

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Elite Cementing & Acidizing of KS, LLC
 810 E 7th, PO Box 92
 Eureka, KS 67045



Date	Invoice #
3/14/2019	4347

Bill To	
D&J Investments PO Box 107 El Dorado, KS 67042	
Customer ID#	1242

Job Date	3/13/2019
Lease Information	
Seglem #4	
County	Butler
Foreman	DG

Item	Description	Qty	Terms	Net 15
			Rate	Amount
C102	Cement Pump-Longstring	1	1,100.00	1,100.00
C107	Pump Truck Mileage (one way)	15	4.20	63.00
C201	Thick Set Cement	110	20.50	2,255.00T
C207	KolSeal	550	0.47	258.50T
C208	Pheno Seal	110	1.30	143.00T
C752	5 1/2" Type A Packer Shoe (7 3/4 x 8)	1	1,470.00	1,470.00T
C504	5 1/2" Centralizer	6	50.00	300.00T
C404	5 1/2" Top Rubber Plug	1	74.00	74.00T
C108A	Ton Mileage (min. charge)	1	365.00	365.00
C113	80 Bbl Vac Truck	4	90.00	360.00
C224	City Water	3,300	0.01	33.00T

We appreciate your business!

Phone #	Fax #	E-mail
620-583-5561	620-583-5524	rene@elitecementing.com

Send payment to:
 Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045

Subtotal	\$6,421.50
Sales Tax (6.5%)	\$294.68
Total	\$6,716.18
Payments/Credits	\$0.00
Balance Due	\$6,716.18

Elite Cementing & Acidizing of KS, LLC
 810 E 7th, PO Box 92
 Eureka, KS 67045



Date	Invoice #
3/11/2019	4344

Bill To	
D&J Investments PO Box 107 El Dorado, KS 67042	
Customer ID#	1242

Job Date	3/8/2019
Lease Information	
Seglem #4	
County	Butler
Foreman	DG

Item	Description	Qty	Terms	Net 15
			Rate	Amount
C101	Cement Pump-Surface	1	890.00	890.00
C107	Pump Truck Mileage (one way)	15	4.20	63.00
C200	Class A Cement-94# sack	125	15.75	1,968.75T
C205	Calcium Chloride	350	0.63	220.50T
C206	Gel Bentonite	235	0.21	49.35T
C108A	Ton Mileage (min. charge)	1	365.00	365.00

We appreciate your business!

Phone #	Fax #	E-mail
620-583-5561	620-583-5524	rene@elitecementing.com

Send payment to:
 Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045

Subtotal	\$3,556.60
Sales Tax (6.5%)	\$145.51
Total	\$3,702.11
Payments/Credits	\$0.00
Balance Due	\$3,702.11

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report
 Ticket No. **4344**
 Foreman David Gardner
 Camp Eureka

API# 15-015-24119

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
3-8-19	1242	Seglem #4	16	27 S.	6 E.	Butler	KS
Customer			Safety Meeting	Unit #	Driver	Unit #	Driver
D+J Investments			DG	105	Jason H.		
Mailing Address			JH	113	Caleb G.		
P.O. Box 107			CG				
City	State	Zip Code					
El Dorado	KS	67042					

Job Type Surface Hole Depth 222' KB. Slurry Vol. 30 Bbl Tubing _____
 Casing Depth 201' G.L. Hole Size 12 1/4" Slurry Wt. 15 # Drill Pipe _____
 Casing Size & Wt. 8 5/8" 23# Cement Left in Casing 15' +/- Water Gal/SK 6.5 Other _____
 Displacement 12.8 Bbl Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: Safety Meeting. Rig up to 8 5/8 casing. Break circulation w/ 10 Pbl fresh water. Mixed 125 sks Class "A" cement w/ 3% Cacl2, 2% Gel @ 15 #/gal. = 30 Bbl Slurry. Displace w/ 12.8 Bbl fresh water. Shut casing in. Good cement returns to surface = 7 Pbl Slurry to pit. Job complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	890.00	890.00
C107	15	Mileage	4.20	63.00
C200	125 sks	Class 'A' Cement	15.75	1968.75
C205	350 #	Cacl2 @ 3%	.63	220.50
C206	235 #	Gel @ 2%	.21	49.35
C108A	5.88 Tons	Ton Mileage	m/c	365.00
			Sub Total	3556.60
			Sales Tax	145.51

