

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) (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	Culbreath Oil & Gas Company, Inc.
Well Name	KRANNAWITTER 1-27
Doc ID	1355775

All Electric Logs Run

ACRT
MICRO
Dual Spaced Neutron
Resistivity
CBL
Sonic



PRESSURE PUMPING LLC
PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

10782
10682

TICKET NUMBER 55187
LOCATION Oakley, KS
FOREMAN Walt Dunkel

FIELD TICKET & TREATMENT REPORT
CEMENT

Invoice # 813283

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-25-18	2777	Krona witter #1-27	27	14 ^s	34 ^u	Logan
CUSTOMER			Mailing Address			
Culbertson			20 South to Indiana Rel. West to Rd 320 1/2 S. 1/4 W			
MAILING ADDRESS		TRUCK #				
3501 South Yale Ave.		753				
CITY		DRIVER				
Tulsa		Travis Williams				
STATE	ZIP CODE	TRUCK #				
OK	74135	566				
		DRIVER				
		Paul Williams				

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH _____ CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4 1/2 x H TUBING _____ OTHER _____
 SLURRY WEIGHT 13.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM
 REMARKS: Safety Meeting, rig up on Southwind #1, Plug as ordered

50 sks @ 24.15'
 100 sks @ 13.13'
 50 sks @ 3.15'
 10 sks @ 40' w/ wooden Plug
 15 sks in M.H.
 30 sks in R.H.
 255 sks 6% w/p, 4% bel 1/4" # Flo Seal

Thank You
Walt & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES or PRODUCT	UNIT PRICE	TOTAL
C00450	1	PUMP CHARGE	1,500.00	1,500.00
C00002	30	MILEAGE	7.15	214.50
C00711	10.97	Ton Mileage Delivery	1.25	660.00
C05829	255 sks	Lite-Weight Blend V	16.00	4080.00
C06025	64 #	Flo Seal	3.00	192.00
C08238	1	7 5/8 wooden Plug	165.00	165.00
				6,811.50
		less 30% Disc		- 2,043.45
				4,768.05
		SALES TAX		248.47
		ESTIMATED TOTAL		5,016.52

Ravin 3737 AUTHORIZATION Walt Dunkel TITLE Tool Pusher DATE 5-25-18

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



PRESSURE PUMPING LLC
PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

10688 / 10577

TICKET NUMBER 55174

LOCATION Oakley KS

FOREMAN Travis Williams

FIELD TICKET & TREATMENT REPORT
CEMENT

Walt Pintel
Invoice #813173 KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
5/15/18	2777	Kronnawitter 127	27	14 S	34 W	Logan	
CUSTOMER		Mailing Address					
Culbreath Oil and Gas		2501 South Yale Avenue					
CITY		STATE	ZIP CODE				
Tulsa		OK	74135				
TRUCK #		DRIVER		TRUCK #		DRIVER	
753		Paul W					
366		Neil W					

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 266 CASING SIZE & WEIGHT 8 5/8 - 27 lbs.
 CASING DEPTH 266 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 15 1/2 bbl DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting, rig up on Southwind Rig #11, Circulate casing mix 180 Sk of Surface Blend II, 30% Calcium, 20% Gel Class A cement displace with bbls of water. Left shut in. Cement did circulate 4 bbls to pit

Thank You
Travis & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE 0471	1	PUMP CHARGE	1150.00	1150.00
CE 0002	30 mi	MILEAGE	7.15	214.50
CE 0710	8.91 Tons	Ton Mileage	1.75	467.78
CE 5271	180 Sk	Surface Blend II	24.00	4320.00
			Sub total	6152.28
			30% Dis	1845.68
			New total	4306.60
			SALES TAX	211.92
			ESTIMATED TOTAL	4518.52

Ravin 3737

AUTHORIZATION

Wesley Pfoff

TITLE

Tool Pusher

DATE

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63599

Well Name & No. Culbreath Oil & Gas Comp Inc Test No. 1 Date 5-21-18
 Company Kranawitter #1-27 Elevation ~~3011~~ 3011 KB 3011 GL
 Address 3501 S. Yale Ave Tulsa OK 74135
 Co. Rep / Geo. Larry Nicholson Rig Southwood 1
 Location: Sec. 27 Twp 14 Rge. 34 Co. Logan State KS

