

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
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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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REMIT TO

QES Pressure Pumping LLC  
 Dept:970  
 P.O.Box 4346  
 Houston, TX 77210-4346

MAIN OFFICE

P.O.Box884  
 Chanute,KS 66720  
 620/431-9210,1-800/467-8676  
 Fax 620/431-0012

Invoice

Invoice#

900719

Invoice Date: 04/16/19

Terms: Net 30

Page 1

CHIZUM OIL LLC

P.O. Box 75615  
 Wichita KS 67275  
 USA  
 316-253-9696

GASKILL #2-35

*1912  
6/14/19*

Tax: 360.00

Total: 6,553.80

Amount Due 8,738.40 If paid after 05/16/19



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

100393  
 40052

TICKET NUMBER 56098  
 LOCATION Oakley, KS  
 FOREMAN Walt Dunkel

FIELD TICKET & TREATMENT REPORT  
 CEMENT

Invoice #900719

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
4-10-19	C 88	baskill #2-35	35	75	394	Thomas	
CUSTOMER Chizom		Brewster		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. BOX 75615		24 torel		731	Cory Davis		
CITY Wichita		5, 2 1/2 W		528-T129	Neil White - Xavier Colby		
STATE KS		ZIP CODE 67275		1098	Walt Dunkel		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 345' CASING SIZE & WEIGHT 8 5/8 - 24 #  
 CASING DEPTH 345' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 15.2 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 15 - 20'  
 DISPLACEMENT 20 3/4 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 Bpm

REMARKS: Safety Meeting. Rig up on WW #10, Circ. casing on bottom  
Mix 250-SKs com 3% cc - 2% gel, Displace 22 BBL H2O, Shut in  
Cement Did Circ

Thank You  
 Walt + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
C00471	1	PUMP CHARGE	1,150.00	1,150.00
C00002	40	MILEAGE	7.15	286.00
C00710	11.75	Ten Mileage Delivery	1.25	822.40
CC5871	250 SKs	Surface Blank IT	24.00	6,000.00
				8,258.40
		disc - 25%		2,064.60
				6,193.80
		SALES TAX		300.00
		ESTIMATED TOTAL		6553.80

Walt Dunkel

RAVIN 3737 AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE 4-10-19

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.



REMIT TO  
 QES Pressure Pumping LLC  
 Dept:970  
 P.O.Box 4346  
 Houston, TX 77210-4346

MAIN OFFICE

P.O.Box884  
 Chanute, KS 66720  
 620/431-9210, 1-800/467-8676  
 Fax 620/431-0012

Invoice

Invoice#

900758

Invoice Date: 04/23/19

Terms: Net 30

Page 1

CHIZUM OIL LLC  
 P.O. Box 75615  
 Wichita KS 67275  
 USA  
 316-253-9696

GASKILL 2-25

1912  
 6/4/19

Part No	Description	Quantity	Discounted Unit Price	Discounted Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,125.0000	1,125.00
CE0002	Equipment Mileage Charge - Heavy Equipment	30.000	5.3625	160.88
CE0711	Minimum Cement Delivery Charge	1.000	495.0000	495.00
CC5829	Lite-Weight blend V (60:40:4)	240.000	12.0000	2,880.00
CC6075	Celloflake	60.000	2.2500	135.00
CP8228	8 5/8" Wooden Plug	1.000	123.7500	123.75
			SubTotal After Discount	4,919.63

Tax: 274.64  
 Total: 5,194.27

Amount Due 6,925.69 If paid after 05/23/19



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

1004260  
 410624

TICKET NUMBER 56106

LOCATION Galley, KS

FOREMAN Cory Davis

FIELD TICKET & TREATMENT REPORT  
 CEMENT

Invoice # 900758

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-19-19	C88	Baskill 2-35	35	73	37W	Sherman
CUSTOMER Chizom oil LLC			Brewster			
MAILING ADDRESS P.O. Box 75615			3-north			
CITY Wichita			2 1/2 W			
STATE KS			M.S.			
ZIP CODE 67275			TRUCK #	DRIVER	TRUCK #	DRIVER
			731	Neil White		
			70	Xavier Colby - Kateh Compton		
			703	Cory Davis		
			1098	Walt Dunkel		

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE 2 1/2 x H TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 BPM

REMARKS: Safety Meeting, Rig up on WW #10, Plus as ordered

- 50 SKS @ 3000'
- 100 SKS @ 2150'
- 50 SKS @ 400'
- 10 SKS @ 40'
- 30 SKS in R.H.
- 240 SKS 60/40 ppm, 4% Cel, 1/4" # Flo Seal

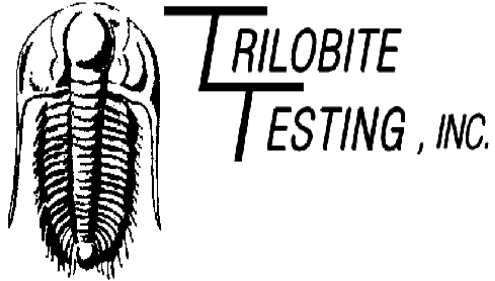
Thank You  
 Cory + crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
Ceo450	1	PUMP CHARGE	1,500.00	1,500.00
Ceo002	30	MILEAGE	7.15	214.50
Ceo711	10.32	Ton Mileage Delivery	1.75	660.00
CC5829	240 SKS	Lite-Weight Blend V	16.00	3,840.00
CC6075	60 #	Flo Seal	3.00	180.00
CP8228	1	8 5/8 <del>3/4" x 3/4"</del> Plug	165	165.00
				6,559.50
		Loss 25%		- 1,639.88
				4,919.62
			SALES TAX	274.04
			ESTIMATED TOTAL	5,194.27

Walt Dunkel

AUTHORIZATION: [Signature]

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



## DRILL STEM TEST REPORT

Prepared For: **Chizum Oil LLC**

PO Box 75615  
Wichita KS 67275

ATTN: Tim Priest

### **Gaskill #2-35**

#### **35-7s-37w Sherman,KS**

Start Date: 2019.04.15 @ 22:15:00

End Date: 2019.04.16 @ 03:54:00

Job Ticket #: 65531                      DST #: 1

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.04.19 @ 14:14:45





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Chizum Oil LLC

**35-7s-37w Sherman,KS**

PO Box 75615  
Wichita KS 67275

**Gaskill #2-35**

Job Ticket: 65531

**DST#: 1**

ATTN: Tim Priest

Test Start: 2019.04.15 @ 22:15:00

## GENERAL INFORMATION:

Formation: **Marmaton A & B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:04:00

Time Test Ended: 03:54:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Nichols

Unit No: 71

Interval: **4566.00 ft (KB) To 4625.00 ft (KB) (TVD)**

Reference Elevations: 3467.00 ft (KB)

Total Depth: 4625.00 ft (KB) (TVD)

3462.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8366 Outside**

Press@RunDepth: 16.19 psig @ 4567.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.04.15

End Date:

2019.04.16

Last Calib.: 2019.04.16

Start Time: 22:15:01

End Time:

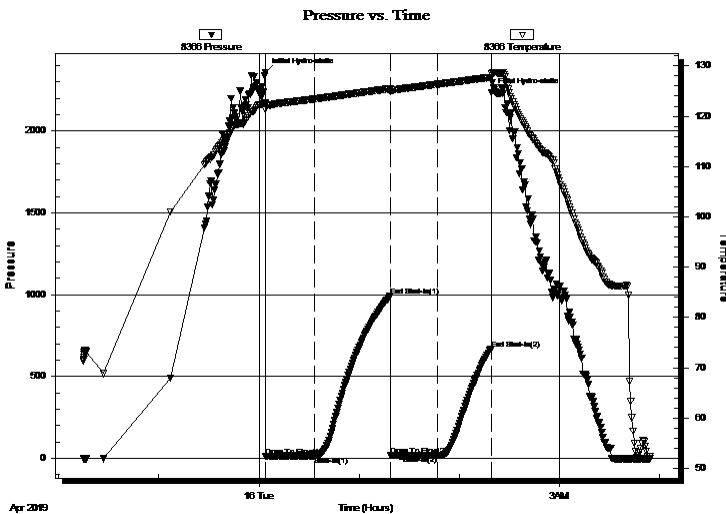
03:54:00

Time On Btm: 2019.04.16 @ 00:03:50

Time Off Btm: 2019.04.16 @ 02:19:20

TEST COMMENT: 30 IF - Blow built to 1"  
45 ISI - No return  
30 FF - No blow  
30 FSI - No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2359.00	122.63	Initial Hydro-static
1	13.13	121.28	Open To Flow (1)
30	13.94	123.45	Shut-In(1)
75	991.96	125.46	End Shut-In(1)
75	15.86	124.87	Open To Flow (2)
104	16.19	126.36	Shut-In(2)
136	666.90	127.72	End Shut-In(2)
136	2234.99	128.36	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud w ith oil spots 100%m	0.10

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Chizum Oil LLC

**35-7s-37w Sherman,KS**

PO Box 75615  
Wichita KS 67275

**Gaskill #2-35**

Job Ticket: 65531

**DST#: 1**

ATTN: Tim Priest

Test Start: 2019.04.15 @ 22:15:00

## Tool Information

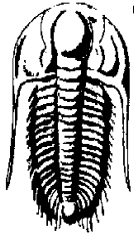
Drill Pipe:	Length: 4437.00 ft	Diameter: 3.80 inches	Volume: 62.24 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 127.00 ft	Diameter: 2.25 inches	Volume: 0.62 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 62.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4566.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	59.00 ft			
Tool Length:	79.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4551.00	
Hydraulic tool	5.00			4556.00	
Packer	5.00			4561.00	20.00 Bottom Of Top Packer
Packer	5.00			4566.00	
Packer - Shale	0.00			4566.00	
Stubb	1.00			4567.00	
Recorder	0.00	8353	Inside	4567.00	
Recorder	0.00	8366	Outside	4567.00	
Perforations	21.00			4588.00	
Blank Spacing	34.00			4622.00	
Bullnose	3.00			4625.00	59.00 Bottom Packers & Anchor

**Total Tool Length: 79.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Chizum Oil LLC

**35-7s-37w Sherman,KS**

PO Box 75615  
Wichita KS 67275

**Gaskill #2-35**

Job Ticket: 65531

**DST#: 1**

ATTN: Tim Priest

Test Start: 2019.04.15 @ 22:15:00

## 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:

ppm

Viscosity: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 11000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud with oil spots 100% <sub>m</sub>	0.098