Thank You

Authorization Witnessed by Charlie Title Lighthouse Dcty. Total 3702.11



DRILL STEM TEST REPORT

Prepared For: **D & J Investments**

PO Box 107
El Dorado, KS 67042

ATTN: John Brickley

Seglem #4

16-27S-6E Butler,KS

Start Date: 2019.03.11 @ 14:08:00

End Date: 2019.03.11 @ 23:05:19

Job Ticket #: 63934 DST #: 1

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.03.13 @ 13:35:37

D & J Investments

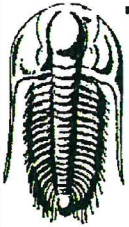
16-27S-6E Butler,KS

Seglem #4

DST # 1

Mississippian

2019.03.11



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

D & J Investments

16-27S-6E Butler, KS

PO Box 107
El Dorado, KS 67042

Seglem #4

Job Ticket: 63934

DST#: 1

ATTN: John Brickley

Test Start: 2019.03.11 @ 14:08:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:23:00

Time Test Ended: 23:05:19

Test Type: Conventional Bottom Hole (Initial)

Tester: Jimmy Ricketts

Unit No: 80

Interval: **2750.00 ft (KB) To 2804.00 ft (KB) (TVD)**

Reference Elevations: 1393.00 ft (KB)

Total Depth: 2804.00 ft (KB) (TVD)

1381.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 8369

Outside

Press@RunDepth: 191.22 psig @ 2751.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.03.11

End Date: 2019.03.11

Last Calib.: 2019.03.11

Start Time: 14:08:01

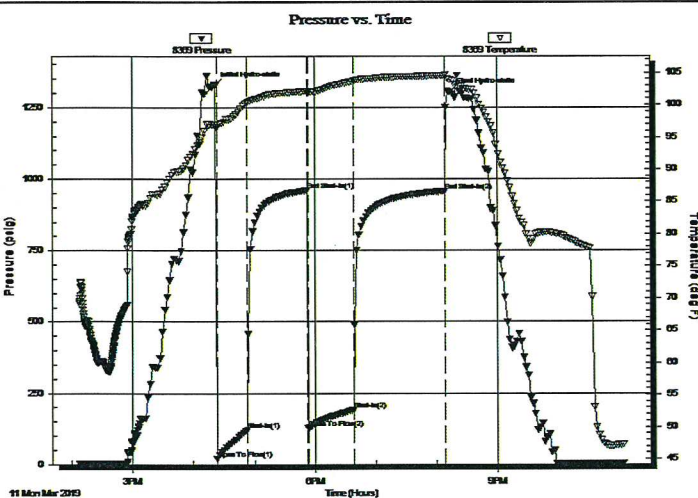
End Time: 23:05:19

Time On Btm: 2019.03.11 @ 16:21:50

Time Off Btm: 2019.03.11 @ 20:14:09

TEST COMMENT: IF - Weak blow building to strong blow 27 minutes into initial flow period. Continuing to build to 13"

FF - Weak blow building to strong blow 38 minutes into initial flow n period. Continuing to build to 13"



PRESSURE SUMMARY

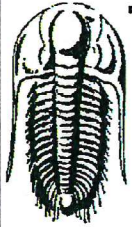
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1327.43	96.88	Initial Hydro-static
2	20.38	96.41	Open To Flow (1)
31	120.61	100.29	Shut-In(1)
91	959.36	102.11	End Shut-In(1)
92	126.56	101.81	Open To Flow (2)
137	191.22	103.68	Shut-In(2)
228	957.16	104.52	End Shut-In(2)
233	1304.16	103.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
490.00	MCW 78% W & 22% M	2.44
75.00	VSOCWM 1% O 37% W & 62% M	1.05