Interval Tested 4292-4334 Zone Tested Altomont
 Anchor Length 42 Drill Pipe Run 4278 Mud Wt. 9.3
 Top Packer Depth 4287 Drill Collars Run Ø Vis 53
 Bottom Packer Depth 4292 WL Pipe Run Ø WL 11.6
 Total Depth 4334 Chlorides 19500 ppm System LCM 1
 Blow Description IF: Boil to 1/8" Dred to weak surface Blow
IS: No Return Blow
FF: No Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>MUD</u>			<u>100</u>	
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 15 BHT 112 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2225</u>	<input checked="" type="checkbox"/> Test	T-On Location <u>21:40</u>
(B) First Initial Flow <u>27</u>	<input checked="" type="checkbox"/> Jars	T-Started <u>23:18</u>
(C) First Final Flow <u>29</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>01:06</u>
(D) Initial Shut-In <u>211</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>03:36</u>
(E) Second Initial Flow <u>31</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>05:08</u>
(F) Second Final Flow <u>31</u>	<input checked="" type="checkbox"/> Mileage <u>64RT</u>	Comments _____
(G) Final Shut-In <u>62</u>	<input type="checkbox"/> Sampler	<input type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>2071</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	Sub Total _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Total _____
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility	
	Sub Total _____	

Approved By [Signature] Our Representative Mike Bolots

Trilobite Testing Inc. shall not be liable for damages 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.



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Culbreath Oil And Gas Comp.Inc.

27-14-34 Logan Co KS

3501 S.Yale Ave
Tulsa OK
74135
ATTN: Larry Nicholson

Krannawitter 1-27

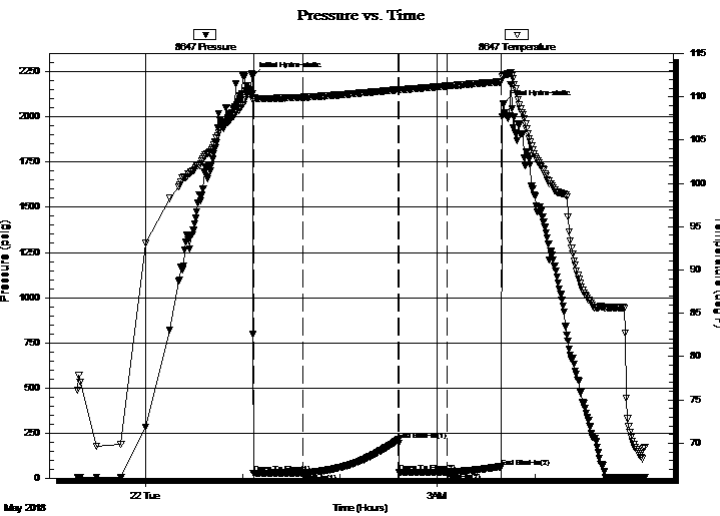
Job Ticket: 63599 **DST#: 1**
Test Start: 2018.05.21 @ 23:18:15

GENERAL INFORMATION:

Formation: **Altamont**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:06:30
 Time Test Ended: 05:08:00
 Interval: **4292.00 ft (KB) To 4334.00 ft (KB) (TVD)**
 Total Depth: 4334.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 3016.00 ft (KB)
 3011.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8647 Inside
 Press@RunDepth: 31.93 psig @ 4293.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.05.21 End Date: 2018.05.22 Last Calib.: 2018.05.22
 Start Time: 23:18:15 End Time: 05:08:00 Time On Btm: 2018.05.22 @ 01:06:00
 Time Off Btm: 2018.05.22 @ 03:40:45

TEST COMMENT: IF: Built to 1/8" blow and died to weak surface blow
 IS: No return blow
 FF: No blow
 FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2225.92	110.40	Initial Hydro-static
1	27.60	109.76	Open To Flow (1)
31	29.04	109.94	Shut-In(1)
90	211.84	110.82	End Shut-In(1)
91	31.13	110.78	Open To Flow (2)
120	31.93	111.24	Shut-In(2)
154	62.53	111.72	End Shut-In(2)
155	2071.00	112.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud 100% m	0.21

