

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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Services, Inc.

CHARGE TO: PERRELL DRUG. Co. Inc
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET **33746**

LEASE: SUTTON "C"
 COUNTY/PARISH: Ness
 STATE: KS
 CITY: LOCARDEN

PAGE 1 OF 1

WELL/PROJECT NO. 7 CONTRACTOR Co. Tools RIG NAME/NO. Ness SHIPPED VIA TR DATE 8-2-2021 OWNER SAME

TICKET TYPE SERVICE SALES

WELL TYPE Oil WELL CATEGORY Development JOB PURPOSE 85/8" SURFACE DELIVERED TO LOCARDEN ORDER NO.

WELL PERMIT NO. WELL LOCATION NW/NESS CRT, KS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY. U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	U/M		
575		1			MILEAGE # 115	10	ME	6.00	60.00
5765		1			PUMP CHANGE - SUTTON SURFACE	1	JOB	220.00	1000.00
325		1			STANDARD CEMENT	165	SBS	14.50	2392.50
278		1			CALCIUM CHLORIDE	8	SBS	40.00	320.00
279		1			BEATRICE GEL	3	SBS	30.00	90.00
290		1			D-ADR	2	6AL	42.00	84.00
581		1			SERVICE CHANGE CEMENT	165	SBS	2.00	330.00
582		1			MEDIUM DRYAGE	162	10	81.05	300.00
299		1			SUGAR	10	UBS	1.50	15.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.

DATE SIGNED 8-2-2021 TIME SIGNED 1400 P.M.

REMIT PAYMENT TO:
SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 4591.50

TOTAL 4999.12

SWIFT OPERATOR Wayne WISSON APPROVAL

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 8-3-2021 PAGE NO. 1

CUSTOMER PICKRELL DRUG Co. Inc

WELL NO. 7

LEASE SUTTON "C"

JOB TYPE 8 5/8" SURFACE

TICKET NO. 33746

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1345							ON LOCATION
	1400							START CASING IN WELL
								TD - 220' SETC 218'
								TP - 220' 8 5/8 - 23 #/FT
								15' CEMENT LEFT IN CASING
	1520							BREAK CIRCULATION
	1540	4 1/2	40		✓		150	MIX CEMENT - 165 SKS STANDARD 2% GEL, 3% OCC
	1550	4 1/2	13		✓		200	DISPLACE CEMENT
	1555							SHOT IN CASING
								CIRCULATED 20 SKS CEMENT TO PT
								WASH TRUCK
	1630							JOB COMPLETE
								THANK YOU WAYNE, DUSTY, TED



Services, Inc.

CHARGE TO: Pickrell Drlg Co
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET

33636

PAGE 1 OF 1

1. SERVICE LOCATIONS Ness City, KS WELL/PROJECT NO. C #179 LEASE Sutton COUNTY/PARISH Ness STATE KS CITY Ness City DATE 8-12-2001 OWNER
 2. TICKET TYPE SERVICE SALES CONTRACTOR Co Tools RIG NAME/NO. SHIPPED KS DELIVERED TO Ness City ORDER NO.
 3. WELL TYPE Oil WELL CATEGORY Development JOB PURPOSE Long String WELL PERMIT NO.
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE					6.00	60.00
578					Pump Charge - Long String			1	job	1,500.00	1,500.00
404					Port Collar	5	1/2	1	EA	2,500.00	2,500.00
403					CMT Baskets	2	1/2	2	EA	275.00	550.00
406					Latch Down Plug + Baffle	1	1/2	1	EA	250.00	250.00
407					Insert Floar Shoe w/ Auto Fill	1	1/2	1	EA	325.00	325.00
409					Turbolizers	1	1/2	1	EA	90.00	90.00
419					Rotating Head Rental	1		1	job	250.00	250.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.
 X DATE SIGNED 8-12-2001 TIME SIGNED 5:30
 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UNDECIDED	DISAGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL 1
 6,335.00
 5,742.50
 Total 12,077.50
 TAX 641.39
 TOTAL 12,718.89

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR Subram Fields APPROVAL
 Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 33636

CUSTOMER Pickell Drlg Co
WELL Sutton C #17
DATE 8-12-2021
PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				UNIT PRICE	AMOUNT							
		LOC	ACCT	DF			QTY	U/M	QTY	U/M									
325						Standard CMT													
284						Cal Seal													
283						SALT													
282						Halad 322													
276						Flocele													
281						Mud Flush													
281						Liquid KCL													
290						D-Air													
581						SERVICE CHARGE													
582						MILEAGE CHARGE													
TOTAL WEIGHT							18,300 lbs	LOADED MILES		10	CUBIC FEET		175	TON MILES		Min Charge	300	PAGE 2 OF 2	
CONTINUATION TOTAL													5742.50						

JOB LOG

SWIFT Services, Inc.

DATE 8-12-2021 PAGE NO. 1

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Pickrell Drilling Co		C #7		Sutton		Long String		33636	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
									ON LOCATION 5 1/2" 15.5 lb/ft RTD: 4,450' LTD: TP: 4,440' SJ: 41.84 PC: #71 1588' Basket: #70, 71 Turbo: 1, 3, 5, 7, 9, 11, 13, 15, 17, 70
	1245								START 5 1/2" 15.5 lb Csg in Well
	1445								Drop Ball - Circulate *Rotate*
	1345	4	12		✓	250			Pump 500 gal Mud Flush
		4	20		✓	250			Pump 20 bbl KCL SPACER
	1555	1	7			75			Plug RH [30]
	1605	3 1/2	35		✓	175			Mix 145 sks of EA-2 @ 15.36ppg
	1615								Wash Pump + Lines Drop Latch down Plug
	1620	6 1/2	0		✓	200			START DISPLACEMENT
		6 1/2	77		✓	300			- lift Pressure
		6 1/2	103		✓	800			- MAX lift Pressure
	1645	5 1/2	104.7		✓	1600			LAND Latch down Plug - Release PSI *Hold*
	1850								Wash up Trk # 112
	1720								Job Complete
									175 sks of EA-2 used
									Thanks!
									Gideon Kirby Isaac



CHARGE TO: Pickrell Drilling
 ADDRESS _____
 CITY, STATE, ZIP CODE _____

TICKET
33844

PAGE 1 OF 1

SERVICE LOCATIONS
 1. new city KS
 2. _____
 3. _____
 4. _____

WELL/PROJECT NO. C-7
 LEASE SUTTON
 COUNTY/PARISH leas
 RIG NAME/NO. _____
 STATE KS
 CITY new city
 DATE 30 AUG 21
 OWNER _____

TICKET TYPE
 SERVICE
 SALES

CONTRACTOR _____
 WELL TYPE 01
 WELL CATEGORY mobile
 JOB PURPOSE development
 DEVELOPMENT activate / pad squeeze

INVOICE INSTRUCTIONS _____
 WELL PERMIT NO. _____
 WELL LOCATION _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575					TRK U/S	10	Mi				6.00	60.00
578					Pump Charge	1	ea				1500.00	1500.00
325					standard convert	50	sk				14.50	725.00
286					ward	5	lb				8.00	40.00
290					D-Air	1	gal				42.00	42.00
581					Starter charge	50	sk				2.00	100.00
582					D range. (main)	1	ea				300.00	300.00
300					N2 Acid	200	gal			15.00	2.00	400.00
230					sub-3	1	gal				25.00	25.00
235					sub-1	1	gal				40.00	40.00

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MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 X _____
 DATE SIGNED _____ TIME SIGNED _____
 A.M.
 P.M.

