

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 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)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	DECKER 1-10
Doc ID	1657120

All Electric Logs Run

Microresistivity
Borehole Compensated Sonic
Dual Comp Porosity
Dual Induction
Gamma Ray / Caliper

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	DECKER 1-10
Doc ID	1657120

Tops

Name	Top	Datum
Anhydrite	2429	701
B/Anhydrite	2448	683
Topeka	3754	-631
Heebner	3991	-871
Toronto	4009	-889
Lansing	4036	-916
C	4076	-954
D	4090	-969
E	4141	-1016
F	4157	-1032
G	4178	-1050
Muncie Creek	4229	-1109
H	4241	-1120
I	4278	-1158
J	4306	-1183
Stark Shale	4330	-1209
K	4333	-1220
L	4382	-1263
BKC	4424	-1297
Marmaton	4478	-1356
Altamont	4504	-1386
Pawnee	4550	-1436
Myrick Station	4587	-1474
Fort Scott	4603	-1486

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	DECKER 1-10
Doc ID	1657120

Tops

Name	Top	Datum
Cherokee	4630	-1512
Johnson	4689	-1568
Morrow Shale	4759	-1638
Upper Morrow Sand	4832	-1710
Missippian	4852	-1724



HP Oilfield Services, LLC
 383 Inverness Parkway, Suite 330
 Englewood, CO 80112

Invoice

Date	Invoice #
7/18/2022	26990

Bill To
Landmark Resources 4900 Woodway Dr. Suite #880 Houston, TX 77056

Lease
Decker # 1-10

Order by / P.O. No.	Terms
	Net 30

Description	Unit	Hrs / Qty	U/M	Rate	Amount
Class A Cement Service for Decker # 1-10 Field Ticket #: 2530 K-C Description: Please see Attached Field Ticket					
Pump Charge for Cement	CMT-103	1	ea	2,800.00	2,800.00
Pumptruck Mileage	CMT-800	30	ea	7.15	214.50
Mileage Delivery of Bulk Material - 30 x 30.29 = 908.70 x 1.75 = 1590.23	CMT-800	908.7	ea	1.75	1,590.23
HP - Oil Well Cement	CMT	210	SKS	25.00	5,250.00T
Liteweight Blend V	CMT	475	SKS	17.50	8,312.50T
Wedril Kol-Seal	CMT	1,050	lb	0.50	525.00T
Flo-Seal	CMT	119	lb	3.00	357.00T
FLC 175	CMT	90	lb	13.25	1,192.50T
Defoamer	CMT	45	lb	10.20	459.00T
Mud Flush	CMT	500	gal	0.65	325.00T
AFU Float Shoe	CMT	1	ea	585.00	585.00T

Thank you for your business.	Total
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7/18/2022	26990

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Landmark Resources 4900 Woodway Dr. Suite #880 Houston, TX 77056

Lease
Decker # 1-10

Order by / P.O. No.	Terms
	Net 30

Description	Unit	Hrs / Qty	U/M	Rate	Amount
Latch Down Plug Assy	CMT	1	ea	400.00	400.00T
Turbolizer	CMT	11	ea	110.00	1,210.00T
Cementing Basket	CMT	2	ea	385.00	770.00T
Two Stage Cement Collar (DV Tool)	CMT	1	ea	5,970.00	5,970.00T
Discount - Non-Taxable Items	CMT	1	ea	-920.95	-920.95
Discount - Taxable Items	CMT	1	ea	-5,071.20	-5,071.20T
Subtotal prior to Sales Taxes					23,968.58
KS & Scott County Sales Tax				8.50%	1,724.21

Thank you for your business.	Total	\$25,692.79
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785-953-0222

TICKET NUMBER 2530 K-C
 LOCATION Hugoton Ks
 FOREMAN Walt Dunkel

**FIELD TICKET & TREATMENT REPORT
 CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
<u>7-18-22</u>		<u>Decker #1-10</u>	<u>10</u>	<u>175</u>	<u>34W</u>	<u>Scott</u>
CUSTOMER <u>Landmark Resources, Inc</u>		Pence 5-South 1/2 E	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			<u>103</u>	<u>Cory D</u>		
CITY		STATE	ZIP CODE			
			<u>800-850</u>	<u>Cory D</u>		
			<u>-851</u>	<u>Jon Ewert</u>		

JOB TYPE Prod-DY HOLE SIZE 7 7/8 HOLE DEPTH 4925' CASING SIZE & WEIGHT 5 1/2" 15.5
 CASING DEPTH 4914' DRILL PIPE _____ TUBING _____ OTHER DY-2417'
 SLURRY WEIGHT 13.8, 10.9 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 42'
 DISPLACEMENT 118.5 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting, Rig up on Murfin #112, Run Float Equipment
Circ on Bottom for 1 Hr, Pump 5 BBL H₂O, 500gal Mud Flush, mixed 210 SKS
HP-OWC, Clear Pump + Lines, release Plug + Displace 60 BBL H₂O + 58 BBL mud
@ 850# lift pressure, landed Plug @ 1500# release pressure, float held
Open DV Tool, Circ 1 Hr, mix 30 SKS cement in Pit, mix 445 SKS down
casing, Clear Pump + Lines, release Plug and Displace 58 1/2 BBL H₂O @ 750#
lift, Landed Plug and shot DV Tool @ 1800#.
Cement Did Circ (approx 25 BBL to Pit)
Thank You
Walt + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	1	PUMP CHARGE	2,800 ⁰⁰	2,800 ⁰⁰
	30	MILEAGE	7.15	214.50
	30.29	Ton Mileage Delivery	1.75	1,590.23
	210 SKS	HP-OWC	25 ⁰⁰	5,250 ⁰⁰
	475 SKS	Light Weight Blend VII	17.50	8,312.50
	1050 #	Kalsec I	.50	525 ⁰⁰
	119 #	Flo Seal	3 ⁰⁰	357 ⁰⁰
	90 #	F1-125	13.25	1,192.50
	45 #	Deframer	10.20	459 ⁰⁰
	500 gal	Mud Flush	.65	325 ⁰⁰
	1	5 1/2 AEU Float Shoe	585 ⁰⁰	585 ⁰⁰
	1	5 1/2" Latchdown Plug Assy	400 ⁰⁰	400 ⁰⁰
	11	5 1/2" Turbolizers	110 ⁰⁰	1,210 ⁰⁰
	2	5 1/2" Baskets	385 ⁰⁰	770 ⁰⁰
	1	5 1/2" DV-Tool	5,970 ⁰⁰	5,970 ⁰⁰
				29,960.73
				5992.15
			SALES TAX	23,968.58
			ESTIMATED TOTAL	

AUTHORIZATION [Signature] TITLE _____ DATE 7/19/22

I acknowledge that the payments 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.



00-17s-34w-J2022
CRD NO.

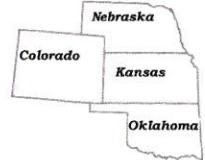
00-17s-34w
DMT NO.

PRO-STAKE

LLC

Construction Site Staking

15077
INVOICE NO.



Landmark Resources
OPERATOR

Scott County, KS
COUNTY

Decker #1-10
LEASE NAME

945' FSL - 2071' FEL
LOCATION SPOT

3107.5'
GR ELEVATION

38.586157665
NAD 83 LAT

101.061692687
NAD 83 LONG

10 17s 34w
Sec. Twp. Rng.

SCALE: N/A
DATE STAKED: June 9th, 2022
MEASURED BY: Jay K.
DRAWN BY: Jay K.
AUTHORIZED BY: Becky P.
DATE REVISED:

P.O. Box 2324 Garden City, Kansas 67846
Office/Fax: (620) 276-6159 – Cell: (620) 272-1499
burt@prostakellc.com

LEGEND

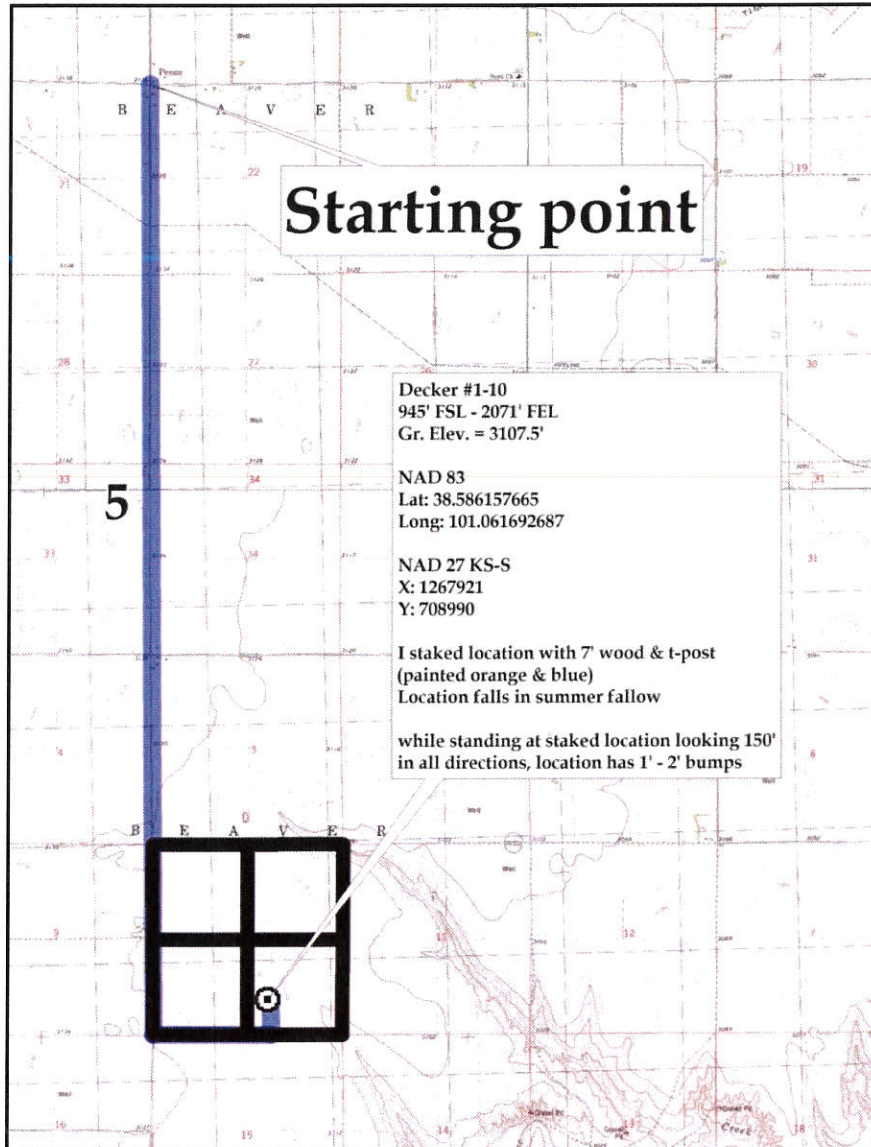
- ⊙ irr. well
- ⊕ water hydrant
- ⊕ tank battery
- ⊙ staked loc.
- ⊗ prod. well/aband. well
- house
- building
- G— gas line
- W— water line
- E— transmission powerline
- 3 phase powerline
- single phase powerline
- x—x— fence
- ▬ gravel/ sand rd.
- ▬ gravel trail/ lease rd.
- ▬ dirt rd.
- ▬ dirt trail/ lease rd.
- ▬ Hwy/ blacktop rd.



DIRECTIONS: From Pence, Ks. at the intersection of W. Rd. 270 & N. Cherokee Rd. – Now go 5 miles South on N. Cherokee Rd. to the SW corner of section 10-17s-36w – Now go approx. 0.6 mile East on trail rd. to ingress stake North into – Now go approx. 950' North into staked location.

Final ingress must be verified with landowner or operator.
This drawing does not constitute a monumented survey or a land survey plat. This drawing is for construction purposes only.

LANDOWNER/CONTACT: Galen Decker (620) 874-4044





00-17s-34w-J2022
CRD NO.

00-17s-34w
DMT NO.

