

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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Customer Woolsey Operating	Lease No.	Date 9/12/2019
Lease Hurmen	Well # 1	
Field Order # 18182	Station Pratt, KS	Casing 8 5/8
Type Job 242/8 5/8 Surface	Depth 269	County McPherson
	Formation TD-272	State KS
		Legal Description 19-215-1W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
8 5/8								
Depth 269	Depth	From	To	Pre Pad	Max		5 Min.	
Volume 17	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush Water	Gas Volume		Total Load	
269					7500			

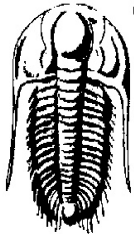
Customer Representative Allen Dick	Station Manager Justin Westerman	Treater Darin Franklin
Service Units 92911 78982 19843 19960 21010		
Driver Names Darin Brett Brett P. C. Reed P. C. Reed		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:13					
10:00pm					On location / 155 ft, meeting 200 SK 60/40 P02 + 3% cement + 14.8 pps, 1.18 veils, 5.14 water
3:00pm	200		3	5	Pump 3 bbls water
	200		42	5	mix 200 SK Cement
	200		15.5	5	Displace water
3:30pm					Shut in

Cement Complete to Cells

Job complete / Darin & crew

Thank you!!



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Woolsey Operating Co

19-21S-1W McPherson

125 N Market Ste 1000
Wichita, KS 67202

Huxman 1

Job Ticket: 65909

DST#: 1

ATTN: Bill Klaver

Test Start: 2019.09.19 @ 22:31:00

GENERAL INFORMATION:

Formation: **Hunton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:03:32

Time Test Ended: 05:47:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 74

Interval: 3366.00 ft (KB) To 3385.00 ft (KB) (TVD)

Reference Elevations: 1500.00 ft (KB)

Total Depth: 3385.00 ft (KB) (TVD)

1487.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8672 Inside

Press@RunDepth: 31.10 psig @ 3367.00 ft (KB)

Capacity: psig

Start Date: 2019.09.19 End Date: 2019.09.20

Last Calib.: 2019.09.20

Start Time: 22:31:01 End Time: 05:47:02

Time On Btm: 2019.09.20 @ 01:02:47

Time Off Btm: 2019.09.20 @ 04:11:32

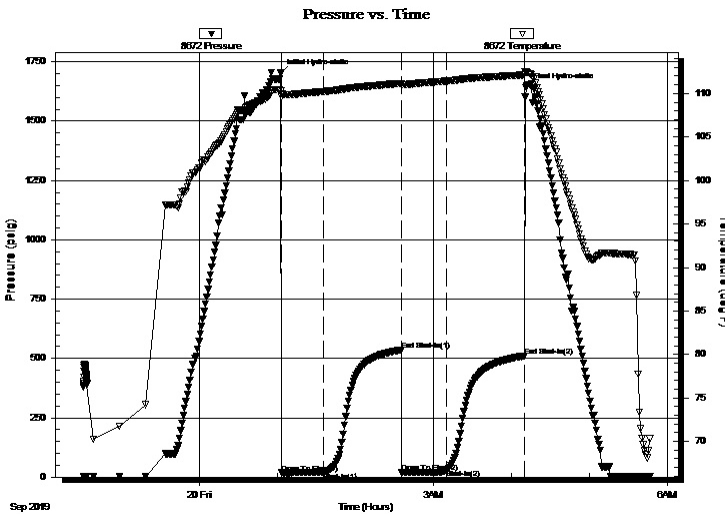
TEST COMMENT: IF: Weak Blow , Built to 1/2 inch, Died Off to Surface Blow

IS: No Blow Back

FF: No Blow

FS: No Blow Back

PRESSURE SUMMARY



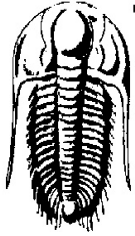
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1701.96	110.35	Initial Hydro-static
1	17.85	109.65	Open To Flow (1)
33	19.53	110.21	Shut-In(1)
93	535.45	111.13	End Shut-In(1)
94	20.37	111.02	Open To Flow (2)
128	31.10	111.43	Shut-In(2)
188	511.16	112.18	End Shut-In(2)
189	1640.11	112.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Woolsey Operating Co

