

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](mailto: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	Funk Petroleum, LLC
Well Name	3KO 1-5
Doc ID	1487796

All Electric Logs Run

DIL
DUCP
MEL
BHCS





**QUALITY OILWELL CEMENTING, INC.**  
 PO Box 32 - 740 WEST WICHITA AVE, RUSSELL KS 67665  
 PHONE:785-324-1041 FAX:785-483-1087  
 EMAIL: cementing@ruraltel.net

Date: 1/1/2020  
 Invoice # 1763  
 P.O.#:  
 Due Date: 1/31/2020  
 Division: Russell

# Invoice

**Contact:**  
 FUNK PETROLEUM  
**Address/Job Location:**

2110 N. 1184 RD  
 EUDORA KS 66025

**Reference:**  
 3 K O 1-5 SEC 5-7-34

**Description of Work:**  
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 798.02	No				
Common-Class A	160	\$ 2,526.93	Yes				
Calcium Chloride	7	\$ 300.53	Yes				
POZ Mix-Standard	40	\$ 214.67	Yes				
Bulk Truck Matl-Material Service Charge	250	\$ 191.67	No				
Premium Gel (Bentonite)	3	\$ 66.70	Yes				
Pump Truck Mileage-Job to Nearest Camp	15	\$ 51.75	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	15	\$ 40.25	No				

**Invoice Terms:**

Net 30

	SubTotal:	\$	4,190.52
	Discount Available <u>ONLY</u> if Invoice is Paid & Received within listed terms of invoice:	\$	(104.76)
		SubTotal for Taxable Items:	\$ 3,031.11
		SubTotal for Non-Taxable Items:	\$ 1,054.65

8.00% Thomas County Sales Tax

Total:	\$	4,085.76
Tax:	\$	242.49
<b>Amount Due:</b>	<b>\$</b>	<b>4,328.25</b>
<b>Applied Payments:</b>		
<b>Balance Due:</b>	<b>\$</b>	<b>4,328.25</b>

**Thank You For Your Business!**

Past Due Invoices are subject to a service charge (annual rate of 24%)  
 This does not include any applicable taxes unless it is listed.

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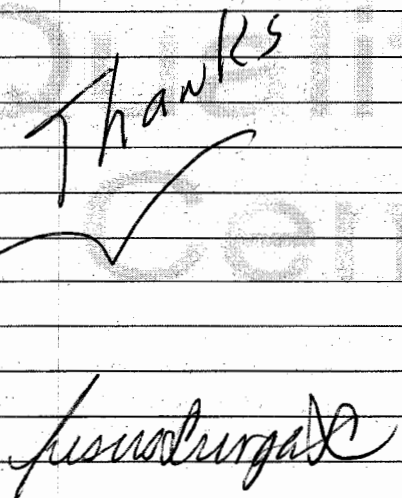
# QUALITY OILWELL CEMENTING, INC.

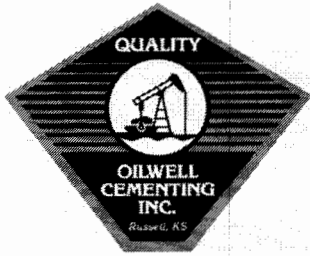
Federal Tax I.D.# 20-2886107

Phone 785-483-1071  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1763

Date	Sec.	Twp.	Range	County	State	On Location	Finish
1-1-20	5	7	34	Thomas	Ks		4:00 am
Lease 3160				Well No. 1-5	Owner W into		
Contractor <i>Murfin Drilling</i>				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Type Job <i>Surface</i>				Charge To <i>Funk Petroleum LLC</i>			
Hole Size <i>12 1/4</i>		T.D. <i>348'</i>		Street			
Csg. <i>8 5/8</i>		Depth <i>348'</i>		City State			
Tbg. Size		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Tool		Depth		Cement Amount Ordered <i>250 90% 20 3% cc 2% Gel</i>			
Cement Left in Csg. <i>15'</i>		Shoe Joint <i>15'</i>		Cement Amount Ordered			
Meas Line		Displace <i>21 b/s</i>		Common <i>160</i>			
<b>EQUIPMENT</b>				<b>FLOAT EQUIPMENT</b>			
Pumptrk <i>5</i>	No.	Cementer	<i>TIM</i>	Poz. Mix <i>40</i>			
Bulktrk <i>9</i>	No.	Helper		Gel. <i>3</i>			
Bulktrk <i>PK</i>	No.	Driver	<i>Doug</i>	Calcium <i>7</i>			
		Driver	<i>Rich</i>				
		Driver	<i>David</i>				
<b>JOB SERVICES &amp; REMARKS</b>				Hulls			
Remarks:				Salt			
Rat Hole				Flowseal			
Mouse Hole				Kol-Seal			
Centralizers				Mud CLR 48			
Baskets				CFL-117 or CD110 CAF 38			
D/V or Port Collar				Sand			
				Handling <i>250</i>			
<i>Cement Did Circulate</i>				Mileage			
<i>Used 200 sks</i>							
<p style="font-size: 2em; text-align: center;">Thanks</p> 				Guide Shoe			
				Centralizer			
				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				Pumptrk Charge <i>Surface</i>			
				Mileage <i>15 (Mim)</i>			
				Tax			
				Discount			
Total Charge							
X Signature <i>Jamesburg</i>							