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

D & J Investments
 PO Box 107
 El Dorado, KS 67042
 ATTN: John Brickley

16-27S-6E Butler, KS
Seglem #4
 Job Ticket: 63934 **DST#: 1**
 Test Start: 2019.03.11 @ 14:08:00

Tool Information

Drill Pipe:	Length: 2262.00 ft	Diameter: 3.80 inches	Volume: 31.73 bbl	Tool Weight: 2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 21000.00 lb
Drill Collar:	Length: 487.00 ft	Diameter: 2.25 inches	Volume: 2.39 bbl	Weight to Pull Loose: 59000.00 lb
			<u>Total Volume: 34.12 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	2750.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	82.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			2723.00	
Shut In Tool	5.00			2728.00	
Hydraulic tool	5.00			2733.00	
Jars	5.00			2738.00	
Safety Joint	3.00			2741.00	
Packer	5.00			2746.00	28.00 Bottom Of Top Packer
Packer	4.00			2750.00	
Stubb	1.00			2751.00	
Recorder	0.00	8369	Outside	2751.00	
Recorder	0.00	8846	Inside	2751.00	
Perforations	15.00			2766.00	
Change Over Sub	1.00			2767.00	
Blank Spacing	31.00			2798.00	
Change Over Sub	1.00			2799.00	
Bullnose	5.00			2804.00	54.00 Bottom Packers & Anchor

Total Tool Length: 82.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

D & J Investments

16-27S-6E Butler,KS

PO Box 107
El Dorado, KS 67042

Seglem #4

Job Ticket: 63934

DST#: 1

ATTN: John Brickley

Test Start: 2019.03.11 @ 14:08:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

48000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
490.00	MCW 78% W & 22% M	2.437
75.00	VSOCWM 1% O 37% W & 62% M	1.052

Total Length: 565.00 ft

Total Volume: 3.489 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

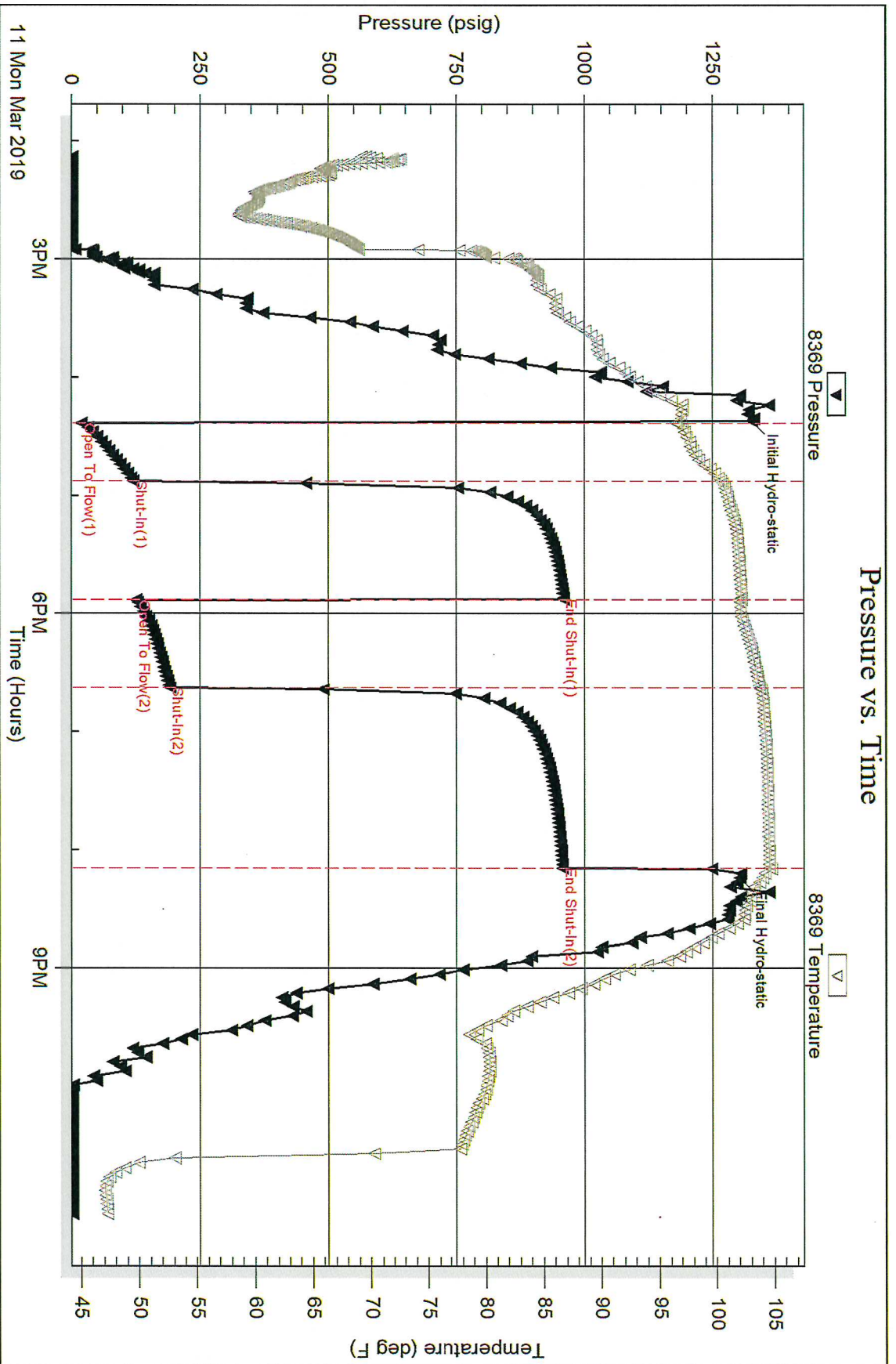
Recovery Comments:

Serial #: 8369

Outside D & J Investments

Seglem#4

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 63934

Printed: 2019.03.13 @ 13:35:38

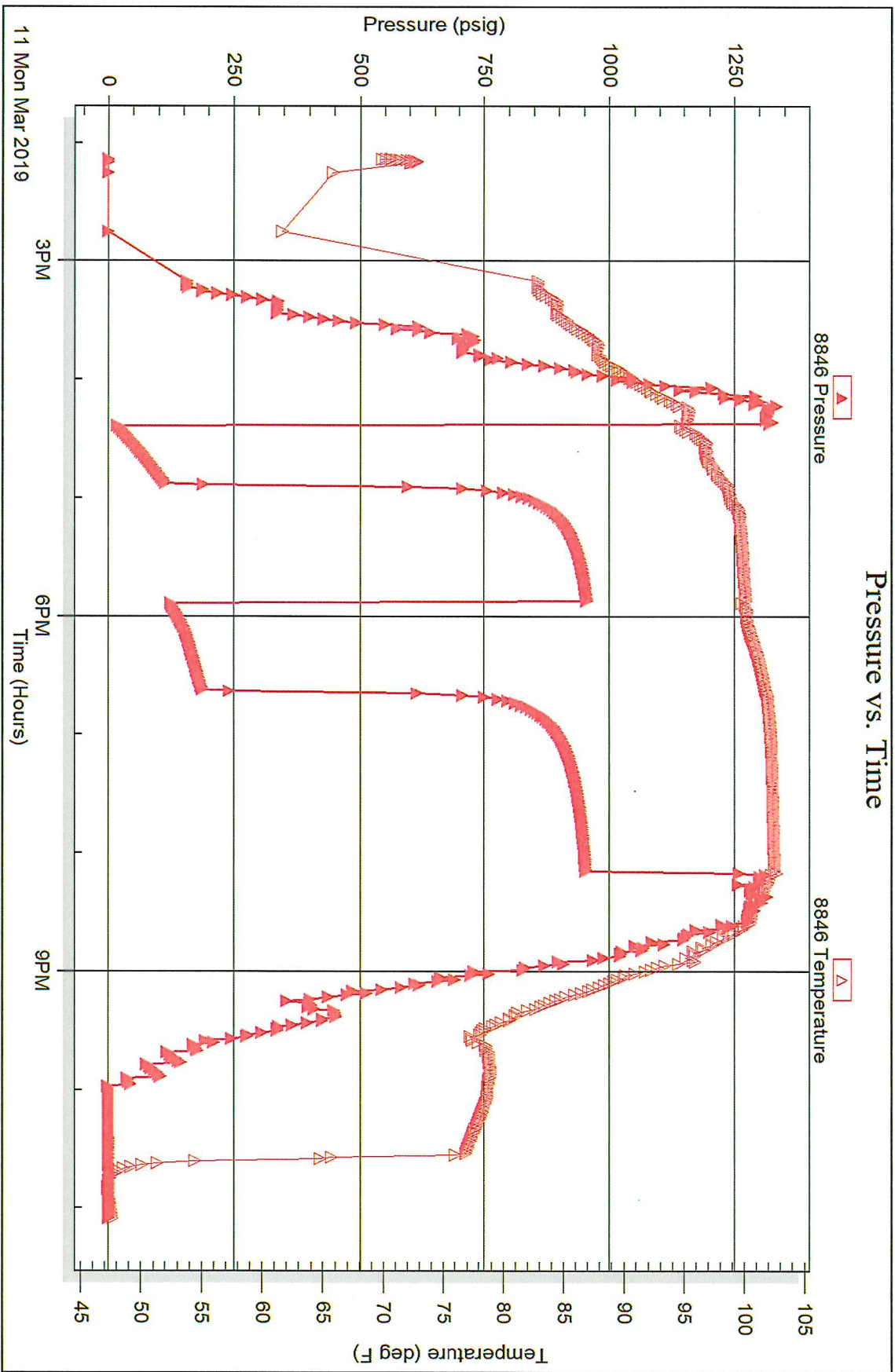
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Inside