PRO-STAKE

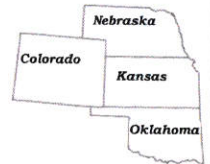
Construction Site Staking



LLC

15077

INVOICE NO.



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10 17s 34w
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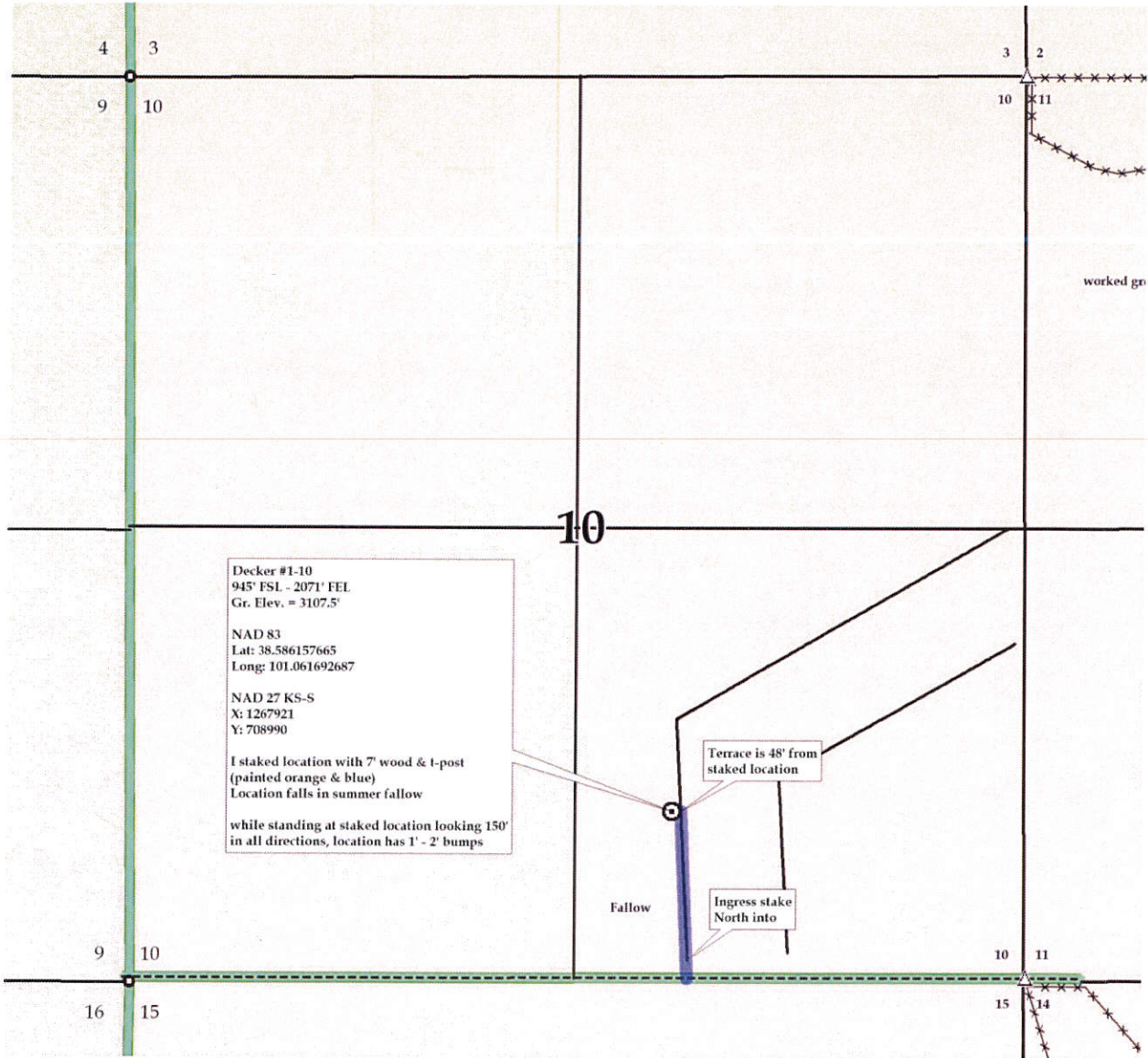
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- ⊙ prod. well / aband. well
- house
- building
- G— gas line
- W— water line
- E— transmission powerline
- 3 phase powerline
- * * * single phase powerline
- x-x-x-x fence
- Gravel / sand rd.
- Gravel trail / lease rd.
- Dirt rd.
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00-17s-34w-J2022
CRD NO.

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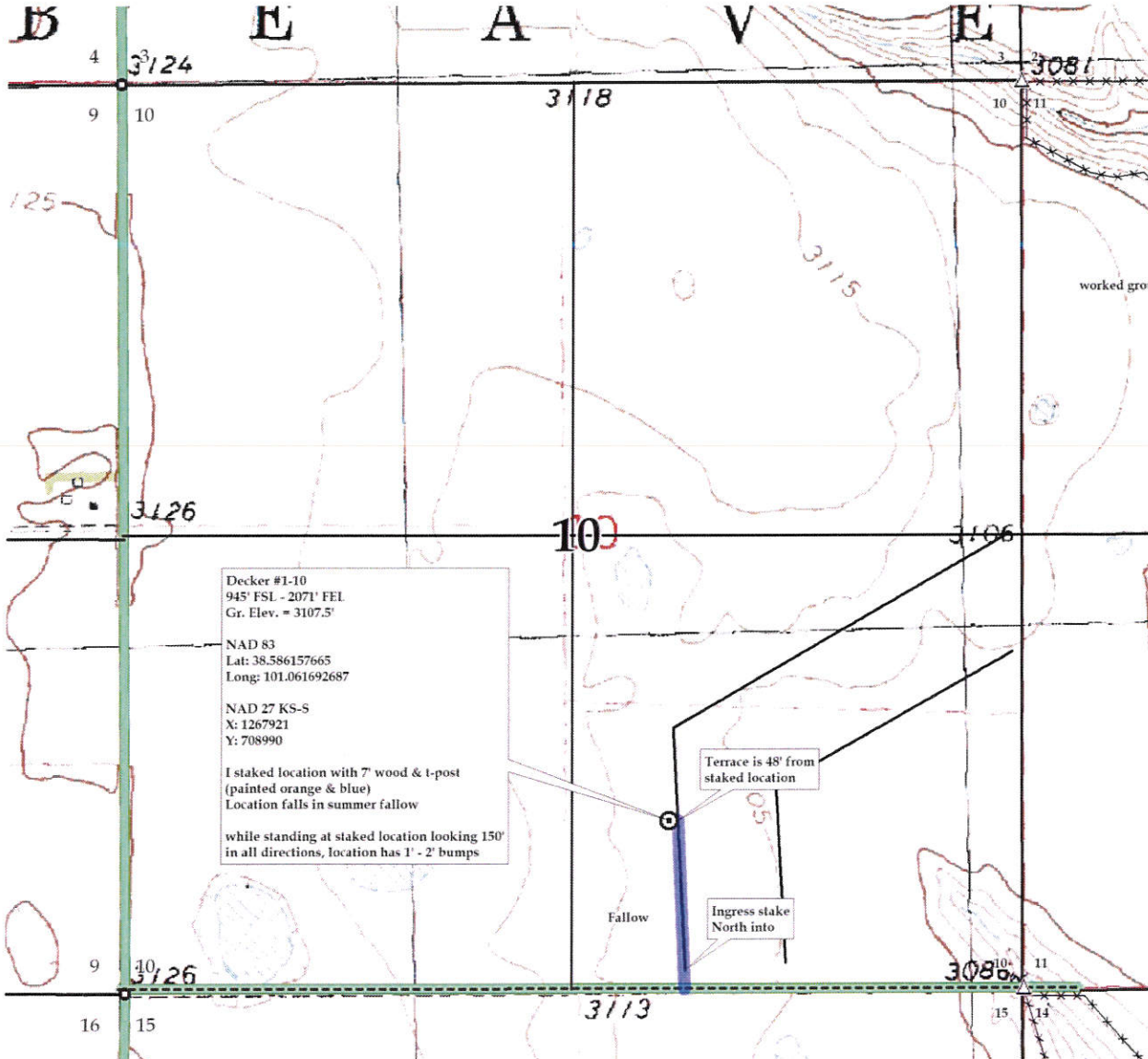
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DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc**

4900 Woodway Dr
Suite 880
Houston, TX 77056

ATTN: Terry McLeod

Decker #1-10

10-17S-34W Scott,KS

Start Date: 2022.07.13 @ 11:10:00

End Date: 2022.07.13 @ 21:13:10

Job Ticket #: 69208 DST #: 1

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

Printed: 2022.07.20 @ 16:55:34



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Landmark Resources Inc

10-17S-34W Scott,KS

4900 Woodway Dr
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Decker #1-10

Job Ticket: 69208

DST#: 1

Test Start: 2022.07.13 @ 11:10:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:38:10

Time Test Ended: 21:13:10

Test Type: Conventional Bottom Hole (Initial)

Tester: Martine Salinas

Unit No: 81

Interval: 4480.00 ft (KB) To 4500.00 ft (KB) (TVD)

Reference Elevations: 3116.00 ft (KB)

Total Depth: 4500.00 ft (KB) (TVD)

3108.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8734 Outside

Press@RunDepth: 268.61 psig @ 4481.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.07.13

End Date:

2022.07.13

Last Calib.: 2022.07.13

Start Time: 11:10:01

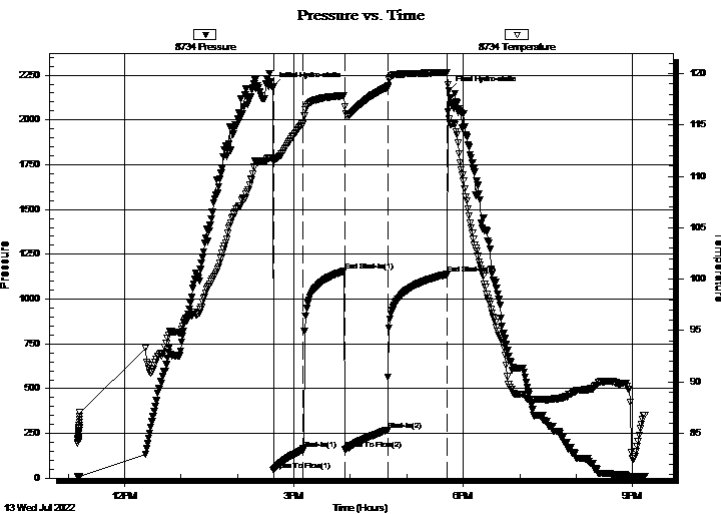
End Time:

21:13:10

Time On Btm: 2022.07.13 @ 14:37:50

Time Off Btm: 2022.07.13 @ 17:45:09

TEST COMMENT: 30-IF-B.O.B @ 10 mins (blow built to 26 1/4"
45-ISI-Return blow built to 1 1/2"
45-FF-B.O.B @ 15 mins (blow built to 29")
60-FSI-Return blow built to 3 1/4"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2184.46	111.75	Initial Hydro-static
1	44.62	111.45	Open To Flow (1)
32	158.64	115.17	Shut-In(1)
76	1156.24	117.87	End Shut-In(1)
77	159.75	116.76	Open To Flow (2)
122	268.61	118.68	Shut-In(2)
186	1137.91	120.12	End Shut-In(2)
188	2163.32	115.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM 20%G, 20%O, 60%M	0.30
675.00	CGO 29%G, 71%O	8.40
0.00	120' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources Inc

10-17S-34W Scott,KS

4900 Woodway Dr
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Decker #1-10

Job Ticket: 69208

DST#: 1

Test Start: 2022.07.13 @ 11:10:00

Tool Information

Drill Pipe:	Length: 4305.00 ft	Diameter: 3.80 inches	Volume: 60.39 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 177.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 61.26 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	35.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	4480.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Change Over Sub	1.00			4448.00	
Shut In Tool	5.00			4453.00	
Hydraulic tool	5.00	1113		4458.00	
Jars	5.00	01-07		4463.00	
EM Tool	5.00			4468.00	
Safety Joint	3.00	-001		4471.00	
Packer - Shale	5.00			4476.00	
Packer	4.00			4480.00	33.00 Bottom Of Top Packer
Stubb	1.00			4481.00	
Recorder	0.00	8959	Inside	4481.00	
Recorder	0.00	8734	Outside	4481.00	
Perforations	14.00			4495.00	
Bullnose	5.00			4500.00	20.00 Anchor Tool

