

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	Bowman, William F. dba The Bill Bowman Oil Company
Well Name	BAKER A 1
Doc ID	1533824

Tops

Name	Top	Datum
Anhydrite Top	2507	+325
Anhydrite Base	2544	-288
Howard	3628	-796
Heebner	3924	-1092
Toronto	3948	-1116
Lasing-Kansas City	3966	-1134
Base Kansas City	4206	-1374
RTD	4265	-1433

JERRY GREEN
CONSULTING GEOLOGIST

4350 Keystone Rd
Lawrence, KS 67501
PHONE: 785-625-5155

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY: **BILL BOWMAN OIL**
LEASE: **BAKER A#1**

FIELD: **WC.**
LOCATION: **C-NE/4**

SEC 16 TWP 8S RGE 29W
COUNTY: **SHER.** STATE: **KS.**

CONTRACTOR: **WHITE KNIGHT**
SPUD: **9-29-20** OMP: **10-5-20**
RTD: **4265** LTD: **4264**

MUD UP: **3300'** TYPE MUD: **CHEM.**
SAMPLES SAVED FROM: **3300'** TO **TD.**
DRILLING TIME KEPT FROM: **3300'** TO **TD.**
SAMPLES EXAMINED FROM: **3300'** TO **TD.**

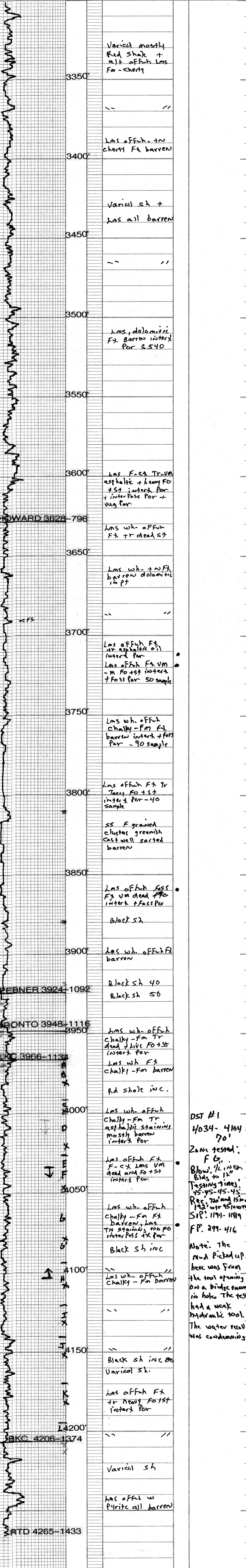
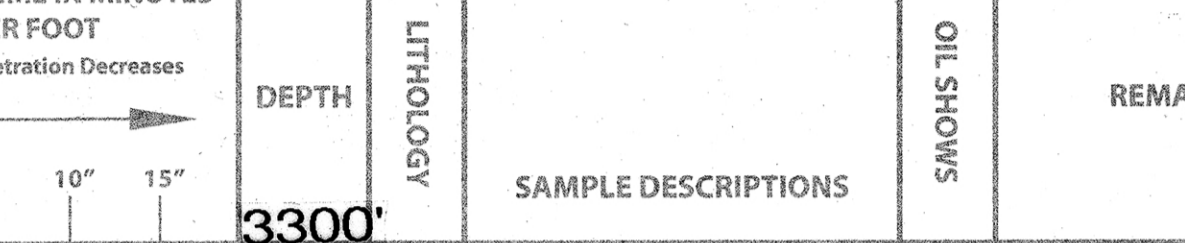
GEOLOGICAL SUPERVISION FROM: **3300'** TO **TD.**
GEOLOGIST ON WELL: **3RD-5TH**

FORMATION TOPS	LOG	SAMPLES
ANHY.	2504-328	2507-325
HOWARD	3624-792	3628-796
FEBNER	3922-1090	3924-1092
TORONTO	3948-1114	3948-1116
LKC.	3962-1130	3966-1134
BKC.	4202-1370	4206-1374
RTD	4264-1432	4265-1433

ELEVATIONS
KB 2832

REMARKS
This well ran structurally high and calculated in the F+G zones in the LKC using the normal RW used in Sheridan Co KS. The water on DST #1 below was almost fresh causing the RW to be wrong. All parties recommended that we plug. respectfully,
[Signature]

LEGEND



DST #1
4034-4164
70'
Zone tested:
F G,
Blow: 1/2 inch
Blow to 12"
Testing times:
45-45-45-45
Rec: 720 and 1500
192' wtr 950 wtr
SIP: 1191-1189
FP: 299-416
Note: The mud picked up here was from the tool opening on a bridge running in hole. The tester had a weak hydraulic tool. The water recd. was condemning.