19-21S-1W McPherson

125 N Market Ste 1000
Wichita, KS 67202

Huxman 1

Job Ticket: 65909

DST#: 1

ATTN: Bill Klaver

Test Start: 2019.09.19 @ 22:31:00

GENERAL INFORMATION:

Formation: **Hunton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:03:32

Time Test Ended: 05:47:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 74

Interval: 3366.00 ft (KB) To 3385.00 ft (KB) (TVD)

Reference Elevations: 1500.00 ft (KB)

Total Depth: 3385.00 ft (KB) (TVD)

1487.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 6751 Outside

Press@RunDepth: psig @ 3367.00 ft (KB)

Capacity: psig

Start Date: 2019.09.19 End Date: 2019.09.20

Last Calib.: 2019.09.20

Start Time: 22:31:01 End Time: 05:47:02

Time On Btm:

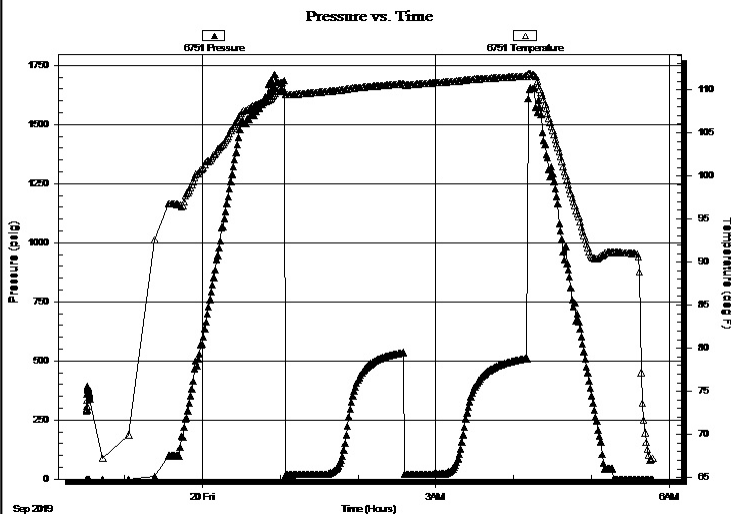
Time Off Btm:

TEST COMMENT: IF: Weak Blow , Built to 1/2 inch, Died Off to Surface Blow

IS: No Blow Back

FF: No Blow

FS: No Blow Back



PRESSURE SUMMARY

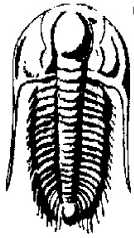
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co

19-21S-1W McPherson

125 N Market Ste 1000
Wichita, KS 67202

Huxman 1

Job Ticket: 65909

DST#: 1

ATTN: Bill Klaver

Test Start: 2019.09.19 @ 22:31:00

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: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