Total Length: 20.00 ft      Total Volume: 0.098 bbl

Num Fluid Samples: 0

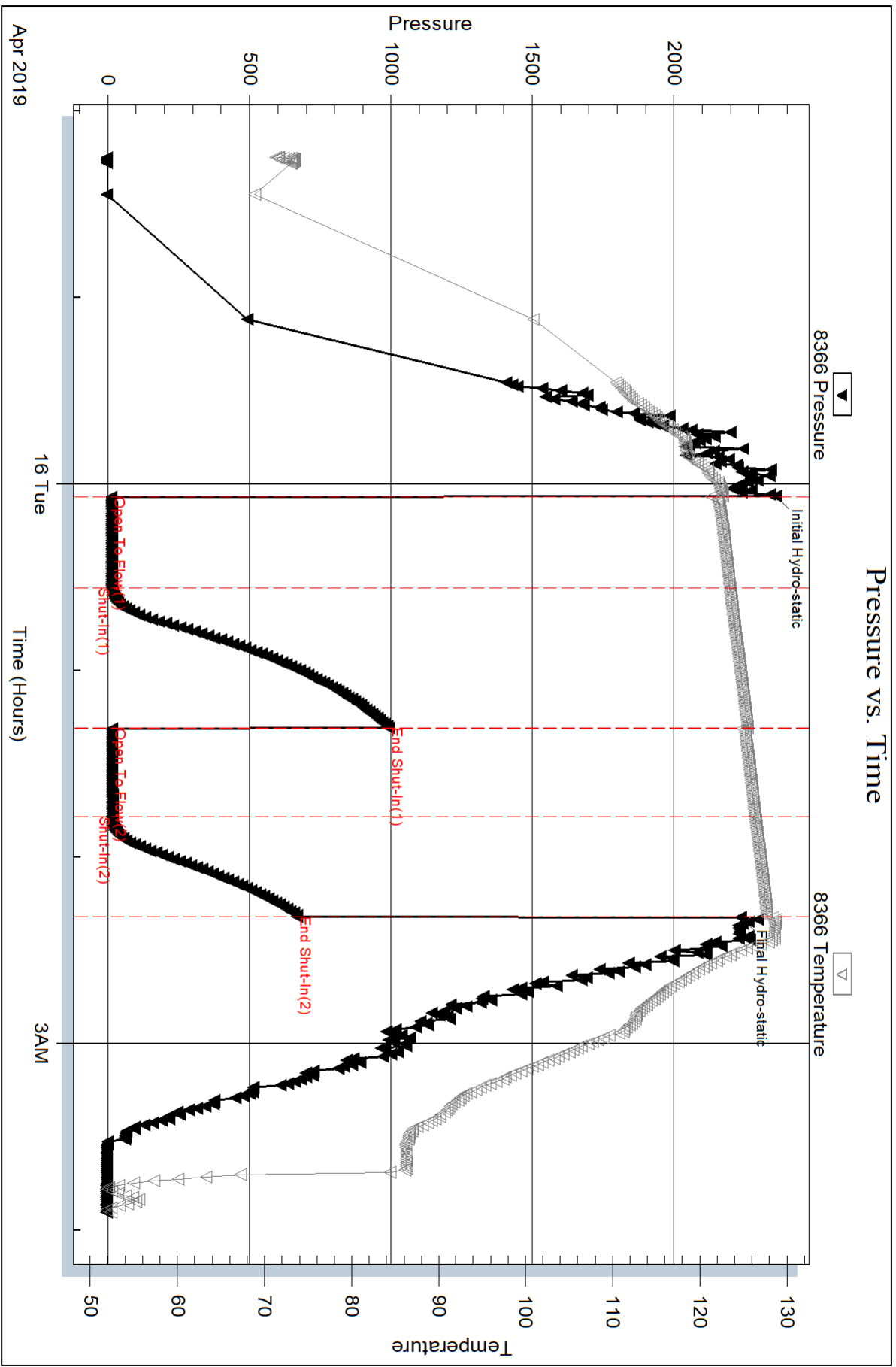
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



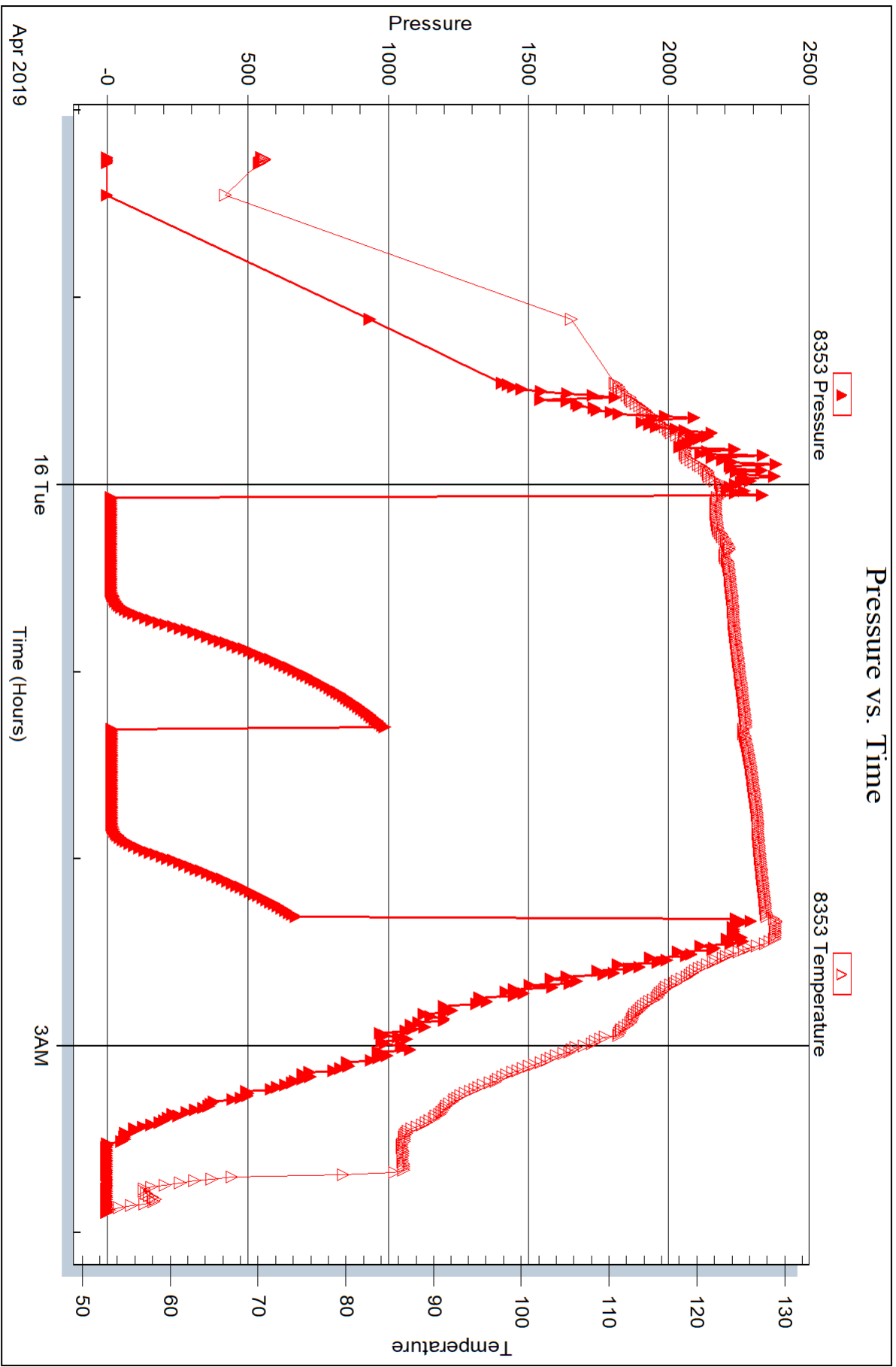
Serial #: 8353

Inside

Chizum Oil LLC

Gaskill #2-35

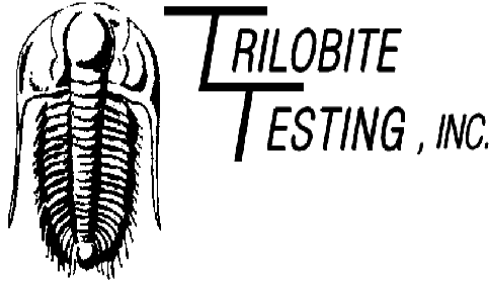
DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 65531

Printed: 2019.04.19 @ 14:14:46



## DRILL STEM TEST REPORT

Prepared For: **Chizum Oil LLC**

PO Box 75615  
Wichita KS 67275

ATTN: Tim Priest

### **Gaskill #2-35**

### **35-7s-37w Sherman,KS**

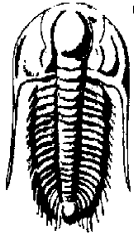
Start Date: 2019.04.16 @ 13:26:00

End Date: 2019.04.16 @ 21:00:39

Job Ticket #: 65532                      DST #: 2

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.04.19 @ 14:07:13



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Chizum Oil LLC

**35-7s-37w Sherman,KS**

PO Box 75615  
Wichita KS 67275

**Gaskill #2-35**

Job Ticket: 65532

**DST#: 2**

ATTN: Tim Priest

Test Start: 2019.04.16 @ 13:26:00

## GENERAL INFORMATION:

Formation: **Marmaton C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:24:30

Time Test Ended: 21:00:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Nichols

Unit No: 71

**Interval: 4613.00 ft (KB) To 4650.00 ft (KB) (TVD)**

Reference Elevations: 3467.00 ft (KB)

Total Depth: 4650.00 ft (KB) (TVD)

3462.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8366 Outside**

Press@RunDepth: 36.77 psig @ 4614.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.04.16

End Date:

2019.04.16

Last Calib.:

2019.04.16

Start Time: 13:26:01

End Time:

21:00:40

Time On Btm:

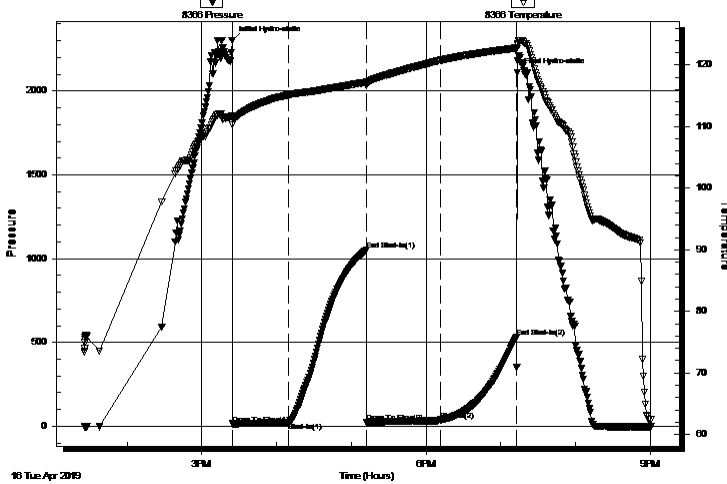
2019.04.16 @ 15:24:20

Time Off Btm:

2019.04.16 @ 19:13:20

**TEST COMMENT:** 45 IF - Blow built to 1"  
60 ISI - Surface blow return  
60 FF - Blow built to 1/4"  
60 FSI - No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2302.16	111.72	Initial Hydro-static
1	13.61	110.30	Open To Flow (1)
46	21.60	115.18	Shut-In(1)
108	1051.17	117.21	End Shut-In(1)
108	24.03	116.65	Open To Flow (2)
168	36.77	120.76	Shut-In(2)
229	528.77	122.78	End Shut-In(2)
229	2109.62	123.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM - 20%o - 80%M	0.15
20.00	FO - 100%o	0.10

Gas Rates

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

\* Recovery from multiple tests







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Chizum Oil LLC

**35-7s-37w Sherman,KS**

PO Box 75615  
Wichita KS 67275

**Gaskill #2-35**

Job Ticket: 65532

**DST#: 2**

ATTN: Tim Priest

Test Start: 2019.04.16 @ 13:26:00

## Tool Information

Drill Pipe:	Length: 4499.00 ft	Diameter: 3.80 inches	Volume: 63.11 bbl	Tool Weight: 1500.00 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: 127.00 ft	Diameter: 2.25 inches	Volume: 0.62 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 63.73 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4613.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	57.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4598.00	
Hydraulic tool	5.00			4603.00	
Packer	5.00			4608.00	20.00 Bottom Of Top Packer
Packer	5.00			4613.00	
Packer - Shale	0.00			4613.00	
Stubb	1.00			4614.00	
Recorder	0.00	8353	Inside	4614.00	
Recorder	0.00	8366	Outside	4614.00	
Perforations	33.00			4647.00	
Bullnose	3.00			4650.00	37.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>57.00</b>				



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Chizum Oil LLC

**35-7s-37w Sherman,KS**

PO Box 75615  
Wichita KS 67275

**Gaskill #2-35**

Job Ticket: 65532

**DST#: 2**

ATTN: Tim Priest

Test Start: 2019.04.16 @ 13:26:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

21 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 12000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OCM - 20%o - 80%M	0.148
20.00	FO - 100%o	0.098

Total Length: 50.00 ft      Total Volume: 0.246 bbl

Num Fluid Samples: 0

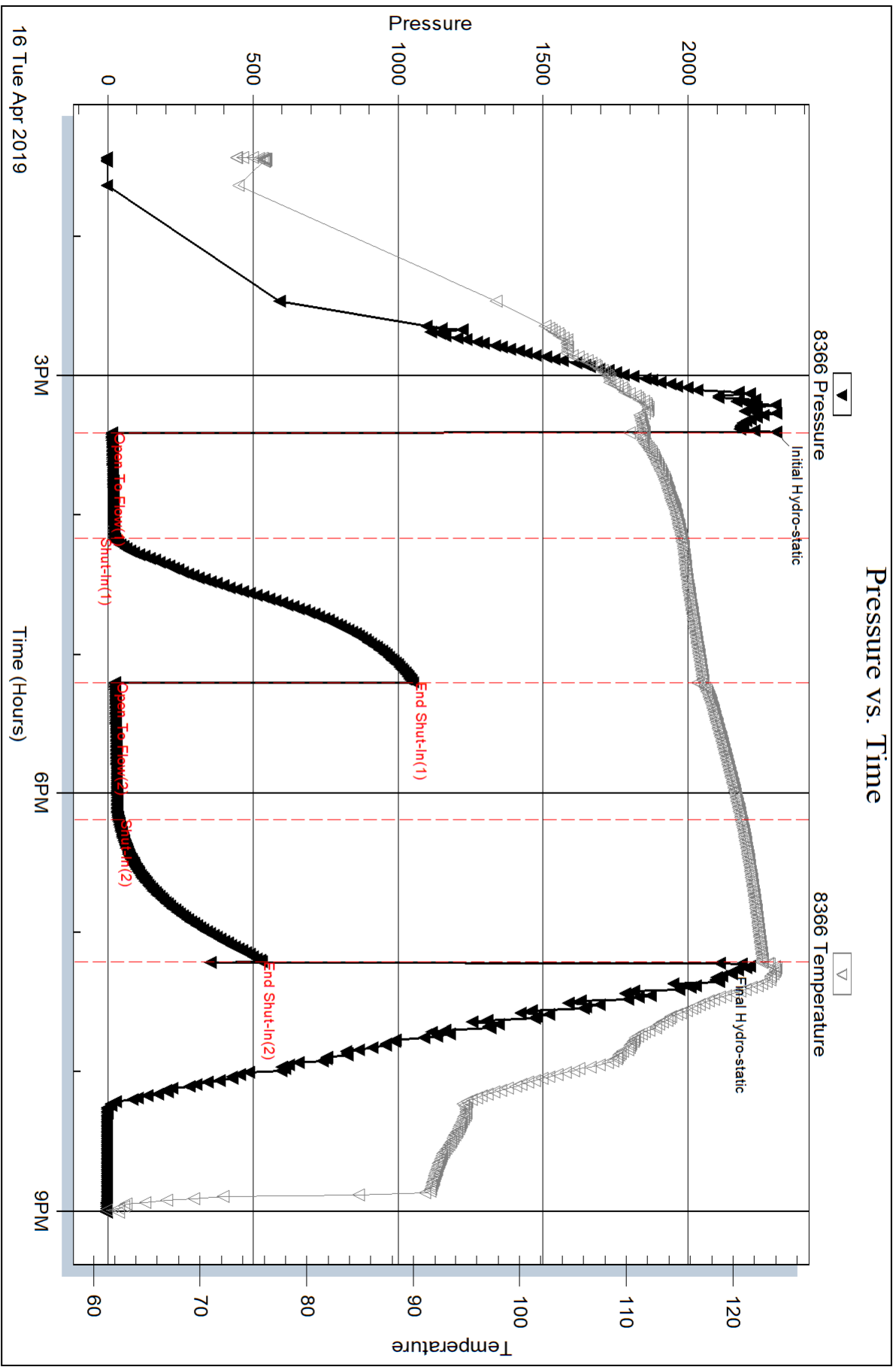
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity = 22 @ 70 DEG F = 21 COR 60 DEG F



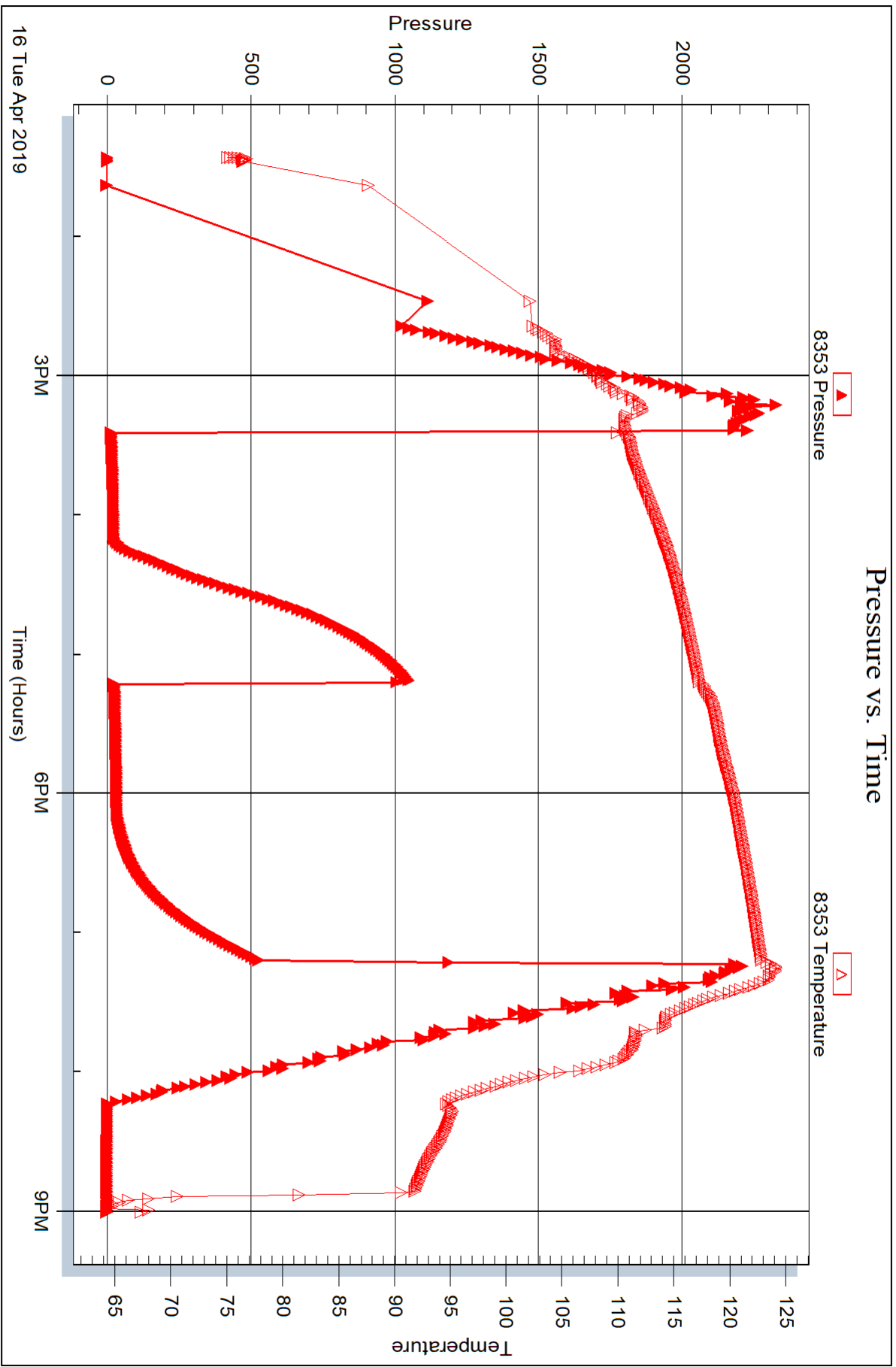
Serial #: 8353

Inside

Chizum Oil LLC

Gaskill #2-35

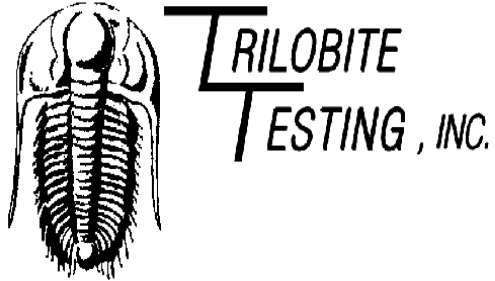
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 65532

