

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  WSW  SWD

Gas  DH  EOR

OG  GSW

CM (Coal Bed Methane)

Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening  Re-perf.  Conv. to EOR  Conv. to SWD

Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: \_\_\_\_\_

Confidential Release Date: \_\_\_\_\_

Wireline Log Received  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
---	--	------------------------------------

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:	
----------------	-------	---------	------------	--

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	WHITHAM 1-1
Doc ID	1633507

All Electric Logs Run

Dual Induction Log
Borehole Compensated Sonic Log
Dual Comp Porosity
Microresistivity Log

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	WHITHAM 1-1
Doc ID	1633507

Tops

Name	Top	Datum
Anhydrite	2503	827
B/Anhydrite	2526	807
Topeka	3763	-428
Heebner	3974	-643
Toronto	3990	-665
Lansing	4022	-693
C	4062	-731
D	4073	-745
E	4113	-782
F	4134	-797
G	4149	-816
Muncie Creek	4200	-873
H	4210	-884
I	4254	-922
J	4280	-950
Stark Shale	4304	-970
K	4313	-982
L	4361	-1023
BKC	4396	-1062
Marmaton	4460	-1125
Altamont	4491	-1155
Pawnee	4537	-1214
Myrick Station	4576	-1244
Fort Scott	4590	-1256

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	WHITHAM 1-1
Doc ID	1633507

Tops

Name	Top	Datum
Cherokee	4616	-1285
Johnson Zone	4706	-1375
Morrow Shale	4772	-1439
U Morrow Sd	4853	-1450
L Morrow Sd	4788	-1519
Missippian	4880	-1544





## DRILL STEM TEST REPORT

Prepared For: **Landmark Resources, Inc.**

4900 Woodway Dr.  
Houston, TX 77056

ATTN: Kim Shoemaker

### **Whitham #1-1**

#### **1-17s-37w Wichita,KS**

Start Date: 2022.01.27 @ 14:20:00

End Date: 2022.01.27 @ 21:48:15

Job Ticket #: 68053                      DST #: 1

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.02.01 @ 10:57:48

Landmark Resources, Inc.  
1-17s-37w Wichita,KS  
Whitham #1-1  
DST # 1  
LKC-E  
2022.01.27



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Landmark Resources, Inc.

**1-17s-37w Wichita,KS**

4900 Woodway Dr.  
Houston, TX 77056

**Whitham #1-1**

Job Ticket: 68053

**DST#: 1**

ATTN: Kim Shoemaker

Test Start: 2022.01.27 @ 14:20:00

## GENERAL INFORMATION:

Formation: **LKC- E**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:33:45

Time Test Ended: 21:48:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

**Interval: 4110.00 ft (KB) To 4140.00 ft (KB) (TVD)**

Reference Elevations: 3334.00 ft (KB)

Total Depth: 4140.00 ft (KB) (TVD)

3329.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8874 Outside**

Press@RunDepth: 74.95 psig @ 4111.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.01.27

End Date:

2022.01.27

Last Calib.:

2022.01.27

Start Time: 14:20:05

End Time:

21:48:14

Time On Btm:

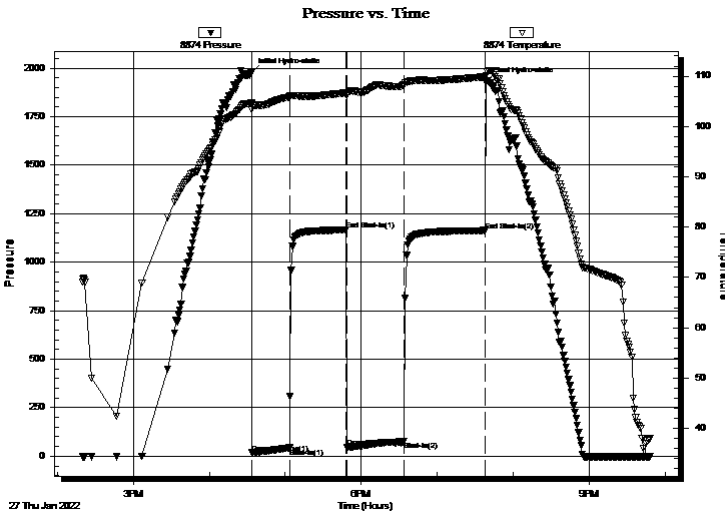
2022.01.27 @ 16:33:30

Time Off Btm:

2022.01.27 @ 19:38:30

TEST COMMENT: 30 IF: 3 1/4" blow .  
45 IS: No return.  
45 FF: 2 1/4" blow .  
60 FSI: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1977.97	104.64	Initial Hydro-static
1	17.22	103.37	Open To Flow (1)
30	42.65	105.83	Shut-In(1)
75	1165.59	106.66	End Shut-In(1)
75	45.42	106.17	Open To Flow (2)
120	74.95	108.24	Shut-In(2)
185	1163.01	109.87	End Shut-In(2)
185	1930.03	110.15	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
125.00	mcw 35m 65w	0.66

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Landmark Resources, Inc.

**1-17s-37w Wichita,KS**

4900 Woodway Dr.  
Houston, TX 77056

**Whitham #1-1**

Job Ticket: 68053

**DST#: 1**

ATTN: Kim Shoemaker

Test Start: 2022.01.27 @ 14:20:00

## Tool Information

Drill Pipe:	Length: 3985.00 ft	Diameter: 3.80 inches	Volume: 55.90 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 56.49 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4110.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	60.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4081.00	
Shut In Tool	5.00		Fluid	4086.00	
Hydraulic tool	5.00			4091.00	
Em Tool	3.00			4094.00	
Jars	5.00			4099.00	
Safety Joint	2.00			4101.00	
Packer	5.00		Inside	4106.00	30.00 Bottom Of Top Packer
Packer	4.00			4110.00	
Stubb	1.00			4111.00	
Recorder	0.00	8874	Outside	4111.00	
Recorder	0.00	8319	Inside	4111.00	
Perforations	26.00			4137.00	
Bullnose	3.00			4140.00	30.00 Bottom Packers & Anchor

**Total Tool Length: 60.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Landmark Resources, Inc.

**1-17s-37w Wichita,KS**

4900 Woodway Dr.  
Houston, TX 77056

**Whitham #1-1**

Job Ticket: 68053

**DST#: 1**

ATTN: Kim Shoemaker

Test Start: 2022.01.27 @ 14:20:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

34000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4100.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	mcw 35m 65w	0.660