FRANKS Oilfield Service

♦ 815 Main Street Victoria, KS 67671 ♦ 24 Hour Phone (785) 639-7269
 ♦ Office Phone (785) 639-3949 ♦ Email: franksoilfield@yahoo.com

TICKET NUMBER 0217

LOCATION Horio KS

FOREMAN Miles Shaw

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1/28/20		Raker-A #1	10	8S	29W	Shawnee

TRUCK #	DRIVER	TRUCK #	DRIVER
101	MILRS		
102	JAUNT		

CITY	STATE	ZIP CODE

JOB TYPE Surface HOLE SIZE 12.25" HOLE DEPTH 298 CASING SIZE & WEIGHT 8.5" 24#
 CASING DEPTH 296 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.7 SLURRY VOL 1.4 WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 17.5 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting & Rig upon White Knight drilling Circulate
Loss mix 200 sk Class A 38 cc 28 gal displ 17.5 bbls
Water Shut in Cement did Circulate 350s total

Thanks Miles + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PC007	1	PUMP CHARGE	1150.00	1150.00
M001	10	MILEAGE	6.50	65.00
M003	9.9 Tons	Class A 38 cc 28 gal	60.00	600.00
C004	200 sk	Class A 38 cc 28 gal	24.50	4900.00
			Subtotal	6715.00
			less BSO disc	2350.25
			Subtotal	4364.75
			SALES TAX	270.73
			ESTIMATED TOTAL	4,635.48

AUTHORIZATION Terry Cluster

TITLE _____ 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.

FRANKS Oilfield Service

15 Main Street Victoria, KS 67671 ♦ 24 Hour Phone (785) 639-7269
 Office Phone (785) 639-3949 ♦ Email: franksoilfield@yahoo.com

TICKET NUMBER 0220
 LOCATION Hoxie, KS
 FOREMAN Miles Staud

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10/15/20		Baker A #1	16	8 S	24 W	Shawnee
CUSTOMER Bill Bowman oil co			TRUCK #		DRIVER	
MAILING ADDRESS			181		Miles S	
CITY					Proton D	
STATE						
ZIP CODE						

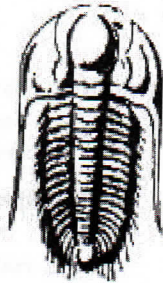
JOB TYPE PTA HOLE SIZE 7 7/8" HOLE DEPTH 4265' CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4.5" TUBING _____ OTHER _____
 SLURRY WEIGHT 13.7 SLURRY VOL 1.4 WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting and Rig up on White Knight drilling plug as ordered
1 plug 5054 @ 2525'
2 plugs - 1035 @ 1530'
3 plugs 5054 @ 300'
1 plug 1035 @ 40' with plug @ 40'
30 size BH
2405x6054 4054 7/8" PLG

Thanks Miles & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
P1002	1	PUMP CHARGE	1150. ⁰⁰	1150. ⁰⁰
M001	10	MILEAGE	6.50	65. ⁰⁰
M003	10.68 Tons	Tons Mitsuboshi delivery	100. ⁰⁰	600. ⁰⁰
C010	240 SK	6054 4054 7/8" PLG	16.25	3900. ⁰⁰
FE054	1	8 5/8 Cement plug	165. ⁰⁰	165. ⁰⁰
			Subtotal	5890. ⁰⁰
			1255 350 ⁰⁰ disc	2050. ⁰⁰
			Subtotal	3922. ⁰⁰
			SALES TAX	224.59
			ESTIMATED TOTAL	4046.59

AUTHORIZATION [Signature] TITLE _____ 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.**

DRILL STEM TEST REPORT

Prepared For: **Bill Bowman Oil Co.**

2640 W Rd.
Natoma KS 67651

ATTN: Jerry Green

Baker A #1

16-8s-29w Sheridan,KS

Start Date: 2020.10.04 @ 16:15:00

End Date: 2020.10.05 @ 02:04:30

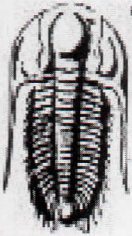
Job Ticket #: 66675 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2020.10.05 @ 11:51:47



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Bill Bowman Oil Co.