REMIT PAYMENT TO:
SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UNDECIDED	DISAGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	

PAGE TOTAL	TOTAL
3232.00	3284.40

SWIFT OPERATOR _____ APPROVAL _____
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE

30 AUG 21

PAGE NO.

1

CUSTOMER

PICKRELL Drilling

WELL NO.

C-2

LEASE

Sutton

JOB TYPE

acidize / perf square

TICKET NO.

33844

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								200gal NE acid 50sk STD cement 23' 5 1/2 perfs 4322 - 30 packer spot 4330 squeeze 4253
	1100							on loc PRK 115 tag fluid 1200'
	1128		25					spot 25 bbl (200gal acid + 20 bbl H ₂ O) set packer @ 4253'
			36			500		load tubing 2 bpm @ 500 kickout - 1 min to vacuum
	1215					φ		swab
	1328		7					load BS - leave BS open
		2	11.5			500		mix STD cement 50sk @ 16.2 ppb shot in 23' - wash out Pwp & L line
	1358							Displace cement w/ fresh H ₂ O catch pressure
			18					packer clear
		1/2	24			1700		kickout - shot in 23'
		1/2	25			900		wash truck
	1418							
	1435					550		open 23' 550 ps
	1455					225		pull up to 2250 ps (max pressure) Release pressure to truck - dried φ
	1500							wash rough squeeze
	1535		35					wash down to perfs - (8' left) Reverse hole clean - come back another day to drill last 8'
	1600							Back up pull tool job complete Blaine, Wayne & PRESTON

Recap: mixed the pipe
50sk behind the pipe
45sk left in casing at the perfs
8' left in casing at the perfs



CHARGE TO: **PICKRELL DRUG Co. Inc.**
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET **35139**

CITY, STATE, ZIP CODE

SERVICE LOCATIONS
 1. **Ness City, Ks** WELL/PROJECT NO. **C-7** LEASE **SUTTON** COUNTY/PARISH **Ness** STATE **Ks** CITY **Location** DATE **8-30-2021** OWNER **same**

2. TICKET TYPE SERVICE CONTRACTOR **MOBILE DRUG.** FIG NAME/NO. **Ness** SHIPPED **via CT** DELIVERED TO **location** ORDER NO.

3. WELL TYPE **Oil** WELL CATEGORY **Development** JOB PURPOSE **Tools** WELL PERMIT NO.

4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
100					MILEAGE # 04	10	mi			250	250.00
101					SERVICE Packer Rental	1	ea	5 1/2"		1300.00	1300.00
193					WASH Down Through Squeeze w/ packer	1	job			300.00	300.00
<p>LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.</p>						<p>REMIT PAYMENT TO: SWIFT SERVICES, INC. P.O. BOX 466 NESS CITY, KS 67560 785-798-2300</p>					
<p>MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.</p>						<p>SURVEY</p> <p>OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>WE UNDERSTOOD AND MET YOUR NEEDS? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>OUR SERVICE WAS PERFORMED WITHOUT DELAY? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO</p>					
<p>DATE SIGNED 8-30-2021 TIME SIGNED 0830 <input checked="" type="checkbox"/> A.M. <input type="checkbox"/> P.M.</p>						<p>PAGE TOTAL 1625.00</p> <p>TOTAL 1730.00</p>					

SWIFT OPERATOR **Wayne Wilson** APPROVAL

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.

Thank You!

Geologic Report
Aaron L. Young

Drilling Time and Sample Log

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Sutton "C" #7
API: 15-135-26112
Location: Section 8 - T18S - R24W
License Number: 5123
Spud Date: 08 / 03 / 2021
Surface Coordinates: 268' FSL and 1450' FWL
Approx. SW - SW - SE - SW
Region: Ness Co., KS
Drilling Completed: 08 / 11 / 2021
Bottom Hole Coordinates:
Ground Elevation (ft): 2310' K.B. Elevation (ft): 2317'
Logged Interval (ft): 3600' To: 4450' Total Depth (ft): 4450'
Formation: Mississippian
Type of Drilling Fluid: Chemical - Andy's Mud

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Pickrell Drilling Co., Inc
Address: 100 S Main Ste 505
Wichita, KS 67202

GEOLOGIST

Name: Aaron L. Young, M. S.
Company: Pickrell Drilling Co., Inc.
Address: 100 S Main Ste 505
Wichita, KS 67202

General Info

CONTRACTOR: Pickrell Drilling, Rig #10

BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
1	12-1/4	RR	15-15-15	220'	220'	3.75
2	7-7/8	JZHA20TL	15-15-14	3759'	3539'	84.75
3	7-7/8	JZENP0121	15-15-14	4333'	574'	38.5
4	7-7/8	JZ5176 RR	15-15-14	4450'	117'	4.5

SURVEYS: 3759'-.75

GENERAL DRILLING AND PUMP INFORMATION:

Drilling with 35,000 - 38,000 lbs. on bit and approx 70 RPM.
Running 7.5 stands of collars; 446.99'
Pumping 60 strokes/min @ approx 800 psi at standpipe.

Daily Status

08/03/21 - Spud @ 8:30 am, drilled well to 220', ran 5 jts of new 8 5/8" 23# surface casing set @ 220' (tally 210'), cemented w/ 165 sx. Standard, 2% gel, 3% CC, PD @ 4:00pm 08/03/21
 08/04/21 - Drilling, @ 711'
 08/05/21 - Drilling, @ 2000'
 08/06/21 - Drilling, @ 2550'
 08/07/21 - Drilling, @ 3170'
 08/08/21 - Drilling, @ 3726'
 08/09/21 - Drilling, @ 3850'
 08/10/21 - Drilling, @ 4185'
 08/11/21 - DST #1. TD @ 4337'
 08/12/21 - RTD @ 4450' RTD, 4452' LTD, Ran 109 jts of used 5-1/2" 15.5# production casing. Set @ 4440'

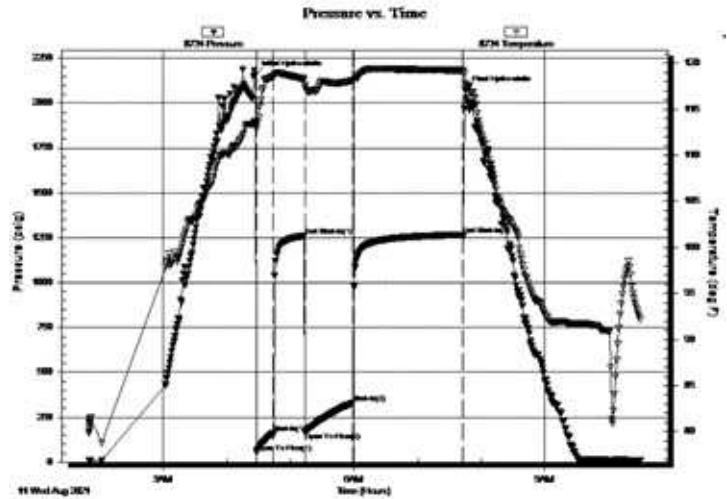
DST #1 MISSISSIPPIAN

4222' - 4333'
 15"-30"-45"-90"