Gas Rates

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

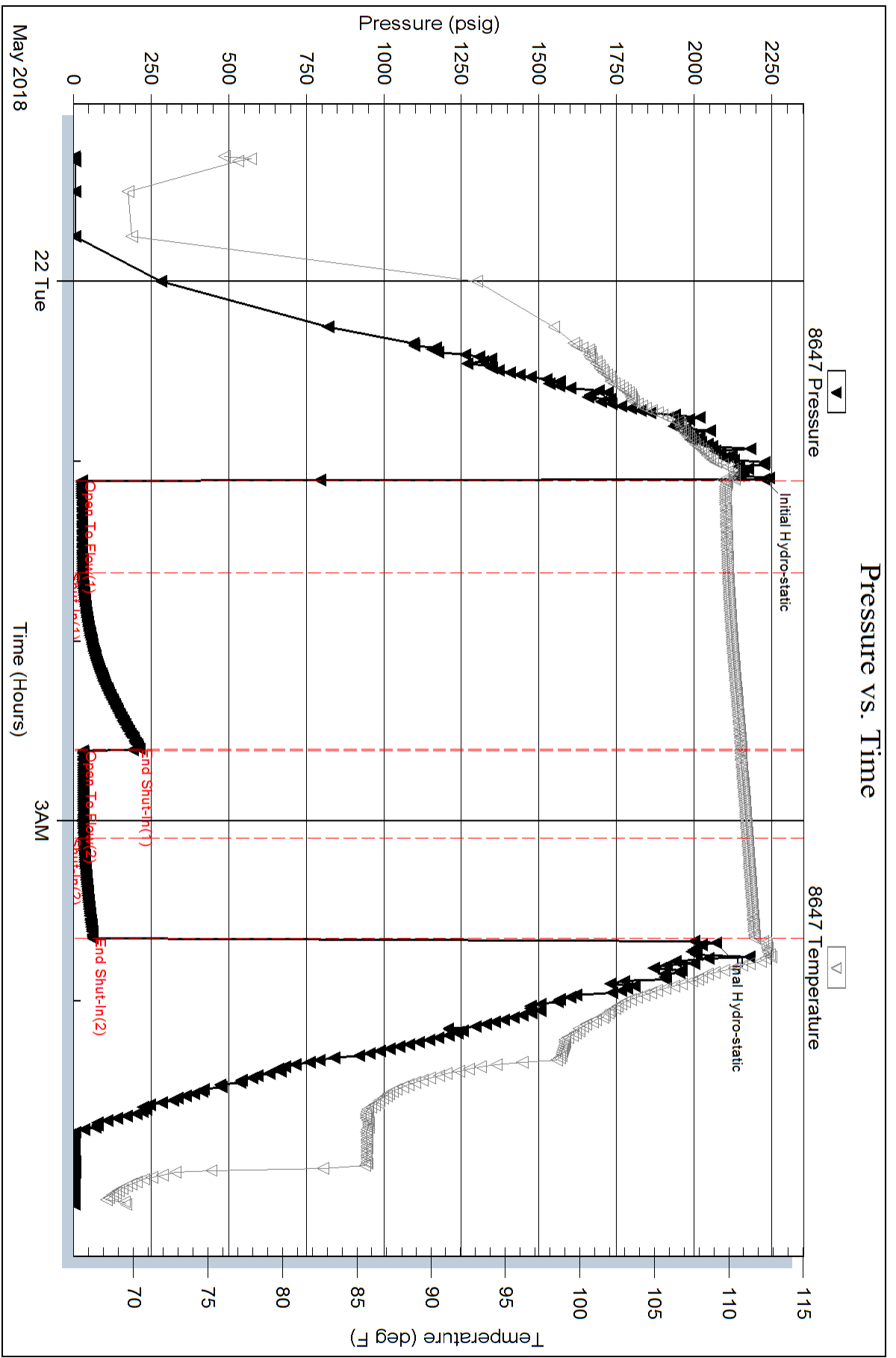
Serial #: 8647

Inside

Culbreath Oil And Gas Comp. Inc.