16-8s-29w Sheridan, KS

2640 W Rd.
Natoma KS 67651

Baker A #1

Job Ticket: 66675

DST#: 1

ATTN: Jerry Green

Test Start: 2020.10.04 @ 16:15:00

GENERAL INFORMATION:

Formation: **LKC " F - G "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:18:50

Time Test Ended: 02:04:30

Test Type: Conventional Straddle (Initial)

Tester: Ryan Nichols

Unit No: 71

Interval: 4034.00 ft (KB) To 4104.00 ft (KB) (TVD)

Total Depth: 4265.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2832.00 ft (KB)

2827.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8366

Outside

Press@RunDepth: 415.55 psig @ 4035.00 ft (KB)

Start Date: 2020.10.04

End Date: 2020.10.05

Start Time: 16:15:01

End Time: 02:04:30

Capacity: 8000.00 psig

Last Calib.: 2020.10.05

Time On Btm: 2020.10.04 @ 20:18:40

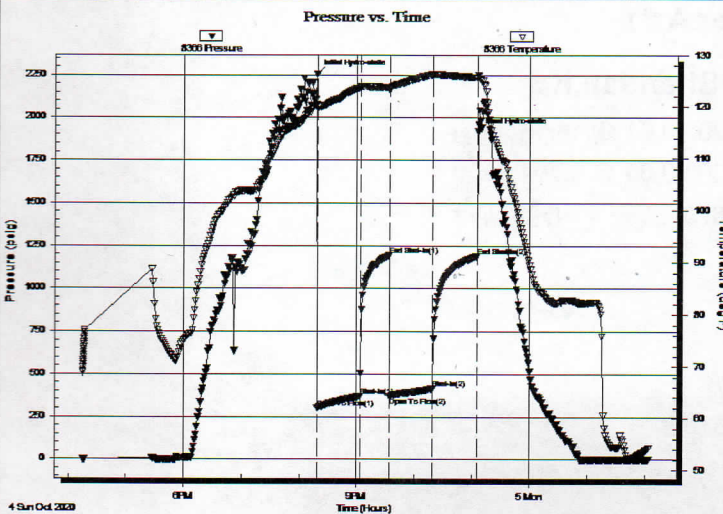
Time Off Btm: 2020.10.04 @ 23:06:20

TEST COMMENT: 45 IF - Surface blow built to BoB @ 28 1/2 mins

30 ISI - No return

45 FF - Surface blow started @ 1 1/2 mins built to BoB @ 40 mins

45 FSI - No return



PRESSURE SUMMARY

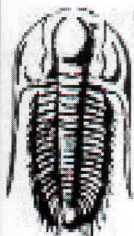
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2254.57	120.44	Initial Hydro-static
1	298.94	119.52	Open To Flow (1)
45	370.55	123.78	Shut-In(1)
76	1194.01	123.76	End Shut-In(1)
76	365.90	123.23	Open To Flow (2)
121	415.55	126.18	Shut-In(2)
167	1189.24	125.62	End Shut-In(2)
168	1917.03	126.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
192.00	M CW - 5% M - 95% W	2.69
640.00	W CM - 10% W - 90% M	8.98
64.00	W CM - 20% W - 80% M	0.90

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Bill Bowman Oil Co.

16-8s-29w Sheridan,KS

2640 W Rd.
Natoma KS 67651

Baker A #1

Job Ticket: 66675

DST#: 1

ATTN: Jerry Green

Test Start: 2020.10.04 @ 16:15:00

GENERAL INFORMATION:

Formation: LKC "F - G"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:18:50

Time Test Ended: 02:04:30

Test Type: Conventional Straddle (Initial)

Tester: Ryan Nichols

Unit No: 71

Interval: 4034.00 ft (KB) To 4104.00 ft (KB) (TVD)

Total Depth: 4265.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2832.00 ft (KB)

2827.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8353 Inside

Press@RunDepth: psig @ 4035.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2020.10.04 End Date: 2020.10.05