Printed: 2019.04.19 @ 14:07:14



## DRILL STEM TEST REPORT

Prepared For: **Chizum Oil LLC**

PO Box 75615  
Wichita KS 67275

ATTN: Tim Priest

### **Gaskill #2-35**

#### **35-7s-37w Sherman,KS**

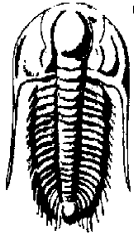
Start Date: 2019.04.17 @ 04:14:00

End Date: 2019.04.17 @ 10:18:39

Job Ticket #: 65533                      DST #: 3

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.04.19 @ 14:06:48



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Chizum Oil LLC

**35-7s-37w Sherman,KS**

PO Box 75615  
Wichita KS 67275

**Gaskill #2-35**

Job Ticket: 65533

**DST#: 3**

ATTN: Tim Priest

Test Start: 2019.04.17 @ 04:14:00

## GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:06:00

Time Test Ended: 10:18:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Nichols

Unit No: 71

**Interval: 4644.00 ft (KB) To 4690.00 ft (KB) (TVD)**

Reference Elevations: 3467.00 ft (KB)

Total Depth: 4690.00 ft (KB) (TVD)

3462.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8366 Outside**

Press@RunDepth: 12.00 psig @ 4645.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.04.17 End Date: 2019.04.17

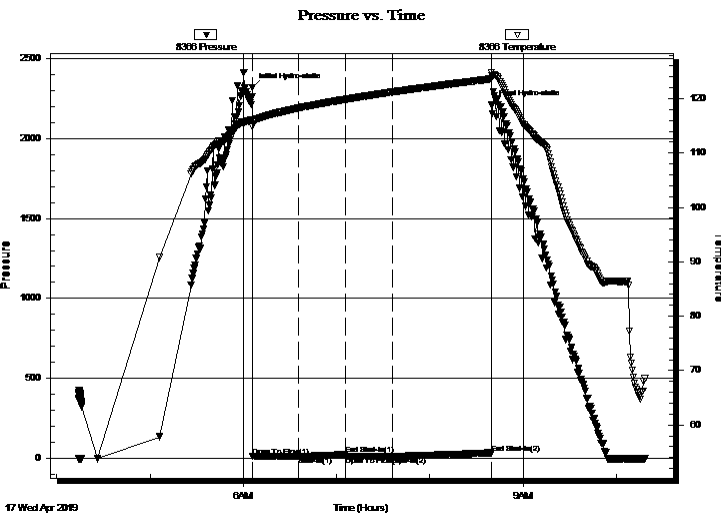
Last Calib.: 2019.04.17

Start Time: 04:14:01 End Time: 10:18:40

Time On Btm: 2019.04.17 @ 06:05:50

Time Off Btm: 2019.04.17 @ 08:40:00

**TEST COMMENT:** 30 IF - Blow built to 1/4" died back to surface blow  
30 ISI - No return  
30 FF - No blow  
60 FSI - No return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2321.05	116.14	Initial Hydro-static
1	10.79	114.80	Open To Flow (1)
30	11.72	118.28	Shut-In(1)
60	23.01	119.87	End Shut-In(1)
60	10.60	119.88	Open To Flow (2)
90	12.00	121.21	Shut-In(2)
154	30.05	123.64	End Shut-In(2)
155	2211.35	124.17	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%M	0.02

\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Chizum Oil LLC

**35-7s-37w Sherman,KS**

PO Box 75615  
Wichita KS 67275

**Gaskill #2-35**

Job Ticket: 65533

**DST#: 3**

ATTN: Tim Priest

Test Start: 2019.04.17 @ 04:14:00

## Tool Information

Drill Pipe:	Length: 4530.00 ft	Diameter: 3.80 inches	Volume: 63.54 bbl	Tool Weight: 1500.00 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: 127.00 ft	Diameter: 2.25 inches	Volume: 0.62 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 64.16 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4644.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	66.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4629.00	
Hydraulic tool	5.00			4634.00	
Packer	5.00			4639.00	20.00 Bottom Of Top Packer
Packer	5.00			4644.00	
Packer - Shale	0.00			4644.00	
Stubb	1.00			4645.00	
Recorder	0.00	8353	Inside	4645.00	
Recorder	0.00	8366	Outside	4645.00	
Perforations	8.00			4653.00	
Blank Spacing	34.00			4687.00	
Bullnose	3.00			4690.00	46.00 Bottom Packers & Anchor

**Total Tool Length: 66.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Chizum Oil LLC

**35-7s-37w Sherman,KS**

PO Box 75615  
Wichita KS 67275

**Gaskill #2-35**

Job Ticket: 65533

**DST#: 3**

ATTN: Tim Priest

Test Start: 2019.04.17 @ 04:14:00

## 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:

ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100%M	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

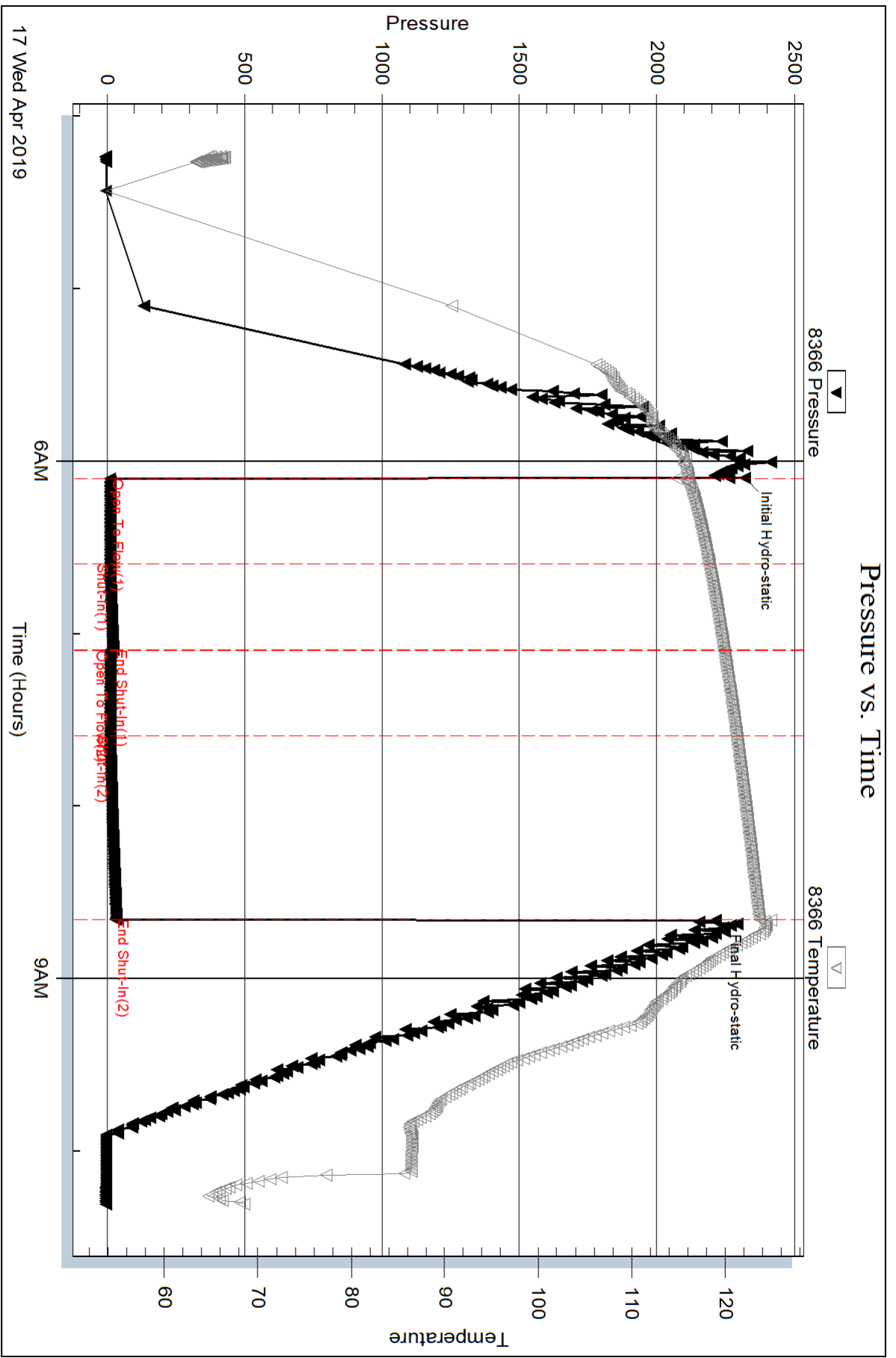
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