**QUALITY OILWELL CEMENTING, INC.**  
 PO BOX 32 - 740 WEST WICHITA AVE, RUSSELL KS 67665  
 PHONE:785-324-1041 FAX:785-483-1087  
 EMAIL: cementing@ruraltel.net

Date: 1/9/2020  
 Invoice # 1916  
 P.O.#:  
 Due Date: 2/8/2020  
 Division: Russell

# Invoice

**Contact:**  
 FUNK PETROLEUM  
**Address/Job Location:**

2110 N. 1184 RD  
 EUDORA KS 66025

**Reference:**  
 3 K O 1-5 SEC 5-7-34

**Description of Work:**  
 PLUG JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 798.02	Yes				
Common-Class A	153	\$ 2,416.38	Yes				
POZ Mix-Standard	102	\$ 547.40	Yes				
Bulk Truck Matl-Material Service Charge	264	\$ 202.40	Yes				
Premium Gel (Bentonite)	9	\$ 200.10	Yes				
Flo Seal	50	\$ 76.67	Yes				
Dry Hole Plug	1	\$ 64.40	Yes				
Pump Truck Mileage-Job to Nearest Camp	15	\$ 51.75	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	15	\$ 40.25	Yes				

**Invoice Terms:**

Net 30

SubTotal: \$ 4,397.37  
 Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (109.93)

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SubTotal for Taxable Items: \$ 4,287.44  
 SubTotal for Non-Taxable Items: \$ -

8.00% Thomas County Sales Tax

Total: \$ 4,287.44  
 Tax: \$ 343.00  
**Amount Due: \$ 4,630.44**  
 Applied Payments:  
**Balance Due: \$ 4,630.44**

**Thank You For Your Business!**

Past Due Invoices are subject to a service charge (annual rate of 24%)  
 This does not include any applicable taxes unless it is listed.  
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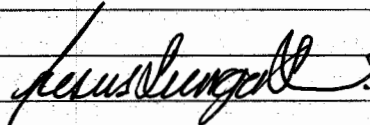
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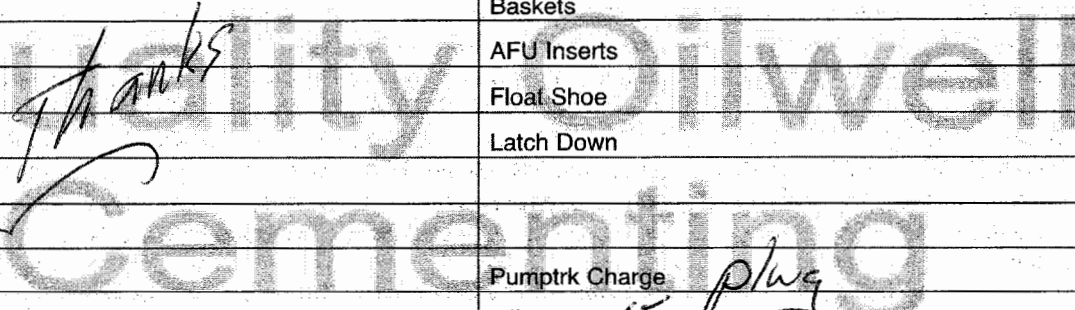
Federal Tax I.D.# 20-2886107