D & J Investments

Seglem#4

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 63934

Printed: 2019.03.13 @ 13:35:38



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63934

Well Name & No. Seglem #4 Test No. 1 Date 3-11-19
 Company D+S Investments Elevation 1393 KB 1381 GL
 Address 107 SE Bluestem Rd. P.O. Box 107 El Dorado, KS 67042
 Co. Rep / Geo. John Brickley 316-322-7478 Rig Lighthouse #1
 Location: Sec. 16 Twp 27 S Rge. 6 E Co. Butler State KS

Interval Tested 2750-2804 Zone Tested Mississippian
 Anchor Length 54' Drill Pipe Run 2262 Mud Wt. 8.9
 Top Packer Depth 2745 Drill Collars Run 487 Vis 48
 Bottom Packer Depth 2750 Wt. Pipe Run 0 WL _____
 Total Depth 2804 Chlorides _____ ppm System LCM _____

Blow Description IF-weak blow building to strong blow 27 mins. into IFP
Building to 13 inches IFP
FF-weak blow building to strong blow 38 mins. into FFP, continuing to
Build to 13 inches.

Rec	Feet of	%gas	%oil	%water	%mud
<u>490</u>	<u>Mud cut water</u>		<u>78</u>	<u>22</u>	
<u>75</u>	<u>oil spotted HWCM</u>		<u>37</u>	<u>62</u>	
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Rec Total 565 BHT 105 Gravity _____ API RW 0.181 @ 60.0° F Chlorides 48,000 ppm

(A) Initial Hydrostatic	<u>1327</u>	<input checked="" type="checkbox"/> Test	<u>\$1050</u>	<u>1200</u>	T-On Location	<u>1200</u>
(B) First Initial Flow	<u>20</u>	<input checked="" type="checkbox"/> Jars	<u>\$250</u>	<u>250</u>	T-Started	<u>1408</u>
(C) First Final Flow	<u>121</u>	<input checked="" type="checkbox"/> Safety Joint	<u>\$75</u>	<u>75</u>	T-Open	<u>1623</u>
(D) Initial Shut-In	<u>959</u>	<input type="checkbox"/> Circ Sub	_____	_____	T-Pulled	<u>2010</u>
(E) Second Initial Flow	<u>127</u>	<input type="checkbox"/> Hourly Standby	_____	_____	T-Out	<u>2315</u>
(F) Second Final Flow	<u>191</u>	<input checked="" type="checkbox"/> Mileage	<u>\$230</u>	<u>RT230</u>	Comments	_____
(G) Final Shut-In	<u>957</u>	<input type="checkbox"/> Sampler	_____	_____	_____	_____
(H) Final Hydrostatic	<u>1304</u>	<input type="checkbox"/> Straddle	_____	_____	<input type="checkbox"/> Ruined Shale Packer	_____