Total Length: 125.00 ft      Total Volume: 0.660 bbl

Num Fluid Samples: 0

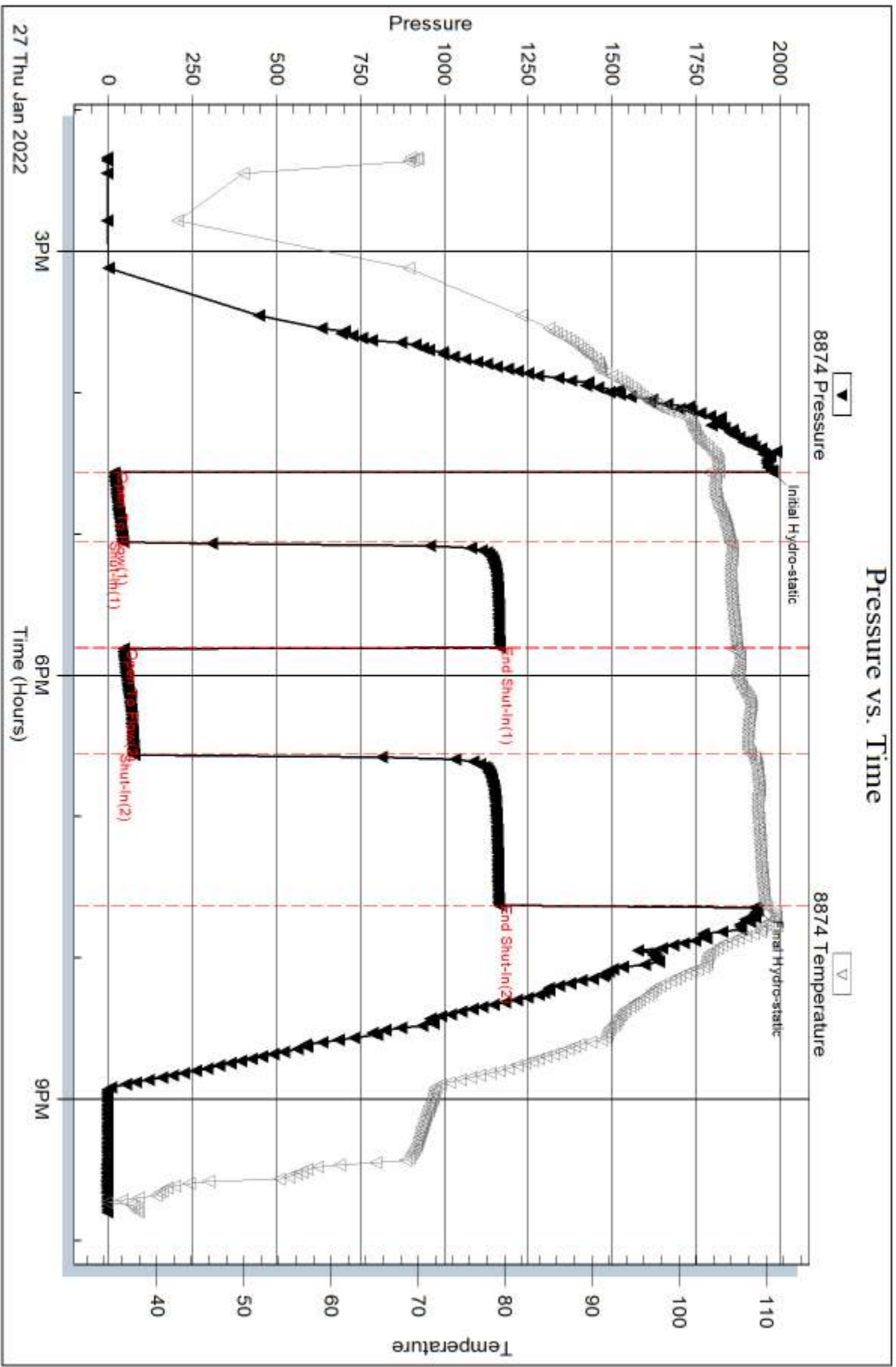
Num Gas Bombs: 0

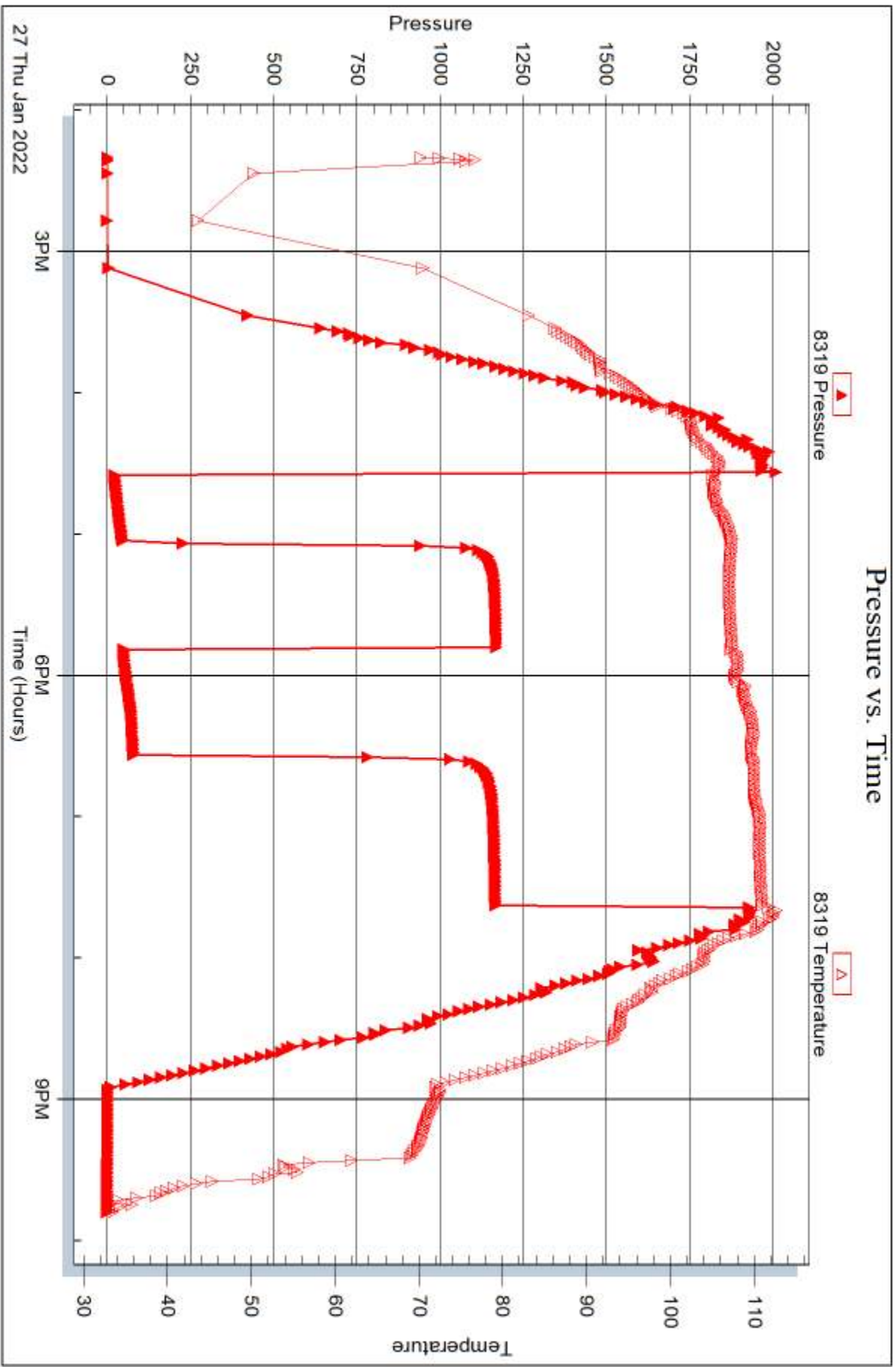
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .313 @ 44f = 34000







## DRILL STEM TEST REPORT

Prepared For: **Landmark Resources, Inc.**

4900 Woodway Dr.  
Houston, TX 77056

ATTN: Kim Shoemaker

### **Whitham #1-1**

#### **1-17s-37w Wichita,KS**

Start Date: 2022.01.29 @ 07:12:00

End Date: 2022.01.29 @ 14:54:00

Job Ticket #: 68054                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.02.01 @ 10:56:52



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Landmark Resources, Inc.

**1-17s-37w Wichita,KS**

4900 Woodway Dr.  
Houston, TX 77056

**Whitham #1-1**

Job Ticket: 68054

**DST#: 2**

ATTN: Kim Shoemaker

Test Start: 2022.01.29 @ 07:12:00

## GENERAL INFORMATION:

Formation: **Marmaton - Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:24:00

Time Test Ended: 14:54:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

**Interval: 4466.00 ft (KB) To 4514.00 ft (KB) (TVD)**

Reference Elevations: 3334.00 ft (KB)

Total Depth: 4514.00 ft (KB) (TVD)

3329.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8874 Outside**

Press@RunDepth: 36.87 psig @ 4467.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.01.29 End Date: 2022.01.29