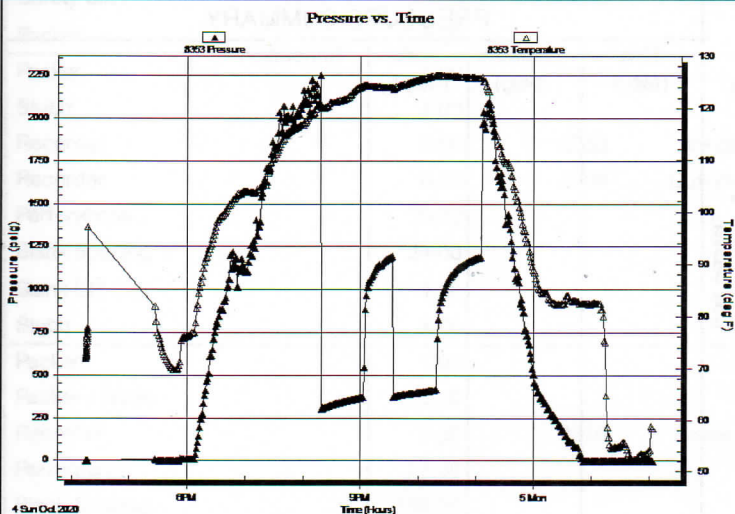
Last Calib.: 2020.10.05

Start Time: 16:15:01 End Time: 02:04:19

Time On Btm:

Time Off Btm:

TEST COMMENT: 45 IF - Surface blow built to BoB @ 28 1/2 mins
30 ISI - No return
45 FF - Surface blow started @ 1 1/2 mins built to BoB @ 40 mins
45 FSI - No return



PRESSURE SUMMARY

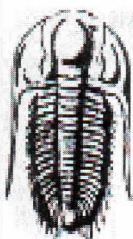
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
192.00	MCW - 5%M - 95%W	2.69
640.00	WCM - 10%W - 90%M	8.98
64.00	WCM - 20%W - 80%M	0.90

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Bill Bowman Oil Co.

2640 W Rd.
Natoma KS 67651

ATTN: Jerry Green

16-8s-29w Sheridan, KS

Baker A #1

Job Ticket: 66675

DST#: 1

Test Start: 2020.10.04 @ 16:15:00

GENERAL INFORMATION:

Formation: **LKC "F - G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:18:50

Time Test Ended: 02:04:30

Test Type: Conventional Straddle (Initial)

Tester: Ryan Nichols

Unit No: 71

Interval: **4034.00 ft (KB) To 4104.00 ft (KB) (TVD)**

Total Depth: 4265.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2832.00 ft (KB)

2827.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8676 Below (Straddle)

Press@RunDepth: psig @ 4105.00 ft (KB)

Start Date: 2020.10.04 End Date: 2020.10.05

Start Time: 16:15:01 End Time: 02:02:40

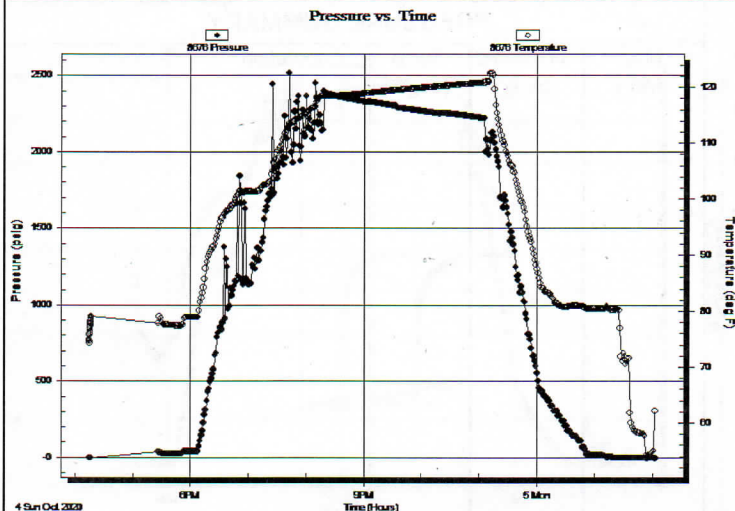
Capacity: 8000.00 psig

Last Calib.: 2020.10.05

Time On Btm:

Time Off Btm:

TEST COMMENT: 45 IF - Surface blow built to BoB @ 28 1/2 mins
30 ISI - No return
45 FF - Surface blow started @ 1 1/2 mins built to BoB @ 40 mins
45 FSI - No return



PRESSURE SUMMARY

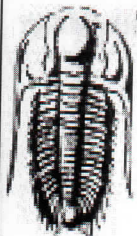
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
192.00	MCW - 5%M - 95%W	2.69
640.00	WCM - 10%W - 90%M	8.98
64.00	WCM - 20%W - 80%M	0.90

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bill Bowman Oil Co.

