

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 Recompletion Date _____ Date Reached TD _____ Completion Date or Recompletion Date _____

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

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

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</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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QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 WEST WICHITA AVE, RUSSELL KS 67665
 PHONE:785-324-1041 FAX:785-483-1087
 EMAIL: cementing@ruraltel.net

Date: 2/1/2021
 Invoice # 2169
 P.O.#:
 Due Date: 3/3/2021
 Division: Russell

Invoice

Contact:
 STRATA KAN EXPLORATION
Address/Job Location:

100 S. MILL
 Plainville Ks 67663

Reference:
 MONUMENT SOUTH 7-1 SEC 7-12-33

Description of Work:
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 641.27	No				
Common-Class A	120	\$ 1,776.75	Yes				
Calcium Chloride	6	\$ 241.50	Yes				
POZ Mix-Standard	30	\$ 150.94	Yes				
Bulk Truck Matl-Material Service Charge	159	\$ 114.28	No				
Premium Gel (Bentonite)	3	\$ 62.53	Yes				
Pump Truck Mileage-Job to Nearest Camp	16	\$ 51.75	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	16	\$ 40.25	No				

Invoice Terms:

Net 30

SubTotal: \$ 3,079.27
 Discount Available ONLY if Invoice is Paid & Received
 within listed terms of invoice: \$ (76.98)

SubTotal for Taxable Items: \$ 2,175.93
 SubTotal for Non-Taxable Items: \$ 826.36

8.00% Logan County Sales Tax

Total: \$ 3,002.29
 Tax: \$ 174.07

Thank You For Your Business!

Amount Due: \$ 3,176.36
Applied Payments:
Balance Due: \$ 3,176.36

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
 ©2008-2013 Straker Investments, LLC. All rights reserved.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

No. 2169

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

Date	Sec.	Twp.	Range	County	State	On Location	Finish
2-1-21	7	12	33	Logan	KS		8:30pm

Lease Monument South Well No. 7-1 Owner To Quality Oilwell Cementing, Inc.
 Contractor Discover #24 You are hereby requested to rent cementing equipment and furnish
 Type Job Surface cementer and helper to assist owner or contractor to do work as listed.
 Hole Size 12 1/4 T.D. 224 Charge To Strataken Exploration
 Csg. 8 5/8 Depth 223 Street _____
 Tbg. Size _____ Depth _____ City _____ State _____
 Tool _____ Depth _____ The above was done to satisfaction and supervision of owner agent or contractor.
 Cement Left in Csg. 0' Shoe Joint _____ Cement Amount Ordered 150 80/20 3/4 2.4EL
 Meas Line _____ Displace 13 1/2 ABC

EQUIPMENT			
Pumptrk	No.	Cementer	
5		Helper	
	No.	Driver	
Bulktrk		Driver	
9		Driver	
	No.	Driver	
Bulktrk		Driver	

JOB SERVICES & REMARKS

Remarks: _____
 Rat Hole _____
 Mouse Hole _____
 Centralizers _____
 Baskets _____
 D/V or Port Collar _____
8 5/8 on bottom. Est. Circulation.
Mix 150SK & Displa.

Cement Circulate!

Pumptrk Charge _____
 Mileage 16

Common	
Poz. Mix	
Gel.	
Calcium	
Hulls	
Salt	
Flowseal	
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	
Mileage	
FLOAT EQUIPMENT	
Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	
Mileage <u>16</u>	
Tax	
Discount	
Total Charge	

X Signature John Jacobson

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 2174

Date	2-11-21	Sec.	7	Twp.	12	Range	33	County	Logan	State	KS	On Location		Finish	7:00 AM
Lease								Location							
Manument South								Manument Les 1/4 W 1/2							
Well No. 7-1								Owner							
Contractor								To Quality Oilwell Cementing, Inc.							
Type Job								You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size								Charge To							
7 7/8								Stratexan Exploration							
Csg.								Street							
Depth								City							
Tbg. Size								State							
Tool								The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.								Cement Amount Ordered							
Shoe Joint								255 ^{lb} /40 4-1/4" 1/4 #10							
Meas Line								Displace							
EQUIPMENT								Common							
Pumptrk								153							
No. Cementer								Poz. Mix							
20								102							
No. Helper								Gel.							
No. Driver								9							
Bulktrk								Calcium							
No. Driver								Hulls							
No. Driver								Salt							
JOB SERVICES & REMARKS								Flowseal							
Remarks:								50 #							
Rat Hole								Kol-Seal							
30SK								Mud CLR 48							
Mouse Hole								CFL-117 or CD110 CAF 38							
15 SK								Sand							
Centralizers								Handling							
Baskets								264							
D/V or Port Collar								Mileage							
1st 2660 50SK								FLOAT EQUIPMENT							
2nd 800 100SK								Guide Shoe							
3rd 270 50SK								8 5/8 Day Hole Plug							
4th 40 10SK								Centralizer							
								Baskets							
								AFU Inserts							
								Float Shoe							
								Latch Down							
								Pumptrk Charge							
								16 Plug							
Signature								Tax							
[Signature]								Discount							
								Total Charge							

