

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
--	---

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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Form	ACO1 - Well Completion
Operator	Brickley, John dba B8 Investments
Well Name	SEGLEM 3
Doc ID	1459986

Tops

Name	Top	Datum
Lansing	1818	-418
B / Lansing	1966	-566
Kansas City	2123	-723
Pawnee	2484	-1084
Cherokee	2541	-1141
Miss Uncon.	2749	-1349
Warsaw	2796	-1396
Osage	2860	-1460
Kinderhook	3062	-1662
Viola	3135	-1735



COMPANY D + J Investments  
 LEASE Sealeen #3  
 FIELD Reynolds-Schoffer  
 LOCATION SW NE NW  
 SEC 16 TWSP 27S RGE 6E  
 COUNTY Butler STATE KS

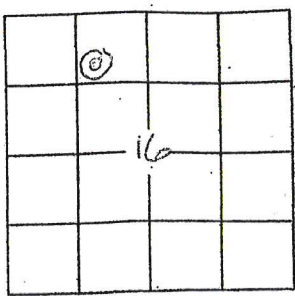
ELEVATIONS  
 KB 1400'  
 DF \_\_\_\_\_  
 GL 1388'  
 Measurements Are All  
 From KB

CONTRACTOR Light house  
 SPUD 1-17-19 COMP 2-3-2019  
 RTD 3137 LTD N.A.  
 MUD UP 1600' TYPE MUD Chemical

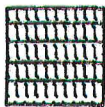
CASING  
 SURFACE 209'  
 PRODUCTION 3165  
 ELECTRICAL SURVEYS  
None

SAMPLES SAVED FROM 1500' TO TD  
 DRILLING TIME KEPT FROM 1500' TO TD  
 SAMPLES EXAMINED FROM 1500' TO TD  
 GEOLOGICAL SUPERVISION FROM 1500' TO TD  
 GEOLOGIST ON WELL William G. HART

FORMATION TOPS	LOG	SAMPLES
LANSING		1618 (-418)
B/ Lansing		1966 (-566)
Kansas C. 14		2123 (-723)
Paunde		2724 (-1084)
Cherokee		2541 (-1141)
Miss Uncont.		2749 (-1349)
Warsaw		2796 (-1396)
Orange		2860 (-1460)
Kindenhook		3062 (-1662)
Vida		3135 (-1735)

A 65  
  
 15-05-24112

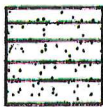
# LEGEND



Anhydrite



Salt



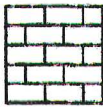
Sandstone



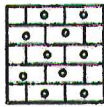
Shale



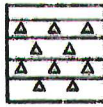
Carb sh



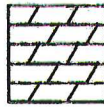
Limestone



Ool. Lime



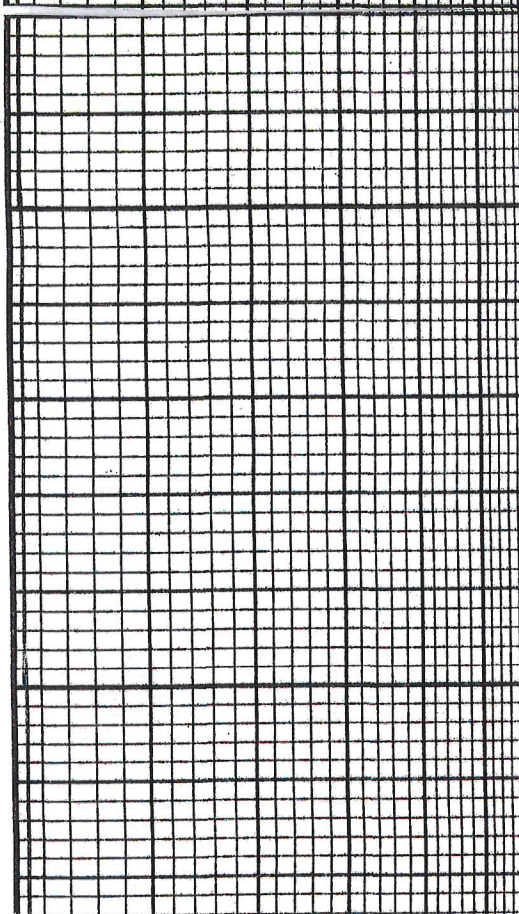
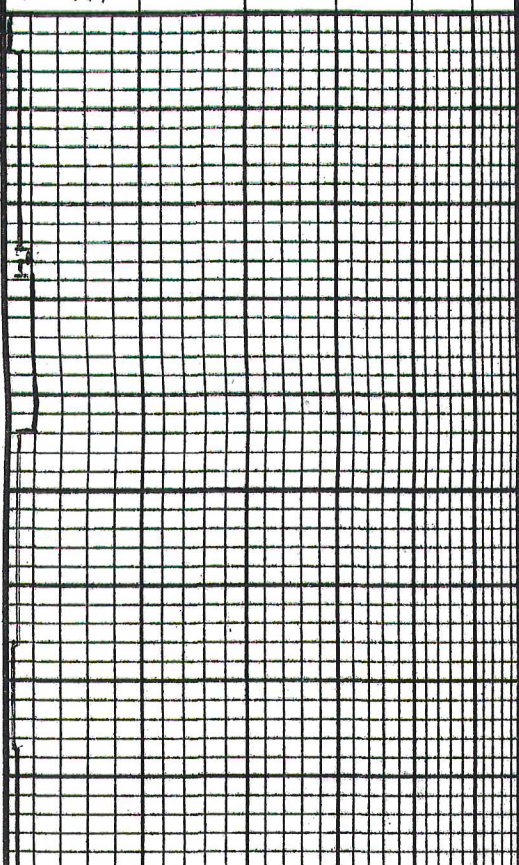
Chert