Initial Open 30
 Initial Shut-In 60
 Final Flow 45
 Final Shut-In 92

Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Sub Total 1755

MP/DST Disc't _____

Approved By [Signature] Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

William G. Hart,
Petroleum Geologist

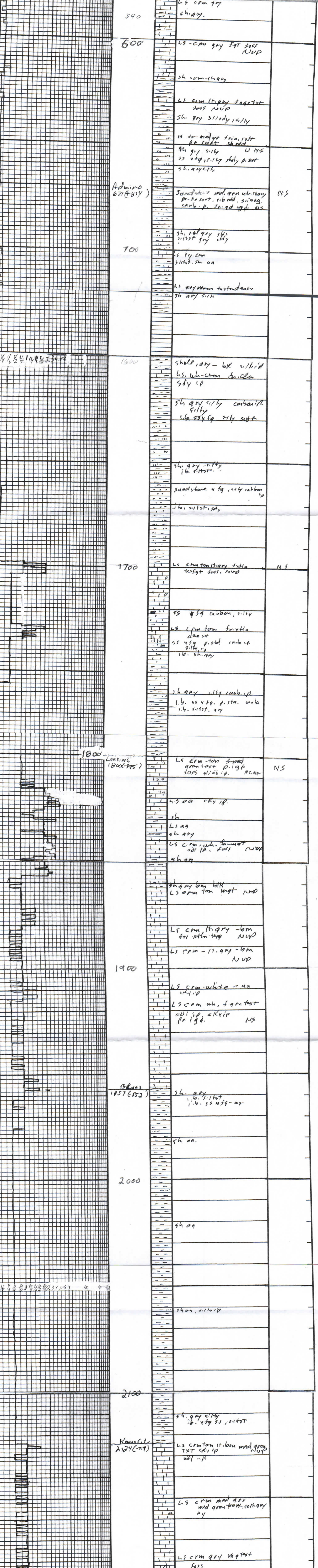
COMPANY D & I Investments
LEASE Seaglem #4
FIELD Reynolds - Schafer
LOCATION Elva New New Arcu
SEC 16 TWP 27 S RGE 6 E
COUNTY Butler STATE Kansas
CONTRACTOR Lighthouse Drilling
SPUD 2-7-19 COMP 2-13-19
RTD 3-13 LTD No log
MUD UP 100' TYPE MUD Chemical
SAMPLES SAVED FROM 580-780' TO 1600'

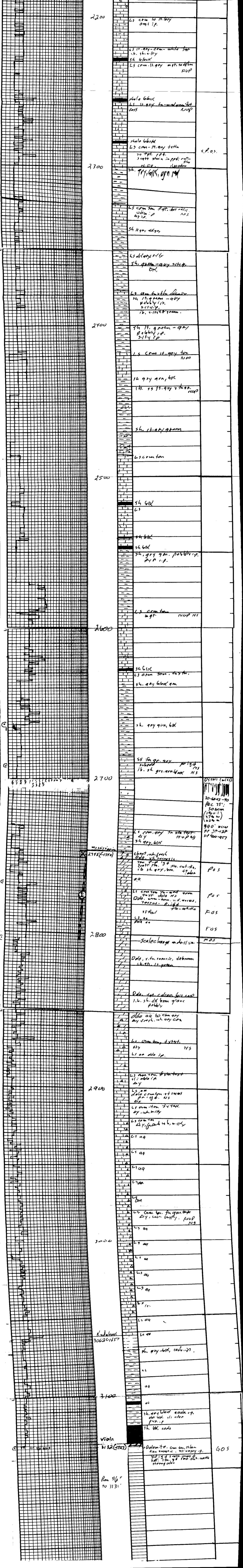
ELEVATIONS
KB 1405'
DF _____
GL 1393'
Measurements Are All From K13