Phone 785-483-1071  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1916

Date	1-9-20	Sec.	5	Twp.	7	Range	34	County	Thomas	State	KS	On Location		Finish	11:00 AM
Lease								Well No.		Location					
3 KO								1-5		Colby rd 24+25 junction 4w 15R25' 2w					
Contractor								Owner							
Murfin #7								Winto							
Type Job								To Quality Oilwell Cementing, Inc.							
Rotary Plug								You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size								Charge To							
7 7/8								Funk Petroleum							
Csg.								Depth							
								Street							
Tbg. Size								Depth							
								City State							
Tool								Depth							
								The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.								Shoe Joint							
								Cement Amount Ordered 255 60/40 4-1.0EL 1/4#FD							
Meas Line								Displace							
<b>EQUIPMENT</b>								Common 153							
Pumptrk 5 No.								Cementer							
								Craig							
Bulktrk No.								Helper							
								Nick							
Bulktrk 15 No.								Driver							
								Michael							
<b>JOB SERVICES &amp; REMARKS</b>								Hulls							
Remarks:								Salt							
Rat Hole 30SK								Flowseal 50#							
Mouse Hole 15SK								Kol-Seal							
Centralizers								Mud CLR 48							
Baskets								CFL-117 or CD110 CAF 38							
D/V or Port Collar								Sand							
1st 2855 50SK								Handling 264							
2nd 1955 100SK								Mileage							
3rd 400 50SK								<b>FLOAT EQUIPMENT 8 5/8 Dry Hole plug</b>							
4th 40' 10SK								Guide Shoe							
								Centralizer							
								Baskets							
								AFU Inserts							
								Float Shoe							
								Latch Down							
								Pumptrk Charge							
								Mileage 15 plug							
Signature								Tax							
								Discount							
								Total Charge							







**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Funk Petroleum, LLC

**5-7S-34W Thomas, KS**

2110 N. 1184th St.  
Eudora, KS 66025

**3KO #1-5**

Job Ticket: 66204

**DST#: 1**

ATTN: Thomas Funk

Test Start: 2020.01.04 @ 13:44:45

## GENERAL INFORMATION:

Formation: **Tarkio**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:09:36

Time Test Ended: 21:33:21

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 73

**Interval: 3779.00 ft (KB) To 3835.00 ft (KB) (TVD)**

Reference Elevations: 3208.00 ft (KB)

Total Depth: 3835.00 ft (KB) (TVD)

3203.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8700 Outside**

Press@RunDepth: 109.32 psig @ 3780.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2020.01.04

End Date:

2020.01.04

Last Calib.:

2020.01.04

Start Time:

13:44:46

End Time:

21:33:21

Time On Btm:

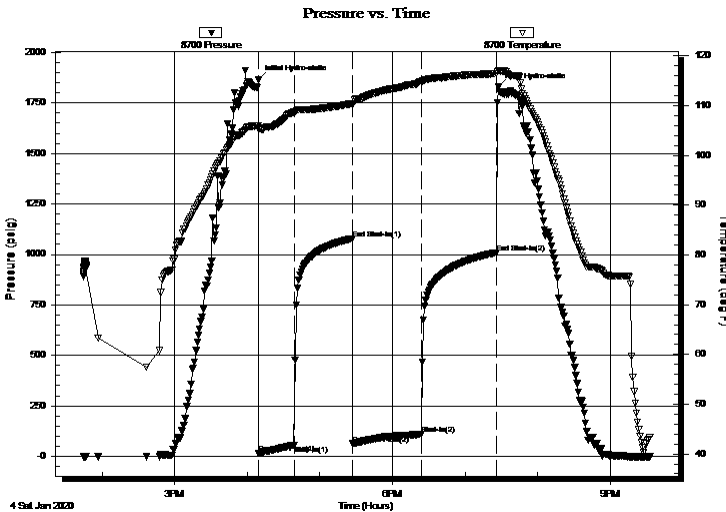
2020.01.04 @ 16:09:21

Time Off Btm:

2020.01.04 @ 19:27:36

**TEST COMMENT:** 30- IF- Slow ly built to 3.54"  
45- IS- No blow  
60- FF- Slow ly built to 5.05"  
60- FSI- No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1863.12	106.02	Initial Hydro-static
1	15.93	105.29	Open To Flow (1)
30	56.74	108.69	Shut-In(1)
78	1078.31	110.41	End Shut-In(1)
78	61.92	110.18	Open To Flow (2)
135	109.32	114.87	Shut-In(2)
197	1009.40	116.43	End Shut-In(2)
199	1828.28	117.08	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
220.00	OSM	1.46