Kranawiter 1-27

DST Test Number: 1

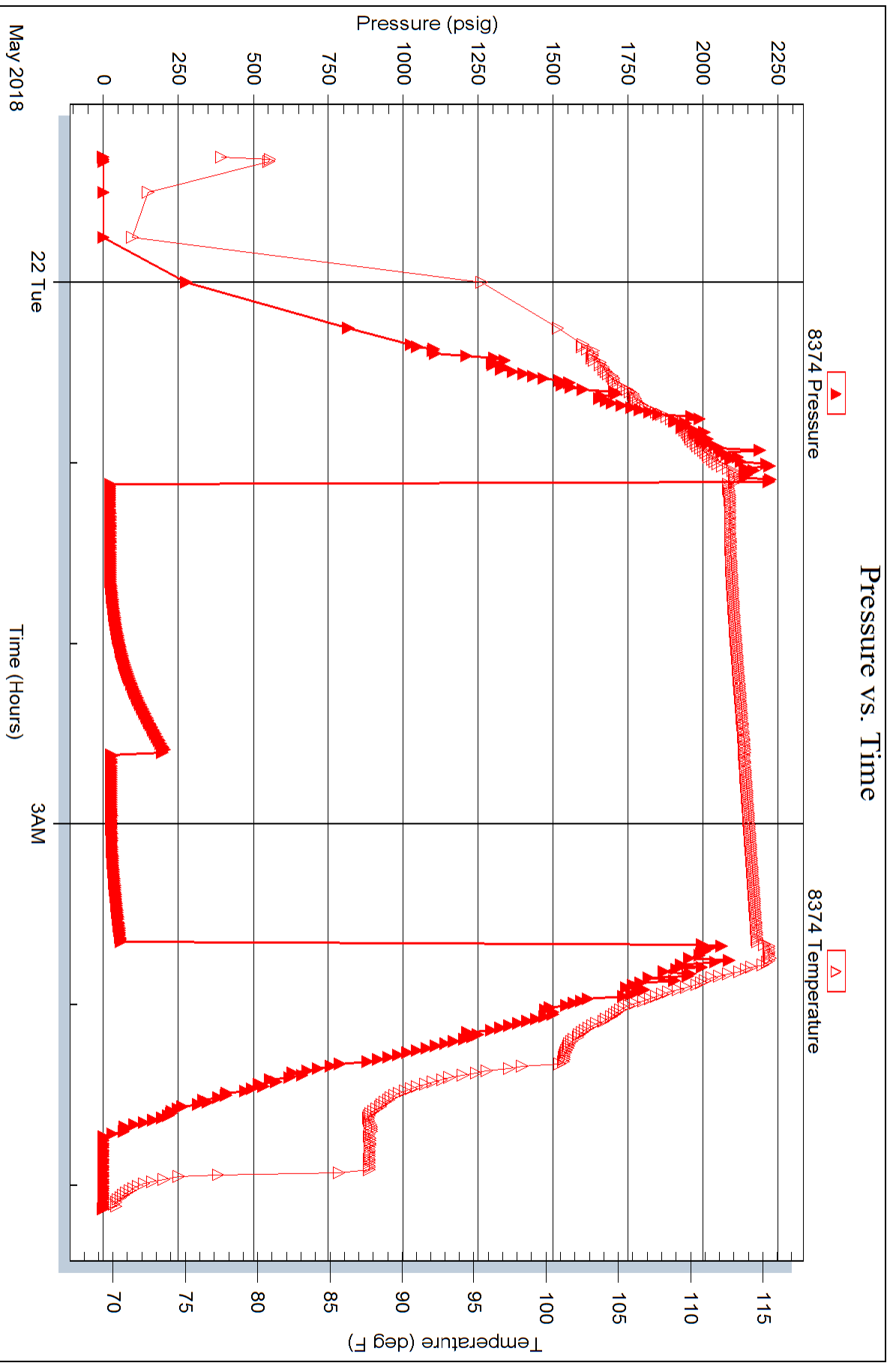


Serial #: 8374

Outside Culbreath Oil And Gas Comp. Inc.

Kranawitter 1-27

DST Test Number: 1





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Culbreath Oil And Gas Comp.Inc.