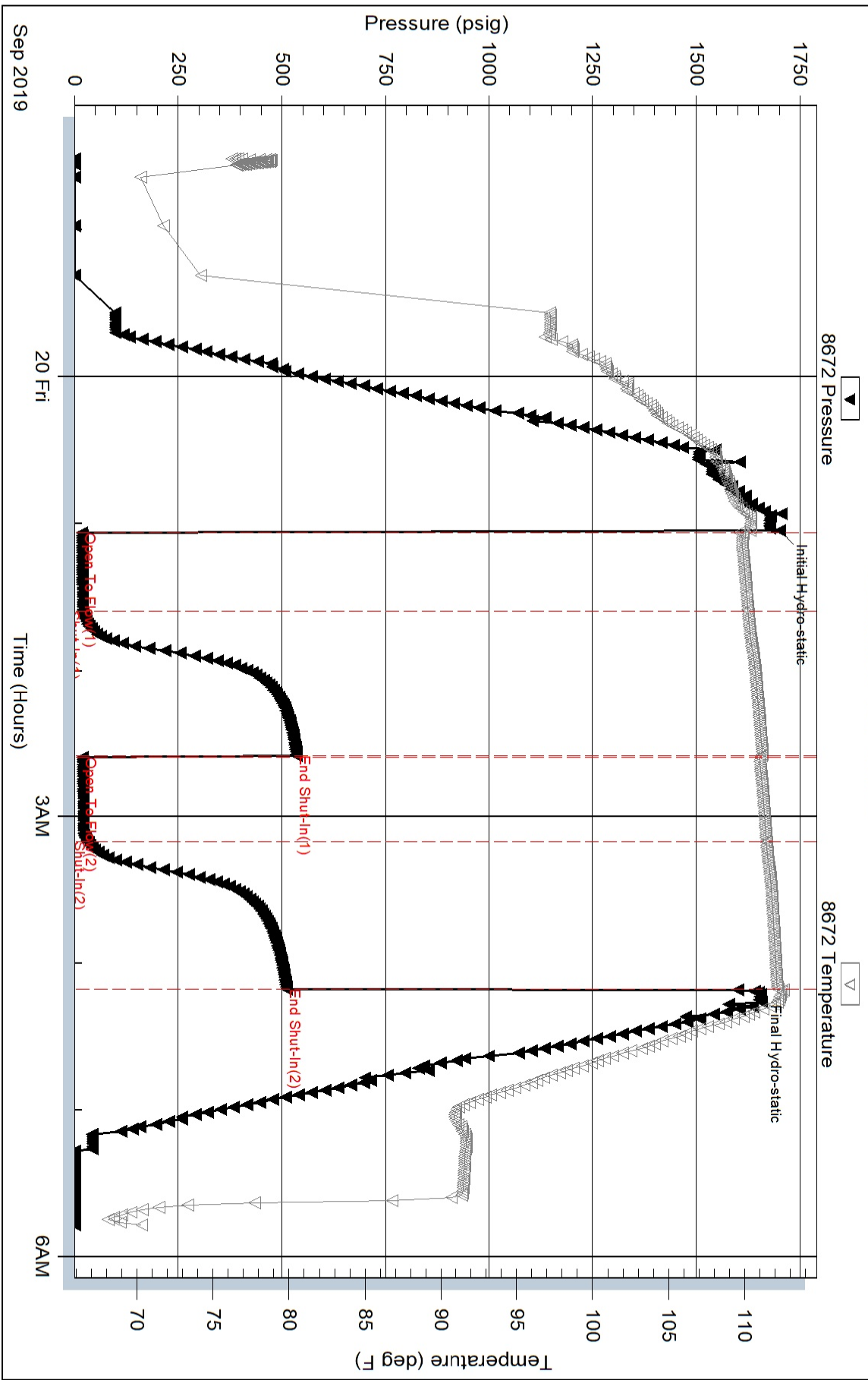
Serial #:

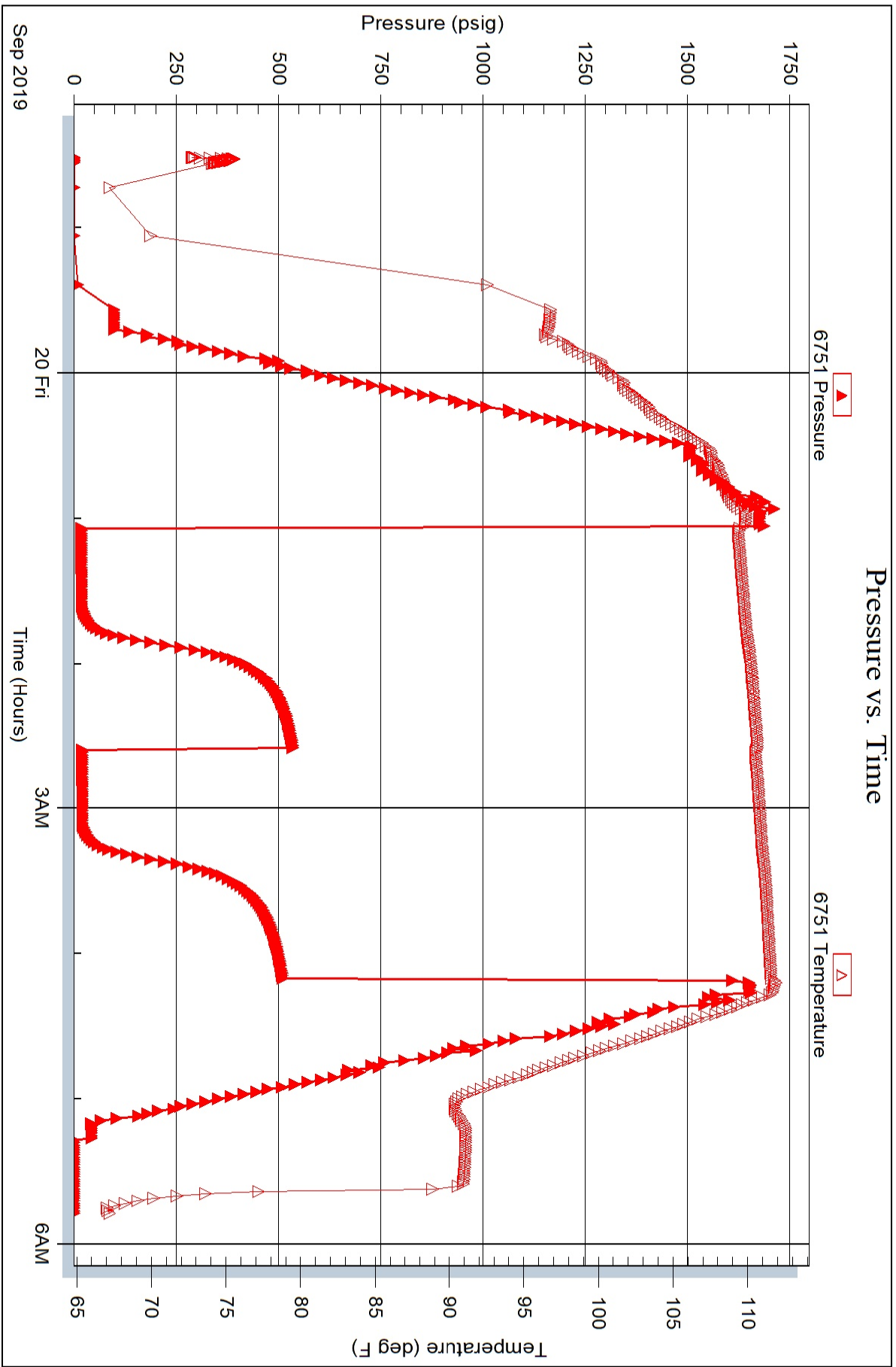
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





Woolsey Operating Company, LLC

Scale: 1" = 240' (60') Imperial
Measured Depth Log

Well Name: **HUXMAN #1**
 Location: **Section 19 - Township 21 South - Range 1 West**
 License Number: **33168**
 Spud Date: **September 13, 2019**
 Surface Coordinates: **E/2 W/2 SE 1550' FSL & 1750' FEL**
 Region: **McPherson Co., Kansas**
 Drilling Completed: **September 20, 2019**

Bottom Hole Coordinates: **1487' K.B. Elevation (ft): 1500'**
 Ground Elevation (ft): **2000'**
 Logged Interval (ft): **To: 3450' Total Depth (ft): 3450'**
 Formation: **Topeka >>> Maquoketa**
 Type of Drilling Fluid: **Chemical Mud displaced at 2210'**
 Printed by **MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com**

Company: Woolsey Operating Company, LLC
Address: 125 N. Market, Suite 1000
 Wichita, KS 67202

OPERATOR
Name: Bill Klaver
Company: Woolsey Operating Co. LLC
Address: 125 N. Market, Wichita Kansas, 67202

Comments
 Surface Casing: Spud at 7:15 pm on September 13, 2019, Ran 6 joints of 8 5/8" X 24#ft casing to 265' KB. Cement with 200 sx 60/40 poz mix, 3% cc. 114# cello flake. Plug down 3:30 am on September 14, 2119, cement did circulate.
 Production Casing: None ran
 Deviation Surveys: 75 at 272', 50 at 521', 25 at 1051', 1 at 1489', 1.5 at 2020', 2 at 2178', 2 at 2365', 1.25 at 2802', 1.5 at 3021', 1.5 at 3210', 2 at 3385', 2 at 3450'
 Pipe Strap @ 2675', Strap: 2677.73', Strap: 2675.77', Strap 1.96' long. No correction was made to the board.
 Duke Drilling Rig 7 Bit Record:
 1) 12 1/4" Hughes Tool Co. R 7 in at 0' out at 265'
 2) 7 7/8" OK BD52C in at 265' out at 3450'