Last Calib.: 2022.01.29

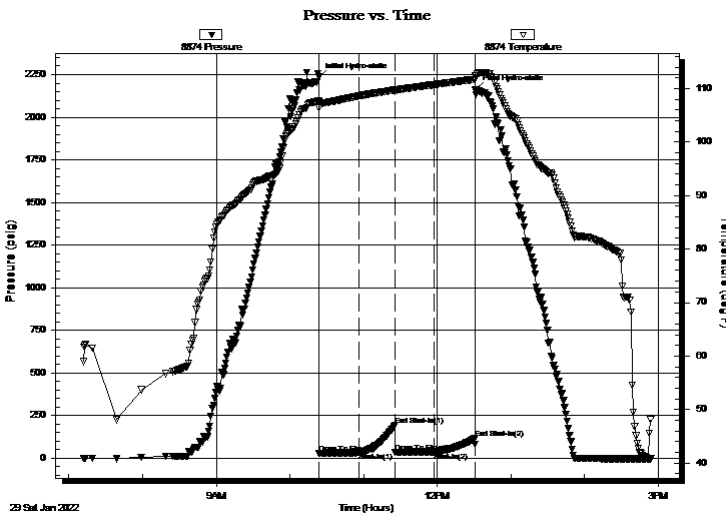
Start Time: 07:12:05 End Time: 14:53:59

Time On Btm: 2022.01.29 @ 10:23:45

Time Off Btm: 2022.01.29 @ 12:31:15

**TEST COMMENT:** 30 IF: 1/2" blow.  
30 IS: No return.  
30 FF: No blow.  
30 FSI: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2234.56	107.66	Initial Hydro-static
1	28.28	106.38	Open To Flow (1)
33	32.60	108.58	Shut-In(1)
62	194.23	109.74	End Shut-In(1)
63	34.41	109.66	Open To Flow (2)
94	36.87	110.72	Shut-In(2)
127	114.74	111.70	End Shut-In(2)
128	2162.09	112.37	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
25.00	mud 100m (oil spots in tool)	0.12

## Gas Rates

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

\* Recovery from multiple tests







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Landmark Resources, Inc.

**1-17s-37w Wichita,KS**

4900 Woodway Dr.  
Houston, TX 77056

**Whitham #1-1**

Job Ticket: 68054

**DST#: 2**

ATTN: Kim Shoemaker

Test Start: 2022.01.29 @ 07:12:00

## Tool Information

Drill Pipe:	Length: 4335.00 ft	Diameter: 3.80 inches	Volume: 60.81 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 61.40 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial	55000.00 lb
Depth to Top Packer:	4466.00 ft			Final	55000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	48.00 ft				
Tool Length:	78.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4437.00	
Shut In Tool	5.00		Fluid	4442.00	
Hydraulic tool	5.00			4447.00	
Em Tool	3.00			4450.00	
Jars	5.00			4455.00	
Safety Joint	2.00			4457.00	
Packer	5.00		Inside	4462.00	30.00 Bottom Of Top Packer
Packer	4.00			4466.00	
Stubb	1.00			4467.00	
Recorder	0.00	8874	Outside	4467.00	
Recorder	0.00	8319	Inside	4467.00	
Perforations	11.00			4478.00	
Change Over Sub	1.00			4479.00	
Drill Pipe	31.00			4510.00	
Change Over Sub	1.00			4511.00	
Bullnose	3.00			4514.00	48.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>78.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Landmark Resources, Inc.

**1-17s-37w Wichita,KS**

4900 Woodway Dr.  
Houston, TX 77056

**Whitham #1-1**

Job Ticket: 68054

**DST#: 2**

ATTN: Kim Shoemaker

Test Start: 2022.01.29 @ 07:12:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 45000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	mud 100m (oil spots in tool)	0.123