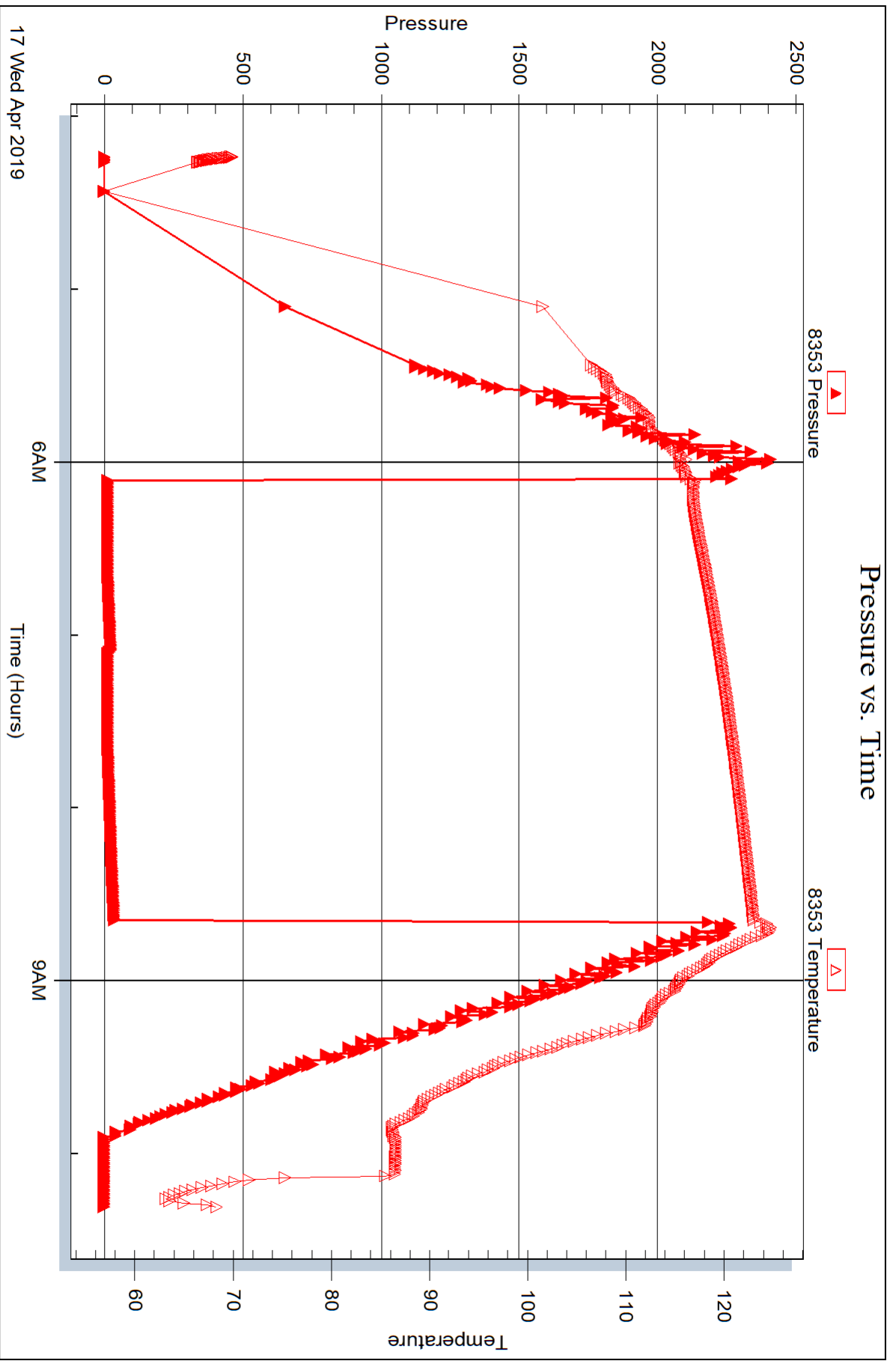
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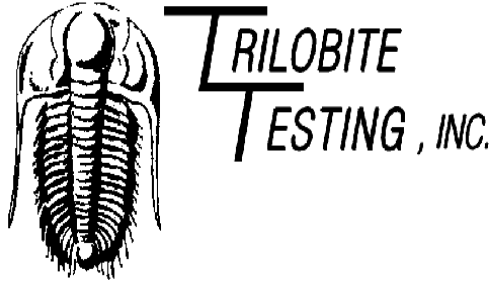
Inside

Chizum Oil LLC

Gaskill #2-35

DST Test Number: 3





## DRILL STEM TEST REPORT

Prepared For: **Chizum Oil LLC**

PO Box 75615  
Wichita KS 67275

ATTN: Tim Priest

### **Gaskill #2-35**

### **35-7s-37w Sherman,KS**

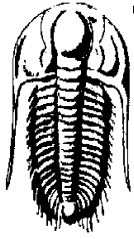
Start Date: 2019.04.17 @ 20:50:00

End Date: 2019.04.18 @ 02:27:09

Job Ticket #: 65534                      DST #: 4

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.04.19 @ 14:05:53



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Chizum Oil LLC

**35-7s-37w Sherman,KS**

PO Box 75615  
Wichita KS 67275

**Gaskill #2-35**

Job Ticket: 65534

**DST#: 4**

ATTN: Tim Priest

Test Start: 2019.04.17 @ 20:50:00

## GENERAL INFORMATION:

Formation: **Myric - Cherokee**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 22:58:00  
 Time Test Ended: 02:27:09  
 Interval: **4698.00 ft (KB) To 4785.00 ft (KB) (TVD)**  
 Total Depth: 4785.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Ryan Nichols  
 Unit No: 71  
 Reference Elevations: 3467.00 ft (KB)  
 3462.00 ft (CF)  
 KB to GR/CF: 5.00 ft

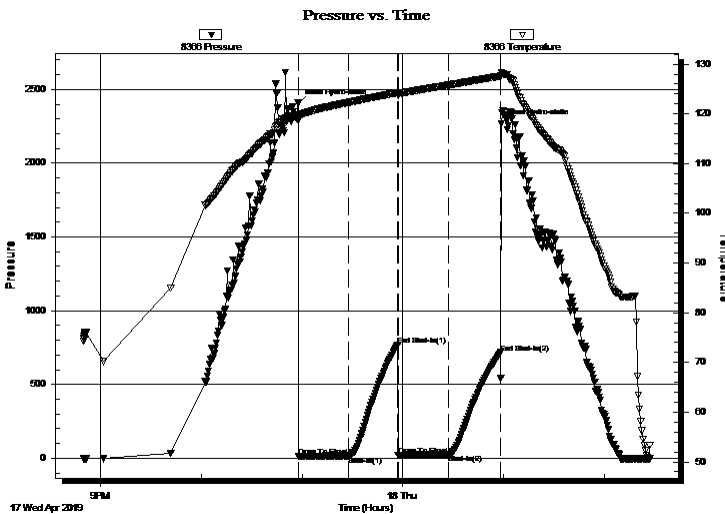
## Serial #: 8366

Outside

Press@RunDepth: 24.02 psig @ 4699.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2019.04.17 End Date: 2019.04.18 Last Calib.: 2019.04.18  
 Start Time: 20:50:01 End Time: 02:27:10 Time On Btm: 2019.04.17 @ 22:57:50  
 Time Off Btm: 2019.04.18 @ 00:58:50

TEST COMMENT: 30 IF - Blow built to 3/4"  
 30 ISI - No return  
 30 FF - No blow  
 30 FSI - No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2405.99	119.79	Initial Hydro-static
1	13.91	118.66	Open To Flow (1)
30	16.68	122.30	Shut-In(1)
60	769.03	124.28	End Shut-In(1)
60	20.18	123.76	Open To Flow (2)
90	24.02	125.77	Shut-In(2)
121	716.12	127.61	End Shut-In(2)
121	2267.78	128.26	Final Hydro-static

## Recovery

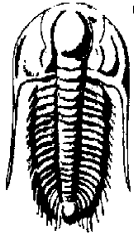
Length (ft)	Description	Volume (bbl)
10.00	Mud 100%M	0.05

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Chizum Oil LLC

**35-7s-37w Sherman,KS**

PO Box 75615  
Wichita KS 67275

**Gaskill #2-35**

Job Ticket: 65534

**DST#: 4**

ATTN: Tim Priest

Test Start: 2019.04.17 @ 20:50:00

## Tool Information

Drill Pipe:	Length: 4563.00 ft	Diameter: 3.80 inches	Volume: 64.01 bbl	Tool Weight: 1500.00 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: 127.00 ft	Diameter: 2.25 inches	Volume: 0.62 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 64.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4698.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	87.00 ft			
Tool Length:	107.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			4683.00	
Hydraulic tool	5.00			4688.00	
Packer	5.00			4693.00	20.00 Bottom Of Top Packer
Packer	5.00			4698.00	
Packer - Shale	0.00			4698.00	
Stubb	1.00			4699.00	
Recorder	0.00	8353	Inside	4699.00	
Recorder	0.00	8366	Outside	4699.00	
Perforations	18.00			4717.00	
Blank Spacing	65.00			4782.00	
Bullnose	3.00			4785.00	87.00 Bottom Packers & Anchor

**Total Tool Length: 107.00**





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Chizum Oil LLC

**35-7s-37w Sherman,KS**

PO Box 75615  
Wichita KS 67275

**Gaskill #2-35**

Job Ticket: 65534

**DST#: 4**

ATTN: Tim Priest

Test Start: 2019.04.17 @ 20:50:00

## 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:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud 100%M	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