Thanks

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

– **TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

– **ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.

– **PRICES AND TAXES:** All merchandise listed in "QUALITY'S" current price schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

– **TOWING CHARGES:** QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

– **PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

– **DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

– **SERVICE CONDITIONS AND LIABILITIES:** 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

Geological Report

Monument South #7-1

805' FSL & 915' FEL

Sec. 7 T12s R33w

Logan County, Kansas



Monument South #7-1

General Data

Well Data: StrataKan Exploration, LLC.
Monument South #7-1
805' FSL & 915' FEL
Sec. 7 T12s R33w
Logan County, Kansas
API # 15-109-21610-0000

Drilling Contractor: Discovery Drilling Co., Inc. Rig #4

Geologist: Jason T Alm

Spud Date: February 1, 2021

Completion Date: February 11, 2021

Elevation: 3157' Ground Level
3165' Kelly Bushing

Directions: Monument KS, South 6 mi on 350 Rd. West 1/8 mi,
North into location

Casing: 221' 8 5/8" surface casing

Samples: 10' wet and dry, 3750' to RTD

Drilling Time: 3650' to RTD

Electric Logs: Midwest Wireline "J. Hendrickson"
CNL/CDL, DIL, MEL

Drillstem Tests: Three, Trilobite Testing, Inc. "Brandon Turley"

Problems: None

Remarks: Rig shut down on Sunday Feb 6th for the Super
Bowl. Deviation 1° @ 4312', 1¼° @ 4770'

Formation Tops

Formation	StrataKan Exploration, LLC.
	Monument South #7-1
	Sec. 7 T12s R33w
	805' FSL & 915' FEL
Anhydrite	2646' +519
Base	2669' +496
Topeka	3833' -668
Heebner	4053' -888
Toronto	4076' -911
Lansing	4096' -931
Stark	4327' -1162
BKC	4394' -1229
Marmaton	4425' -1260
Pawnee	4521' -1356
Fort Scott	4578' -1413
Cherokee	4606' -1441
Johnson	4650' -1485
Mississippian	4726' -1561
RTD	4770' -1605
LTD	4770' -1605

Sample Zone Descriptions

LKC I zone

(4288', -1123): Covered in DST #1

Ls – Fine crystalline, oolitic packstone in part with fair to scattered good oolitic porosity, light to fair oil stain in porosity, few rocks with light brown saturation, fair show of free oil, good odor, fair to good yellow fluorescents, good cut, few large calcite crystals, 25 units hotwire.

LKC K zone

(4340', -1175): Covered in DST #2

Ls – Fine crystalline, oolitic with poor to fair oolitic and scattered pinpoint inter-crystalline porosity, light to fair oil stain with very light spotted saturation, show of free oil on cup & in sample, fair to good odor, good yellow fluorescents, good cut, 32 units hotwire.

Johnson

(4650', -1485): Covered in DST #3

Ls – Fine crystalline with fair to scattered good vuggy and pinpoint inter-crystalline porosity, light to good oil stain with spotted light to fair saturation, good show of free oil on cup and sample, good odor, fair to good yellow fluorescents, very good cut, 85 units hotwire.

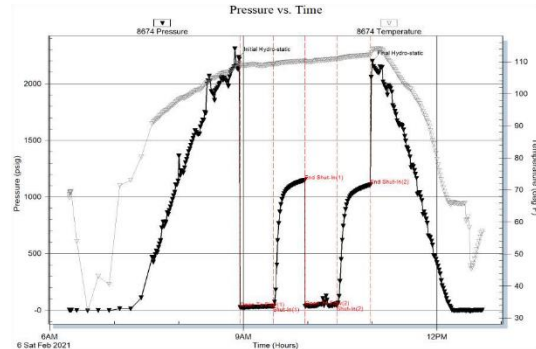
Drill Stem Tests
 Trilobite Testing, Inc.
 “Brandon Turley”