27-14-34 Logan Co KS

3501 S.Yale Ave
Tulsa OK
74135
ATTN: Larry Nicholson

Krannawitter 1-27

Job Ticket: 63600 **DST#: 2**
Test Start: 2018.05.23 @ 06:06:00

GENERAL INFORMATION:

Formation: **Pawnee-Ft.Scott**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:23:00
 Time Test Ended: 12:06:30
 Interval: **4384.00 ft (KB) To 4465.00 ft (KB) (TVD)**
 Total Depth: 4465.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 3016.00 ft (KB)
 3011.00 ft (CF)
 KB to GR/CF: 5.00 ft

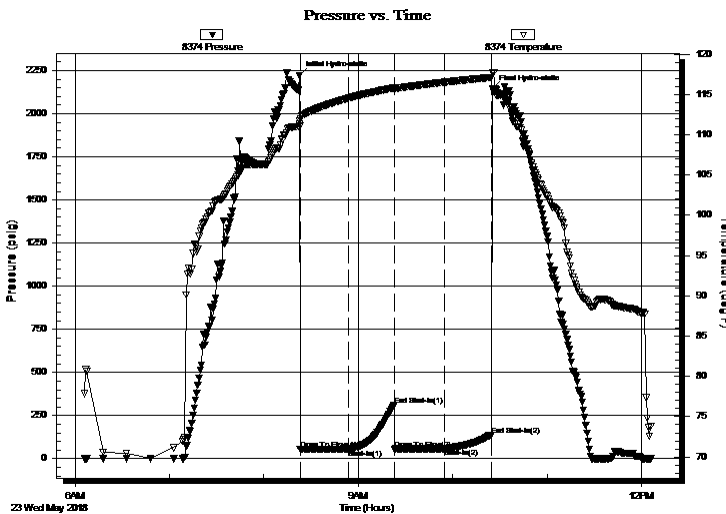
Serial #: 8374

Outside

Press@RunDepth: 58.24 psig @ 4424.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.05.23 End Date: 2018.05.23 Last Calib.: 2018.05.23
 Start Time: 06:06:00 End Time: 12:06:30 Time On Btm: 2018.05.23 @ 08:22:45
 Time Off Btm: 2018.05.23 @ 10:25:30

TEST COMMENT: IF:Very weak surface blow
 IS:No return blow
 FF:No blow
 FS:No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2220.22	111.72	Initial Hydro-static
1	55.99	111.13	Open To Flow (1)
31	56.47	114.55	Shut-In(1)
60	312.21	115.83	End Shut-In(1)
61	56.30	115.67	Open To Flow (2)
92	58.24	116.54	Shut-In(2)
122	135.19	117.13	End Shut-In(2)
123	2142.33	117.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud 100%m	0.21

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Culbreath Oil And Gas Comp.Inc.

27-14-34 Logan Co KS

3501 S.Yale Ave
Tulsa OK
74135

Krannawitter 1-27

Job Ticket: 63600

DST#: 2

ATTN: Larry Nicholson

Test Start: 2018.05.23 @ 06:06:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.57 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 24000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	mud 100%m	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