Dolomite

LOG 7710

DRILLING TIME IN MINUTES  
PER FOOT  
Rate of Penetration Decreases



DEPTH

LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

1500'

sh gray, silty

1-30-19  
Geol. con lo  
20' sand

1550

ls crm, gray dy

sh gray, silty

ss lt. gray vt-fine  
sli glauc sli carb

sh

1600

late med.  
siltst) shaly l-fm. ss  
gray

1650

- muddy

Change Time

LS con - w. sh. fragments  
foss. clay

Limestone Highy in xlla  
dense, NUP

shale

LS con - dk brown  
fr - med gr. NUP

LS f. grey fr. v. ind. NUP

LS med-dk grey

LS med-dk grey

LS wh. con. 11.9 gr  
sh. grey

LS wh - dk grey + ft. foss  
clay. v. ind. NUP

SS grey fine con. x.

LS med-dk brown LS green  
foss

sh. grey  
silt. sh.  
soft shale

int. bedded

1900

1850

1815 (ms)  
Lenses

1800

1750

1700

3N

LS qb, foss

5N

LS con. tom. foss. -  
foss.

4S

LS con. tom. - (foss.)  
foss. with - (foss.)  
sh. gray

2N

LS tom. - (foss.)  
foss. with - (foss.)  
sh. gray

12000  
4.7

2100

interbed. siltst. gray  
sh. gray  
sh. gray

siltst. gray  
sh. gray  
sh. gray

siltst. gray  
sh. gray  
sh. gray

shale, silt. sandy

LS con. tom. - (foss.)  
foss. with - (foss.)  
sh. gray

sh. gray silt. silty

LS con. tom. - (foss.)  
foss. with - (foss.)  
sh. gray

sh. gray, silty to blk

12000  
5.7

1950

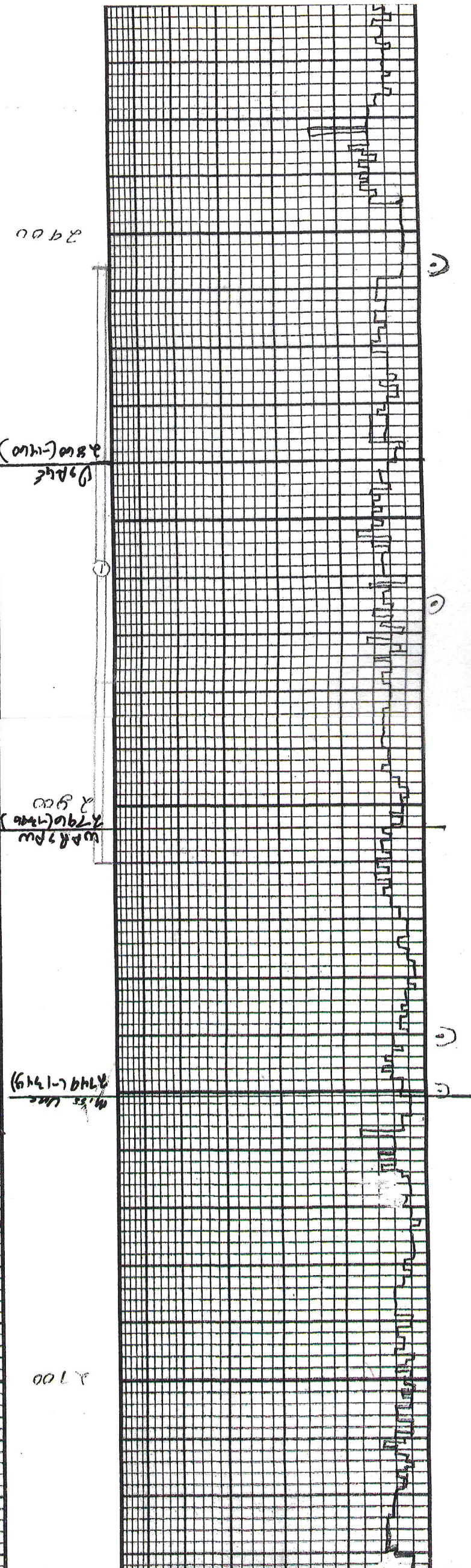