Total Tool Length: 53.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources Inc

10-17S-34W Scott,KS

4900 Woodway Dr
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Decker #1-10

Job Ticket: 69208

DST#: 1

Test Start: 2022.07.13 @ 11:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 53.00 sec/qt

Water Loss: 7.96 in³

Resistivity: ohm.m

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: 24.6 deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GOCM 20%G, 20%O, 60%M	0.295
675.00	CGO 29%G, 71%O	8.403
0.00	120' GIP	0.000

Total Length: 735.00 ft Total Volume: 8.698 bbl

Num Fluid Samples: 0

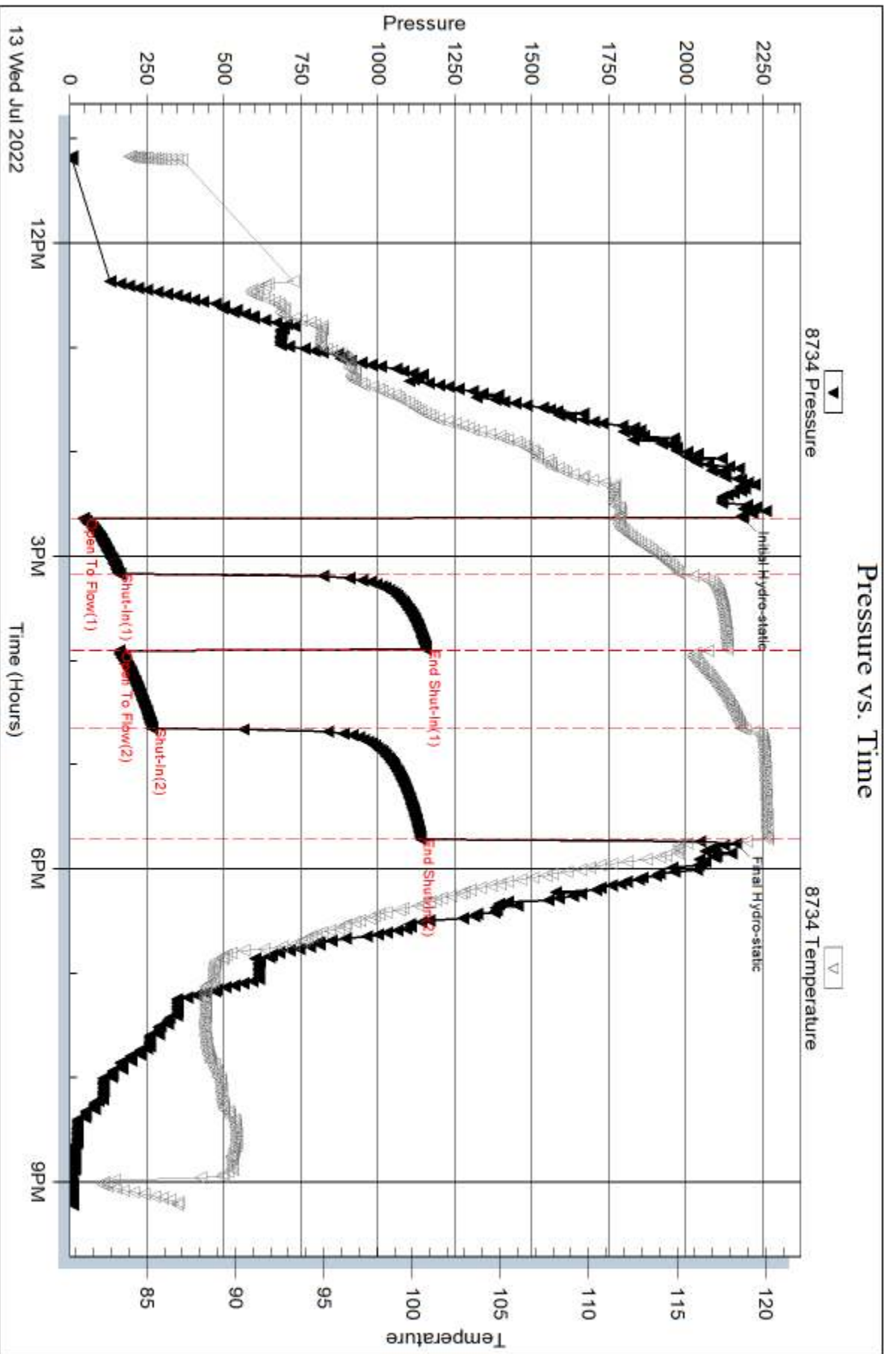
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity of oil = 28.2 @ 96 degs corrected to 24.6 @ 60 degs



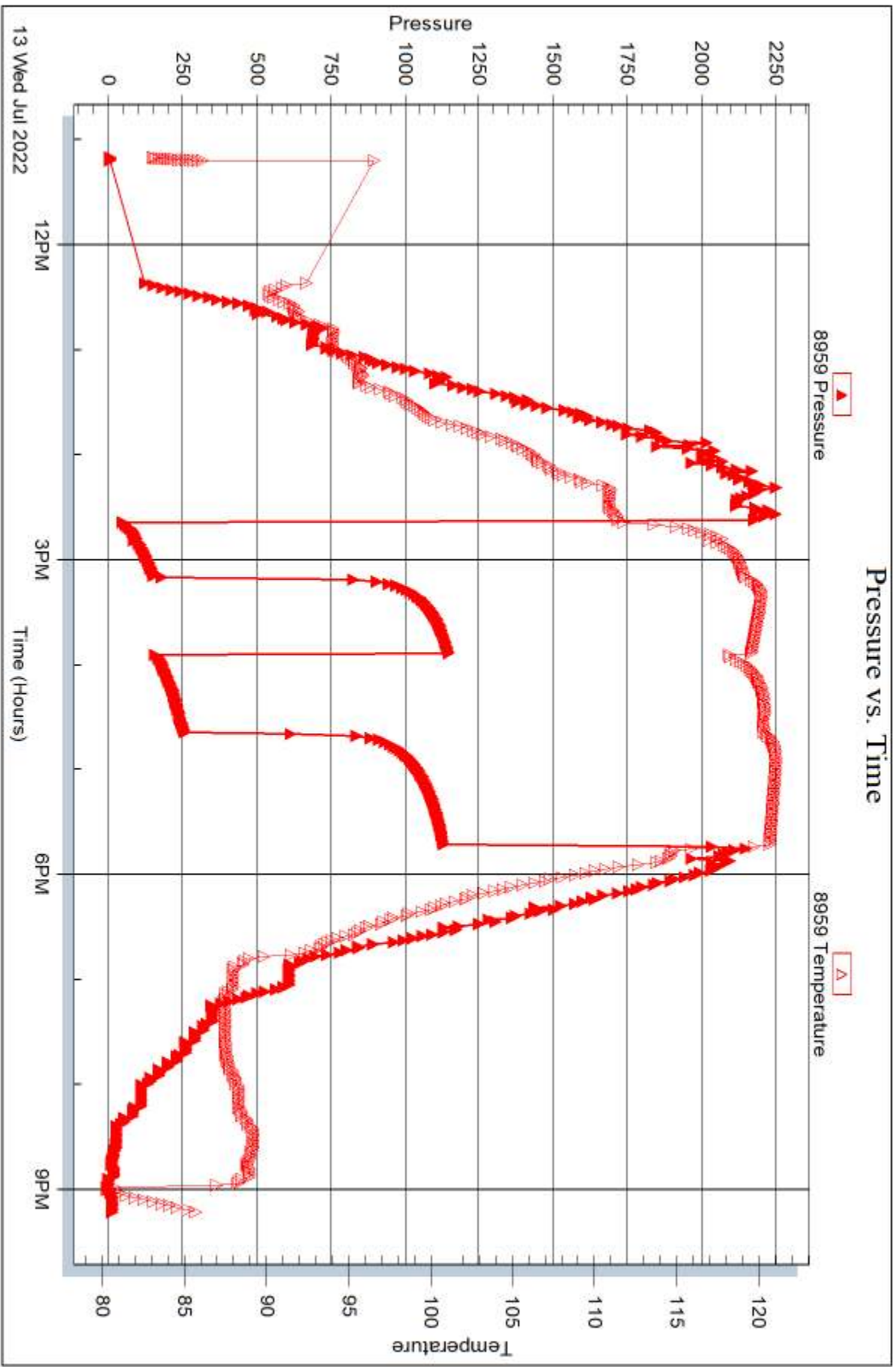
Serial #: 8959

Inside

Landmark Resources Inc

Decker #1-10

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 69208

Printed: 2022.07.20 @ 16:55:37



DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc**

4900 Woodway Dr
Suite 880
Houston, TX 77056

ATTN: Terry McLeod

Decker #1-10

10-17S-34W Scott,KS

Start Date: 2022.07.14 @ 09:45:00

End Date: 2022.07.14 @ 19:22:30

Job Ticket #: 68132 DST #: 2

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

Printed: 2022.07.20 @ 16:54:33



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Landmark Resources Inc

10-17S-34W Scott,KS

4900 Woodway Dr
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Decker #1-10

Job Ticket: 68132

DST#: 2

Test Start: 2022.07.14 @ 09:45:00

GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:05:45

Time Test Ended: 19:22:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 81

Interval: 4496.00 ft (KB) To 4520.00 ft (KB) (TVD)

Reference Elevations: 3116.00 ft (KB)

Total Depth: 4520.00 ft (KB) (TVD)

3108.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8874 Outside

Press@RunDepth: 181.98 psig @ 4497.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.07.14

End Date:

2022.07.14

Last Calib.:

2022.07.14

Start Time: 09:45:05

End Time:

19:22:30

Time On Btm:

2022.07.14 @ 13:05:30

Time Off Btm:

2022.07.14 @ 16:19:15

TEST COMMENT: IF: BOB @ 12 min.- 21" blow

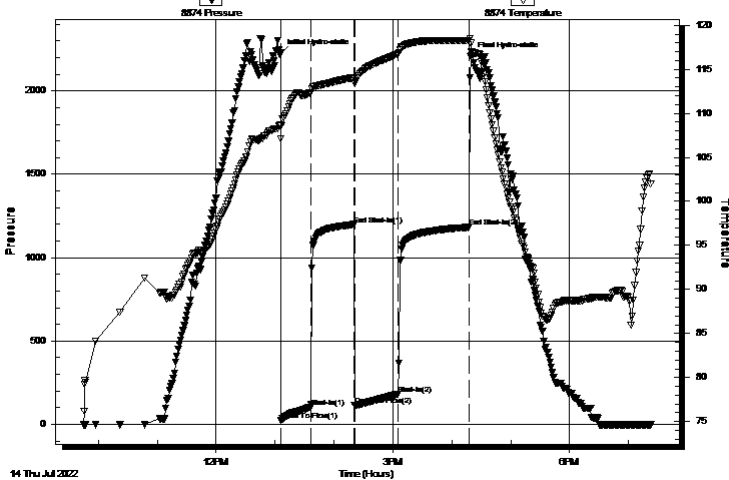
IS: 1 3/4" return.

FF: BOB @ 25 min. 13" blow.

FSI 1" return.