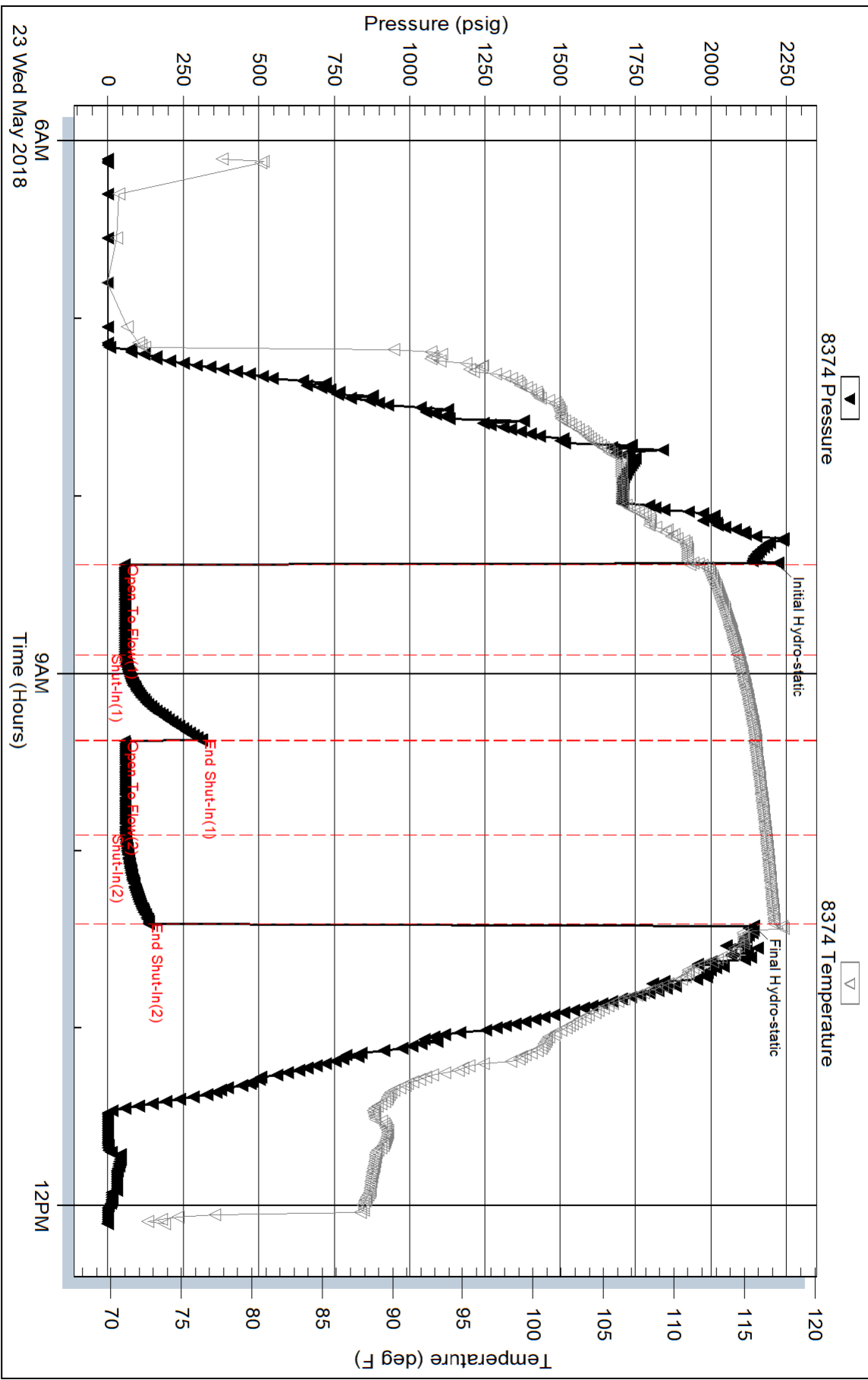
Serial #: 8374

Outside Culbreath Oil And Gas Comp. Inc.