Gas Detector: Pason Systems
 Mud System: Mud-Co., Jason Whitting
 DST: TriState Testing, Leal Cason, Tester
 E-Logs: ELL, CNL-FDC w/P EGR & Calper, Dual Induction Laterolog w/SP, Jason Cappellucci, Engineer
 Company Rep: Alan Dick

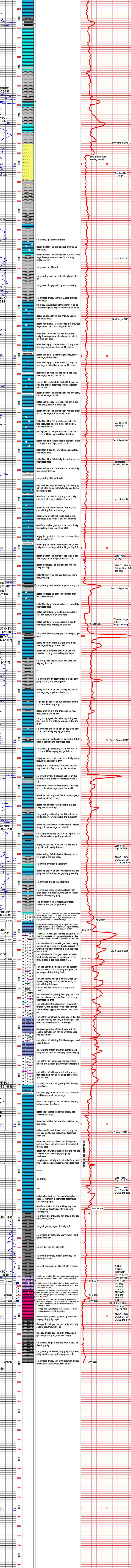
DSTs
 DST #1, Hunton, 3366'-3385', 30°-60"-30°-60", Weak blow died, Recovered: 5' drilling mud, IHP 1702, IFP 18-19, ICP 535, FFP 201-31, FCI 511, FHP 1640. BHT 112 degrees

CREWS
 Galen Roach, Pusher
 Charles Stout, Morning
 Scott Edwards, Days
 Steven "Skippy" Green, Evening

ROCK TYPES		
Anhy	Shy dolo	Sstst
Bent	Dol	Ss
Brec	Gyp	Black sh
Chl	Sdy limest	Gry sh
Chst	Lmst	Shale
Coal	Lmst	Shylstst
Congl	Mlmt	Ss 2sh
Sdy dolo	Shale	
		Shale 3
		Silly dol
		Dol lmt
		Granite wash
		Lmst
		Calc dol
		Shale 3

ACCESSORIES		
Chlorite	Algae	Pelec
Dol	Amph	Pellet
Sand	Belm	Pisolite
Sily	Bioclst	Plant
	Bryoa	Strom
	Cephal	Foss
	Coral	Oomoldic
	Crin	
	Fish	
	Foram	
	Fossil	
	Gastro	
	Oolite	
	Ostra	
		STRINGER
		Anhy
		Arg
		Bent
		Coal
		Dol
		Gyp
		Lmst
		Ss
		Sststrg
		Carsh
		Clystn
		Dol
		Grysh
		Grysl
		Lms
		Sandylms
		Sh
		Shstn
		TEXTURE
		Boundst
		Chalky
		Cryxn
		Earthy
		Finexin
		Grainst
		Lithogr
		Microxln
		Mudst
		Packet
		Wackest

MINERAL		FOSSIL		TEXTURE	
Anhy	Chlorite	Algae	Pelec	Grysh	Boundst
Arg	Dol	Amph	Pellet	Lms	Chalky
Bent	Sand	Belm	Pisolite	Sandylms	Cryxn
Bit	Sily	Bioclst	Plant	Sh	Earthy
Brecfrag		Bryoa	Strom	Shstn	Finexin
Calc		Cephal	Foss		Grainst
Carb		Coral	Oomoldic		Lithogr
Chstk		Crin			Microxln
ChHt		Fish			Mudst
Chl		Foram			Packet
Ferrel		Fossil			Wackest
Ferr		Gastro			
Glau		Oolite			
Gyp		Ostra			
Mari					
Nodule					
Phos					
Pyr					
Salt					
Sandy					
Silt					



Woolsey Operating Company, LLC
 Huxman #1
 1550' FSL & 1750' FEL
 E/2 W/2 SE
 Sec. 19 - Twp 21 South - Rge 1 West
 McPherson County, Kansas
 McPherson County, Kansas
 Field: WCVininger
 API # 15-113-2195-00-00
 CG, EL 1487' KB 1900'