30-45-45-60

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2226.80	108.65	Initial Hydro-static
1	21.73	107.12	Open To Flow (1)
31	102.92	112.33	Shut-In(1)
75	1198.23	114.06	End Shut-In(1)
76	112.79	113.46	Open To Flow (2)
120	181.98	116.79	Shut-In(2)
193	1182.44	118.25	End Shut-In(2)
194	2204.74	117.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	gocm 25g 30o 45m	0.30
470.00	gsmco 35g 3m 62o	5.53
0.00	280' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Landmark Resources Inc

10-17S-34W Scott,KS

4900 Woodway Dr
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Decker #1-10

Job Ticket: 68132

DST#: 2

Test Start: 2022.07.14 @ 09:45:00

GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:05:45

Time Test Ended: 19:22:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 81

Interval: 4496.00 ft (KB) To 4520.00 ft (KB) (TVD)

Total Depth: 4520.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3116.00 ft (KB)

3108.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8319

Inside

Press@RunDepth: psig @ 4497.00 ft (KB)

Start Date: 2022.07.14

End Date: 2022.07.14

Start Time: 09:45:05

End Time: 19:22:30

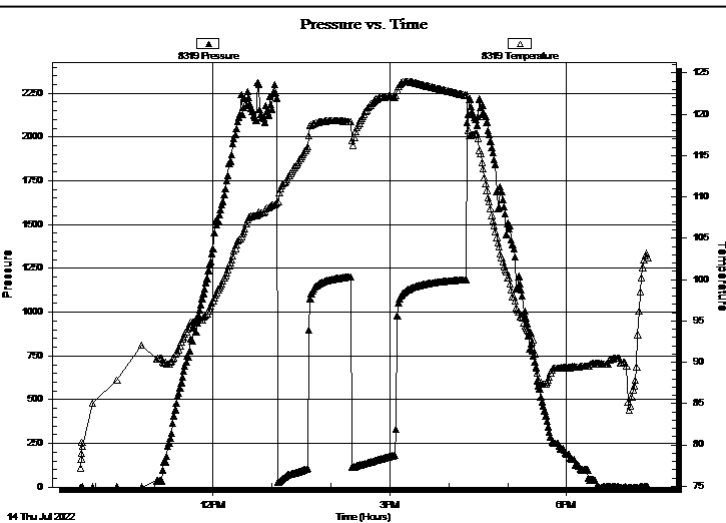
Capacity: 8000.00 psig

Last Calib.: 2022.07.14

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB @ 12 min.- 21" blow
IS: 1 3/4" return.
FF: BOB @ 25 min. 13" blow .
FSI 1" return. 30-45-45-60



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	gocm 25g 30o 45m	0.30
470.00	gsmco 35g 3m 62o	5.53
0.00	280' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources Inc

10-17S-34W Scott,KS

4900 Woodway Dr
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Decker #1-10

Job Ticket: 68132

DST#: 2

Test Start: 2022.07.14 @ 09:45:00

Tool Information

Drill Pipe:	Length: 4309.00 ft	Diameter: 3.80 inches	Volume: 60.44 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 177.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 61.31 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4496.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	54.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4467.00	
Shut In Tool	5.00			4472.00	
Hydraulic tool	5.00			4477.00	
Jars	5.00			4482.00	
EM Tool	3.00			4485.00	
Safety Joint	2.00			4487.00	
Packer	5.00			4492.00	30.00 Bottom Of Top Packer
Packer	4.00			4496.00	
Stubb	1.00			4497.00	
Recorder	0.00	8319	Inside	4497.00	
Recorder	0.00	8874	Outside	4497.00	
Perforations	20.00			4517.00	
Bullnose	3.00			4520.00	24.00 Bottom Packers & Anchor

Total Tool Length: 54.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources Inc

10-17S-34W Scott,KS

4900 Woodway Dr
Suite 880

Decker #1-10

Houston, TX 77056

Job Ticket: 68132

DST#: 2

ATTN: Terry McLeod

Test Start: 2022.07.14 @ 09:45:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

22 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	gocm 25g 30o 45m	0.295
470.00	gsmco 35g 3m 62o	5.527
0.00	280' GIP	0.000

Total Length: 530.00 ft

Total Volume: 5.822 bbl

Num Fluid Samples: 0

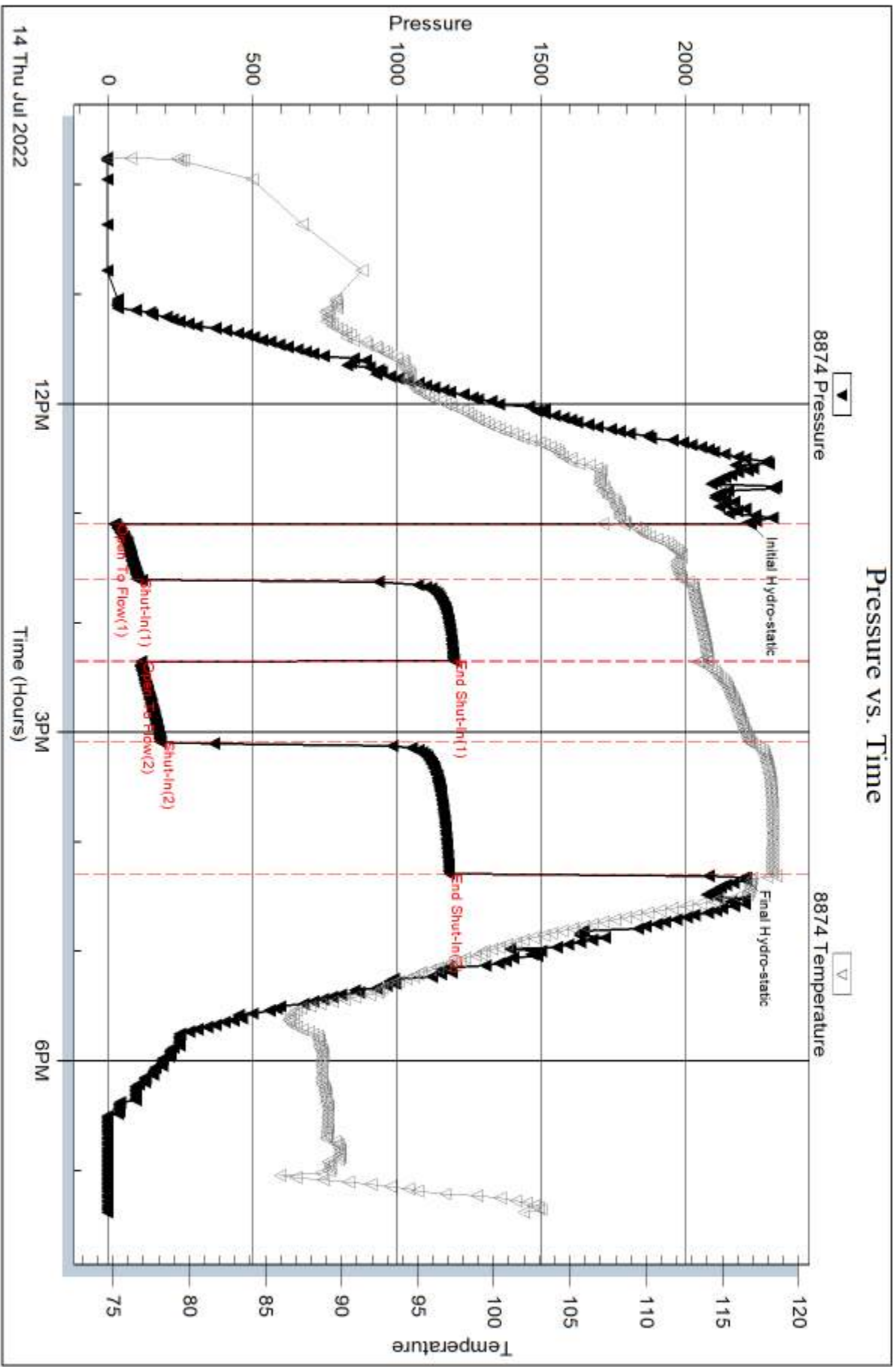
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



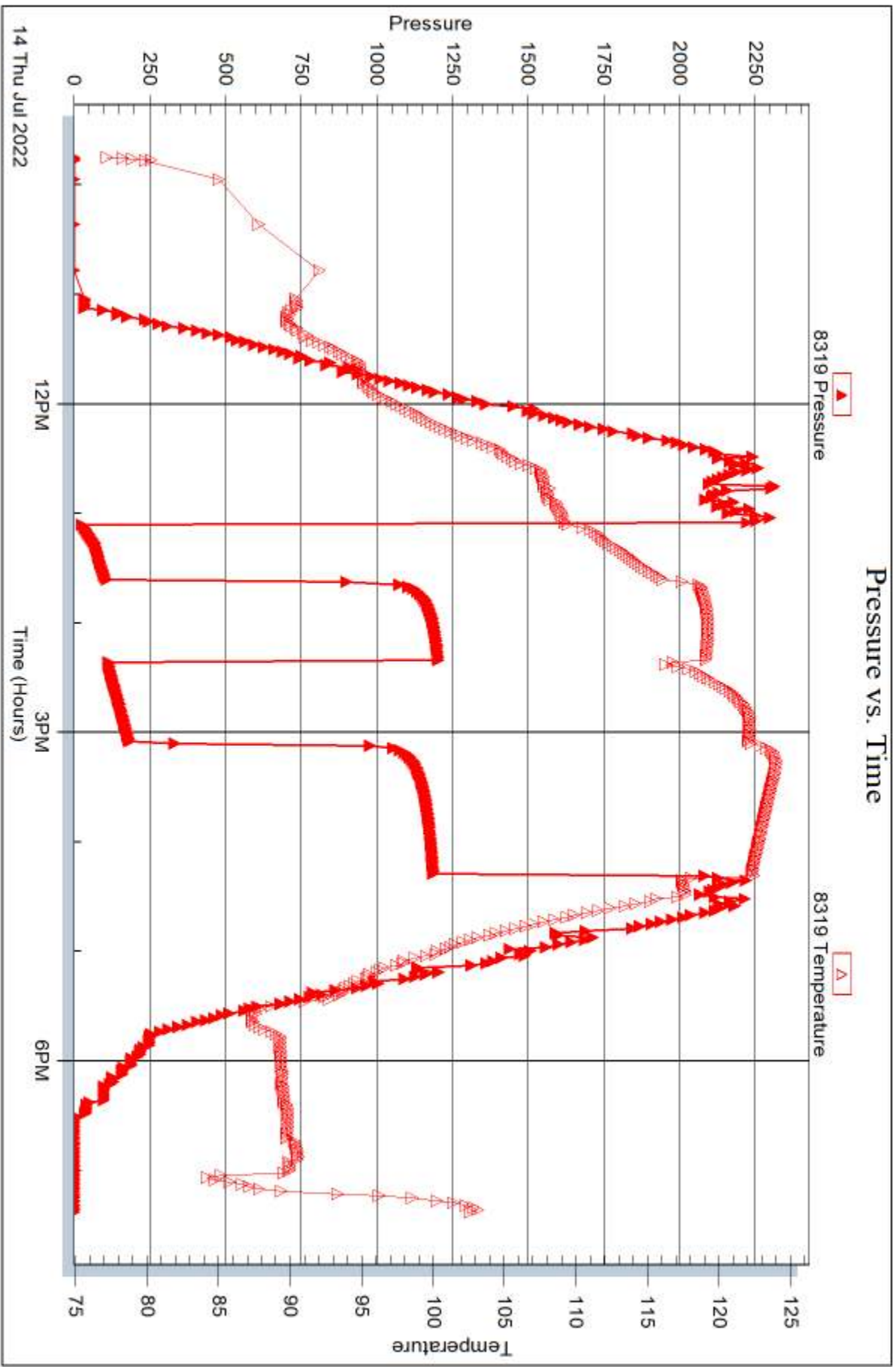
Serial #: 8319

Inside

Landmark Resources Inc

Decker #1-10

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 68132

Printed: 2022.07.20 @ 16:54:34



DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc**

4900 Woodway Dr
Suite 880
Houston, TX 77056

ATTN: Terry McLeod

Decker #1-10

10-17S-34W Scott,KS

Start Date: 2022.07.16 @ 00:02:00

End Date: 2022.07.16 @ 11:05:15

Job Ticket #: 68133 DST #: 3

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

Printed: 2022.07.20 @ 16:53:38



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Landmark Resources Inc

10-17S-34W Scott,KS

4900 Woodway Dr
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Decker #1-10

Job Ticket: 68133

DST#: 3

Test Start: 2022.07.16 @ 00:02:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:01:30