IF: BOB in 7 min, built to 17"
 ISI: No return
 FF: BOB in 15 min, built to 19.25"
 FSI: No return

Rec'd: 860' GSWOCM (15% G, 7% W, 26% O, 52%M)

SIP: 1260-1266#
 FP: 55-163#, 168-330#
 HP: 2160-2070#



ROCK TYPES

<table border="0"> <tr><td></td><td>Anhy</td></tr> <tr><td></td><td>Bent</td></tr> <tr><td></td><td>Brec</td></tr> <tr><td></td><td>Cht</td></tr> <tr><td></td><td>Clyst</td></tr> <tr><td></td><td>Coal</td></tr> <tr><td></td><td>Congl</td></tr> <tr><td></td><td>Dol</td></tr> </table>		Anhy		Bent		Brec		Cht		Clyst		Coal		Congl		Dol	<table border="0"> <tr><td></td><td>Gyp</td></tr> <tr><td></td><td>Igne</td></tr> <tr><td></td><td>Lmst</td></tr> <tr><td></td><td>Meta</td></tr> <tr><td></td><td>Mrlst</td></tr> <tr><td></td><td>Salt</td></tr> <tr><td></td><td>Shale</td></tr> <tr><td></td><td>Shcol</td></tr> </table>		Gyp		Igne		Lmst		Meta		Mrlst		Salt		Shale		Shcol	<table border="0"> <tr><td></td><td>Shgy</td></tr> <tr><td></td><td>Sltst</td></tr> <tr><td></td><td>Ss</td></tr> <tr><td></td><td>Till</td></tr> <tr><td></td><td>Carb sh</td></tr> <tr><td></td><td>Dol</td></tr> <tr><td></td><td>Dtd</td></tr> <tr><td></td><td>Gry sh</td></tr> </table>		Shgy		Sltst		Ss		Till		Carb sh		Dol		Dtd		Gry sh	<table border="0"> <tr><td></td><td>Sandylms</td></tr> <tr><td></td><td>Shale</td></tr> <tr><td></td><td>Sltstn</td></tr> <tr><td></td><td>Shlyslts</td></tr> <tr><td></td><td>Sltlysh</td></tr> <tr><td></td><td>Lms</td></tr> </table>		Sandylms		Shale		Sltstn		Shlyslts		Sltlysh		Lms
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ACCESSORIES

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Breclrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr

- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Chlorite
- Dol
- Sand
- Sltly