DST #1 LKC I zone

Interval (4276' – 4312') Anchor Length 36'

- IHP – 2232 #
- IFP – 30” – Built to ½ in. 24-35 #
- ISI – 30” – Dead 1146 #
- FFP – 30” – Built to ¾ in. 36-42 #
- FSI – 30” – Dead 1105 #
- FHP – 2198 #
- BHT – 113°F

Recovery: 35' Mud w/ oil spots

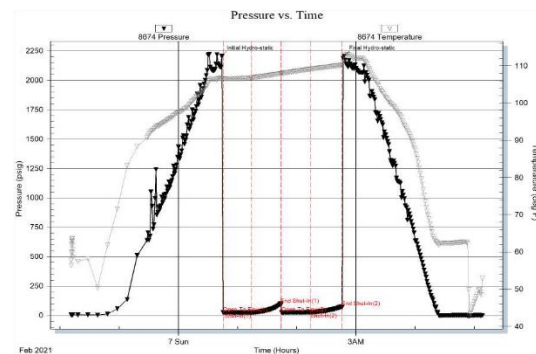


DST #2 LKC K zone

Interval (4328' – 4364') Anchor Length 36'

- IHP – 2206 #
- IFP – 30” – Built to 1 in. 24-24 #
- ISI – 30” – Dead 98 #
- FFP – 30” – Built to ¼ in. 24-25 #
- FSI – 30” – Dead 74 #
- FHP – 2205 #
- BHT – 112°F

Recovery: 10' Mud w/ oil spots

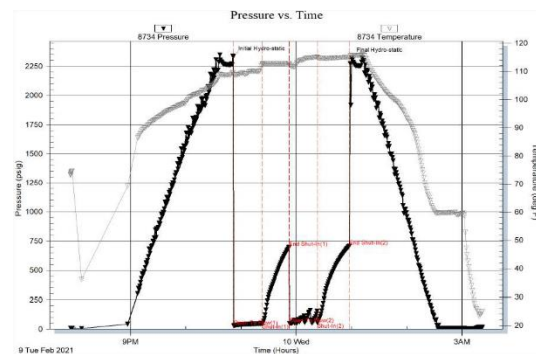


DST #3 Johnson

Interval (4628' – 4695') Anchor Length 67'

- IHP – 2352 #
- IFP – 30” – Built to 1 ¼ in. 30-47 #
- ISI – 30” – Dead 699 #
- FFP – 30” – Built to ¾ in. 49-55 #
- FSI – 30” – Dead 708 #
- FHP – 2320 #
- BHT – 115°F

Recovery: 10' Mud w/ oil spots



Structural Comparison

	StrataKan Exploration, LLC. Monument South #7-1 Sec. 7 T12s R33w 805' FSL & 915' FEL	Beren Corporation Bertrand #1 Sec. 7 T12s R33w 400' FNL & 1390' FEL	McCoy Petroleum Bouziden A #1-18 Sec. 18 T12s R33w 989' FNL & 1635' FEL		
Formation					
Anhydrite	2646' +519	521	(-3)	518	(+1)
Base	2669' +496	497	(-4)	496	FL
Topeka	3833' -668	-664	(-4)	-680	(+12)
Heebner	4053' -888	-887	(-1)	-886	(-2)
Toronto	4076' -911	-909	(-2)	-913	(+2)
Lansing	4096' -931	-927	(-4)	-934	(+3)
Stark	4327' -1162	-1165	(-3)	-1164	(+2)
BKC	4394' -1229	-1227	(-2)	-1226	(+7)
Marmaton	4425' -1260	-1266	(+6)	-1266	(+6)
Pawnee	4521' -1356	-1355	(-1)	-1363	(+7)
Fort Scott	4578' -1413	-1415	(+2)	-1420	(+7)
Cherokee	4606' -1441	-1442	(+1)	-1450	(+9)
Johnson	4650' -1485	-1487	(+2)	-1498	(+14)
Mississippian	4726' -1561	-1559	(-2)	-1580	(+19)

Summary

The location for the Monument South #7-1 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Three Drill Stem Tests were conducted all of which were negative. After all gathered data had been examined the decision was made to plug and abandon the Monument South #7-1 well.

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.