CASING
SURFACE 2 3/4"
PRODUCTION 2 3/8"
ELECTRICAL SURVEYS
None

DRILLING TIME KEPT FROM 58-220' TO 1600'
SAMPLES EXAMINED FROM 580-780' TO 1600'
GEOLOGICAL SUPERVISION FROM 580' TO _____
GEOLOGIST ON WELL William G. Hart

FORMATION TOPS	LOG	SAMPLES
<u>Admire</u>		<u>67 (+834)</u>
<u>Lansing</u>		<u>1800 (-395)</u>
<u>5/Lansing</u>		<u>1857 (-552)</u>
<u>Kansas City</u>		<u>2247 (-719)</u>
<u>Windsor</u>		<u>2745 (-1102)</u>
<u>Kansas City</u>		<u>3008 (-1647)</u>
<u>Windsor</u>		<u>3133 (-1727)</u>
<u>Windsor</u>		
<u>AD</u>		<u>3133 (-1727)</u>





810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report
 Ticket No. **4347**
 Foreman David Gardner
 Camp Eureka

API # 15-015-24119

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
3-13-19	1242	Seglem #4	16	27 S.	6 E.	Butler	KS	
Customer D & S Investments			Safety Meeting DG AM CG ZA		Unit #	Driver	Unit #	Driver
Mailing Address P.O. Box 107					104	Alan M.		
City El Dorado					113	Caleb G.		
State KS					145	Zevi A.		
Zip Code 67042								

Job Type Longstring Hole Depth 3133' K.B. Slurry Vol. 27 Bbl Tubing _____
 Casing Depth 3131' K.B. Hole Size 7 7/8" Slurry Wt. 13.8" Drill Pipe _____
 Casing Size & Wt. 5 1/2" 15.5" Cement Left in Casing 0 Water Gal/SK 9 Other _____
 Displacement 75 3/4 Bbl Displacement PSI 500 Bump Plug to 1000 BPM 5

Remarks: Safety Meeting. Packer Shoe @ 3131' = 2 ft off Bottom. (Tag w/ Rig 4 Pickup 2 ft.)
Rig circulated for 45 min. Rig up to 5 1/2" casing. Drop ball & set Packer Shoe @
1200 PSI. Pump 20 Bbl fresh water ahead. Mixed 80 sks Thick Set Cement w/
5" Kolseal, 1" Phenoseal/sk @ 13.8#/gal, yield 1.85 = 27 Bbl Slurry. Wash out Pump & lines.
Shut down. Released 5 1/2" Top Rubber Plug. Displace plug to seat w/ 75 3/4 Bbl fresh water.
Final Pumping Pressure of 500 PSI. Bump Plug to 1000 PSI. Released pressure. Float & Plug
held. Good circulation @ all times while cementing. Job complete. Rig down.

Note: 80 sks = 600 ft of fill up @ 30% Excess.
Plug Rathole & Mousehole w/ 15 sks Each.
Centralizers on # 1, 3, 5, 7, 9, + 19

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C102	1	Pump Charge	1100.00	1100.00
C107	15	Mileage	4.20	63.00
C201	110 sks	Thick Set Cement	20.50	2255.00
C207	550#	KolSeal @ 5#/sk	.47	258.50
C208	110	Phenoseal @ 1#/sk	1.30	143.00
C752	1	5 1/2" Type 'A' Packer Shoe	1470.00	1470.00
C504	6	5 1/2" x 7 7/8" Centralizer	50.00	300.00
C404	1	5 1/2" Top Rubber Plug	74.00	74.00
C108A	6.05 Tons	Ton Mileage - Bulk Truck	M/C	365.00
C113	4 HRS	80 Bbl Vac Truck	90.00 / HR	360.00
C224	3300 Gals.	City Water	10.00 / 1000 Gal	33.00
<u>Thank You</u>			Sub Total	6421.50
			6.5% Sales Tax	294.68

Authorization Charlie Coulter Title Lighthouse Drlg. Total 67116.18

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.