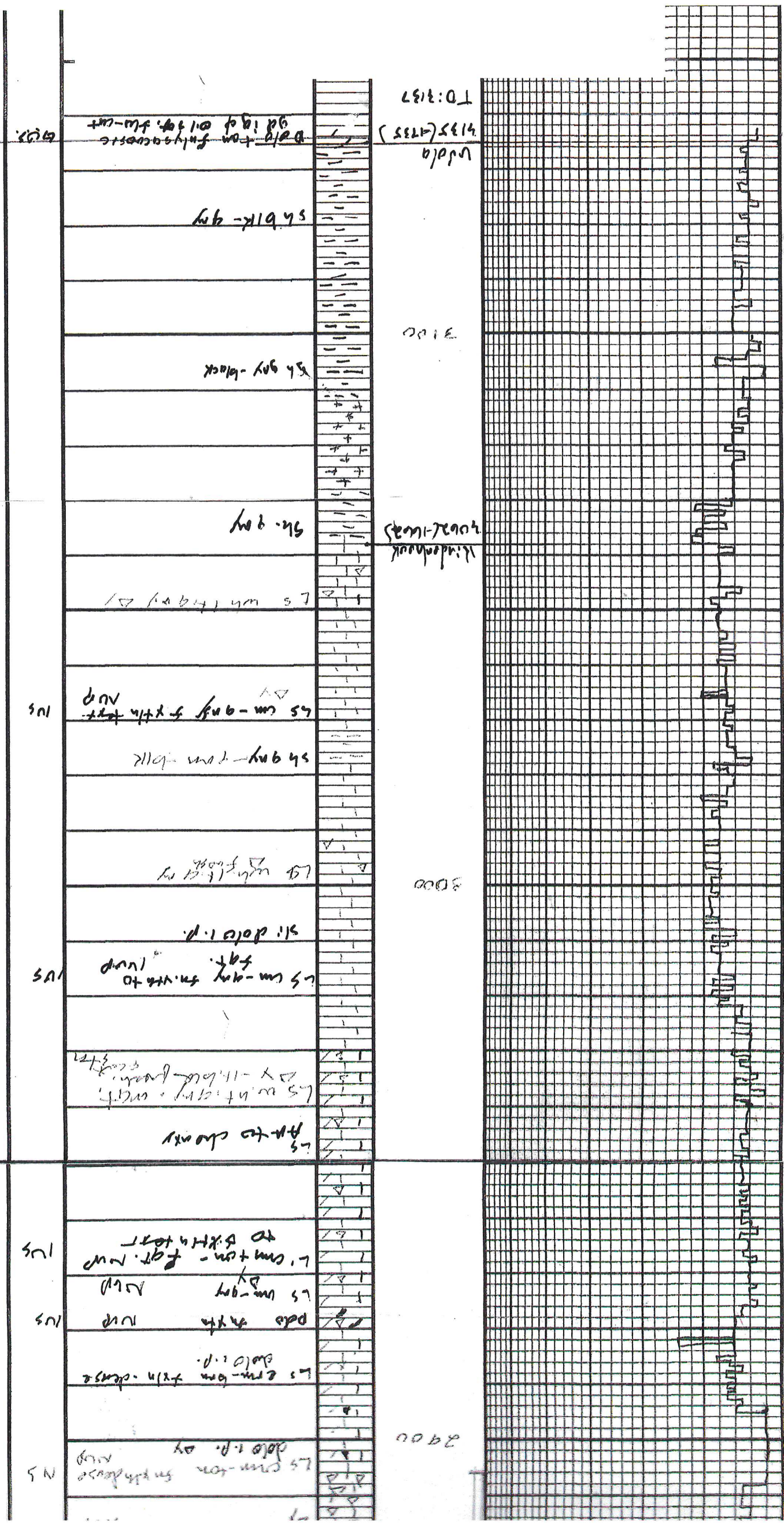




LS tom (frown frown txt)	5.1 ft 5.9 ft. grey to 5.5 y. 5.9.	LS tom - brown - (t. grey)	sh. grey	LS con. ash. Dy mgs to wedge of text clearly p. red. sm. - cut V 5.5 ft	del. west tom frown NUP	Del. tom the siccative, vegary and 1.9 ft. ad. 5.5 ft. ad.	Del. in. ed. brown frown NUP	Del. dk. brown grey frown x. thin, arg. 1.8.	Clay. wh. grey, frown 1.5. add. on x. thin scattered frown over 5.5 ft	LS con. brown in x. thin NUP	LS con. tom frown dense NUP	LS con. tom - frown to 5.5 ft. NUP
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DST #1  
2790-28  
Fac 155  
mud 1.5  
EP 2.1-47  
SID 916-90





6000

Bed of fine-grained  
dolomite

sh. blk - gray

sh. gray - black

sh. gray

ls with thin sh.

ls

ls with thin sh. & chert

sh. gray - brown - black

ls with thin sh.

ls

ls with thin sh. & chert

sh. dol. i.p.

ls with thin sh. & chert  
thin sh. & chert

sh. to chert

ls

ls with thin sh. & chert

ls

ls with thin sh.

ls with thin sh. & chert

ls

ls with thin sh. & chert

3137 TO  
4135 (1735)  
Udala

3100

3000  
Udala

3000

3000

100  
200  
300

100

Remarks:

Based on the cuttings description, drill time, and Viola production in the area, the decision was made to run 5 1/2" production casing for an attempted open-hole completion in the Viola.