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram

- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom
- Fuss
- Oomold

STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbsh

- Clystn
- Dol
- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Sltstn

TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OTHER SYMBOLS

POROSITY TYPE

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

SORTING

- Well
- Moderate
- Poor

ROUNDING

- Rounded
- Subrnd
- Subang
- Angular

OIL SHOWS

- Even
- Spotted
- Ques
- Dead
- Gas show

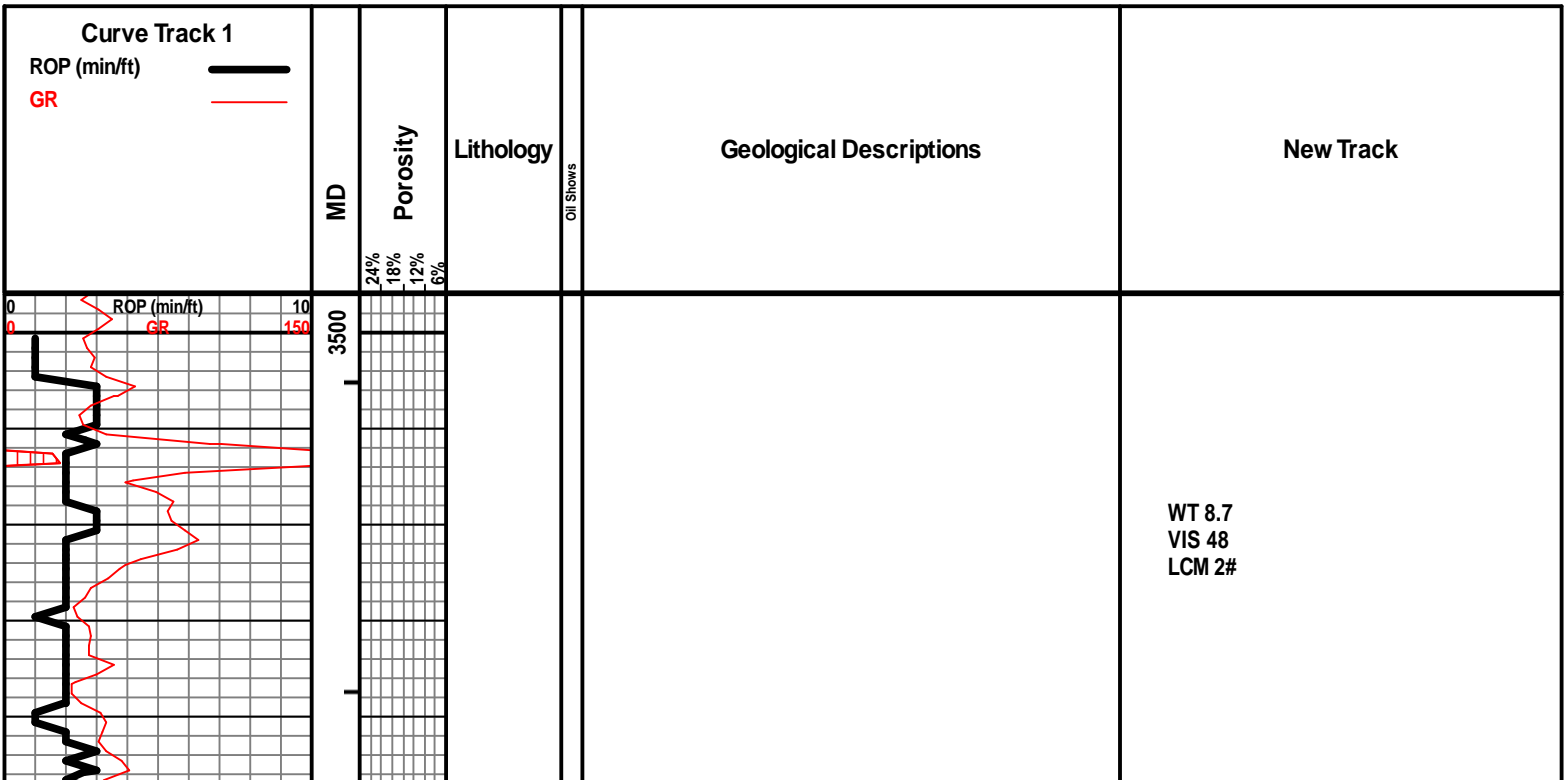
INTERVALS

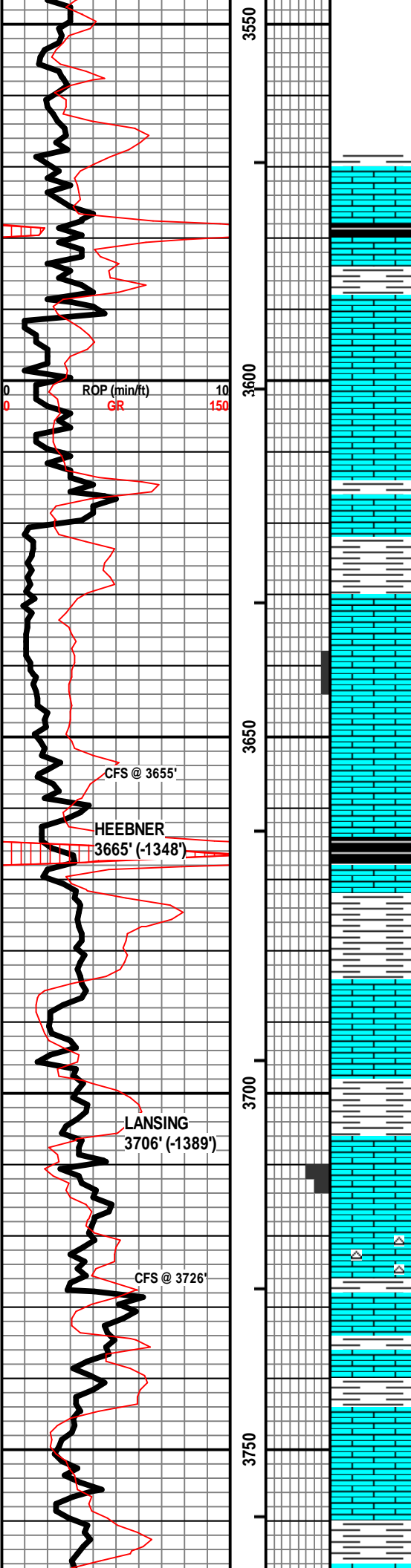
- Core
- Dst

- Dst

EVENTS

- Rft
- Sidewall
- Conn





SH - DK GY / BLK, SLI CARB IN PT, W/ LS - CRM / TAN, F XLN, MOD DNS, FOSS IN PT

SH - GRY / GRN / MAR / RD, W/ LS - CRM / TAN, F XLN, MOD DNS, FOSS IN PT

LS - CRM / TAN, F XLN, DNS, ABUND OF FOSS, W/ FEW PIECE OF SCAT CHT - DK GY, OPAQ, FRSH, ABUND FOSS

LS - CRM / TAN / GY IN PT, SUBCHKY / MOD DNS / DNS, FOSS, FUSILINIDS

LS - CRM / TAN, F / VF XLN, MOD DNS / SUBCHKY, FOSS IN PT

LS - CRM / VF XLN, PRED MOD DNS, SUBCHKY IN PT, FOSS IN PT, W/ SH - / GY / GRN / RD-ORNG

LS - CRM, F XLN, VP INTERXLN POR IN PT, SSFO IN ONE PIECE WHEN BROKEN, LT BRN OIL, V SLI ODOR WHEN BROKEN, SLI YEL-GRN FLOUR IN SHO ROCKS

LS - CRM / TAN / TAN, F / VF XLN, PRED MOD DNS, DNS IN PT, SUBCHKY IN PT, FOSS, SCAT LOOS FUSILINIDS, W/ FEW PIECES OF CHT - GY, OPAQ, FRSH, FOSS

LS - CRM / TAN, F XLN, MOD DNS / DNS, ABUND FOSS, ABUND OF FUSILINIDS

SH - BLK, CARB, W/ LS - CRM, VF / F XLN, MOD DNS, FOSS IN PT

SH - LT GRN, V SOFT IN PT, W/ LS - TAN, F / M XLN, MOD DNS / FOSS

LS - CRM TAN, F / VF XLN, MOD DNS / SUBCHKY, FOSS IN PT, W/ SH - GY

LS - CRM / WHT, VF XLN, SUBCHKY / CHKY, FOSS IN PT

SH - GY / GRN / MAR

LS - CRM, F XLN, ABUND FOSS, F INTERXLN & INTERPART POR, ABUND SAT STN, SSFO, F ODOR, BRI YELL-GRN FLUOR IN SHO ROCKS

LS - CRM, F XLN, V DNS, FOSS, W/ SCAT CHT - LT GY, OPAQ, FRSH

LS - CRM / TAN, F / VF XLN, MOD DNS / SUBCHKY, DNS IN PT, FOSS IN PT, W/ SH - RD / GRN

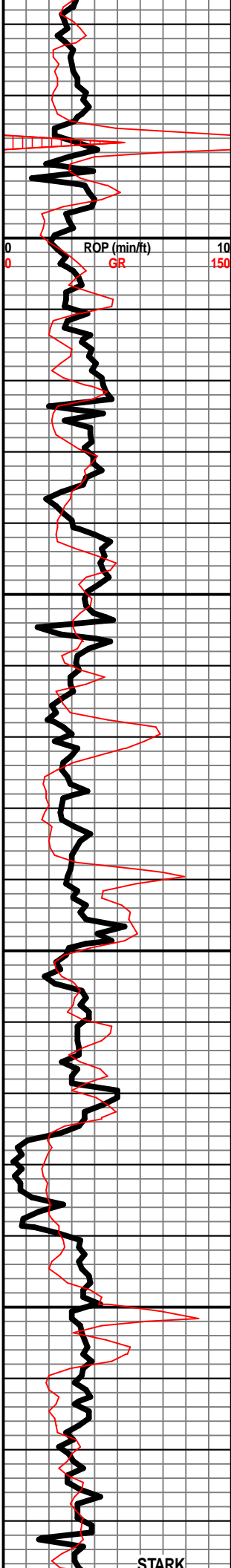
LS - CRM / TAN / GY, F XLN, MOD DNS / DNS, FOSS IN PT, W/ SH - GY / GRN / MAR / RD-ORNG