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Funk Petroleum, LLC

**5-7S-34W Thomas, KS**

2110 N. 1184th St.  
Eudora, KS 66025

**3KO #1-5**

Job Ticket: 66204

**DST#: 1**

ATTN: Thomas Funk

Test Start: 2020.01.04 @ 13:44:45

### 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:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
220.00	OSM	1.461

Total Length: 220.00 ft      Total Volume: 1.461 bbl

Num Fluid Samples: 0

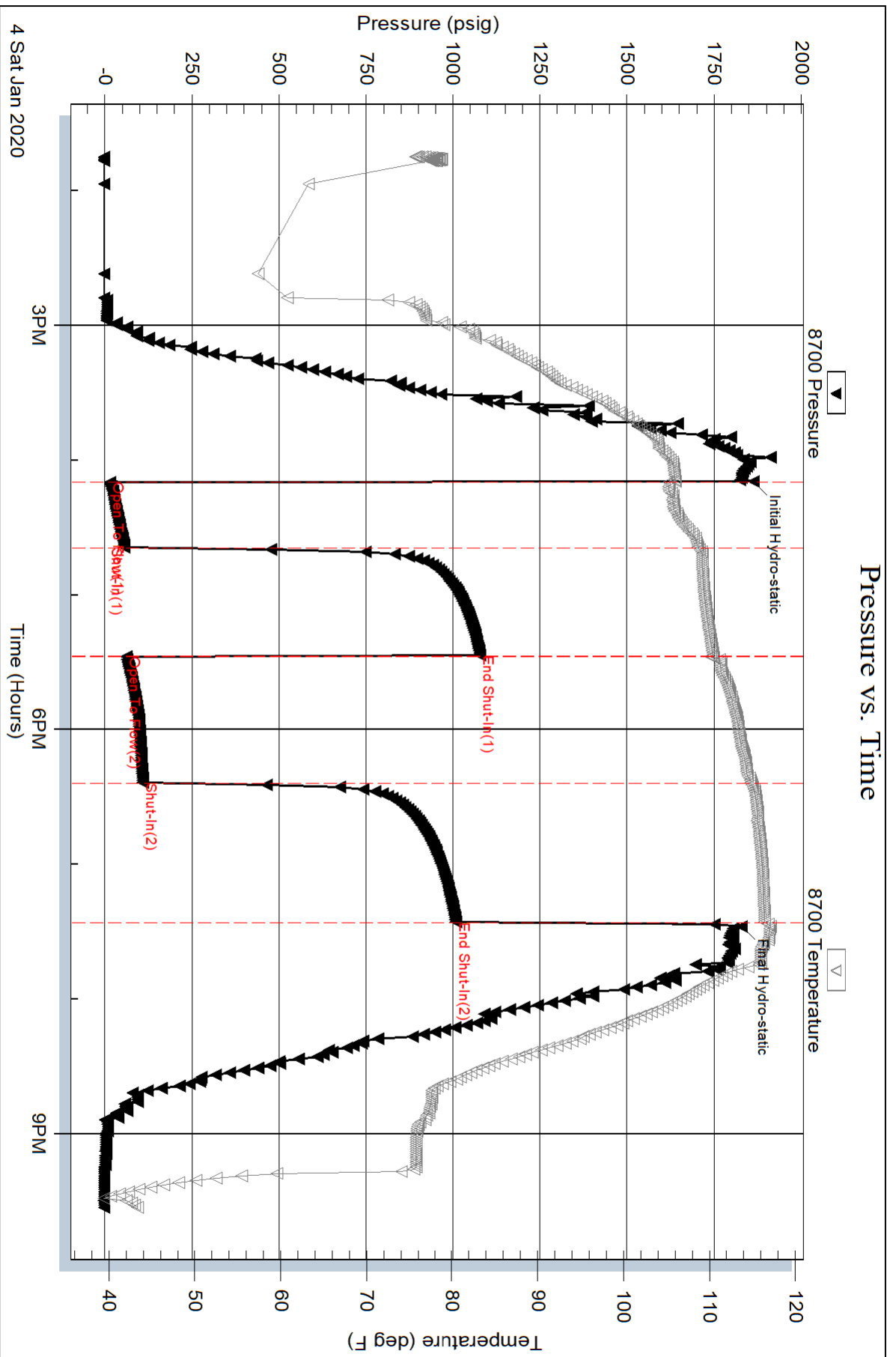
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