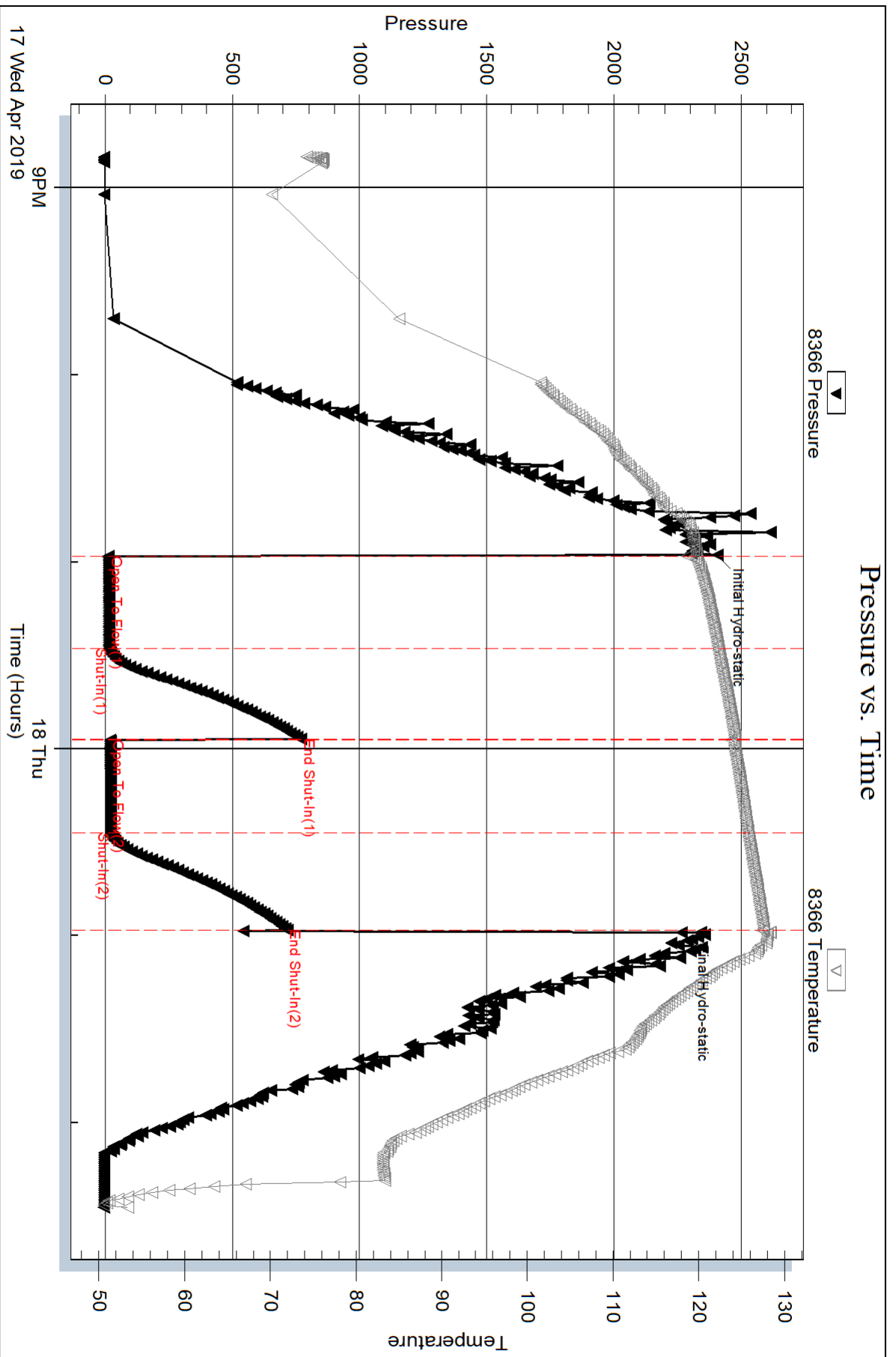
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



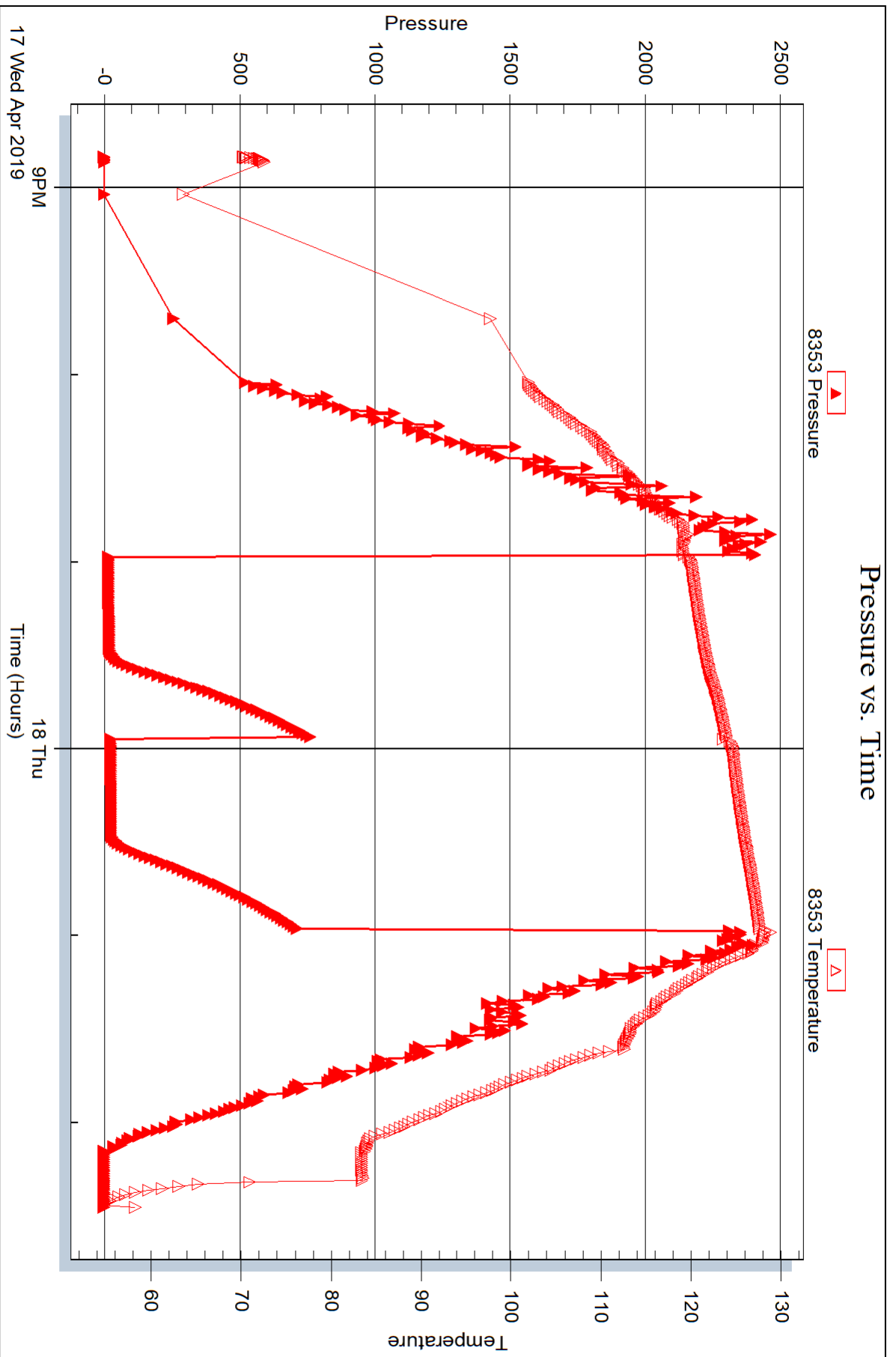
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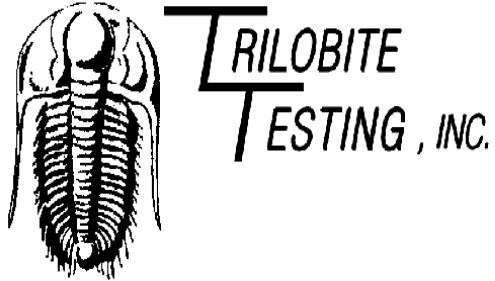
Inside

Chizum Oil LLC

Gaskill #2-35

DST Test Number: 4





## DRILL STEM TEST REPORT

Prepared For: **Chizum Oil LLC**

PO Box 75615  
Wichita KS 67275

ATTN: Tim Priest

### **Gaskill #2-35**

#### **35-7s-37w Sherman,KS**

Start Date: 2019.04.18 @ 11:56:00

End Date: 2019.04.18 @ 18:04:30

Job Ticket #: 65535                      DST #: 5

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.04.19 @ 14:01:18



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Chizum Oil LLC

**35-7s-37w Sherman,KS**

PO Box 75615  
Wichita KS 67275

**Gaskill #2-35**

Job Ticket: 65535

**DST#: 5**

ATTN: Tim Priest

Test Start: 2019.04.18 @ 11:56:00

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:03:50

Time Test Ended: 18:04:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Nichols

Unit No: 71

**Interval: 4759.00 ft (KB) To 4820.00 ft (KB) (TVD)**

Reference Elevations: 3467.00 ft (KB)

Total Depth: 4820.00 ft (KB) (TVD)

3462.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8366 Outside**

Press@RunDepth: 14.92 psig @ 4760.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.04.18

End Date: 2019.04.18

Last Calib.: 2019.04.18

Start Time: 11:56:01

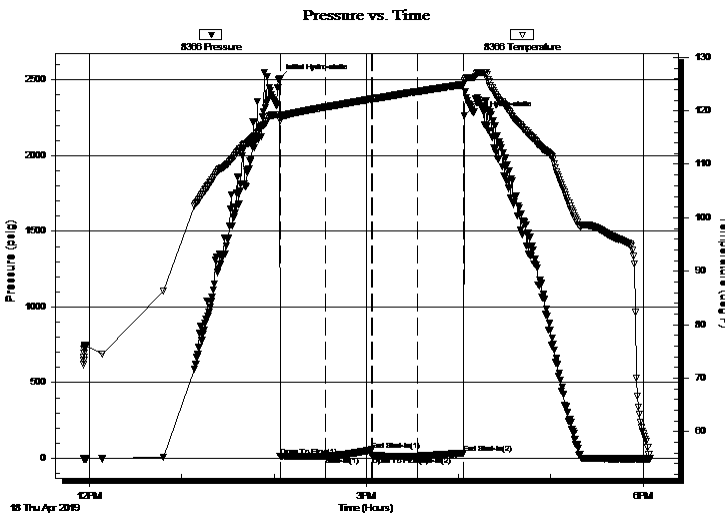
End Time: 18:04:30

Time On Btm: 2019.04.18 @ 14:03:40

Time Off Btm: 2019.04.18 @ 16:03:40

**TEST COMMENT:** 30 IF - Blow built to 1"  
30 ISI - No return  
30 FF - No blow  
30 FSI - No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2506.43	119.18	Initial Hydro-static
1	13.85	118.23	Open To Flow (1)
30	14.93	120.70	Shut-In(1)
60	55.00	122.21	End Shut-In(1)
60	14.33	122.21	Open To Flow (2)
90	14.92	123.60	Shut-In(2)
120	34.21	124.90	End Shut-In(2)
120	2265.69	125.63	Final Hydro-static

## Recovery

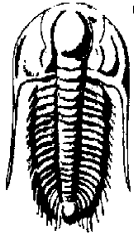
Length (ft)	Description	Volume (bbl)
5.00	Mud with oil spots 100%m	0.02

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Chizum Oil LLC

**35-7s-37w Sherman,KS**

PO Box 75615  
Wichita KS 67275

**Gaskill #2-35**

Job Ticket: 65535

**DST#: 5**

ATTN: Tim Priest

Test Start: 2019.04.18 @ 11:56:00

## Tool Information

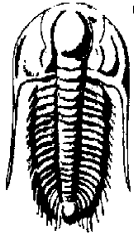
Drill Pipe:	Length: 4627.00 ft	Diameter: 3.80 inches	Volume: 64.90 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 127.00 ft	Diameter: 2.25 inches	Volume: 0.62 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 65.52 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4759.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	61.00 ft			
Tool Length:	81.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			4744.00	
Hydraulic tool	5.00			4749.00	
Packer	5.00			4754.00	20.00 Bottom Of Top Packer
Packer	5.00			4759.00	
Packer - Shale	0.00			4759.00	
Stubb	1.00			4760.00	
Recorder	0.00	8353	Inside	4760.00	
Recorder	0.00	8366	Outside	4760.00	
Perforations	23.00			4783.00	
Blank Spacing	34.00			4817.00	
Bullnose	3.00			4820.00	61.00 Bottom Packers & Anchor