Kranawiter 1-27

DST Test Number: 2

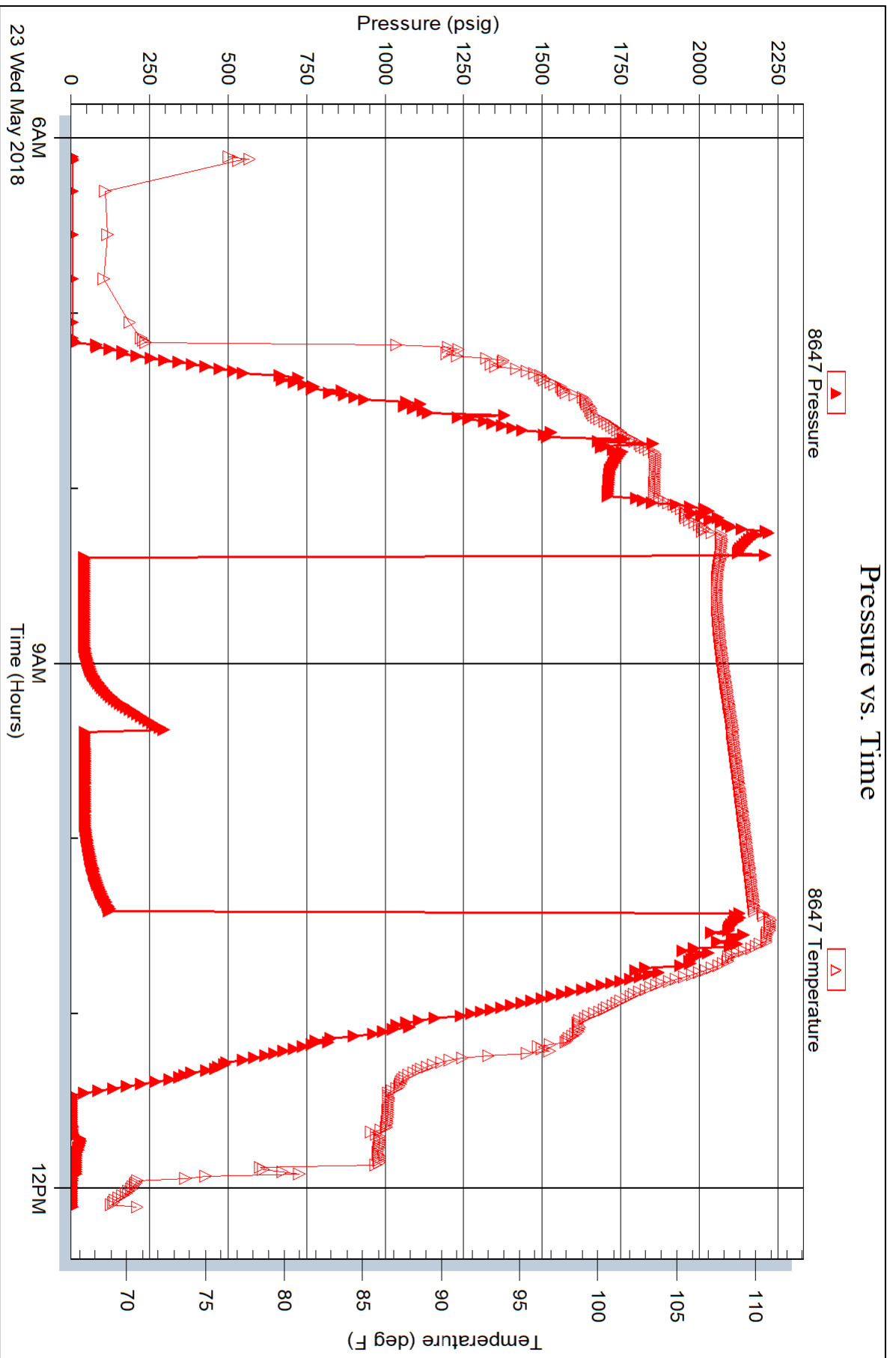
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 63600

Printed: 2018.05.23 @ 17:22:27

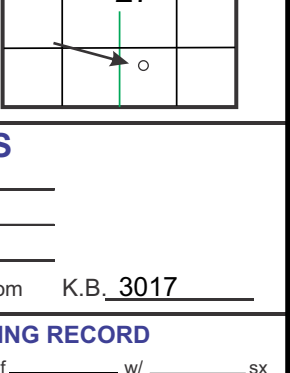


GEOLOGICAL REPORT FIELD

Larry A. Nicholson

NAD 83
38.8049200
-101.0854200

COMPANY **Culbreath Oil & Gas Company, Inc.**
 API # **15-109-21548** FIELD **Wildcat**
 LEASE **Krannawitter** WELL # **#1-27**
 LOCATION **W2 NW SW SE**
 SURVEY **995 FSL 2542 FEL**
 SECTION **27** TWP **14S** RGE **34W**
 COUNTY **Logan** STATE **Kansas**



CONTRACTOR **Southwind TP Was Platt** Rig # **1**
 SPUD **05-18-18 5:30 pm** COAMP **ELEVATIONS**
 RTD **4748 12:36pm 05-24-18** LTD **4746** K.B. **3017**
 MUD UP AT **3450** D.F. **3007**
 MUD TYPE **Chemical, Andy's Aaron Blew** All measurements from **K.B. 3017**