LS - CRM / TAN, F XLN, V DNS / DNS, W/ SH - TURQ / PALE GREEN / MAR / RD-ORNG, SNDY IN PT

LS - TAN, F XLN, DNS / V DNS, FOSS IN PT

LS - CRM / TAN, F XLN, DNS, FOSS IN PT, W/ SH - GRN / CY

BIT TRIP AT 3759'
STRAP 0.33 LONG TO BOARD



3800
3850
3900
3950

GY

LS - CRM, VF XLN, SUBCHKY / CHKY, FOSS IN PT

LS - TAN / LT GY, F XLN, MOD DNS / DNS, FOSS IN PT

SH - BLK, CARB, W/ LS - CRM / TAN, F / M XLN, MOD DNS / DNS, FOSS

LS - CRM / TAN, F / VF XLN, 50% MOD DNS / DNS, 50% SUBCHKY / CHKY, FOSS IN PT, W/ SH - RD / GRN

LS - CRM / TAN, F XLN, MOD DNS, FOSS IN PT

LS - CRM / TAN / DK TAN IN PT, F XLN, MOD DNS / DNS, ABUND FOSS

LS - CRM / WHT IN PT, VF XLN, MOD DNS / SUBCHKY, CHKY IN PT, FOSS IN PT

LS - CRM / TAN, F / VF XLN, MOD DNS / DNS, SUBCHKY IN PT, ABUND OF FOSS, PYRITIC IN PT, W/ SH - DK GY / BLK, CARB

LS - CRM / TAN, VF / F XLN, SUBCHKY / MOD DNS, CHKY IN PT, W/ SH - GRN / GY / MAR, W/ SCAT CHT - TAN / GY, SLI TRANSLUCNT, FRSH, FOSS

LS - CRM, F XLN, DNS, FOSS, W/ SH - GRN, V SOFT, W/ SH - RD

LS - CRM / TAN, F XLN, DNS, FOSS

LS - CRM / TAN, F XLN, MOD DSN / DNS, FOSS IN PT, W/ SH - GY

LS - CRM / TAN, F XLN, MOD DNS / DNS, ABUND FOSS, W/ SH - GY / GRN / MAR

LS - CRM, VF / F XLN, MOD DNS / DNS, SUBCHKY IN PT, ABUND FOSS IN PT, W/ SH - DK GY / GRN

LS - CRM / TAN, F XLN, MOD DNS / DNS, SUBCHKY IN PT, FOSS, W/ SH - GY / GRN / MAR

LS - CRM, F XLN, F / G OOLMOLDIC POR, NS, NO ODOR, V OOLITIC, FOSS IN PT

LS - CRM / TAN / GY IN PT, F XLN, V DNS / DNS / MOD DNS, FOSS IN PT

SH - BLK, CARB, W/ SH - GY / GRN / MAR, W/ LS - CRM / TAN, F XLN / VF XLN, PRED DNS, MOD DNS / SUBCHKY IN PT, FOSS IN PT

LS - CRM, F / VF XLN, DNS / MOD DNS / SUBCHKY IN PT, W/ SH - GY / GRN

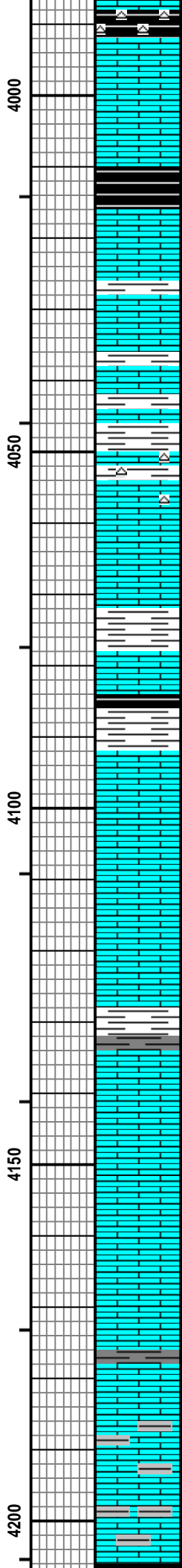
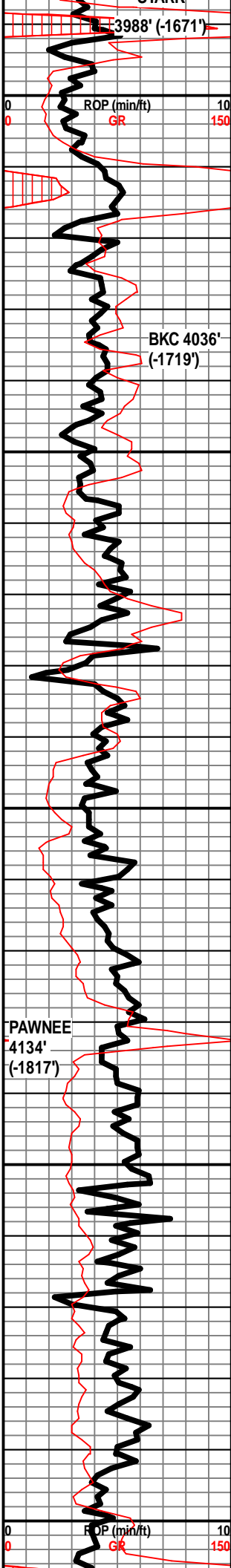
LS - CRM / TAN, F XLN, MOD DNS, BRITTLE, W/ SH - MAR / GRN / GY

LS - CRM / TAN, F / VF XLN, MOD DNS / SUBCHKY IN PT, W/ LS - GY, F / M XLN, MOD DNS / DNS, W/ SCAT CHT - TAN / GY, FRSH, SLI

WT 8.6
VIS 44
LCM 2#

STARK

WT 9.1
VIS 40



SH - BLK, CARB, W/LS - CRM, VF XLN, SUBCHKY /CHKY, W/LS - TAN / GY, F / M XLN, MOD DNS / DNS, W/ CHT - TAN / GY, SLI TRANSLUCNT, FRSH, ABUND FOSS

LS - CRM / TAN, F / VF XLN, MOD DNS / SUBCHKY IN PT, FOSS IN PT

SH - BLK, CARB, W/ LS - CRM, VF / F XLN, SUBCHKY / MOD DNS

LS - DK TAN, F / M XLN, DNS, FOSS IN PT, W/ SH - GY / GRN IN PT

LS - LT TAN / CRM, F XLN, DNS / MOD DNS, FOSS IN PT

SH - GY / GRN / MAR / BRN IN PT, W/ LS - CRM, VF / F XLN, MOD DNS / SUBCHKY IN PT

SH - MAR / RDISH-BRN, W/LS - LT GY / CRM, TAN IN PT, F / M XLN IN PT, DNS / MOD DNS, FOSS IN PT, W/ SCAT CHT - TAN / GY / RDISH-BRN, SLI TRANSLUCNT, FRSH, FOSS IN PT