Total Length: 25.00 ft      Total Volume: 0.123 bbl

Num Fluid Samples: 0

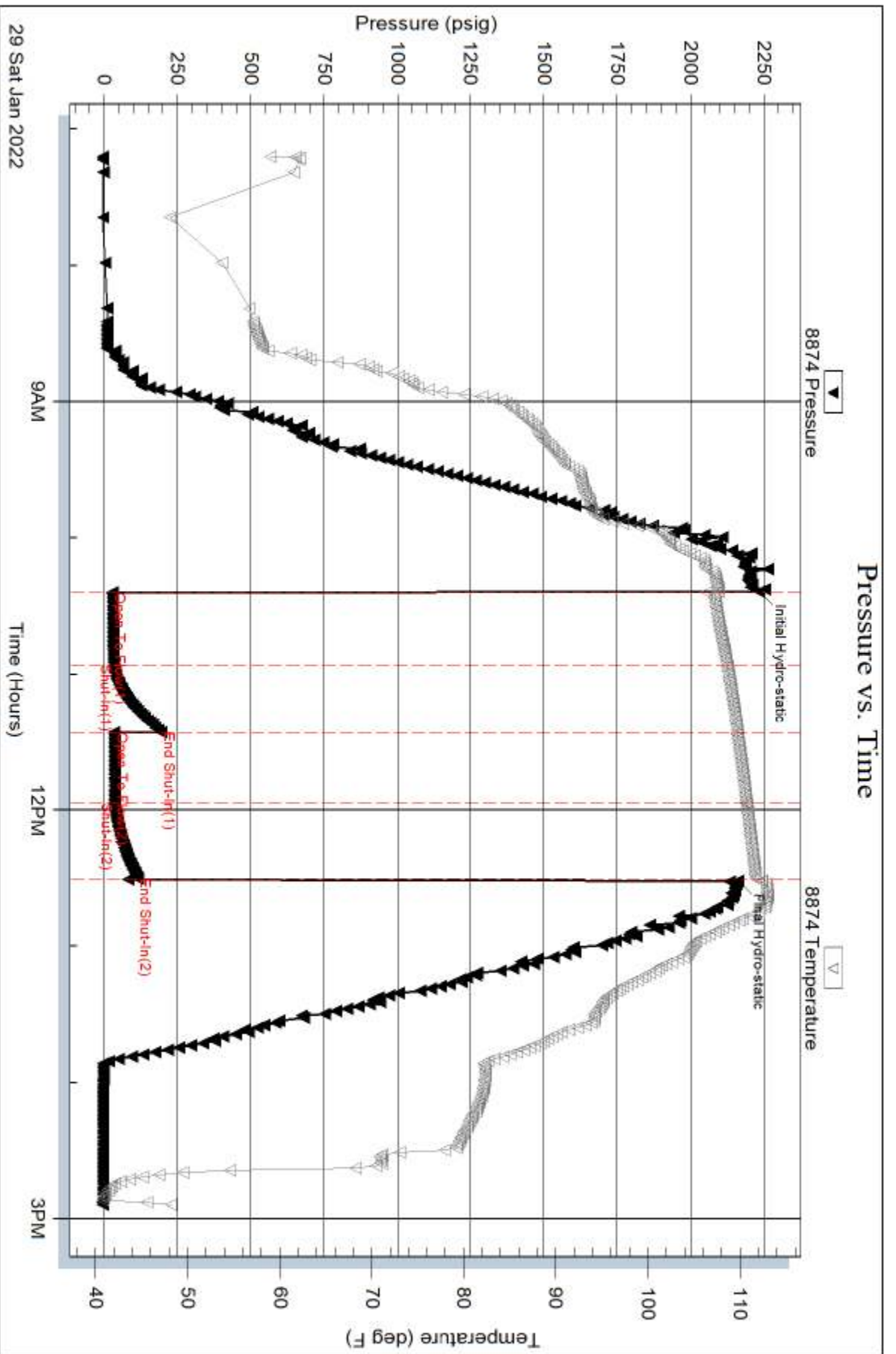
Num Gas Bombs: 0

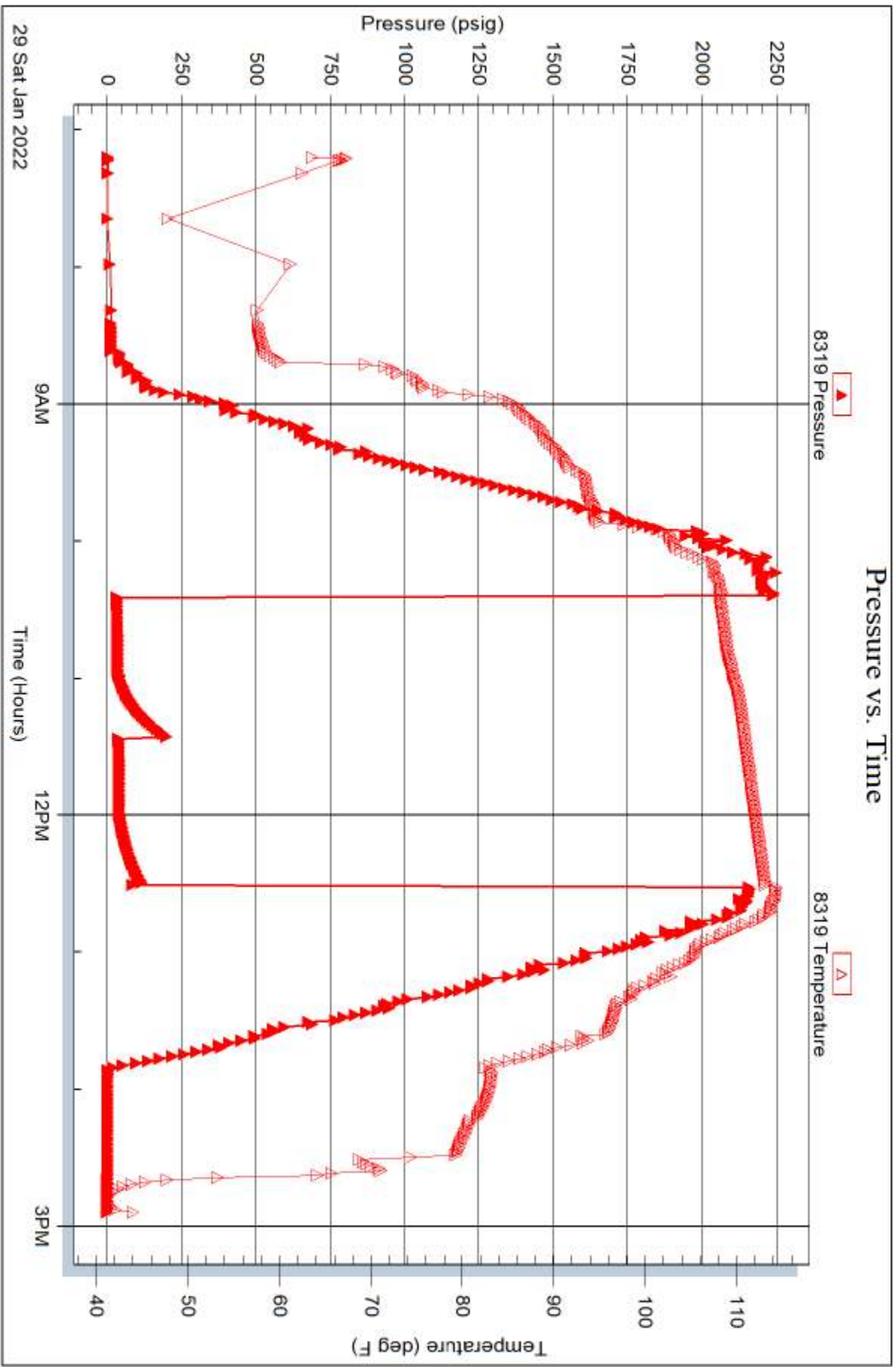
Serial #:

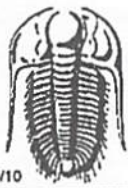
Laboratory Name:

Laboratory Location:

Recovery Comments:







# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **68053**

Well Name & No. Whitham #(-) Test No. 1 Date 1/27/2022  
 Company Landmark Resources, Inc Elevation 3334 KB 3329 GL  
 Address 4900 Woodway Dr ste 850 Houston, Tx 77056  
 Co. Rep / Geo. Kim Shoemaker Rig Mudlog 102  
 Location: Sec. 1 Twp 17s Rge. 37W Co. Wichita State Ks