After the Viola has produced and is deemed depleted, the Warsaw dolomite should be further tested before the well is plugged and abandoned. The zone from 2794' to 2805' is an oil-bearing, porous, sucrosic dolomite and should produce, upon proper stimulation. The DST across the zone recovered only oil-specked mud, but the Shut-In pressures of 916-903# suggests the zone bears commercial oil reserves.

Respectfully,

William G. Hart,

Wellsite Geologist

*William G. Hart*

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



Date	Invoice #
2/5/2019	4381

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

Job Date	2/3/2019
Lease Information	
Seglem #3	
County	Butler
Foreman	RM

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
C761	5 1/2" Type B Basket Shoe	1	1,355.00	1,355.00T
C504	5 1/2" Centralizer	6	50.00	300.00T
C792	5 1/2" Weld on Collar	1	70.00	70.00T
C404	5 1/2" Top Rubber Plug	1	74.00	74.00T
C113	80 Bbl Vac Truck	4	90.00	360.00
C224	City Water	3,000	0.01	30.00T

*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

<b>Subtotal</b>	\$6,008.50
<b>Sales Tax (6.5%)</b>	\$291.56
<b>Total</b>	\$6,300.06
Payments/Credits	\$0.00
<b>Balance Due</b>	\$6,300.06

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



**Cement or Acid Field Report**

Ticket No. **4381**  
 Foreman Russell McLOY  
 Camp Eureka

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
2-3-19	1242	Seglem # 3	16	27S	6E	Butler	KS
Customer			Unit #	Driver	Unit #	Driver	
D+J Investments			105	JASON			
Mailing Address			113	KEVIN			
P.O. Box 107			145	Zevi			
City							
Eldorado							
State		Zip Code					
KS		67045					

Job Type Longstring Hole Depth 3136 1/2 Slurry Vol. 27 Bbl Tubing \_\_\_\_\_  
 Casing Depth 3134 1/2 Hole Size 7 7/8 Slurry Wt. 13.8 Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. 5 1/2 15 1/2 Cement Left in Casing 0 Water Gal/SK 8 Other \_\_\_\_\_  
 Displacement 76 Bbl Displacement PSI 600 Bump Plug to 1200 BPM 5

Remarks: Safety meeting + Job Procedure, Packer shoe @ 3134 1/2 = 2 FT OFF  
Bottom. (Tag w/ Rig + Pickle 2 FT) Circulate for 45 min w/ Rig mud pump.  
Rig up cement head drop ball set packer shoe w/ 1,100# pump 20 Bbl fresh  
water sensor mix + pump 80 SK's thick + cement w/ 5# Kolsal 1# Phosanal  
@ 13.8# = 27 Bbl slurry w/ yield 1.85 wash out pump + lines, release 5 1/2  
TOP Rubber plug Displace w/ 76 Bbl fresh water to seat @ 1200# check float  
float held. Good circulation @ all times during cementing procedure.  
NOTE 80 SK's = 600 FT fill up @ 30% excess  
Plug Rat Hole + Mouse Hole w/ 15 SK's each

THANK YOU  
 Russ + crew

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C-102	1	Pump Charge	1100.00	1100.00
C-107	15	Mileage	4.20	63.00
C-201	110	SK's Thick set cement	20.50	2,255.00
C-207	550#	Kolsal = 5# PPSK	.47	258.50
C-208	110#	Phosanal = 1# PPSK	1.30	143.00
C-761	1	5 1/2 TYPE B Basket shoe	1355.00	1355.00
C-504	6	5 1/2 x 7 7/8 centralizers	50.00	300.00
C-792	1	5 1/2 weld on collar	70.00	70.00
C-404	1	5 1/2 TOP Rubber Plug	74.00	74.00
C-113	4	hr 80 Bbl VAC TRUCK	90.00	360.00
C-224	3,000	gallons city water	10 PPSK	30.00
			Sub TOTAL	6008.50
			6.5%	Sales Tax
				291.56

Authorization by \_\_\_\_\_ Title owner Total 6300.06

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.

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



Date	Invoice #
2/14/2019	4366

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

Job Date	2/13/2019
Lease Information	
Seglem #3	
County	Butler
Foreman	RM

Item	Description	Qty	Terms	Net 15
			Rate	Amount
A101	Acid Pump Charge (1500 Gal)	1	840.00	840.00
A107	Pump Truck Mileage	15	4.20	63.00
A203	10% HCL Acid	100	1.10	110.00
A213	Acid Inhibitor	1	42.00	42.00

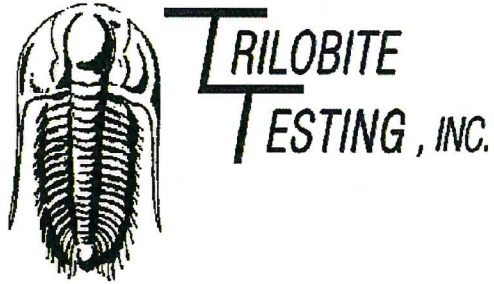
*We appreciate your business!*

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

<b>Subtotal</b>	\$1,055.00
<b>Sales Tax (6.5%)</b>	\$0.00
<b>Total</b>	\$1,055.00
Payments/Credits	\$0.00
<b>Balance Due</b>	\$1,055.00