LS - TAN / GY, F / M XLN, DNS / MOD DNS / FOSS

SH - GRN / GY / MAR, W/ LS - CRM / TAN, F XLN, MOD DNS, FOSS IN PT

SH - BLK, CARB, W/ LS - OFF-WHT / CRM, VF XLN, MOD DNS / SUBCHKY

SH - MAR / RDISH-BRN / GRN / GY, W/ LS - CRM / TAN / LT GY, F / M XLN, MOD DNS / DNS

LS - CRM / TAN, WHT IN PT, F / VF XLN, PRED MOD DNS, SUBCHKY / CHKY IN PT

LS - CRM / TAN, F / M XLN, MOD DNS, FOSS IN PT

LS - TAN / LT GY, F / M XLN, MOD DNS / DNS, FOSS IN PT, W/ SH - GY

LS - CRM / TAN / LT GY, F / M XLN, MOD DNS / DNS, FOSS IN PT

LS - LT GY / GY, M XLN, DNS

LS - GY, F / M XLN, DNS

LS - GY, F / M XLN, MOD DNS

LS - TAN / GY, F / M XLN, MOD DNS / DNS, W/ SH - DK GY, FOSS IN PT

LS - DK GY, F XLN, MOD DNS, ARG IN PT, W/ SH - GY / DK GY

LS - DK GY, F XLN, MOD DNS / DNS, ARG

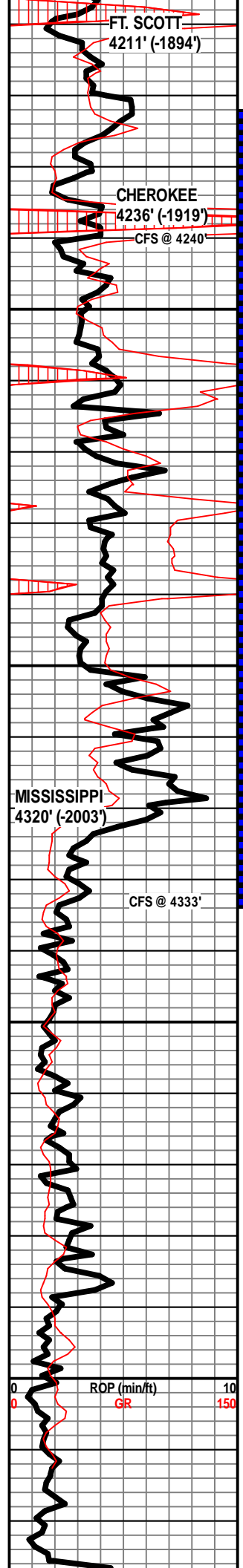
VIS 49
LCM 1#

WT 9.1
VIS 50
LCM 2#

WT 9.1
VIS 49
LCM 2#

WT 9.1
VIS 45
LCM 1#

WT 9.0
VIS 43
LCM 1#



SH - BLK, CARB

LS - CRM / TAN, F XLN, F INTERXLN & INTERPART POR, F VUG POR, FOSS MOLD POR IN PT, ABUND OIL STN, OIL SHEEN, SHO OF GAS IN ONE PIECE, DULL YEL-GRN FLUOR, ABUND FOSS IN PT

SH - MAR / GRN / GY

LS - TAN / CRM, F XLN, P INTERXLN POR IN PT, TIGHT, SHO OF GAS BUB, SSFO, F ODOR, MOD YEL-GRN FLUOR

SH - BLK, CARB

LS - TAN / CRM, VF / F XLN, DNS, FOSS IN PT

SH - MAR / GRN / GY, W/ LS - TAN / LT GY, F XLN, MOD DNS / DNS

SH - GRN / GY / MAR, W/ SH - BLK, CARB, W/ LS - TAN, F / M XLN, DNS

SH - GRN / MAR, W/ LS - GY / TAN, F / M XLN, DNS

SH - GRN / GY / MAR / PURP, W/ LS - GY / TAN, F / M XLN, DNS

CHT - TAN / BLK, SLI TRANSLUCNT IN FRSH PIECES, PRED WEATH POR, COMP SAT W/ OIL IN PT, G POR IN PT, P PERM, BLEEDING OIL, ABUND OF FREE OIL DROPLETS IN TRAY, SCAT DOLO - TAN, F XLN, P INTERXLN POR, SSFO

SH - YEL / RDISH-BRN / GRN, W/ CHT - YEL / TAN / WT / GY, SLI TRANSLUCNT, P WEATH POR IN PT, SLT STN IN PT, FEW PIECES OF DOLO - TAN, VP INTERXLN POR, VSSFO

SH - GRN / GY / MAR / PURP / YEL, W/ CHT - YEL / TAN, SLI TRANSLUCNT, PRED FRSH, SLI WEATH POR IN PT, OIL STN IN PT

DOLO - CRM / TAN, F XLN, F / G INTERXLN POR, VUG POR IN PT, FSFO, FEW SUCROSIC PIECES, G SUCROSIC POR IN PT, G CUP ODOR, FOSS, OIL HAS MOD YEL-GRN FLUOR

DOLO - TAN, F XLN, F INTERXLN POR, VUG POR IN PT, G CUP ODOR, ABUND FOSS, GSFO, TIGHT IN PT, BLEEDING OIL IN PT, OIL HAS MOD YEL-GRN FLUOR

DOLO - TAN / CRM IN PT, F / G INTERXLN POR, G VUG POR, LRG VUGS, FSFO, G CUP ODOR, OIL HAS MOD YEL-GRN FLUOR

DOLO - TAN, F XLN, F / G INTERXLN POR, VUG POR IN PT, FEW PIECES W/ G SUC POR, RHOMBIC IN FEW PIECES, FSFO, G CUP ODOL, OIL HAS MOD YEL-GRN FLUOR, W/ 10% DOLO - WHT, V CHKY

DOLO - TAN / CRM / WHT, F XLN, DNS IN PT, P / F INTERXLN & VUG POR IN PT, SSFO IN FEW PIECES, MOSTLY BARREN, ABUND FOSS IN PT

DOLO - LT GY / TAN / CRM, F XLN, MOD DNS / DNS, P / F INTERXLN & VUG POR IN PT, BARREN, NS, FOSS, ABUND FOSS IN FEW IN PT, LESS FOSS THAN ABOVE OVERALL

DOLO - TAN / LT GY, F XLN, MOD DNS / DNS, P INTERXLN POR IN PT, NS, W/ CHT - GY / TAN / WHT, FRSH, SLI TRANSLUCNT IN PT, ABUND FOSS, W/ SCAT DOLO - WHT, V CHKY

DOLO - TAN / LT GY, F XLN, DNS, P INTERXLN POR IN PT, W/ CHT - GY / WHT, SLI TRANSLUCNT, FRSH, ABUND FOSS, W/ SCAT DOLO - WHT, V CHKY, W/ SH - GRN / MAR

DOLO - TAN / WHT, PRED DNS, V CHKY IN FEW PIECES, W/ SCAT CHT - GY / TAN / WHT, TRANSLUCNT IN PT, FRSH, ABUND FOSS IN PT

WT 9.0
VIS 46
LCM 1#

DST #1 MISSISSIPPIAN
4222' - 4333'
15"-30"-45"-90"

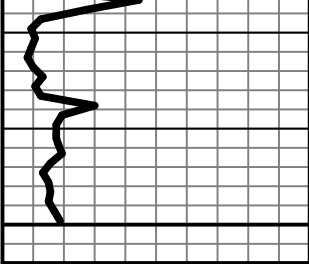
IF: BOB in 7 min, built to 17"
ISI: No return
FF: BOB in 15 min, built to 19.25"
FSI: No return

Rec'd: 860' GSWOCM (15% G, 7% W, 26% O, 52%M)

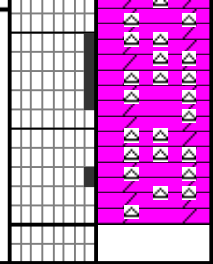
SIP: 1260-1266#
FP: 55-163#, 168-330#
HP: 2160-2070#