**Total Tool Length: 81.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Chizum Oil LLC

**35-7s-37w Sherman,KS**

PO Box 75615  
Wichita KS 67275

**Gaskill #2-35**

Job Ticket: 65535

**DST#: 5**

ATTN: Tim Priest

Test Start: 2019.04.18 @ 11:56:00

## 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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud with oil spots 100%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:

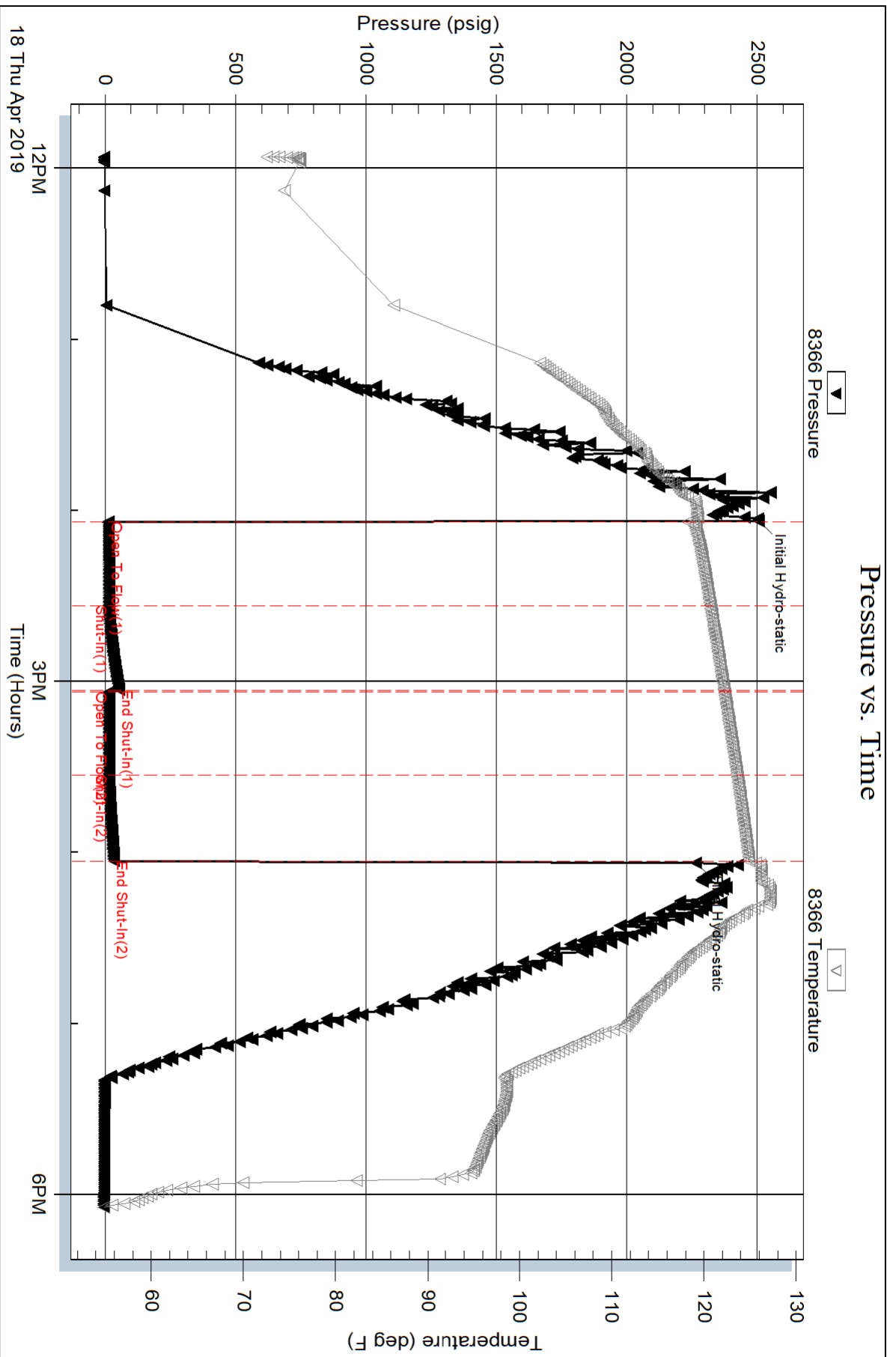


Serial #: 8366

Outside Chizum Oil LLC

Gaskill #2-35

DST Test Number: 5



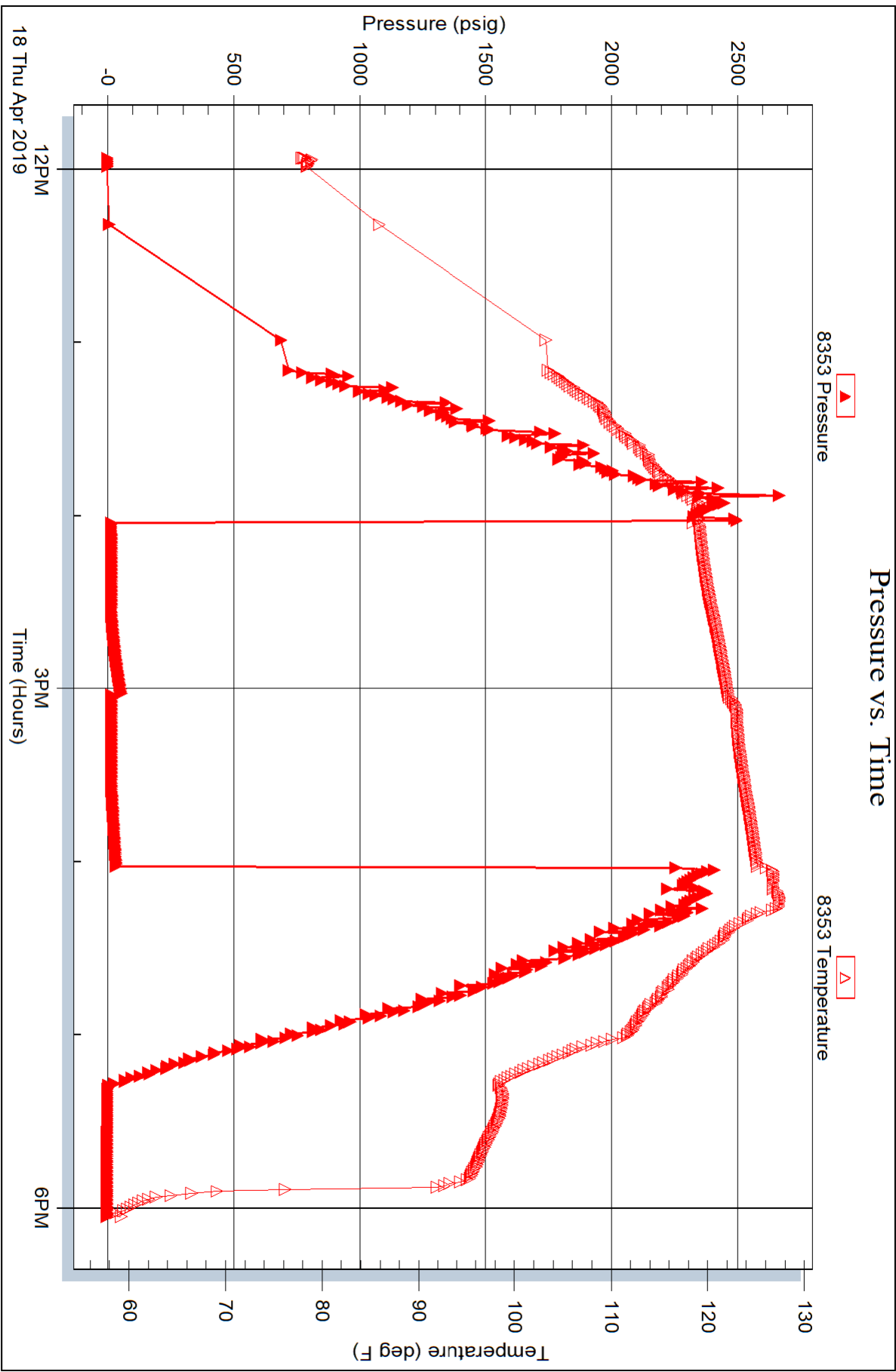
Serial #: 8353

Inside

Chizum Oil LLC

Gaskill #2-35

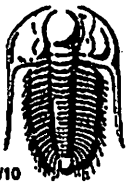
DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 65535

Printed: 2019.04.19 @ 14:01:20



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 65531

Well Name & No. Gaskill # 2-35 Test No. 1 Date 4/15/19  
 Company Chizum Oil LLC Elevation 3467 KB 3462 GL  
 Address P.O. Box 75615 Wichita KS 67275  
 Co. Rep / Geo. Tim Priest Rig WW #10  
 Location: Sec. 35 Twp 7S Rge. 37W Co. Sherman State KS

Interval Tested 4566 - 4625 Zone Tested Marmaton A & B  
 Anchor Length 59' Drill Pipe Run 4437' Mud Wt. 9.3  
 Top Packer Depth 4561 Drill Collars Run 127' Vis 69  
 Bottom Packer Depth 4566 (shale) Wt. Pipe Run 0' WL 8.8  
 Total Depth 5625 Chlorides 11,000 ppm System LCM 1  
 Blow Description 30 IF - Blow built to 1"  
45 ISI - No return  
30 FF - No blow  
30 FSI - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>20'</u>	<u>Mud w/ oil spots</u>	<u>spots</u>		<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 20' BHT 128° Gravity ✓ API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic 2359  Test 1300 T-On Location 21:15  
 (B) First Initial Flow 13  Jars \_\_\_\_\_ T-Started 22:15  
 (C) First Final Flow 14  Safety Joint \_\_\_\_\_ T-Open 00:04  
 (D) Initial Shut-In 992  Circ Sub \_\_\_\_\_ T-Pulled 02:19  
 (E) Second Initial Flow 16  Hourly Standby \_\_\_\_\_ T-Out 03:45  
 (F) Second Final Flow 16  Mileage 154 RT 154 Comments \_\_\_\_\_  
 (G) Final Shut-In 667  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2235  Straddle \_\_\_\_\_  
 Shale Packer 250  EM Tool \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Day Standby \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Accessibility \_\_\_\_\_ Sub Total 0  
 Sub Total 1704 Total 1704 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Tim Priest  
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 65532