16-8s-29w Sheridan, KS

2640 W Rd.
Natoma KS 67651

Baker A #1

Job Ticket: 66675

DST#: 1

ATTN: Jerry Green

Test Start: 2020.10.04 @ 16:15:00

Tool Information

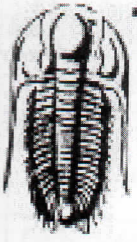
Drill Pipe:	Length: 4028.00 ft	Diameter: 3.80 inches	Volume: 56.50 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 56.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4034.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	4104.00 ft			
Interval between Packers:	70.00 ft			
Tool Length:	259.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Shut In Tool	5.00			4011.00	
Hydraulic tool	5.00			4016.00	
Jars	5.00			4021.00	
Safety Joint	3.00			4024.00	
Packer	5.00			4029.00	28.00 Bottom Of Top Packer
Packer	5.00			4034.00	
Stubb	1.00			4035.00	
Recorder	0.00	8353	Inside	4035.00	
Recorder	0.00	8366	Outside	4035.00	
Perforations	30.00			4065.00	
Blank Spacing	34.00			4099.00	
Blank Off Sub	1.00			4100.00	
Stubb	4.00			4104.00	70.00 Tool Interval
Packer	1.00			4105.00	
Packer - Shale	0.00			4105.00	
Recorder	0.00	8676	Below	4105.00	
Perforations	27.00			4132.00	
Blank Spacing	130.00			4262.00	
Bullnose	3.00			4265.00	161.00 Bottom Packers & Anchor
Total Tool Length:	259.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Bill Bowman Oil Co.

16-8s-29w Sheridan, KS

2640 W Rd.
Natoma KS 67651

Baker A #1

Job Ticket: 66675

DST#: 1

ATTN: Jerry Green

Test Start: 2020.10.04 @ 16:15:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 62.00 sec/qt
Water Loss: 7.98 in³
Resistivity: ohm.m
Salinity: 1300.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 37000 ppm

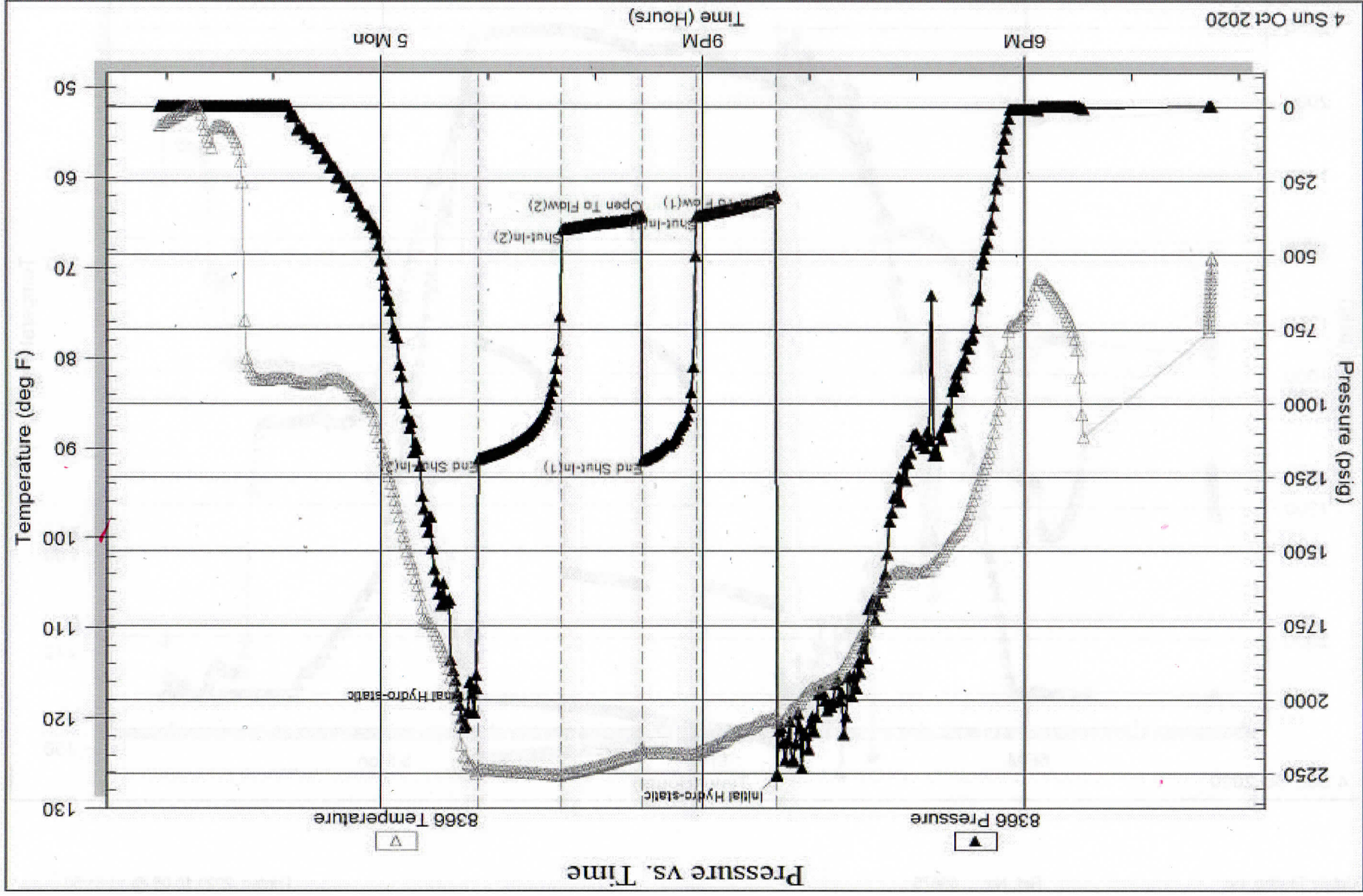
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
192.00	MCW - 5%M - 95%W	2.693
640.00	WCM - 10%W - 90%M	8.978
64.00	WCM - 20%W - 80%M	0.898