Time Test Ended: 11:05:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 81

Interval: 4693.00 ft (KB) To 4765.00 ft (KB) (TVD)

Reference Elevations: 3116.00 ft (KB)

Total Depth: 4765.00 ft (KB) (TVD)

3108.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8874 Outside

Press@RunDepth: 114.07 psig @ 4694.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.07.16

End Date:

2022.07.16

Last Calib.:

2022.07.16

Start Time:

00:02:05

End Time:

11:05:15

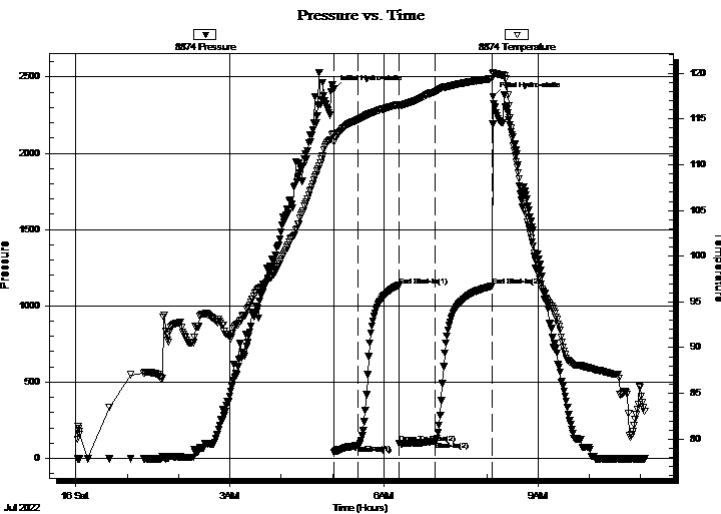
Time On Btm:

2022.07.16 @ 05:01:00

Time Off Btm:

2022.07.16 @ 08:07:15

TEST COMMENT: IF: 5 1/2" blow .
IS: 3/4" return.
FF: 14 1/2" blow .
FS: 2" return. 30-45-45-60



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2418.98	113.43	Initial Hydro-static
1	35.87	112.48	Open To Flow (1)
29	84.85	114.95	Shut-In(1)
76	1133.02	116.59	End Shut-In(1)
77	97.05	116.39	Open To Flow (2)
119	114.07	117.99	Shut-In(2)
185	1128.73	119.41	End Shut-In(2)
187	2370.05	120.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	gw mco 10g 15w 35m 40o	1.75
0.00	60' GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Landmark Resources Inc

10-17S-34W Scott,KS

4900 Woodway Dr
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Decker #1-10

Job Ticket: 68133

DST#: 3

Test Start: 2022.07.16 @ 00:02:00

GENERAL INFORMATION:

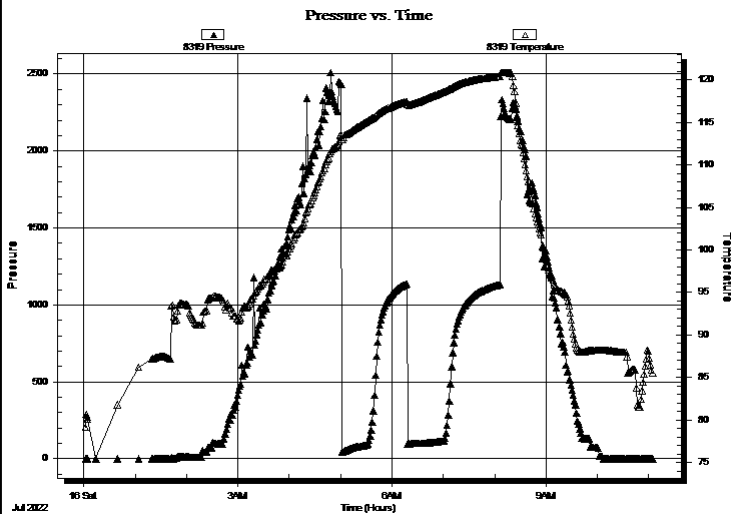
Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 05:01:30 Tester: Martine Salinas
 Time Test Ended: 11:05:15 Unit No: 81
 Interval: **4693.00 ft (KB) To 4765.00 ft (KB) (TVD)** Reference Elevations: 3116.00 ft (KB)
 Total Depth: 4765.00 ft (KB) (TVD) 3108.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8319

Inside

Press@RunDepth: psig @ 4694.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.07.16 End Date: 2022.07.16 Last Calib.: 2022.07.16
 Start Time: 00:02:05 End Time: 11:05:15 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: 5 1/2" blow .
 IS: 3/4" return.
 FF: 14 1/2" blow .
 FS: 2" return. 30-45-45-60



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
240.00	gw mco 10g 15w 35m 40o	1.75
0.00	60' GIP	0.00

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

10-17S-34W Scott,KS

4900 Woodway Dr
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Decker #1-10

Job Ticket: 68133

DST#: 3

Test Start: 2022.07.16 @ 00:02:00

Tool Information

Drill Pipe:	Length: 4501.00 ft	Diameter: 3.80 inches	Volume: 63.14 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 177.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 64.01 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	4693.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	72.00 ft			
Tool Length:	102.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Change Over Sub	1.00			4664.00	
Shut In Tool	5.00			4669.00	
Hydraulic tool	5.00			4674.00	
Jars	5.00			4679.00	
EM Tool	3.00			4682.00	
Safety Joint	2.00			4684.00	
Packer	5.00			4689.00	30.00 Bottom Of Top Packer
Packer	4.00			4693.00	
Stubb	1.00			4694.00	
Recorder	0.00	8319	Inside	4694.00	
Recorder	0.00	8874	Outside	4694.00	
Perforations	3.00			4697.00	
Change Over Sub	1.00			4698.00	
Drill Pipe	63.00			4761.00	
Change Over Sub	1.00			4762.00	
Bullnose	3.00			4765.00	72.00 Bottom Packers & Anchor
Total Tool Length:	102.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources Inc

10-17S-34W Scott,KS

4900 Woodway Dr
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Decker #1-10

Job Ticket: 68133

DST#: 3

Test Start: 2022.07.16 @ 00:02:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 60.00 sec/qt

Water Loss: 8.77 in³

Resistivity: ohm.m

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

0 deg API

Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	gw mco 10g 15w 35m 40o	1.754
0.00	60' GIP	0.000

Total Length: 240.00 ft Total Volume: 1.754 bbl

Num Fluid Samples: 0

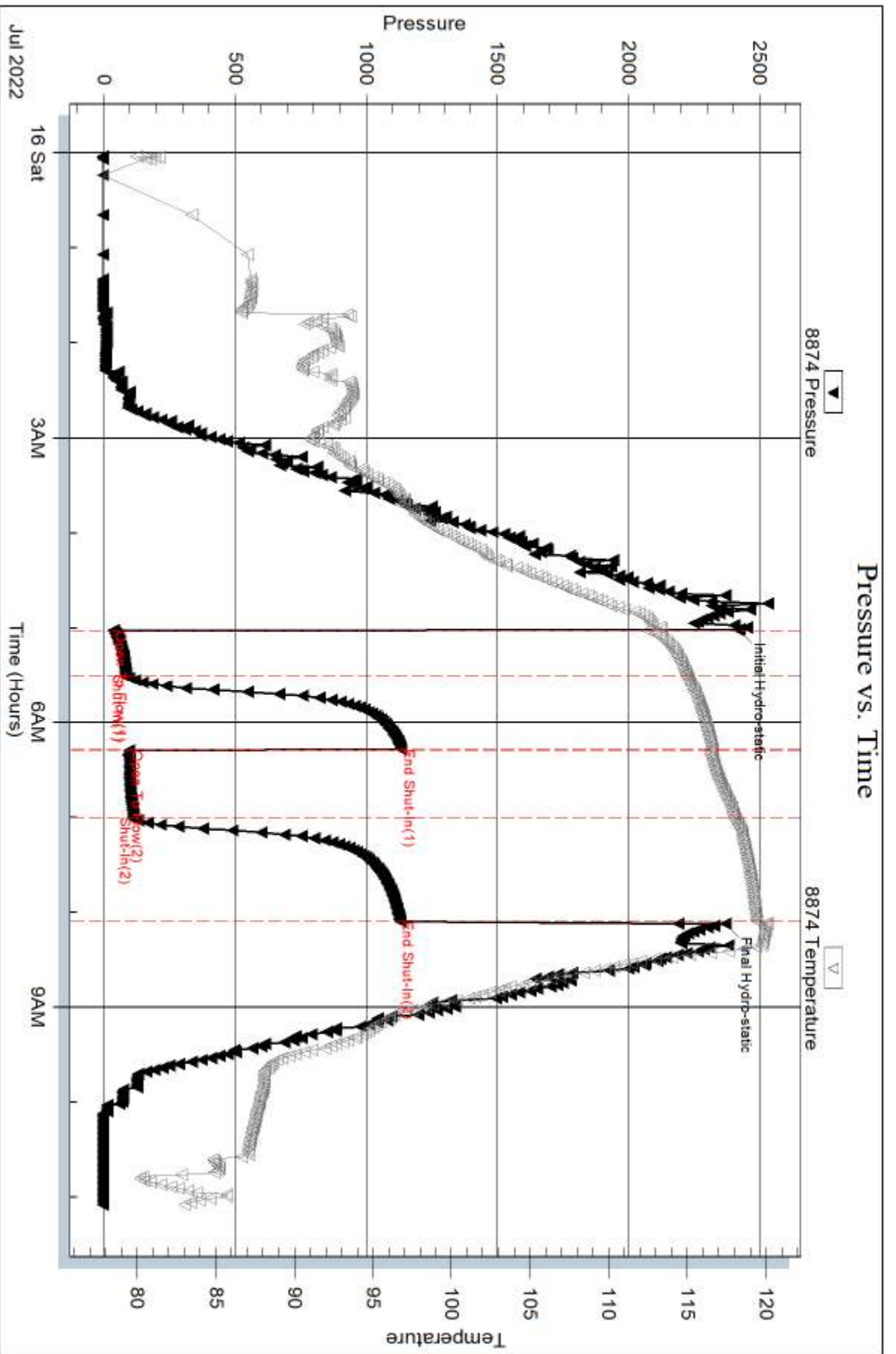
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