Well Name & No. Gaskill # 2-35 Test No. 2 Date 4/16/19  
 Company Chizum Oil LLC Elevation 3467 KB 3462 GL  
 Address P.O. Box 75615 Wichita KS 67275  
 Co. Rep / Geo. Tim Priest Rig WW # 10  
 Location: Sec. 35 Twp 7S Rge. 37W Co. Shelton State KS

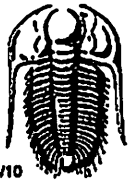
Interval Tested 4613 - 4650 Zone Tested Marmaton C  
 Anchor Length 37' Drill Pipe Run 4499' Mud Wt. 9.2  
 Top Packer Depth 4608 Drill Collars Run 127' Vis 51  
 Bottom Packer Depth 4613 (shale) Wt. Pipe Run 0' WL 8.8  
 Total Depth 4650 Chlorides 12,000 ppm System LCM 2  
 Blow Description 45IF - Blow built to 1"  
60ISI - Surface blow return  
60FF - Blow built to 1/4"  
60FSI

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>FO</u>	<u>100</u>			
<u>30</u>	<u>OCM</u>	<u>20</u>		<u>80</u>	

Rec Total 50' BHT 123° Gravity 21.0 @ 60° API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2302</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>13:00</u>
(B) First Initial Flow <u>14</u>	<input type="checkbox"/> Jars	T-Started <u>13:26</u>
(C) First Final Flow <u>22</u>	<input type="checkbox"/> Safety Joint	T-Open <u>15:24</u>
(D) Initial Shut-In <u>1051</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>19:12</u>
(E) Second Initial Flow <u>24</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>21:00</u>
(F) Second Final Flow <u>37</u>	<input checked="" type="checkbox"/> Mileage <u>154 RT</u> <sup>154</sup>	Comments
(G) Final Shut-In <u>529</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2110</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> EM Tool
Initial Open <u>45</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1704</u>
	Sub Total <u>1704</u>	MP/DST Disc't

Approved By \_\_\_\_\_ Our Representative Tim Priest  
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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 65533

Well Name & No. Gaskill # 2 - 35 Test No. 3 Date 4/17/19  
 Company Chizum Oil LLC Elevation 3467 KB 3462 GL  
 Address P.O. Box 75615 Wichita KS 67275  
 Co. Rep / Geo. Tim Priest Rig WW #10  
 Location: Sec. 35 Twp 75 Rge. 37W Co. Sherman State KS

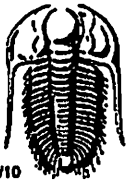
Interval Tested 4644 - 4690 Zone Tested Pawnee  
 Anchor Length 46' Drill Pipe Run 4530' Mud Wt. 9.3  
 Top Packer Depth 4639 Drill Collars Run 127' Vis 43  
 Bottom Packer Depth 4644 (shale) Wt. Pipe Run 0' WL 7.2  
 Total Depth 4690 Chlorides 8,000 ppm System LCM 1  
 Blow Description 30 IF - Blow built to 1/4" died back to surface  
30 ISI - No return  
30 FF - No blow  
60 FSI - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5'</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5' BHT 124° Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2321  Test 1300 T-On Location 04:00  
 (B) First Initial Flow 11  Jars — T-Started 04:14  
 (C) First Final Flow 12  Safety Joint — T-Open 06:06  
 (D) Initial Shut-In 23  Circ Sub — T-Pulled 08:39  
 (E) Second Initial Flow 11  Hourly Standby — T-Out 10:15  
 (F) Second Final Flow 12  Mileage 154 RT 154 Comments —  
 (G) Final Shut-In 30  Sampler —  
 (H) Final Hydrostatic 2211  Straddle —  
 Shale Packer 250  EM Tool —  
 Extra Packer —  Ruined Shale Packer —  
 Extra Recorder —  Ruined Packer —  
 Day Standby —  Extra Copies —  
 Accessibility — Sub Total 0  
 Sub Total 1704 Total 1704 MP/DST Disc't —

Approved By — Our Representative Tim Priest  
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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 65534

Well Name & No. Gaskill #2-35 Test No. 4 Date 4/17/19  
 Company Chizum Oil LLC Elevation 3467 KB 3462 GL  
 Address P.O. Box 75615 Wichita KS 67275  
 Co. Rep / Geo. Tim Priest Rig WW #10  
 Location: Sec. 35 Twp 7S Rge. 37W Co. Sherman State KS

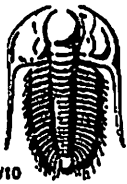
Interval Tested 4698 - 4785 Zone Tested Myric - Cherokee  
 Anchor Length 87' Drill Pipe Run 4563' Mud Wt. 9.2  
 Top Packer Depth 4693 Drill Collars Run 127' Vis 51  
 Bottom Packer Depth 4698 (shale) Wt. Pipe Run 0' WL 7.2  
 Total Depth 4785 Chlorides 8,000 ppm System LCM 1  
 Blow Description 30 IF - Blow built to 3/4"  
30 IST - No return  
30 FF - No Blow  
30 FSI - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10' BHT 128° Gravity — API RW — @ —° F Chlorides — ppm

(A) Initial Hydrostatic 2406  Test 1300 T-On Location 20:15  
 (B) First Initial Flow 14  Jars \_\_\_\_\_ T-Started 20:50  
 (C) First Final Flow 17  Safety Joint \_\_\_\_\_ T-Open 22:58  
 (D) Initial Shut-In 769  Circ Sub \_\_\_\_\_ T-Pulled 00:58  
 (E) Second Initial Flow 20  Hourly Standby \_\_\_\_\_ T-Out 02:30  
 (F) Second Final Flow 24  Mileage 154 RT 154 Comments \_\_\_\_\_  
 (G) Final Shut-In 716  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2268  Straddle \_\_\_\_\_  
 Shale Packer 250  EM Tool \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Day Standby \_\_\_\_\_ Sub Total 0  
 Accessibility \_\_\_\_\_ Total 1704  
 Sub Total 1704 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Tim Priest  
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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 65535

Well Name & No. Gaskill #2-35 Test No. 5 Date 4/18/19  
 Company Chizum Oil LLC Elevation 3467 KB 3462 GL  
 Address P.O. Box 75615 Wichita KS 67275  
 Co. Rep / Geo. Tim Priest Rig WW # 10  
 Location: Sec. 35 Twp 7S Rge. 37W Co. Sherman State KS

Interval Tested 4759-4820 Zone Tested Johnson  
 Anchor Length 61' Drill Pipe Run 4627' Mud Wt. 9.5  
 Top Packer Depth 4754 Drill Collars Run 127' Vls 49  
 Bottom Packer Depth 4759 (shale) Wt. Pipe Run 0' WL 8.8  
 Total Depth 4820 Chlorides 8000 ppm System LCM 1  
 Blow Description 30 IF - Blow built to 1"  
30 ISI - No return  
30 FF - No blow  
30 FSI - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5'</u>	<u>Mud w/oil spots</u>	<u>Spots</u>		<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5' BHT 125° Gravity — API RW — @ — F Chlorides — ppm

(A) Initial Hydrostatic 2506  Test 1300 T-On Location 11:30  
 (B) First Initial Flow 14  Jars \_\_\_\_\_ T-Started 11:56  
 (C) First Final Flow 15  Safety Joint \_\_\_\_\_ T-Open 14:03  
 (D) Initial Shut-In 55  Circ Sub \_\_\_\_\_ T-Pulled 16:03  
 (E) Second Initial Flow 14  Hourly Standby \_\_\_\_\_ T-Out 18:00  
 (F) Second Final Flow 15  Mileage 154 RT<sup>154</sup> Comments \_\_\_\_\_  
 (G) Final Shut-In 34  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2266  Straddle \_\_\_\_\_  
 EM Tool \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 1704 Sub Total 0  
 Total 1704 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Tim Priest

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**GEOLOGIST'S REPORT**  
**DRILLING TIME AND SAMPLE LOG**

COMPANY **CHIZUM OIL, LLC**  
 LEASE **GASKILL 2-35**  
 FIELD **Wildcat**  
 LOCATION **331 FMS, 13821 FEL**  
 SEC **35 T15P 7S R9E 37W**  
 COUNTY **Sherman STATE Kansas**  
 CONTRACTOR **WW Drilling, Rig #10**  
 SPUD **4-10-19 COMP 4-19-19**  
 RTD **5034' LTD 5034'**  
 MUD UP **3600' TYPE MUD Chemical**  
 SAMPLES SAVED FROM **4000' to RTD**  
 DRILLING TIME KEPT FROM **4000' to RTD**  
 SAMPLES EXAMINED FROM **4000' to RTD**  
 GEOLOGICAL SUPERVISION FROM **4000' to RTD**  
 GEOLOGIST ON WELL **Tim Priest**

ELEVATIONS  
 KB 3467'  
 DF \_\_\_\_\_  
 GL 3462'  
 Measurements Are All From **KB**

CASING  
 CONDUCTION **N/A**  
 SURFACE **8-5/8" @ 345'**  
 PRODUCTION **None**

SAMPLES EXAMINED FROM **4000' to RTD**  
 DRILLING TIME KEPT FROM **4000' to RTD**  
 GEOLOGICAL SUPERVISION FROM **4000' to RTD**  
 GEOLOGIST ON WELL **Tim Priest**

FORMATION TOPS  
 Electric Log SAMPLE  
 Anhydrite 3010 (+457) 3017 (+451)  
 Heebner Shale 4213 (-746) 4216 (-749)  
 Stark 4479 (-1013) 4480 (-1013)  
 Marmaton 4590 (-1123) 4592 (-1123)  
 Fort Scott 4729 (-1262) 4729 (-1262)  
 Cherokee Shale 4766 (-1299) 4767 (-1300)  
 Mississippi 4960 (-1493) 4962 (-1495)

REMARKS Due to the DST results, it was decided to plug and abandon the well.

Respectfully Submitted,  
 Tim Priest  
 Petroleum Geologist

API #15-181-20619-00-00

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