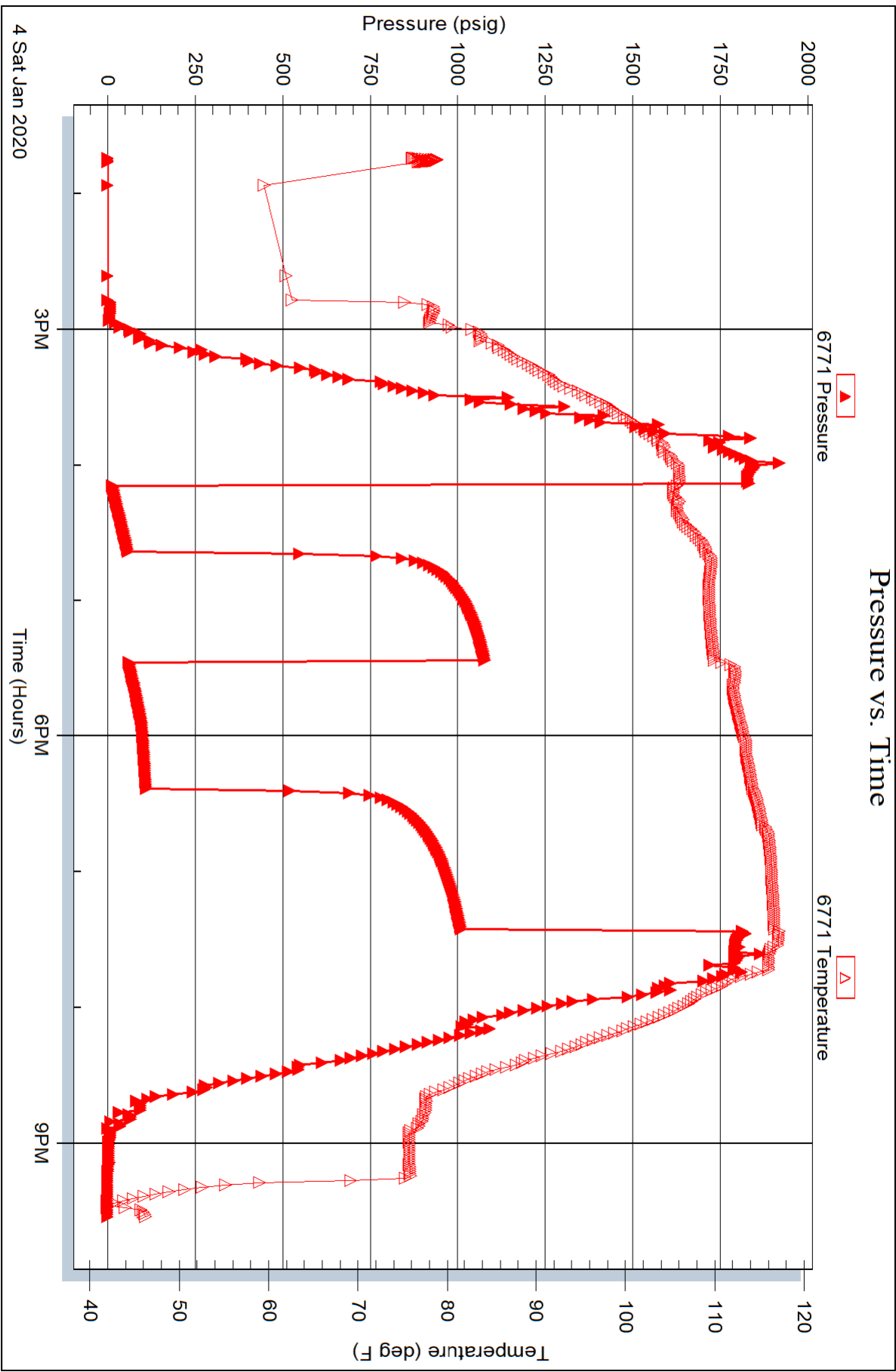
Serial #: 6771

Inside

Funk Petroleum, LLC

3KO#1-5

DST Test Number: 1





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Funk Petroleum, LLC

**5-7S-34W Thomas, KS**

2110 N. 1184th St.  
Eudora, KS 66025

**3KO #1-5**

Job Ticket: 66205

**DST#: 2**

ATTN: Thomas Funk

Test Start: 2020.01.07 @ 04:37:27

## GENERAL INFORMATION:

Formation: **Pawnee- Myrick Stati**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:44:03