## DRILL STEM TEST REPORT

Prepared For: **D & J Investments**

PO Box 107  
El Dorado, KS 67042

ATTN: John Brickley

### **Seglem #3**

#### **16-27S-6E Butler, KS**

Start Date: 2019.02.02 @ 01:08:00

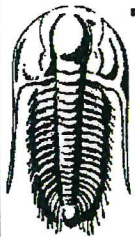
End Date: 2019.02.02 @ 11:45:49

Job Ticket #: 63931                      DST #: 1

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

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

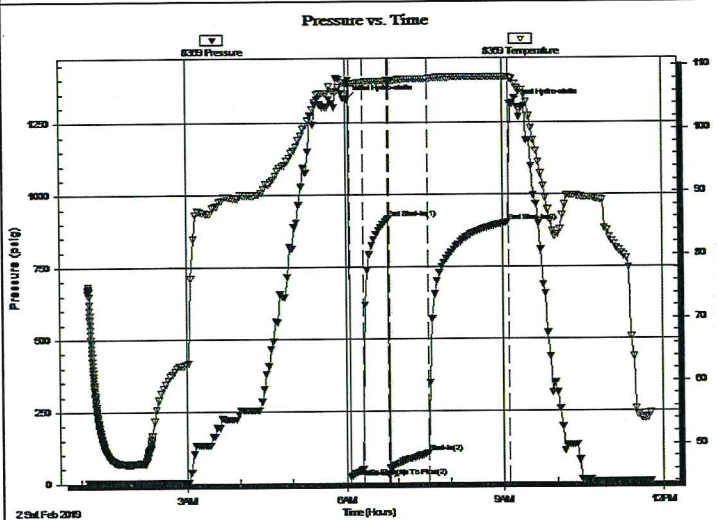
**16-27S-6E Butler, KS**  
**Seglem #3**  
 Job Ticket: 63931      **DST#: 1**  
 Test Start: 2019.02.02 @ 01:08:00

## GENERAL INFORMATION:

Formation: **Warsaw**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 06:05:20  
 Tester: Jimmy Ricketts  
 Time Test Ended: 11:45:49  
 Unit No: 80  
 Interval: **2790.00 ft (KB) To 2894.00 ft (KB) (TVD)**  
 Reference Elevations: 1400.00 ft (KB)  
 Total Depth: 2894.00 ft (KB) (TVD)  
 1388.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 KB to GR/CF: 12.00 ft

**Serial #: 8369**      **Outside**  
 Press@RunDepth: 102.80 psig @ 2791.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2019.02.02      End Date: 2019.02.02      Last Calib.: 2019.02.02  
 Start Time: 01:08:01      End Time: 11:45:49      Time On Btm: 2019.02.02 @ 06:02:20  
 Time Off Btm: 2019.02.02 @ 09:09:30

TEST COMMENT: IF - Weak blow building to 5"  
 FF - Weak blow building to 6"



## PRESSURE SUMMARY

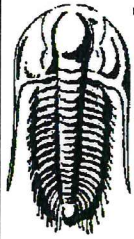
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1330.80	107.17	Initial Hydro-static
3	20.72	107.02	Open To Flow (1)
18	46.51	107.26	Shut-In(1)
49	916.50	107.59	End Shut-In(1)
49	50.38	107.20	Open To Flow (2)
93	102.80	107.82	Shut-In(2)
184	902.80	108.17	End Shut-In(2)
188	1314.78	107.88	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
155.00	Drilling mud with trace of oil 100% M	0.76

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

D & J Investments

16-27S-6E Butler, KS

PO Box 107  
El Dorado, KS 67042

**Seglem #3**

ATTN: John Brickley

Job Ticket: 63931

**DST#: 1**

Test Start: 2019.02.02 @ 01:08:00

## GENERAL INFORMATION:

Formation: **Warsaw**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:05:20

Time Test Ended: 11:45:49

Test Type: Conventional Bottom Hole (Initial)

Tester: Jimmy Ricketts

Unit No: 80

**Interval: 2790.00 ft (KB) To 2894.00 ft (KB) (TVD)**

Total Depth: 2894.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1400.00 ft (KB)

1388.00 ft (CF)

KB to GR/CF: 12.00 ft

**Serial #: 8846** Inside

Press@RunDepth: psig @ 2791.00 ft (KB)