WT 9.1
VIS 58
LCM 2#

WT 8.8
VIS 66
LCM 1#



4450



DOLO - OFF WHT, F / VF XLN, PRED MOD DNS / DNS,
SUBCHKY / CHKY IN PT, W/ ABUND CHT - WHT, SLI
TRANSLUCNT IN PT, FRSH

DOLO - OFF-WHT, F XLN, DNS, SCAT CHKY PIECS, W/
ABUND CHT - WHT / CLR, FRSH, DOLOMITIC IN PT

RTD 4450'



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pickrell Drilling Co INC

3-18S.-24W Ness,KS

100 S Main STE 505
Wichita, KS 67202

Sutton "C" #7

Job Ticket: 67660

DST#: 1

ATTN: Aaron Young

Test Start: 2021.08.11 @ 01:50:00

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:27:40

Time Test Ended: 10:30:40

Test Type: Conventional Bottom Hole (Initial)

Tester: Martine Salinas

Unit No: 82

Interval: 4222.00 ft (KB) To 4333.00 ft (KB) (TVD)

Reference Elevations: 2317.00 ft (KB)

Total Depth: 4333.00 ft (KB) (TVD)

2310.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8734 Outside

Press@RunDepth: 329.60 psig @ 4223.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.08.11

End Date: 2021.08.11

Last Calib.: 2021.08.11

Start Time: 01:50:01

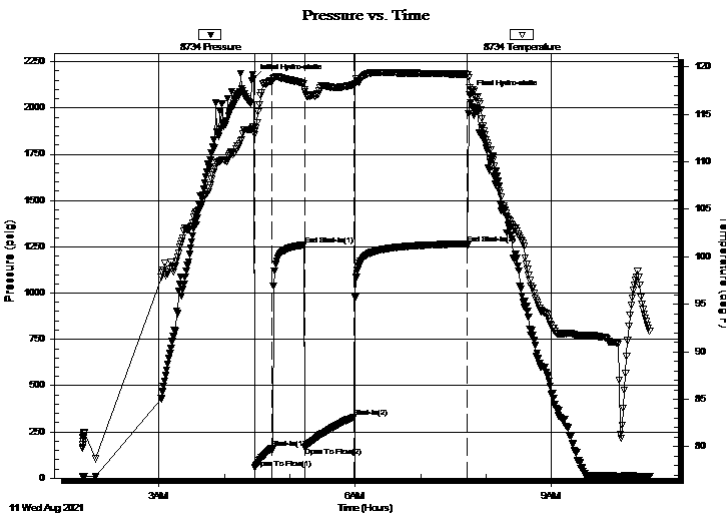
End Time: 10:30:40

Time On Btm: 2021.08.11 @ 04:27:20

Time Off Btm: 2021.08.11 @ 07:45:00

TEST COMMENT: 15-IF-B.O.B (11 inches @ 7 mins (blow increased to 17")
30-ISI-No return
45-FF-B.O.B @ 15 mins (blow increased to 19 1/4")
90-FSI-No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2159.60	113.63	Initial Hydro-static
1	55.08	112.86	Open To Flow (1)
17	162.76	118.48	Shut-In(1)
47	1260.43	118.20	End Shut-In(1)
47	167.54	117.58	Open To Flow (2)
92	329.60	118.12	Shut-In(2)
196	1266.48	119.20	End Shut-In(2)
198	2069.73	117.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
860.00	GSWOCM 15%G,7%W,26%O,52%M	12.06

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pickrell Drilling Co INC
 100 S Main STE 505
 Wichita, KS 67202
 ATTN: Aaron Young

3-18S.-24W Ness,KS

Sutton "C" #7

Job Ticket: 67660 **DST#: 1**
 Test Start: 2021.08.11 @ 01:50:00

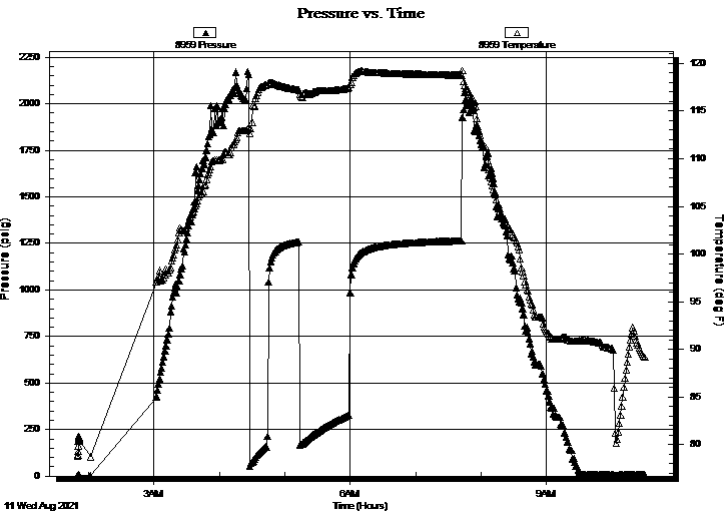
GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:27:40
 Time Test Ended: 10:30:40
 Interval: **4222.00 ft (KB) To 4333.00 ft (KB) (TVD)**
 Total Depth: 4333.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Martine Salinas
 Unit No: 82
 Reference Elevations: 2317.00 ft (KB)
 2310.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8959 Inside

Press@RunDepth: psig @ 4223.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2021.08.11 End Date: 2021.08.11 Last Calib.: 2021.08.11
 Start Time: 01:50:01 End Time: 10:30:40 Time On Btm:
 Time Off Btm:

TEST COMMENT: 15-IF-B.O.B (11 inches @ 7 mins (blow increased to 17")
 30-ISI-No return
 45-FF-B.O.B @ 15 mins (blow increased to 19 1/4")
 90-FSI-No return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
860.00	GSWOCM 15%G,7%W,26%O,52%M	12.06

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Co INC

3-18S.-24W Ness,KS

100 S Main STE 505
Wichita, KS 67202

Sutton "C" #7

Job Ticket: 67660

DST#: 1

ATTN: Aaron Young

Test Start: 2021.08.11 @ 01:50:00

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:

18000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
860.00	GSWOCM 15%G,7%W,26%O,52%M	12.064

Total Length: 860.00 ft Total Volume: 12.064 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