Time Test Ended: 12:54:33

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

Interval: **4482.00 ft (KB) To 4568.00 ft (KB) (TVD)**

Reference Elevations: 3208.00 ft (KB)

Total Depth: 4568.00 ft (KB) (TVD)

3203.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8700 Outside**

Press@RunDepth: 22.52 psig @ 4483.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2020.01.07 End Date: 2020.01.07

Last Calib.: 2020.01.07

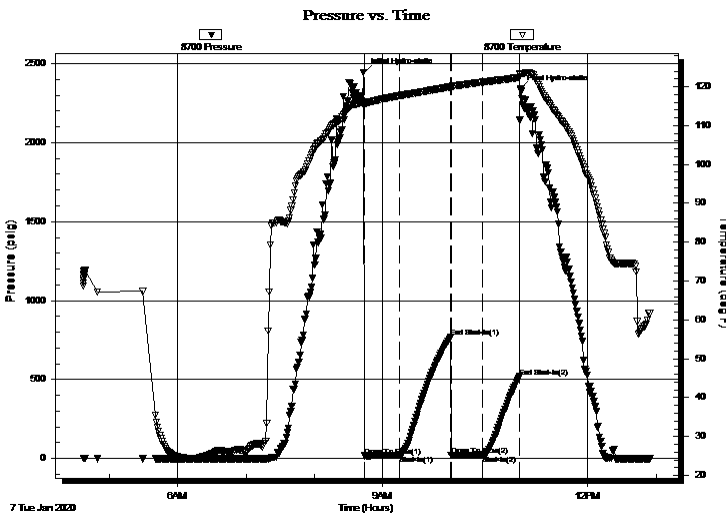
Start Time: 04:37:28 End Time: 12:54:33

Time On Btm: 2020.01.07 @ 08:43:33

Time Off Btm: 2020.01.07 @ 11:01:03

TEST COMMENT: 30- IF- 3/4" blow  
45- IS- No blow  
30- FF- No blow  
30- FSI- No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2442.73	116.00	Initial Hydro-static
1	16.38	115.31	Open To Flow (1)
31	19.74	117.68	Shut-In(1)
76	769.10	119.98	End Shut-In(1)
77	21.27	119.89	Open To Flow (2)
104	22.52	121.18	Shut-In(2)
137	517.86	122.37	End Shut-In(2)
138	2339.76	123.13	Final Hydro-static