Start Date: 2019.02.02 End Date: 2019.02.02

Start Time: 01:08:01 End Time: 11:46:00

Capacity: 8000.00 psig

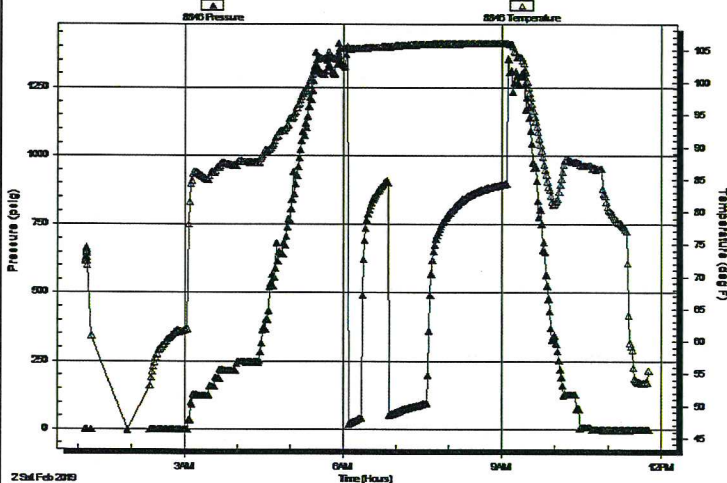
Last Calib.: 1899.12.30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF - Weak blow building to 5"  
FF - Weak blow building to 6"

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
155.00	Drilling mud with trace of oil 100% M	0.76

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

D & J Investments

**16-27S-6E Butler, KS**

PO Box 107  
El Dorado, KS 67042

**Seglem #3**

Job Ticket: 63931

**DST#: 1**

ATTN: John Brickley

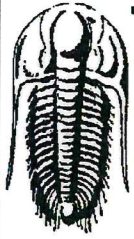
Test Start: 2019.02.02 @ 01:08:00

## Tool Information

Drill Pipe:	Length: 2537.00 ft	Diameter: 3.80 inches	Volume: 35.59 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 245.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 36.79 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	2790.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	104.00 ft			
Tool Length:	132.00 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			2763.00	
Shut In Tool	5.00			2768.00	
Hydraulic tool	5.00			2773.00	
Jars	5.00			2778.00	
Safety Joint	3.00			2781.00	
Packer	5.00			2786.00	28.00 Bottom Of Top Packer
Packer	4.00			2790.00	
Stubb	1.00			2791.00	
Recorder	0.00	8369	Outside	2791.00	
Recorder	0.00	8846	Inside	2791.00	
Perforations	5.00			2796.00	
Change Over Sub	0.50			2796.50	
Blank Spacing	94.00			2890.50	
Change Over Sub	0.50			2891.00	
Perforations	1.00			2892.00	
Bullnose	2.00			2894.00	104.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>132.00</b>				



**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 #3**

Job Ticket: 63931

**DST#: 1**

ATTN: John Brickley

Test Start: 2019.02.02 @ 01:08:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
155.00	Drilling mud with trace of oil 100% M	0.762