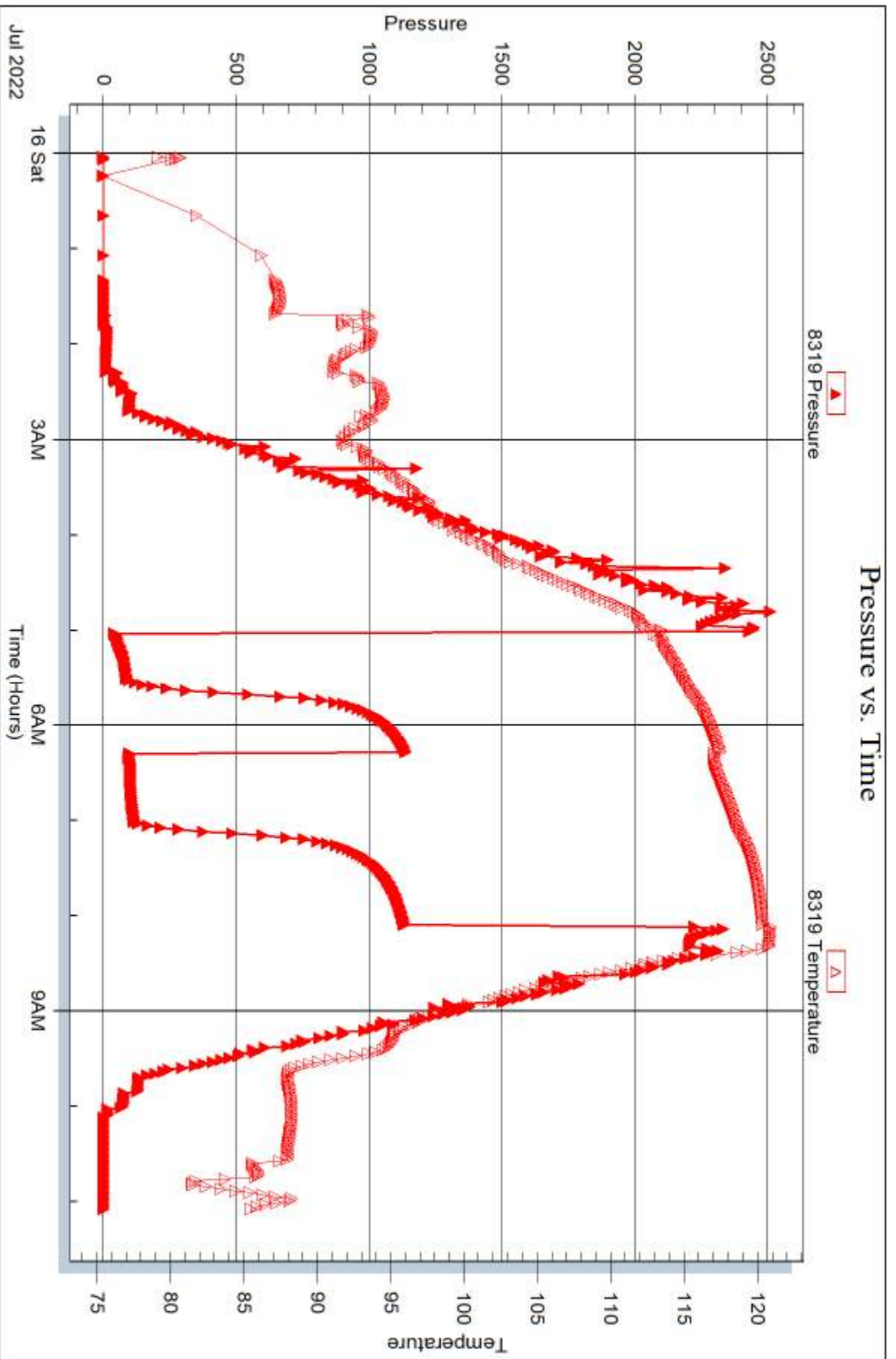
Serial #: 8319

Inside

Landmark Resources Inc

Decker #1-10

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 68133

Printed: 2022.07.20 @ 16:53:39



DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc**

4900 Woodway Dr
Suite 880
Houston, TX 77056

ATTN: Terry McLeod

Decker #1-10

10-17S-34W Scott,KS

Start Date: 2022.07.17 @ 21:48:00

End Date: 2022.07.18 @ 09:01:30

Job Ticket #: 68187 DST #: 4

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

Printed: 2022.07.20 @ 16:50:09



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Landmark Resources Inc

10-17S-34W Scott,KS

4900 Woodway Dr
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Decker #1-10

Job Ticket: 68187

DST#: 4

Test Start: 2022.07.17 @ 21:48:00

GENERAL INFORMATION:

Formation: **Altumont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:45:50

Time Test Ended: 09:01:30

Test Type: Conventional Straddle (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 4532.00 ft (KB) To 4544.00 ft (KB) (TVD)

Reference Elevations: 3116.00 ft (KB)

Total Depth: 4923.00 ft (KB) (TVD)

3108.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 9045 Inside

Press@RunDepth: 175.27 psig @ 4543.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.07.17 End Date: 2022.07.18

Last Calib.: 2022.07.18

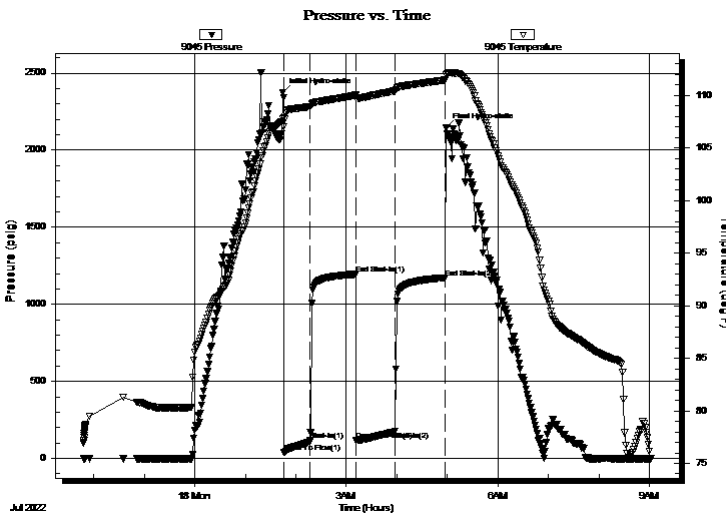
Start Time: 21:48:01 End Time: 09:01:30

Time On Btm: 2022.07.18 @ 01:44:10

Time Off Btm: 2022.07.18 @ 04:58:50

TEST COMMENT: IF: Strong Blow, BOB in 19 minutes, Built to 18.62 inches
IS: Blow Back Built to 1 inch
FF: Strong Blow, BOB in 20 minutes, Built to 19.98 inches
FS: Blow Back Built to .65 inches

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2373.36	107.74	Initial Hydro-static
2	39.75	107.00	Open To Flow (1)
33	118.83	108.93	Shut-In(1)
87	1195.15	110.01	End Shut-In(1)
88	118.62	109.73	Open To Flow (2)
134	175.27	110.42	Shut-In(2)
194	1172.28	111.45	End Shut-In(2)
195	2145.83	111.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
118.00	WMCO 30%W 30%M 40%O	0.58
59.00	MCO 40%M 60%O	0.29
368.00	Heavy Oil	5.16
0.00	131 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Landmark Resources Inc

10-17S-34W Scott,KS

4900 Woodway Dr
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Decker #1-10

Job Ticket: 68187

DST#: 4

Test Start: 2022.07.17 @ 21:48:00

GENERAL INFORMATION:

Formation: **Altмонт**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:45:50

Time Test Ended: 09:01:30

Test Type: Conventional Straddle (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 4532.00 ft (KB) To 4544.00 ft (KB) (TVD)

Reference Elevations: 3116.00 ft (KB)

Total Depth: 4923.00 ft (KB) (TVD)

3108.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8357 Below (Straddle)

Press@RunDepth: psig @ 4920.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.07.17 End Date: 2022.07.18

Last Calib.: 2022.07.18

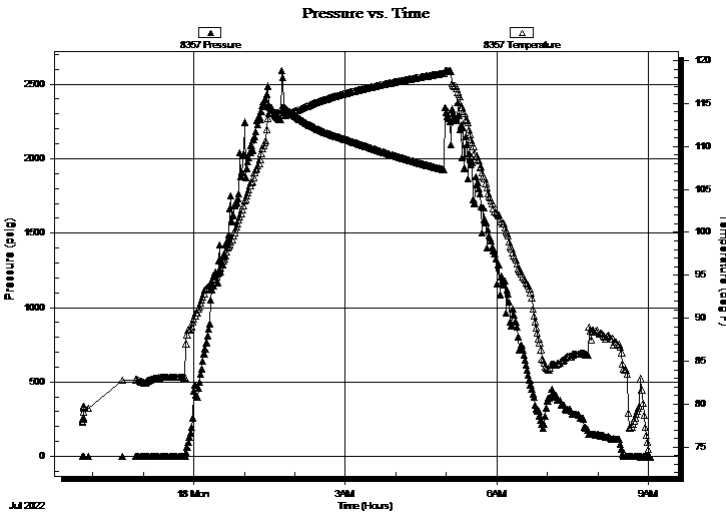
Start Time: 21:48:01 End Time: 09:01:40

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong Blow , BOB in 19 minutes, Built to 18.62 inches
IS: Blow Back Built to 1 inch
FF: Strong Blow , BOB in 20 minutes, Built to 19.98 inches
FS: Blow Back Built to .65 inches

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
118.00	WMCO 30%W 30%M 40%O	0.58
59.00	MCO 40%M 60%O	0.29
368.00	Heavy Oil	5.16
0.00	131 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Landmark Resources Inc

10-17S-34W Scott,KS

4900 Woodway Dr
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Decker #1-10

Job Ticket: 68187

DST#: 4

Test Start: 2022.07.17 @ 21:48:00

GENERAL INFORMATION:

Formation: **Altmont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:45:50

Time Test Ended: 09:01:30

Test Type: Conventional Straddle (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 4532.00 ft (KB) To 4544.00 ft (KB) (TVD)

Total Depth: 4923.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3116.00 ft (KB)

3108.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8940 Outside

Press@RunDepth: psig @ 4543.00 ft (KB)

Start Date: 2022.07.17

End Date: 2022.07.18

Start Time: 21:48:05

End Time: 09:01:45

Capacity: 8000.00 psig

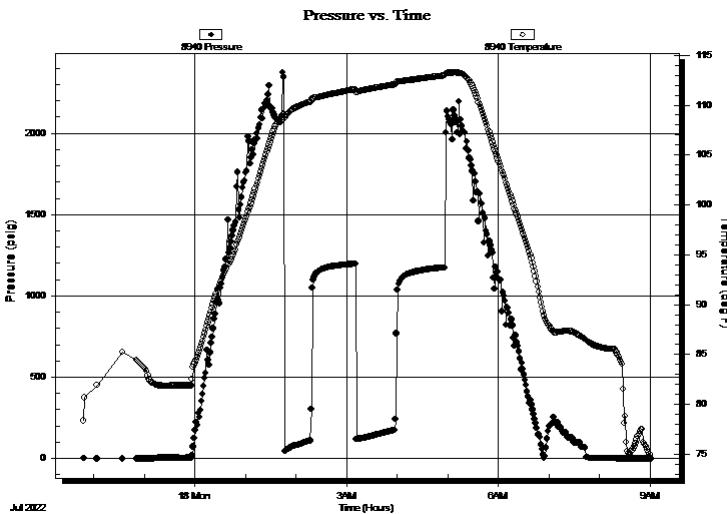
Last Calib.: 2022.07.18

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong Blow, BOB in 19 minutes, Built to 18.62 inches
IS: Blow Back Built to 1 inch
FF: Strong Blow, BOB in 20 minutes, Built to 19.98 inches
FS: Blow Back Built to .65 inches

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
118.00	WMCO 30%W 30%M 40%O	0.58
59.00	MCO 40%M 60%O	0.29
368.00	Heavy Oil	5.16
0.00	131 GIP	0.00

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

10-17S-34W Scott,KS

4900 Woodway Dr
Suite 880

Decker #1-10

Houston, TX 77056

Job Ticket: 68187

DST#: 4

ATTN: Terry McLeod

Test Start: 2022.07.17 @ 21:48:00

Tool Information

Drill Pipe:	Length: 4341.00 ft	Diameter: 3.80 inches	Volume: 60.89 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 177.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 61.76 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4532.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	4544.00 ft			
Interval between Packers:	12.00 ft			
Tool Length:	420.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments: Shale Packer on Bottom
Successful Straddle

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4508.00	
Hydraulic tool	5.00			4513.00	
Jars	5.00			4518.00	
EM Tool	3.00			4521.00	
Safety Joint	2.00			4523.00	
Packer	5.00			4528.00	29.00 Bottom Of Top Packer
Packer	4.00			4532.00	
Stubb	1.00			4533.00	
Perforations	10.00			4543.00	
Recorder	0.00	9045	Inside	4543.00	
Recorder	0.00	8940	Outside	4543.00	
blank Off Sub	1.00			4544.00	12.00 Tool Interval
Packer	3.00			4547.00	
Change Over Sub	1.00			4548.00	
Drill Pipe	344.00			4892.00	
Change Over Sub	1.00			4893.00	
Perforations	27.00			4920.00	
Recorder	0.00	8357	Below	4920.00	
Bullnose	3.00			4923.00	379.00 Bottom Packers & Anchor

Total Tool Length: 420.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources Inc

10-17S-34W Scott,KS

4900 Woodway Dr
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Decker #1-10

Job Ticket: 68187

DST#: 4

Test Start: 2022.07.17 @ 21:48:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 8.76 in³

Resistivity: ohm.m

Salinity: 7200.00 ppm

Filter Cake: 0.02 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity: 32000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
118.00	WMCO 30%W 30%M 40%O	0.580
59.00	MCO 40%M 60%O	0.290
368.00	Heavy Oil	5.162
0.00	131 GIP	0.000