Total Length: 896.00 ft Total Volume: 12.569 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW = .236 @ 50 DEG F

Per PHIL BENEDICK,
THE KC CHLORIDES GENERALLY RANGE
FROM 70,000 TO 110,000.
HENCE, BUTCH DRYLE'S COMMENT THAT WE
WERE TWICE AS WET (Sec log - RW) IS
REASONABLE.
 $37,000 \times 2 = \underline{74,000}$



Serial #: 8353

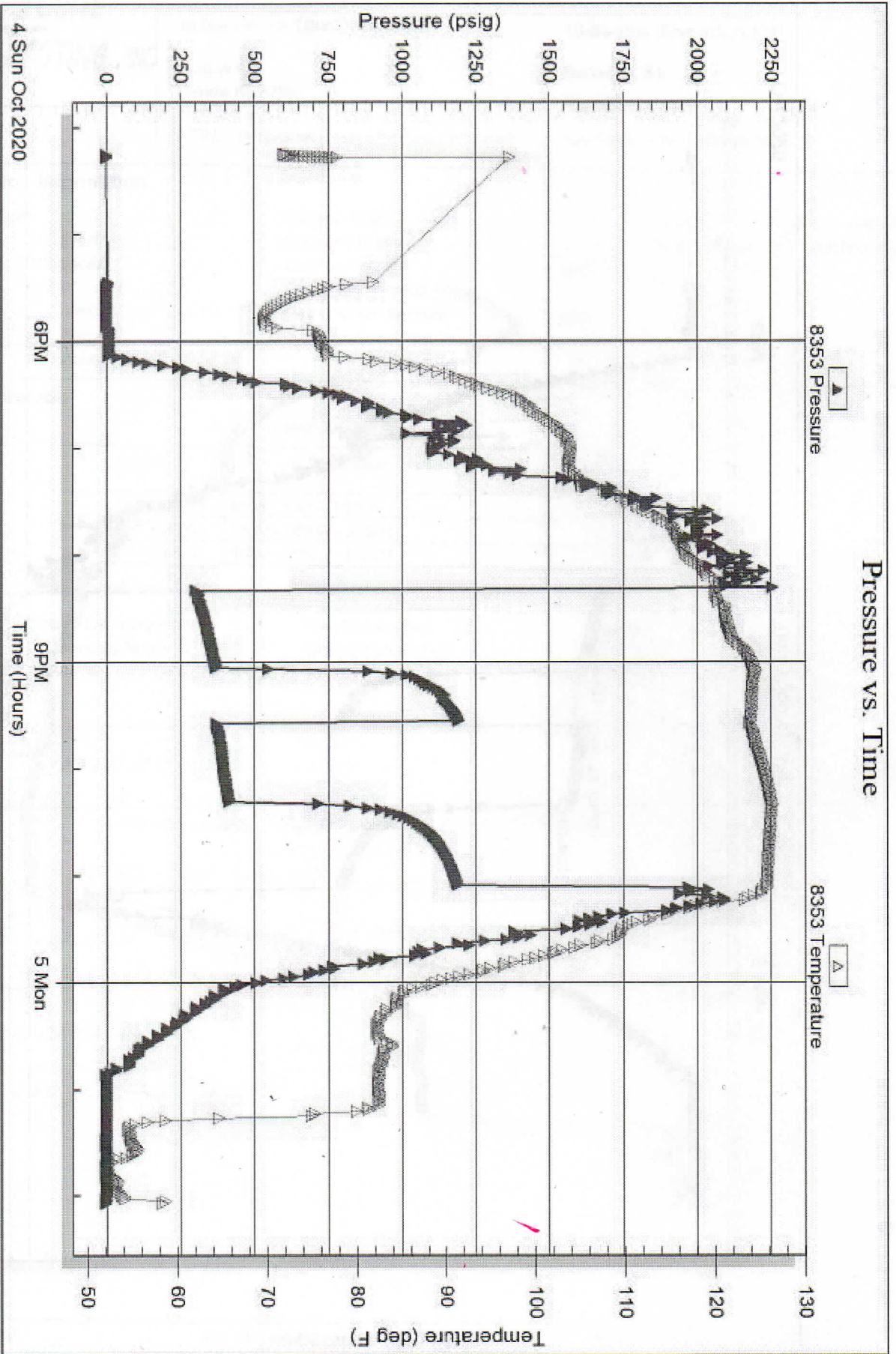
Inside

Bill Bowman Oil Co.

Baker A #1

DST Test Number: 1

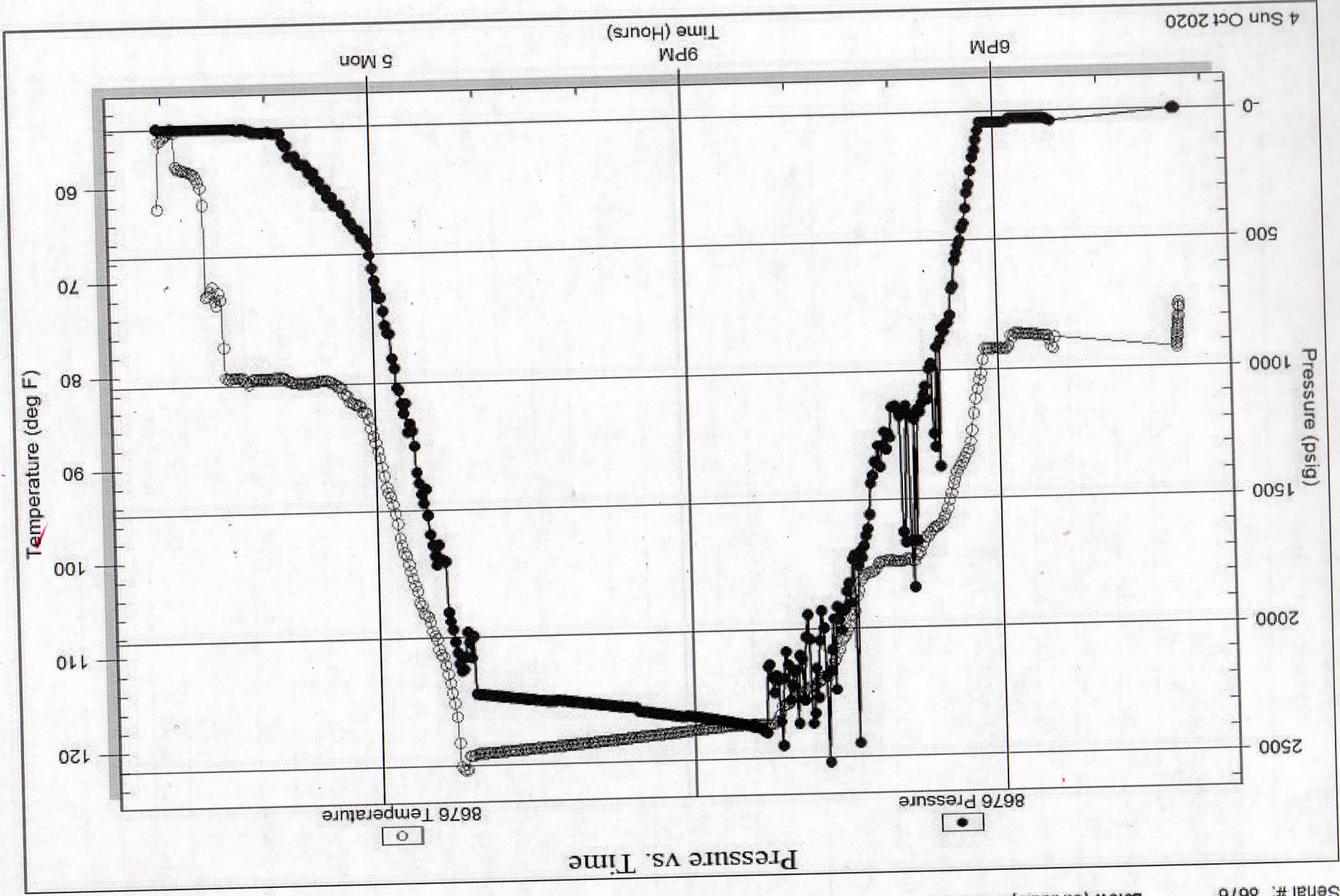
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 66675