Total Length: 155.00 ft

Total Volume: 0.762 bbl

Num Fluid Samples: 0

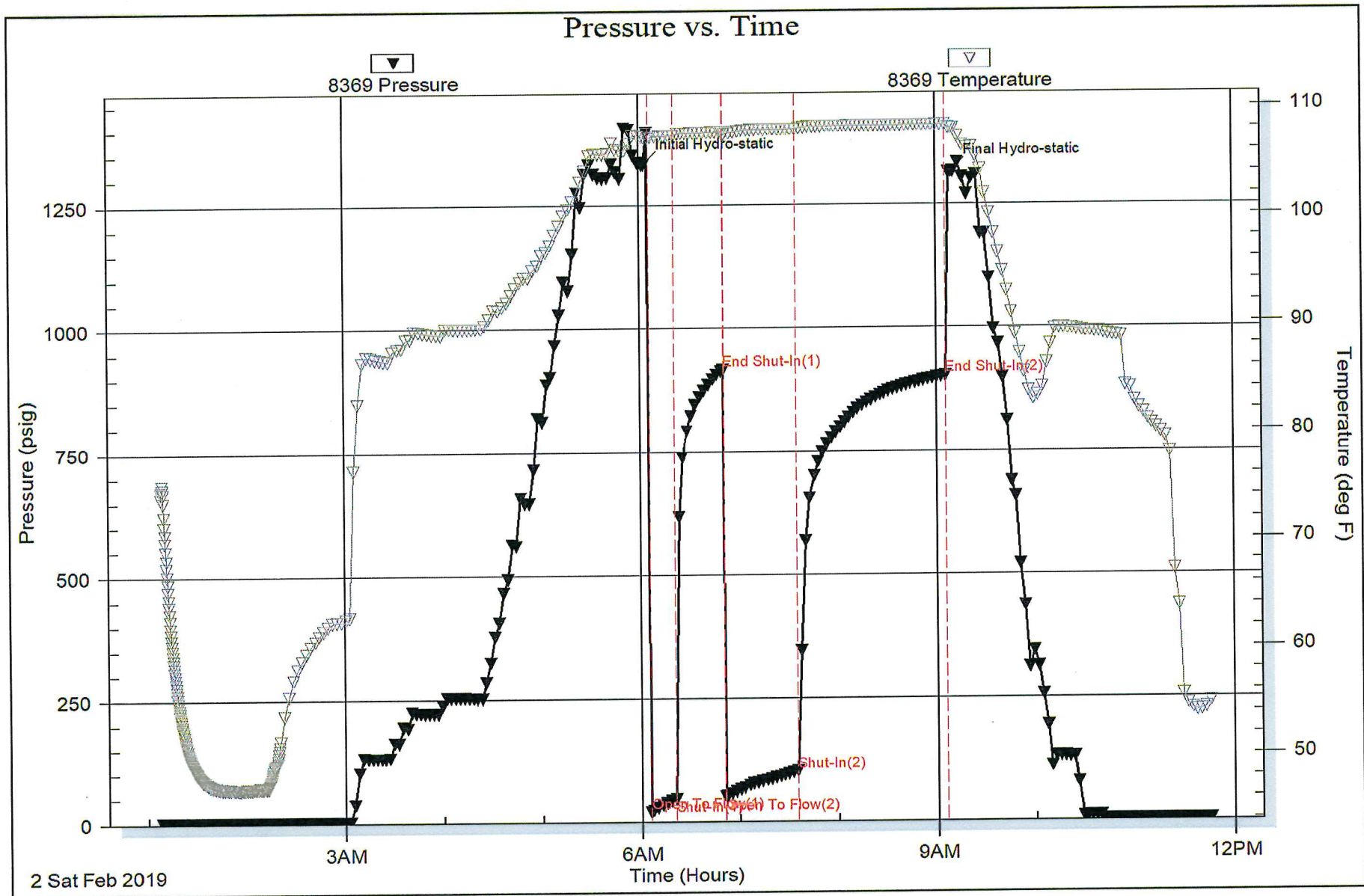
Num Gas Bombs: 0

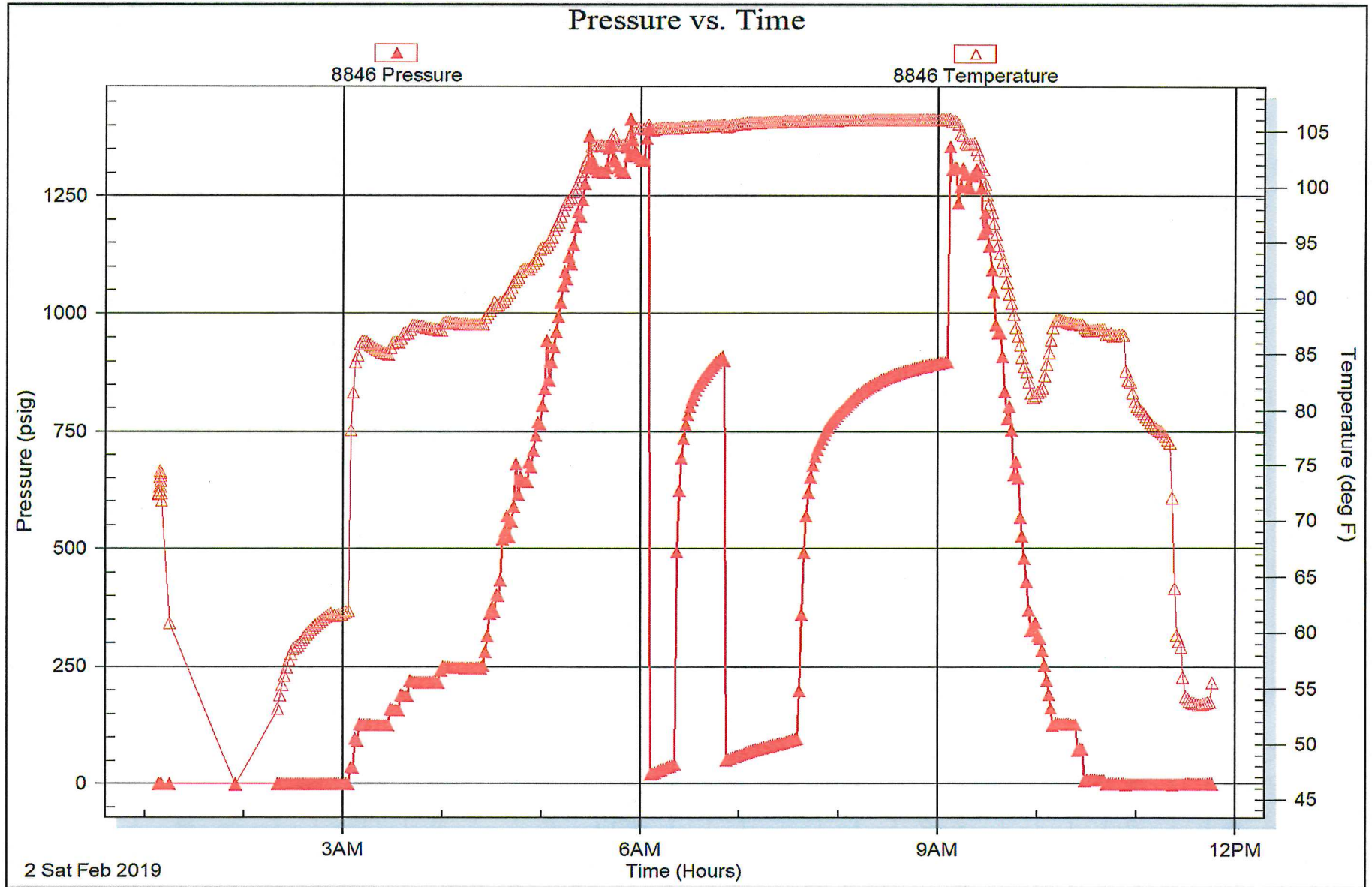
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 63931