## Recovery

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

## Gas Rates

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

\* Recovery from multiple tests





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Funk Petroleum, LLC

**5-7S-34W Thomas, KS**

2110 N. 1184th St.  
Eudora, KS 66025

**3KO #1-5**

Job Ticket: 66205

**DST#: 2**

ATTN: Thomas Funk

Test Start: 2020.01.07 @ 04:37:27

### 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: 71.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

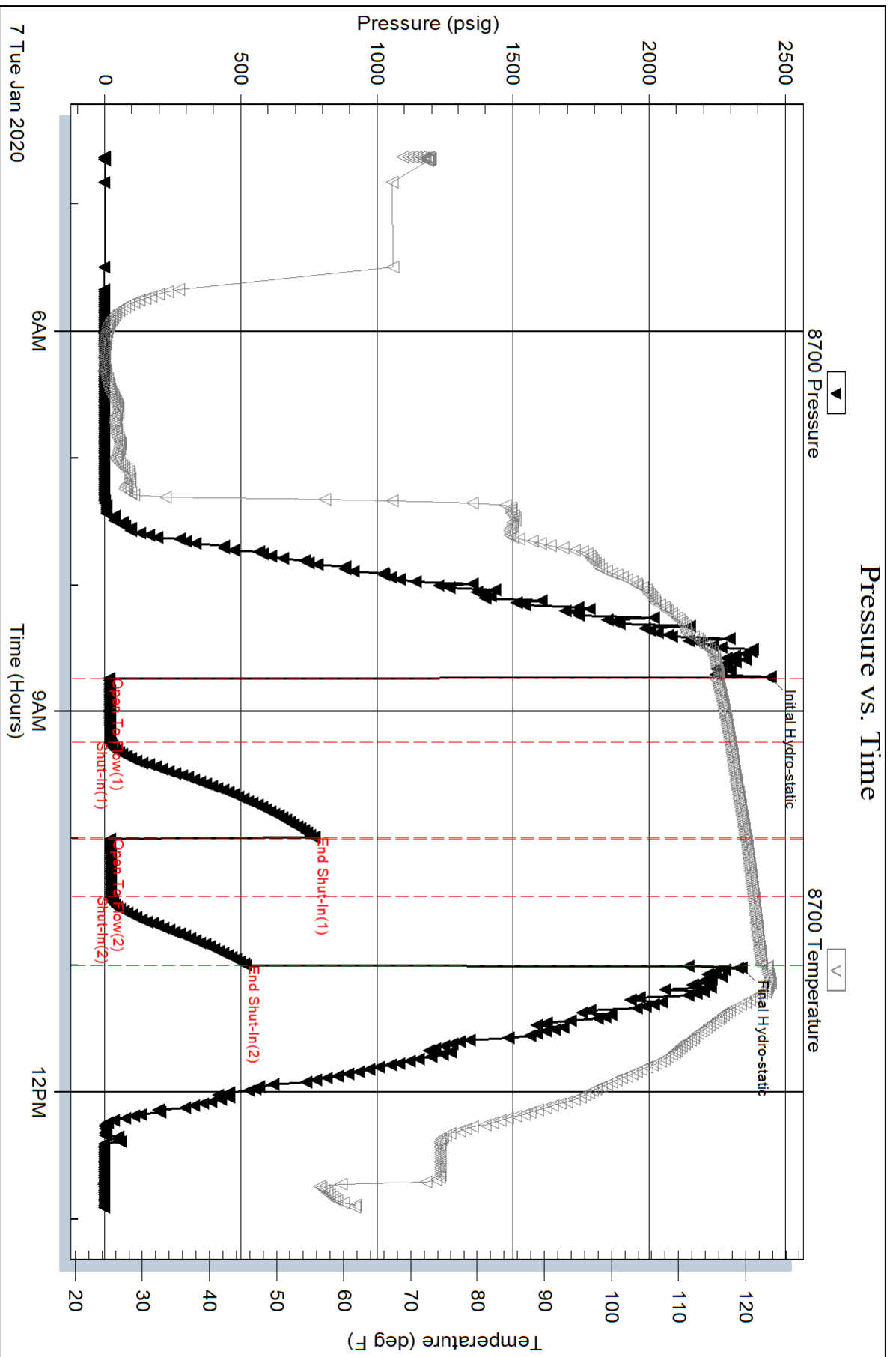
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







Thomas J. Funk  
Petroleum Geologist

**Geologists Report**  
**Drilling Time and Sample Log**

OPERATOR Funk Petroleum, LLC

LEASE 3KO WELL NO #1-5

FIELD Wildcat API 15-193-21069

LOCATION 1783' FNL & 335' FEL

SEC. 5 TWP. 7S RGE. 34W

COUNTY Thomas STATE Kansas

CONTRACTOR Murfin Drig Co Rig #7  
COMM 12/31/2019 COMP 1/8/2020  
RTD 4/780 LOG TD 4/782

SAMPLES SAVED FROM 3700 TO 4780  
DRILLING TIME KEPT FROM 3700 TO 4780  
SAMPLES EXAMINED FROM 3700 TO 4780  
GEOLOGICAL SUPERVISION FROM 3800 TO 4780  
MUD UP 3250 TYPE MUD Chemical

FORMATION LOG SAMPLE  
Anhydrite 2838 (+370) 2839 (+369)  
Bariumhydrite 2871 (+337) 2872 (+336)  
Tropacka 3852 (-644) 3853 (-647)  
Heebner Sh 4088 (-880) 4087 (-879)  
Lansing 4132 (-924) 4129 (-921)  
Munroe Creek 4249 (-1041) 4249 (-1041)  
Start Sh 4328 (-1120) 4329 (-1121)  
Marmaton 4408 (-1200) 4406 (-1198)  
Pawnee 4514 (-1306) 4510 (-1302)  
Cherokee Sh 4601 (-1392) 4599 (-1391)  
Mississippi 4699 (-1491) 4699 (-1491)

ELECTRICAL SURVEYS  
Log-Tech DIL MEL  
DUQP BHCS

CASING RECORD  
SURFACE 8 5/8" at 348' KB w/2005x

PRODUCTION  
None

ELEVATION 3208'