Interval Tested 4110 - 4140 Zone Tested LKC E-F  
 Anchor Length 30' Drill Pipe Run 3485 Mud Wt. 9.0  
 Top Packer Depth 4105 Drill Collars Run 120 Vis 50  
 Bottom Packer Depth 4110 Wt. Pipe Run Ø WL 7.2  
 Total Depth 4140 Chlorides 4100 ppm System LCM 14# (P11)  
 Blow Description IF 3 1/4" blow  
ISI No return  
FF 2 1/4" blow  
FSI No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>12.5</u>	<u>MCW</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 125 BHT 110 Gravity — API RW 313 @ 44° F Chlorides 34000 ppm

(A) Initial Hydrostatic <u>1977</u>	<input checked="" type="checkbox"/> Test <u>1450</u>	T-On Location <u>0930</u>
(B) First Initial Flow <u>17</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1420</u>
(C) First Final Flow <u>42</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1632</u>
(D) Initial Shut-In <u>1165</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1932</u>
(E) Second Initial Flow <u>45</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>2148</u>
(F) Second Final Flow <u>74</u>	<input checked="" type="checkbox"/> Mileage <u>72RT</u> <u>90</u>	Comments <u>Next test 0630 1/29</u>
(G) Final Shut-In <u>1163</u>	<input type="checkbox"/> Sampler	<input checked="" type="checkbox"/> EM Tool <u>350</u>
(H) Final Hydrostatic <u>1930</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>350</u>
Final Shut-In <u>60</u>	<input checked="" type="checkbox"/> Day Standby	Total <u>2215</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1865</u>	

Approved By \_\_\_\_\_ Our Representative [Signature]

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. **68054**

Well Name & No. Whitham #1-1 Test No. 2 Date 1/29/2022  
 Company Landmark Resources, Inc Elevation 3334 KB 3329 GL  
 Address Houston Tx  
 Co. Rep / Geo. Kim Shoemaker Rig Mogden 102  
 Location: Sec. 1 Twp 17S Rge. 37W Co. Wichita State Ks

Interval Tested 4466-4514 Zone Tested Marathon-Altamont  
 Anchor Length 48' Drill Pipe Run 4335 Mud Wt. 9.2  
 Top Packer Depth 4961- Drill Collars Run 120 Vis 49  
 Bottom Packer Depth 4466 Wt. Pipe Run Ø WL 7.2  
 Total Depth 4514 Chlorides 4500 ppm System LCM 10#

Blow Description IF 1/2" blow  
ISI No return.  
FP No blow.  
FSI No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>25</u>	<u>mud</u>			<u>100</u>	
	<u>oil spots in foot</u>				

Rec Total 25 BHT 112 Gravity — API RW — @ — F Chlorides — ppm  
 (A) Initial Hydrostatic 2234  Test 1450 T-On Location 0630  
 (B) First Initial Flow 28  Jars 250 T-Started 0720  
 (C) First Final Flow 32  Safety Joint 75 T-Open 1022  
 (D) Initial Shut-In 194  Circ Sub \_\_\_\_\_ T-Pulled 1222  
 (E) Second Initial Flow 34  Hourly Standby \_\_\_\_\_ T-Out 1454  
 (F) Second Final Flow 36  Mileage 72AT 90+90 Comments 9/0 Tools  
 (G) Final Shut-In 114  Sampler \_\_\_\_\_ 1400 1/31/2022  
 (H) Final Hydrostatic 2162  Straddle \_\_\_\_\_  EM Tool 350

Initial Open 30  Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Initial Shut-In 30  Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Final Flow 30  Extra Recorder 1d 23h 800  Extra Copies \_\_\_\_\_  
 Final Shut-In 30  Day Standby 1d 8.75h 291.67 Sub Total 350+1091.67  
 Accessibility \_\_\_\_\_ Total 3396.67  
 Sub Total 1955 MP/DST Disc'V \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative [Signature]  
 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.