Well Name & No. ~~D & J Investments~~ Seglan #3 Test No. 1 Date 2-2-19  
 Company D & J Investments Elevation 1400 KB 1388 GL  
 Address 107 SE Bluestem Road P.O. Box 107 El Dorado, KS 67042  
 Co. Rep / Geo. John Brickley Rig Lighthouse #1  
 Location: Sec. 16 Twp 27 S Rge. 6 E Co. Butler State KS

Interval Tested 2790-2894 Zone Tested Warsaw  
 Anchor Length 104 Drill Pipe Run 2537 Mud Wt. 9.5  
 Top Packer Depth 2785 Drill Collars Run 245 Vis 47  
 Bottom Packer Depth 2790 Wt. Pipe Run 0 WL \_\_\_\_\_  
 Total Depth 2894 Chlorides \_\_\_\_\_ ppm System LCM \_\_\_\_\_  
 Blow Description FF - weak blow building to 5 inches FFP  
FF - weak blow building to 6 inches FFP

Rec	Feet of	%gas	%oil	%water	%mud
155	Drilling mud with trace oil	TR		100	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 155 BHT 108 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic	<u>1331</u>	<input checked="" type="checkbox"/> Test	<u>41050</u>	T-On Location	<u>0000</u>
(B) First Initial Flow	<u>21</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>0108</u>
(C) First Final Flow	<u>47</u>	<input checked="" type="checkbox"/> Safety Joint	<u>675</u>	T-Open	<u>0605</u>
(D) Initial Shut-In	<u>916</u>	<input type="checkbox"/> Circ Sub		T-Pulled	<u>0905</u>
(E) Second Initial Flow	<u>50</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>1145</u>
(F) Second Final Flow	<u>103</u>	<input checked="" type="checkbox"/> Mileage	<u>230 RT Pratt</u>	Comments	
(G) Final Shut-In	<u>903</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1315</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	
Initial Open	<u>15</u>	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Packer	
Initial Shut-In	<u>30</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Final Flow	<u>45</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>0</u>
Final Shut-In	<u>70</u>	<input type="checkbox"/> Day Standby		Total	<u>1605</u>
		<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>1605</u>		

Handwritten initials or marks at the bottom right.



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



Date	Invoice #
1/14/2019	4326

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

Job Date	1/12/2019
Lease Information	
Seglem #3	
County	Butler
Foreman	KM

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

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

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



**Cement or Acid Field Report**

Ticket No. **4326**  
 Foreman Kevin McCoy  
 Camp EUREKA

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
1-12-19	1242	Seglem #3	16	27S	6E	BUTLER	Ks	
Customer <u>D &amp; J Investments</u>			Safety Meeting <u>KM AM ZA</u>		Unit #	Driver	Unit #	Driver
Mailing Address <u>P.O. BOX 107</u>					<u>104</u>	<u>ALAN M.</u>		
City <u>Eldorado</u>			State <u>Ks</u>		<u>110</u>	<u>Zevi A.</u>		
Zip Code <u>67042</u>								

Job Type SURFACE Hole Depth 233' KB Slurry Vol. 30 BBL Tubing \_\_\_\_\_  
 Casing Depth 209.76' G.L. Hole Size 12 1/4" Slurry Wt. 15.2\* Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. 8 5/8 23" Cement Left in Casing 15' Water Gal/SK 6.5 Other \_\_\_\_\_  
 Displacement 13.2 BBL Displacement PSI \_\_\_\_\_ Bump Plug to \_\_\_\_\_ BPM \_\_\_\_\_

Remarks: Safety Meeting: Rig up to 8 5/8 casing. BREAK CIRCULATION w/ 10 BBL FRESH WATER. MIXED 125 SKS CLASS 'A' CEMENT w/ 3% CaCl2, 2% GeL @ 15\*/GAL = 30 BBL SLURRY. Displace w/ 13.2 BBL Fresh water. Shut casing in. Good Cement Returns to SURFACE = 4 BBL SLURRY to Pit. Job Complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 101	1	Pump Charge	890.00	890.00
C 107	15	Mileage	4.20	63.00
C 200	125 SKS	CLASS 'A' Cement	15.75	1968.75
C 205	350 #	CaCl2 3%	.63 #	220.50
C 206	235 #	GeL 2%	.21 #	49.35
C 108A	5.88 TONS	TON Mileage	M/C	365.00
<u>THANK YOU</u>			<u>Sub TOTAL</u>	<u>3556.60</u>
			<u>6.5% Sales Tax</u>	<u>145.51</u>
Authorization <u>Witnessed By Charlie</u> Title <u>Lighthouse Drilg.</u>			Total	<u>3702.11</u>

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.