KB 3208'  
DF  
GL 3203'  
Measurements Are All From KB

NO. Stret. Make Type Design Out Feet Hours  
1/231/19 Spud 1 12 1/4 HTC M/LC 348 348 4.0  
1/2/20 1790' 2 7 7/8 HTC T506F 3601 3263 45.5  
1/3/20 3330' 3 7 7/8 HTC GX20c 4780 1179 121.0  
1/4/20 3794'  
1/5/20 3977'  
1/6/20 4356'  
1/7/20 4568'  
1/8/20 4751'  
1/9/20 4780' TD

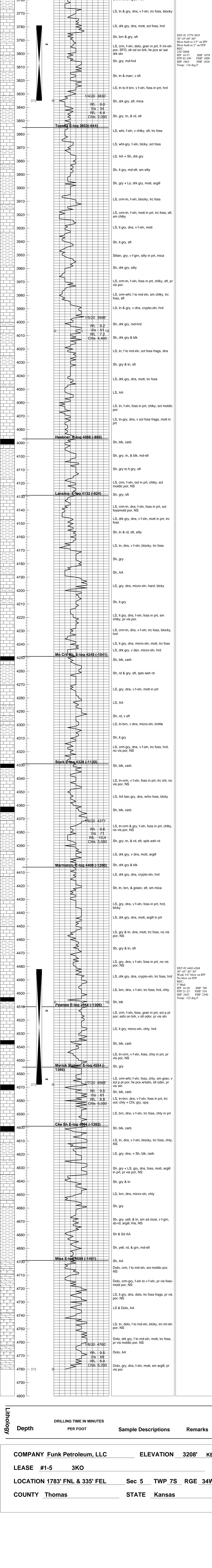
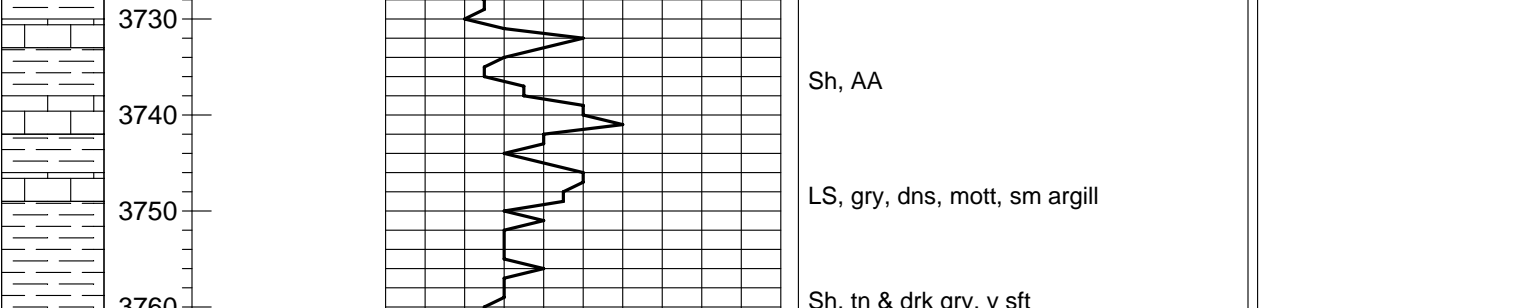
Remarks And Recommendations:  
Based on sample examination, DST results, and log analysis  
It was recommended to plug and abandon the #1-5 3KO.  
Thomas Funk  
Petroleum Geologist

Daily Progress

Date	Spud	NO. Stret.	Make	Type	Design	Out	Feet	Hours
1/231/19	Spud	1	12 1/4 HTC	M/LC		348	348	4.0
1/2/20	1790'	2	7 7/8 HTC	T506F		3601	3263	45.5
1/3/20	3330'	3	7 7/8 HTC	GX20c		4780	1179	121.0
1/4/20	3794'							
1/5/20	3977'							
1/6/20	4356'							
1/7/20	4568'							
1/8/20	4751'							
1/9/20	4780' TD							

Remarks And Recommendations:  
Based on sample examination, DST results, and log analysis  
It was recommended to plug and abandon the #1-5 3KO.  
Thomas Funk  
Petroleum Geologist

**LEGEND**



COMPANY Funk Petroleum, LLC ELEVATION 3208' KB  
LEASE #1-5 3KO  
LOCATION 1783' FNL & 335' FEL Sec 5 TWP 7S RGE 34W  
COUNTY Thomas STATE Kansas