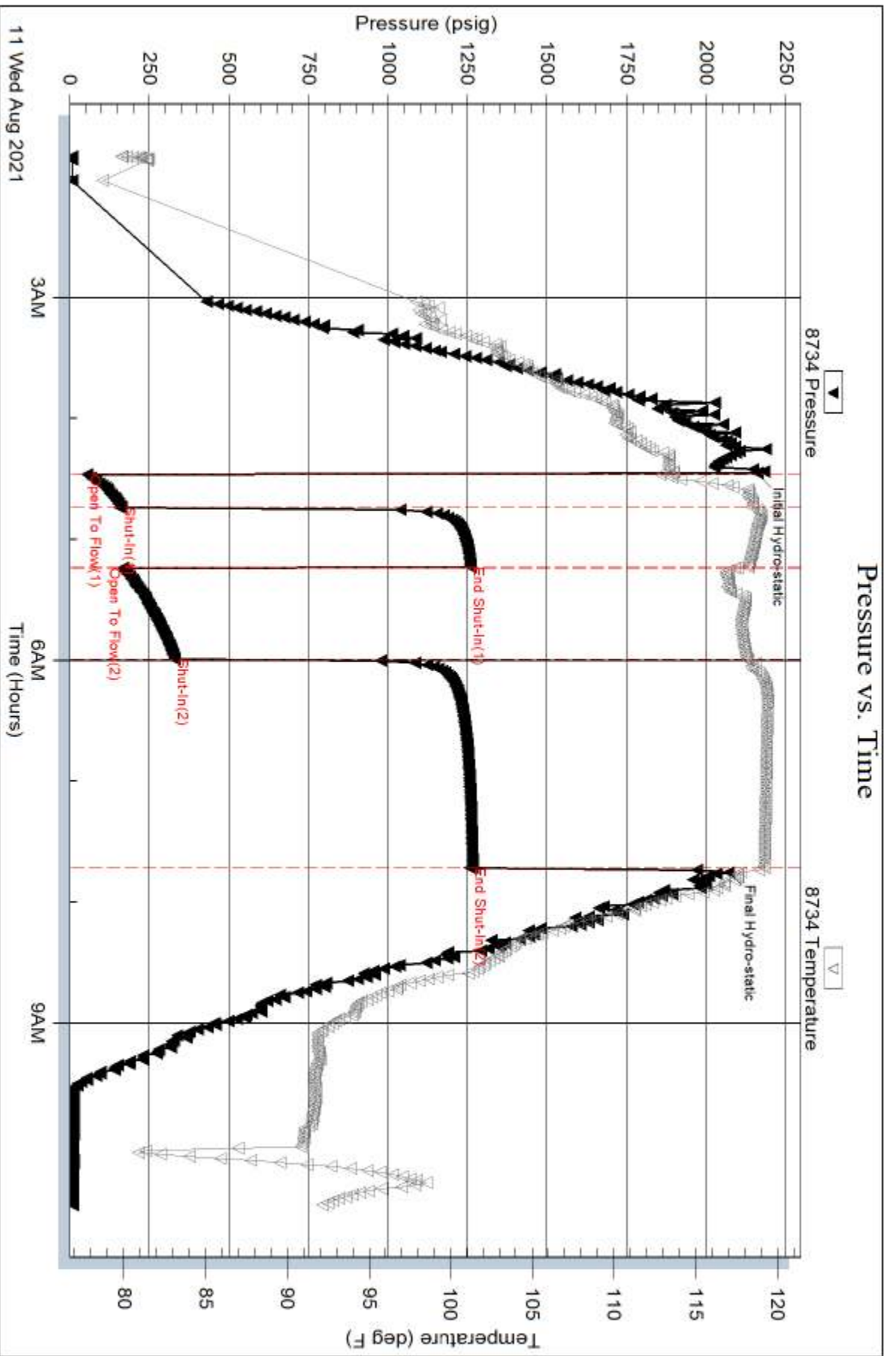
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil samples caught were too heavy to catch gravity

RW=.324 @ 83.4 = 18,000 ppm



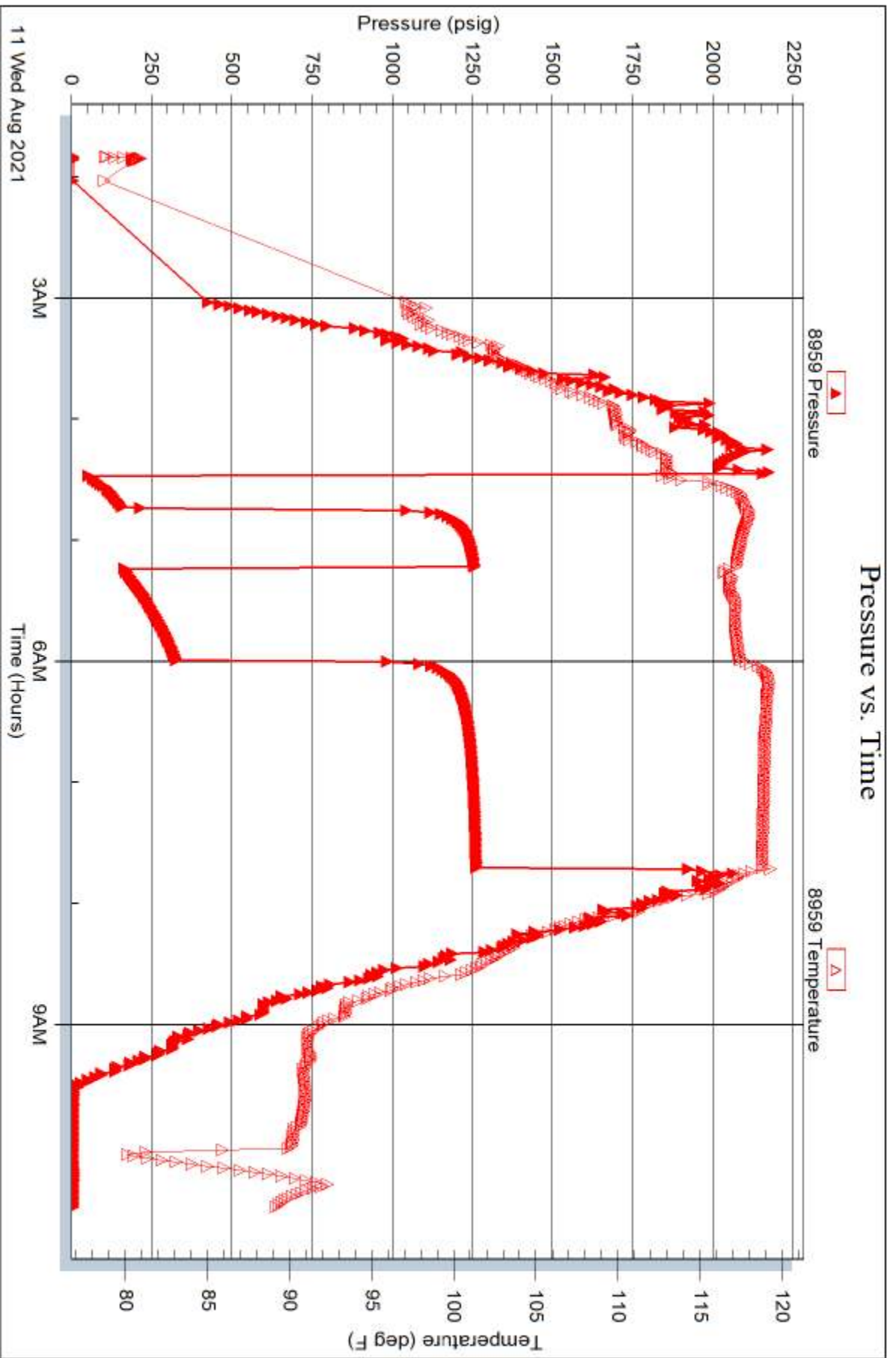
Serial #: 8959

Inside

Pickell Drilling Co INC

Sutton "C" #7

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 67660

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