Total Length: 545.00 ft Total Volume: 6.032 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

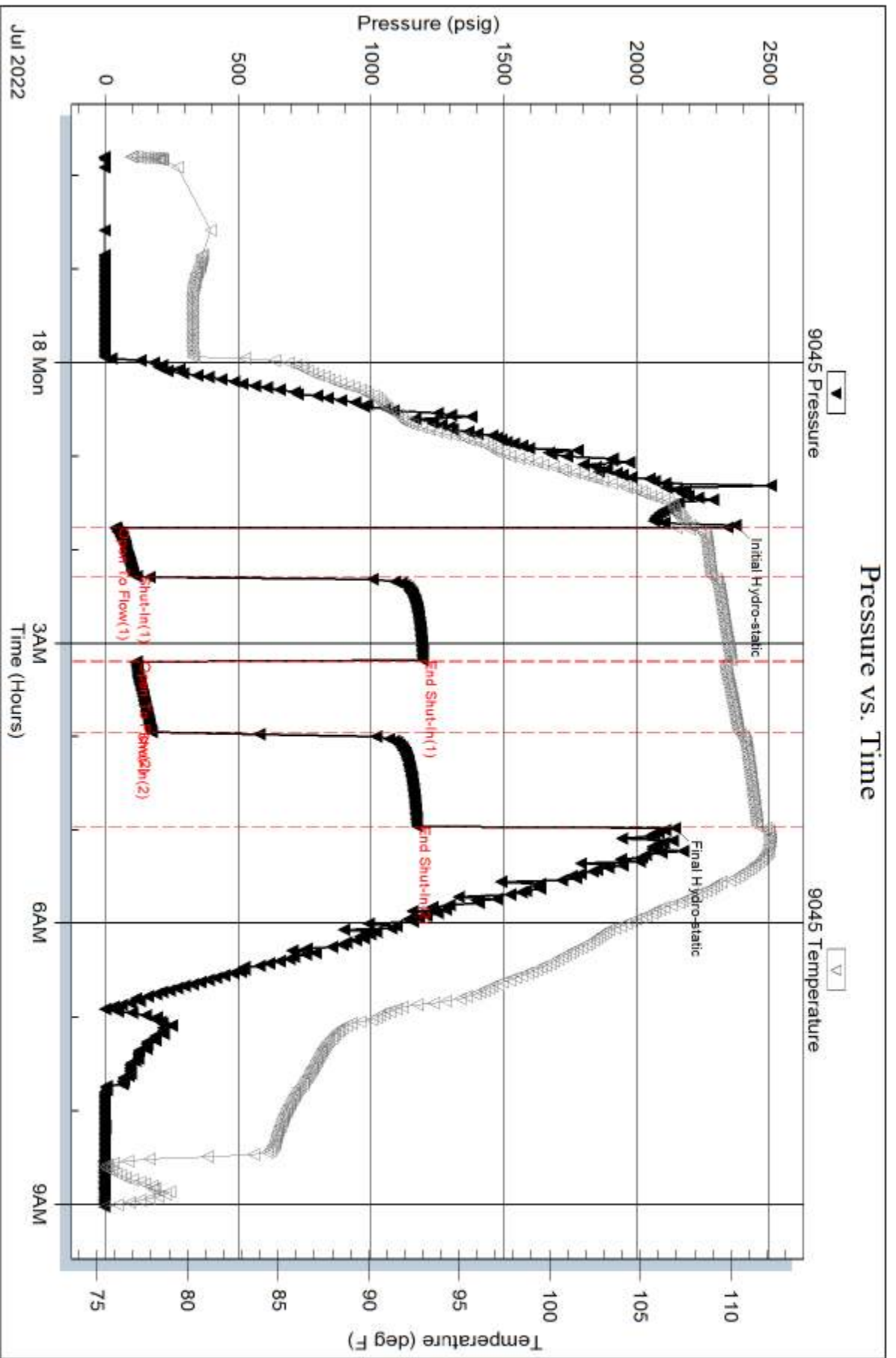
Serial #:

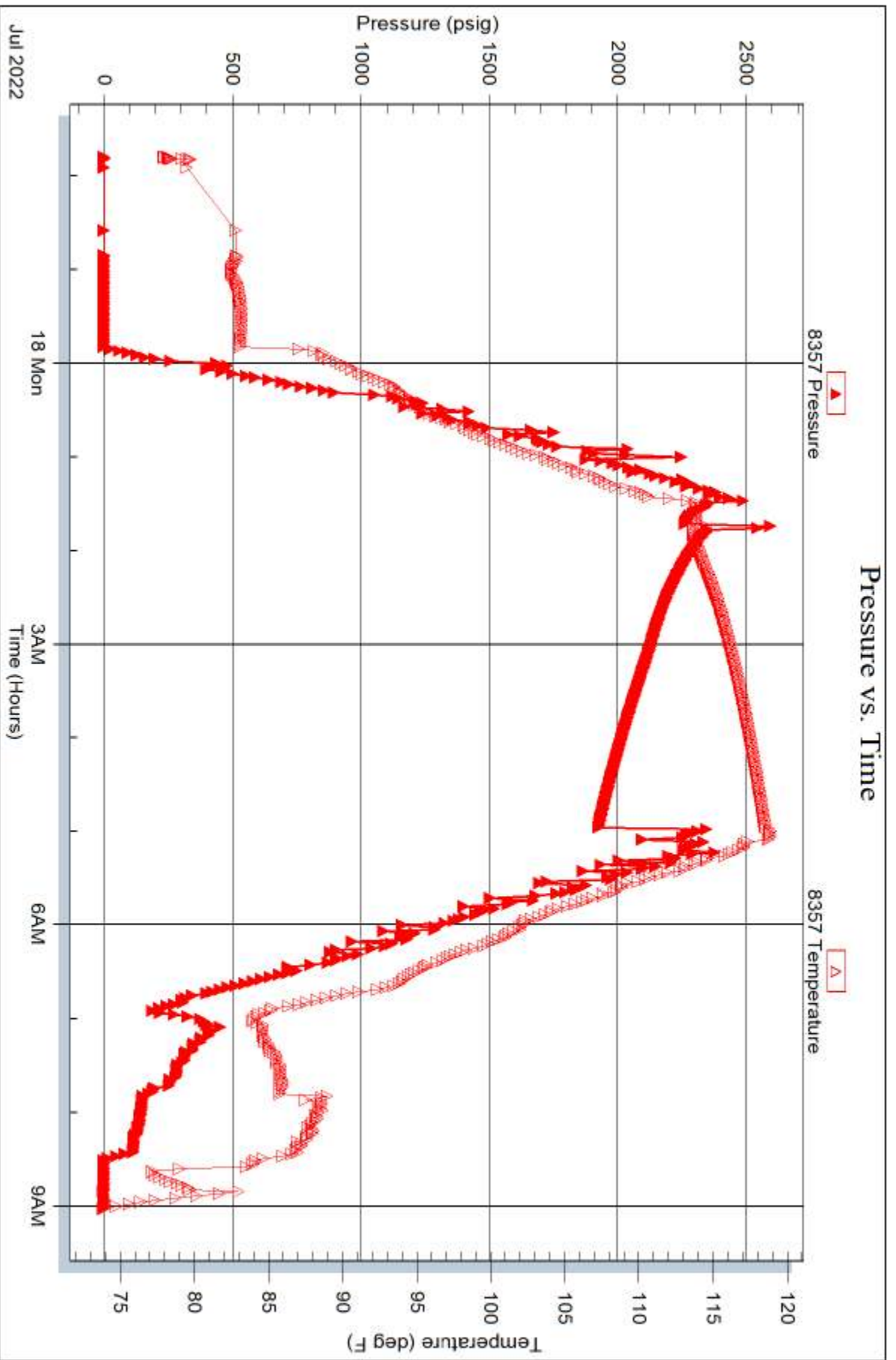
Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .2 @ 75 degrees

Oil w as too thick to check gravity



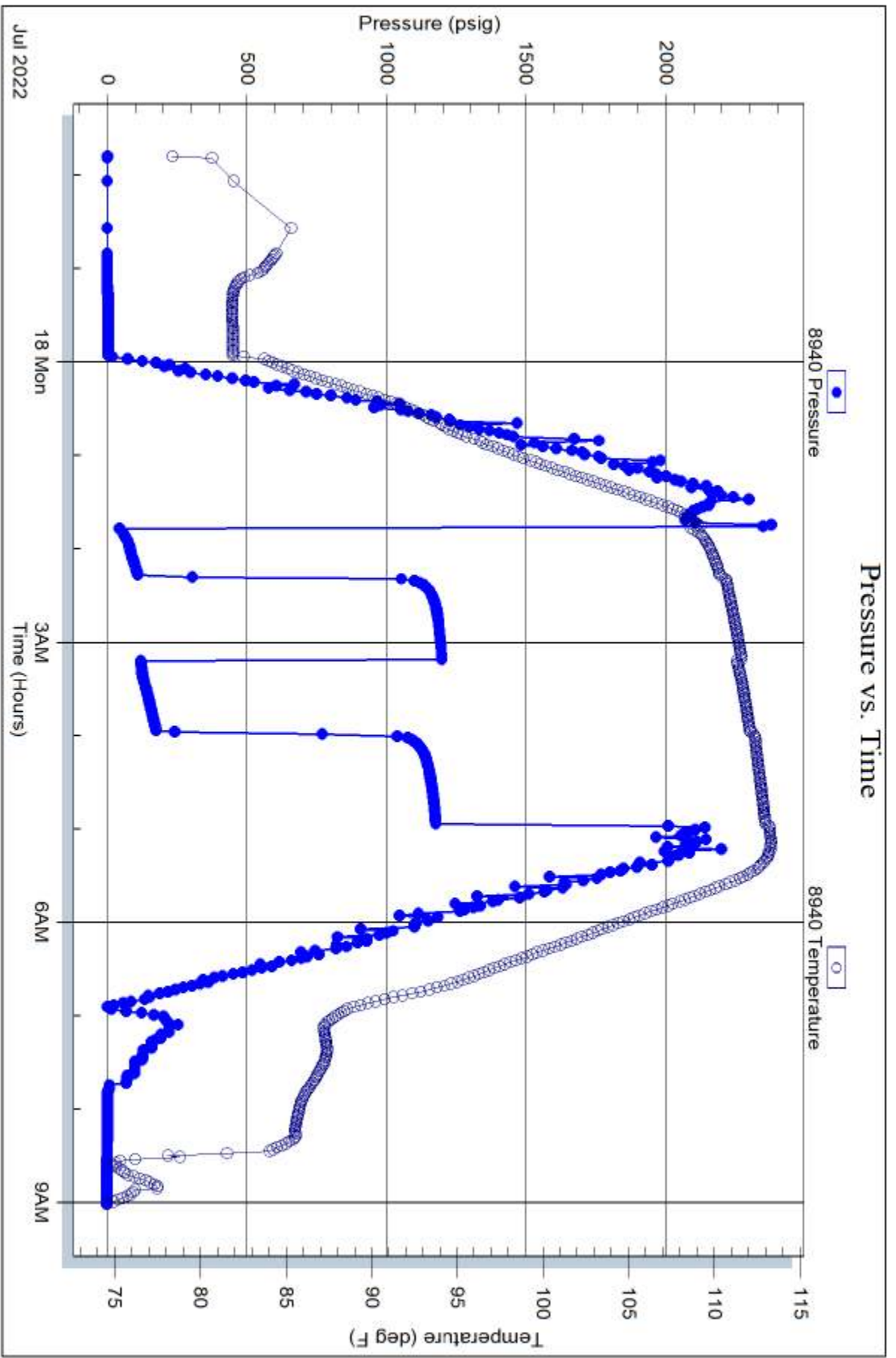


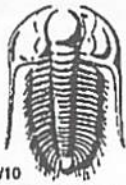
Serial #: 8940

Outside Landmark Resources Inc

Decker #1-10

DST Test Number: 4





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **69208**

Well Name & No. Decker #1-10 Test No. 1 Date 7-13-22
 Company Landmark Resources Inc. Elevation 3116 KB 3108 GL
 Address 4900 Woodway Dr. Suite 880, Houston, TX 77056
 Co. Rep / Geo. Terry McLeod Rig Murfin #112
 Location: Sec. 10 Twp 17S. Rge. 34W. Co. Scott State KS