Printed: 2020.10.05 @ 11:51:50



Serial #: 8676

Below (Stratton) Oil Co.

Baker A #1

DST Test Number: 1

4 Sun Oct 2020

Time (Hours)

6PM

9PM

5 Mon

Temperature (deg F)

Pressure (psig)

Ref. No: 66675

Trioble Testing, Inc

Printed: 2020.10.05 @ 11:51:50



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 66675

NO.

Well Name & No. Baker A #1 Test No. 1 Date 10/4/20
 Company Bowman Oil Co. Elevation 2827 KB 2832 GL
 Address 2640 W Rd. Natoma KS 67651
 Co. Rep / Geo. Jerry Green Rig White Knight
 Location: Sec. 16 Twp 8S Rge. 29W Co. Sheridan State KS

Interval Tested 4034 - 4104 Zone Tested LKC "F-G"
 Anchor Length 70' Drill Pipe Run 4028' Mud Wt. 9.4
 Top Packer Depth ~~1840~~ 4029 / 4034 Drill Collars Run 0' Vis 62
 Bottom Packer Depth 4104 (shale) Wt. Pipe Run 0' WL 8.0
 Total Depth 4265 Chlorides 1300 ppm System LCM 1

Blow Description 45 FF - Surface blow built to BoB @ 28 1/2 mins
30 ISI - No return
45 FF - Surface blow @ 1 1/2 mins built to BoB @ 40 mins
45 FSI - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>64</u>	<u>WCM</u>		<u>20</u>	<u>80</u>	
<u>640</u>	<u>WCM</u>		<u>10</u>	<u>90</u>	
<u>192'</u>	<u>MCW</u>		<u>95</u>	<u>5</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 896' BHT 126° Gravity — API RW 1.236 @ 50° F Chlorides 37000 ppm

(A) Initial Hydrostatic 2255
 (B) First Initial Flow 299
 (C) First Final Flow 371
 (D) Initial Shut-In 1194
 (E) Second Initial Flow 366
 (F) Second Final Flow 416
 (G) Final Shut-In 1189
 (H) Final Hydrostatic 1917

Test 1300
 Jars 250
 Safety Joint 75
 Circ Sub
 Hourly Standby
 Mileage 100 100 R9
 Sampler
 Straddle 600
 Shale Packer 250
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility
 Sub Total 2575

T-On Location 16:15
 T-Started 16:15
 T-Open 20:18
 T-Pulled 23:05
 T-Out 02:00
 Comments _____
 EM Tool
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 2575
 MP/DST Disc't _____

Initial Open 45
 Initial Shut-In 30
 Final Flow 45
 Final Shut-In 45

Approved By _____ Our Representative Ry 2 Mills

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