FROM	TO	RTD	CONDUCTOR	OF	WF	SH
3500	3500	RTD	286	8.58	180	58
3500	3500	RTD	286	8.58	180	58
3500	3500	RTD	286	8.58	180	58

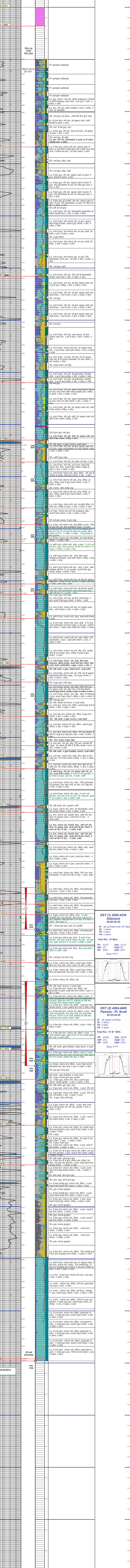
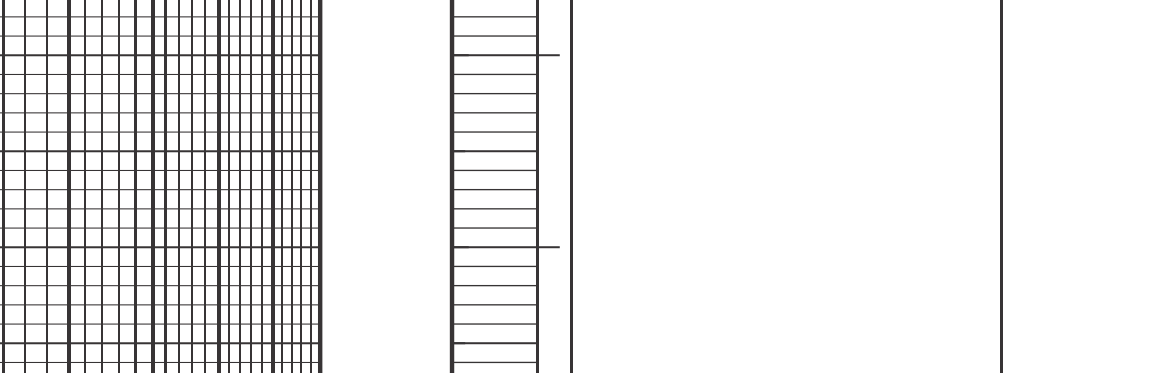
ELECTRICAL SURVEYS **Hill/ACRT, POR, MICRO, BSAT, SURV SON**

FORMATION	SAMPLE TOPS	SURSEA DATUM	ELEG LOG TOPS	SURSEA DATUM	REFERENCE WELL
Anhydrite			2400	+617	
Topoka			3554	-567	
Lansing			3970	-817	
Muncie Creek			4080	-1063	
Stark Sh			4169	-1152	
BKC			4250	-1233	
Marm			4310	-1293	
Pawnee			4398	-1381	
Fort Scott Ls			4450	-1433	
Cherokee Sh			4478	-1461	
Miss			4649	-1632	
RTD			4748	-1731	
LTD			4746	-1729	

REMARKS & RECOMMENDATIONS:
 Based on shows and drill stem test the well was P&A
 *Note Drill Time and Electric logs correlate and are on same depth.

LAN 7/62, Modified 5/05, 11/11, 4/12 Hanover, KS 66845 1inch = 25.4mm 8.5 x 97.5 216 mm x 2460 mm

LEGEND



FORMATION	SAMPLE TOPS	SURSEA DATUM	ELEG LOG TOPS	SURSEA DATUM	REFERENCE WELL
Anhydrite			2400	+617	
Topoka			3554	-567	
Lansing			3970	-817	
Muncie Creek			4080	-1063	
Stark Sh			4169	-1152	
BKC			4250	-1233	
Marm			4310	-1293	
Pawnee			4398	-1381	
Fort Scott Ls			4450	-1433	
Cherokee Sh			4478	-1461	
Miss			4649	-1632	
RTD			4748	-1731	
LTD			4746	-1729	

REMARKS & RECOMMENDATIONS:
 Based on shows and drill stem test the well was P&A
 *Note Drill Time and Electric logs correlate and are on same depth.

LAN 7/62, Modified 5/05, 11/11, 4/12 Hanover, KS 66845 1inch = 25.4mm 8.5 x 97.5 216 mm x 2460 mm

COMPANY **Culbreath Oil & Gas Company, Inc.** ELEVATIONS
 LEASE **Krannawitter #1-27 W2 NW SW SE** K.B. **3017**
 LOCATION **995 FSL 2542 FEL** D.F. **3007**
 COUNTY **Logan** STATE **Ks** All measurements from **K.B. 3017**

