1"

Test Tool: 33.57 FT

Bottom Choke: 5/8"

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 70

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 4 FT

4 1/2-FH

Change Over: .5 FT

Drill Pipe: (in anchor): 61 FT

ID-3 1/2

Change Over: .5 FT

Perforations: (below): 3 FT

4 1/2-FH



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Mud Properties

Mud Type: Chem

Weight: 8.9

Viscosity: 60

Filtrate: 8 0

Chlorides: 1200 ppm



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Time	Orifice	PSI	MCF/D
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Time	Orifice	PSI	MCF/D
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APL # 15-179-21492-00-00		SW-NE-MW-SF	
GEOLOGICAL REPORT			
DRILLING TIME AND SAMPLE LOG			
COMPANY R.L. Investment, LLC		ELEVATION	
LEASE Elmer #1		KB 2861'	
FIELD Koster		DF 2859'	
LOCATION 2302 FSL + 1816 F.E.L		GL 2854'	
SEC 32 TWP 8 S RGE 29 W		Depths Measured From Log KB, Drilling KB.	
COUNTY Sheridan STATE KANSAS		CASING	
CONTRACTOR STP Drilling, LLC, Rig # 2		Surface 8 5/8" @ 263'	
SPUD 12-9-22 COMP 12-17-22		Production NONE	
SAMPLES SAVED FROM 3680' TO R.T.D		ELECTRIC LOGS	
FORMATION TOPS AND STRUCTURAL POSITION			
FORMATION	SAMPLE	ELOG	DATUM
Anhydrite	2487	2483	+ 328
Base Anhydrite	2521	2518	+ 343
Tapoka	3719	3713	- 852
Heebner	3928	3922	- 1061
Toronto	3949	3943	- 1082
Lansing	3964	3958	- 1097
Base Kansas City	4206	4200	- 1339
Total Depth	4250	4244	- 1385
REFERENCE WELLS			
A R.L. Investment, LLC, Koster #1 #2, 2005 F.A.L. 1816 F.E.L. Sec. 32-8-S-23W			
B R.L. Investment, LLC, Koster #1 #2, 2005 F.A.L. 1816 F.E.L. Sec. 32-8-S-23W			
C R.L. Investment, LLC, Koster #1 #2, 2005 F.A.L. 1816 F.E.L. Sec. 32-8-S-23W			

REMARKS

This well ran 5 feet lower on the Lansing top than the reference wells. After reviewing all pertinent information it was decided no further testing was warranted and the well was plugged and abandoned.

Richard B. Ball
12-17-22

LEGEND