Interval Tested 4480-4500 Zone Tested Marmaton
 Anchor Length 20' Drill Pipe Run 4305 Mud Wt. 9.1
 Top Packer Depth 4475 (Shale) Drill Collars Run 177 Vis 53
 Bottom Packer Depth 4480 Wt. Pipe Run — WL 2.0
 Total Depth 4500 Chlorides 3000 ppm System LCM 3#
 Blow Description IF-B.O.B @ 11 inches @ 10 mins (blow built to 26 1/4")
ISF - Return blow built to 1 1/2"
FF-B.O.B @ 15 mins (blow increased to 29")
FSI - Return blow built to 3 1/4"

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>600-620</u>	<u>20</u>	<u>20</u>	<u>60</u>	
<u>675</u>	<u>660</u>	<u>29</u>	<u>71</u>		
<u>0</u>	<u>120' GIP</u>				

Rec Total 735 BHT 116 Gravity 24.6 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2184</u>	<input checked="" type="checkbox"/> Test <u>1950</u>	T-On Location <u>08:30</u>
(B) First Initial Flow <u>45</u>	<input checked="" type="checkbox"/> Jars <u>300</u>	T-Started <u>11:10</u>
(C) First Final Flow <u>159</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>14:38</u>
(D) Initial Shut-In <u>1156</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>17:38</u>
(E) Second Initial Flow <u>160</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>21:13</u>
(F) Second Final Flow <u>269</u>	<input checked="" type="checkbox"/> Mileage <u>38RT.</u> <u>57</u>	Comments
(G) Final Shut-In <u>1138</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2163</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool <u>-350</u>
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>45</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>-350</u>
	<input type="checkbox"/> Accessibility	Total <u>2207</u>
	Sub Total <u>2557</u>	MP/DST Disc't

Approved By _____ Our Representative Mattie Palmer
 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. 68132

Well Name & No. Decker #1-10 Test No. 2 Date 7/14/2022
 Company Landmark Resources, Inc Elevation 3116 KB 3108 GL
 Address Houston Tx
 Co. Rep / Geo. Terry McLeod Rig Martin 112
 Location: Sec. 10 Twp 17S Rge. 34W Co. Scott State KS

Interval Tested 4496-4520 Zone Tested Altamont
 Anchor Length 24' Drill Pipe Run 4309 Mud Wt. 9.1
 Top Packer Depth 4491 Drill Collars Run 177 Vls 45
 Bottom Packer Depth 4496 Wt. Pipe Run — WL 8.8
 Total Depth 4520 Chlorides 4000 ppm System LCM 4H
 Blow Description IF BOB @ 12 min. 21"
ISI 1 3/4" return.
FF BOB @ 25 min. - 13 1/4" blow.
FST 1" return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>470</u>	<u>65MCO</u>	<u>35</u>	<u>62</u>	<u>3</u>	
<u>60</u>	<u>60CM</u>	<u>25</u>	<u>30</u>	<u>45</u>	
	<u>280 GIP</u>				

Rec Total 530 BHT 118 Gravity 22 API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic 2226 Test 1950 T-On Location 0900
 (B) First Initial Flow 21 Jars 300 T-Started 0945
 (C) First Final Flow 102 Safety Joint _____ T-Open 1300
 (D) Initial Shut-In 1198 Circ Sub _____ T-Pulled 1600
 (E) Second Initial Flow 112 Hourly Standby _____ T-Out 1923
 (F) Second Final Flow 181 Mileage 57 Comments _____
 (G) Final Shut-In 1182 Sampler _____
 (H) Final Hydrostatic 2204 Straddle _____
 Shale Packer 250 EM Tool _____
 Extra Packer _____ Ruined Shale Packer _____
 Extra Recorder _____ Ruined Packer _____
 Day Standby _____ Sub Total 0
 Accessibility _____ Total 2557
 Sub Total 2557 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68133

Well Name & No. Decker #1-10 Test No. 3 Date 7/16/2022
 Company Landmark Resources, Inc Elevation 3116 KB 3108 GL
 Address Houston, Tx
 Co. Rep / Geo. Terry McLeod Rig Mudman 112
 Location: Sec. 10 Twp 17S Rge. 34W Co. Scott State Ks

Interval Tested 4693-4765 Zone Tested Johnson
 Anchor Length 72 Drill Pipe Run 4501 Mud Wt. 9.1
 Top Packer Depth 4687 Drill Collars Run 177 Vis 60
 Bottom Packer Depth 4693 Wt. Pipe Run 0 WL 8.8
 Total Depth 4765 Chlorides 6,000 ppm System LCM 3rd

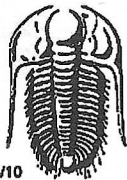
Blow Description IF 5 1/2" blow.
ISI No return.
FF 14 1/2" blow.
FSL 2" return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>240</u>	<u>GW MCO</u>	<u>10</u>	<u>40</u>	<u>15</u>	<u>3.5</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 240 BHT 120 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic <u>2418</u>	<input checked="" type="checkbox"/> Test <u>1950</u>	T-On Location <u>2200 7/15</u>
(B) First Initial Flow <u>35</u>	<input checked="" type="checkbox"/> Jars <u>300</u>	T-Started <u>0002</u>
(C) First Final Flow <u>84</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>0508</u>
(D) Initial Shut-In <u>1133</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>0800</u>
(E) Second Initial Flow <u>97</u>	<input checked="" type="checkbox"/> Hourly Standby <u>2h 200</u>	T-Out <u>1105</u>
(F) Second Final Flow <u>114</u>	<input checked="" type="checkbox"/> Mileage <u>57</u>	Comments
(G) Final Shut-In <u>1128</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2370</u>	<input type="checkbox"/> Straddle	
	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input checked="" type="checkbox"/> EM Tool <u>-175</u>
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Ruined Packer
Final Flow <u>45</u>	<input type="checkbox"/> Day Standby	<input type="checkbox"/> Extra Copies
Final Shut-In <u>60</u>	<input type="checkbox"/> Accessibility	Sub Total <u>-175</u>
	Sub Total <u>2757</u>	Total <u>2582</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 sustained 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. 68187

Well Name & No. Decker 1-10 Test No. 4 Date 07/17/22
 Company Landmark Resources Inc Elevation 3116 KB 3108 GL
 Address 4900 Woodway Dr Ste 880 Houston, TX 77056
 Co. Rep / Geo. Terry McLeod Rig Murfin 112
 Location: Sec. 10 Twp 17S Rge. 34W Co. SCOTT State KS

Interval Tested 4532 - 4544 Zone Tested Altumont
 Anchor Length 12 Drill Pipe Run 4341 Mud Wt. 9.4
 Top Packer Depth 4527 Drill Collars Run 177 Vis 55
 Bottom Packer Depth 4544 Wt. Pipe Run 0 WL 8.8
 Total Depth 4923 Chlorides 7200 ppm System LCM 2

Blow Description IF: Strong Blow, BOB in 19 minutes, Built to 18.62 inches
ISI: BLOW BACK Built to 1 inch
EF: Strong Blow, BOB in 20 minutes, Built to 19.98 inches
FSI: BLOW BACK Built to 65 inches

Rec	Feet of	%gas	%oil	%water	%mud
<u>131</u>	<u>GIP</u>				
<u>368</u>	<u>Heavy oil</u>		<u>100</u>		
<u>59</u>	<u>MCO</u>		<u>60</u>		<u>40</u>
<u>118</u>	<u>WMCO</u>		<u>40</u>	<u>30</u>	<u>30</u>

Rec Total 545 BHT 112 Gravity NIC API RW .2 @ 75 ° F Chlorides 32000 ppm

(A) Initial Hydrostatic <u>2373</u>	<input checked="" type="checkbox"/> Test <u>1950</u>	T-On Location <u>21:00</u>
(B) First Initial Flow <u>40</u>	<input checked="" type="checkbox"/> Jars <u>300</u>	T-Started <u>21:48</u>
(C) First Final Flow <u>119</u>	<input type="checkbox"/> Safety Joint	T-Open <u>01:45</u>
(D) Initial Shut-In <u>1195</u> 1000	<input type="checkbox"/> Circ Sub	T-Pulled <u>04:57</u>
(E) Second Initial Flow <u>119</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>09:01</u>
(F) Second Final Flow <u>175</u>	<input checked="" type="checkbox"/> Mileage <u>(40) Scott City</u>	Comments <u>Successful Straddle</u>
(G) Final Shut-In <u>1172</u>	<input type="checkbox"/> Sampler <u>57</u>	
(H) Final Hydrostatic <u>2145</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	<input checked="" type="checkbox"/> EM Tool
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>45</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>3157</u>
	Sub Total <u>3157</u>	MP/DST Disc't

Approved By Terry McLeod Our Representative [Signature]

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HP Oilfield Services, LLC
 383 Inverness Parkway, Suite 330
 Englewood, CO 80112

58774
 7-15-22
 \$6033.38 ✓

Invoice

Date	Invoice #
7/8/2022	26877

Bill To
Landmark Resources 4900 Woodway Dr. Suite #880 Houston, TX 77056

Lease
Decker #1-10

RECEIVED
 JUL 15 ENT'D

7/7/20

Order by / P.O. No.	Terms
	Net 30

Description	Unit	Hrs / Qty	U/M	Rate	Amount
Class A Cement Service for: Decker #1-10 Field Ticket #: 2523 K-C Description: Please see Attached Field Ticket					
Pump Charge for Cement	CMT-103	1	ea	1,150.00	1,150.00
Pumptruck Mileage	CMT-800	30	ea	7.15	214.50
Mileage Delivery of Bulk Material - Min Charge	CMT-800	1	ea	660.00	660.00
Surface Blend II, 2% Gel/3% CaCl	CMT	205	SKS	24.00	4,920.00T
Top Wooden Plug - 8 5/8" (4/Box)	CMT	1	ea	165.00	165.00T
Discount - Non-Taxable Items	CMT	1	ea	-404.90	-404.90
Discount - Taxable Items	CMT	1	ea	-1,017.00	-1,017.00T
Subtotal prior to Sales Taxes					5,687.60
KS & Scott County Sales Tax				8.50%	345.78

Thank you for your business.	Total \$6,033.38
------------------------------	-------------------------



785-953-0222

TICKET NUMBER **2523 K-C**
 LOCATION Houston, Ks
 FOREMAN Walt Dunkel

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-8-22		Decker #1-10	10	17S	34W	Scott
CUSTOMER <u>Leandmark Resources</u>			Pence 5-S 1/4 E			
MAILING ADDRESS						
CITY		STATE	ZIP CODE			

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 317' CASING SIZE & WEIGHT 8 5/8-23#
 CASING DEPTH 317 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 15-20'
 DISPLACEMENT 18.05 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Safety Meeting, Rig up on MurFin #12, Circ on Bottom
mix 205 sks cement, release Plug + Displace 18 BBL H₂O, Shut in
Cement Did Circ
Approx 2 BBL to Bit

Thank You
Walt & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	1	PUMP CHARGE	1,150 ⁰⁰	1,150 ⁰⁰
	30	MILEAGE	7 ¹⁵	214 ⁵⁰
	9.64	Tan Mileage Delivery	17 ⁷⁵	660 ⁰⁰
	205 sks	Surface Blend II	24 ⁰⁰	4920 ⁰⁰
	1	8 5/8 Wooden Plug	165 ⁰⁰	165 ⁰⁰
				7,109 ⁵⁰
		Less 20% Disc		- 1,421 ⁹⁰
				5,687 ⁶⁰
			SALES TAX	
			ESTIMATED	
			TOTAL	

AUTHORIZATION [Signature] TITLE Pusher DATE 7-8-22

I acknowledge that the payments 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.