DRILL STEM TEST REPORT

Prepared For: **Stratakan Exploration LLC**

100 S Main St
Plainvillie, KS 67663

ATTN: Jason Alm

Monument South #7-1

7-12s-33w Logan,KS

Start Date: 2021.02.09 @ 19:55:00

End Date: 2021.02.10 @ 03:22:09

Job Ticket #: 66573 DST #: 3

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

Printed: 2021.02.11 @ 09:37:10



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Stratakan Exploration LLC

7-12s-33w Logan, KS

100 S Main St
Plainville, KS 67663

Monument South #7-1

ATTN: Jason Alm

Job Ticket: 66573

DST#: 3

Test Start: 2021.02.09 @ 19:55:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:51:50

Time Test Ended: 03:22:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

Interval: 4628.00 ft (KB) To 4695.00 ft (KB) (TVD)

Reference Elevations: 3165.00 ft (KB)

Total Depth: 4695.00 ft (KB) (TVD)

3157.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8734 Outside

Press@RunDepth: 55.42 psig @ 4629.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.02.09 End Date: 2021.02.10

Last Calib.: 2021.02.10

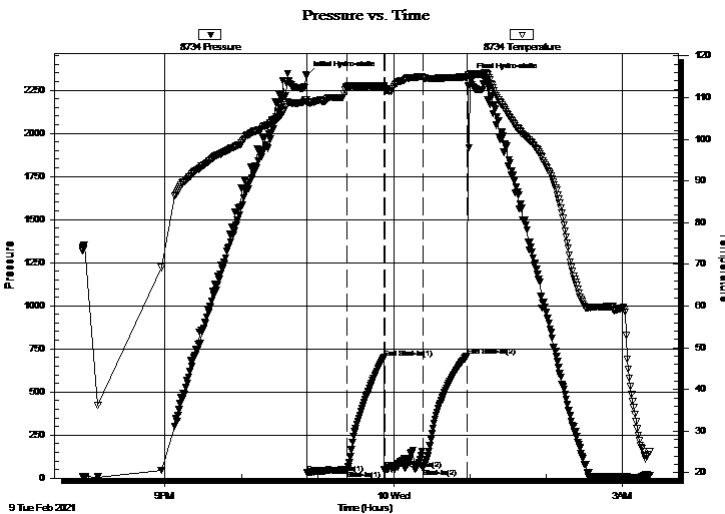
Start Time: 19:55:01 End Time: 03:22:10

Time On Btm: 2021.02.09 @ 22:51:30

Time Off Btm: 2021.02.10 @ 01:00:09

TEST COMMENT: 30-ISI-Surface blow built to 1 1/4"
30-ISI-No blow back
30-FF-Surface blow built to 3/4"
30-FSI-No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2333.18	109.57	Initial Hydro-static
1	30.18	108.85	Open To Flow (1)
32	47.78	112.56	Shut-In(1)
61	698.90	112.82	End Shut-In(1)
62	49.69	112.42	Open To Flow (2)
92	55.42	114.99	Shut-In(2)
127	707.97	114.99	End Shut-In(2)
129	2319.97	115.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% Mud W/Oil Spots	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

Stratakan Exploration LLC

7-12s-33w Logan, KS

100 S Main St
Plainville, KS 67663

Monument South #7-1

Job Ticket: 66573

DST#: 3

ATTN: Jason Alm

Test Start: 2021.02.09 @ 19:55:00

Tool Information

Drill Pipe:	Length: 4584.00 ft	Diameter: 3.80 inches	Volume: 64.30 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: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 64.45 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4628.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.00 ft			
Tool Length:	99.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Pulled 27K over STWT to come off bottom

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4601.00	
Hydraulic tool	5.00	1113		4606.00	
Jars	5.00	01-07		4611.00	
EM Tool	4.00			4615.00	
Safety Joint	3.00	-001		4618.00	
Packer	5.00			4623.00	32.00 Bottom Of Top Packer
Packer	5.00			4628.00	
Stubb	1.00			4629.00	
Recorder	0.00	8959	Inside	4629.00	
Recorder	0.00	8734	Outside	4629.00	
Perforations	29.00			4658.00	
Change Over Sub	1.00			4659.00	
Drill Pipe	32.00			4691.00	
Change Over Sub	1.00			4692.00	
Bullnose	3.00			4695.00	67.00 Bottom Packers & Anchor

Total Tool Length: 99.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stratakan Exploration LLC

7-12s-33w Logan,KS

100 S Main St
Plainville, KS 67663

Monument South #7-1

Job Ticket: 66573

DST#: 3

ATTN: Jason Alm

Test Start: 2021.02.09 @ 19:55:00

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100% Mud W/Oil Spots	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

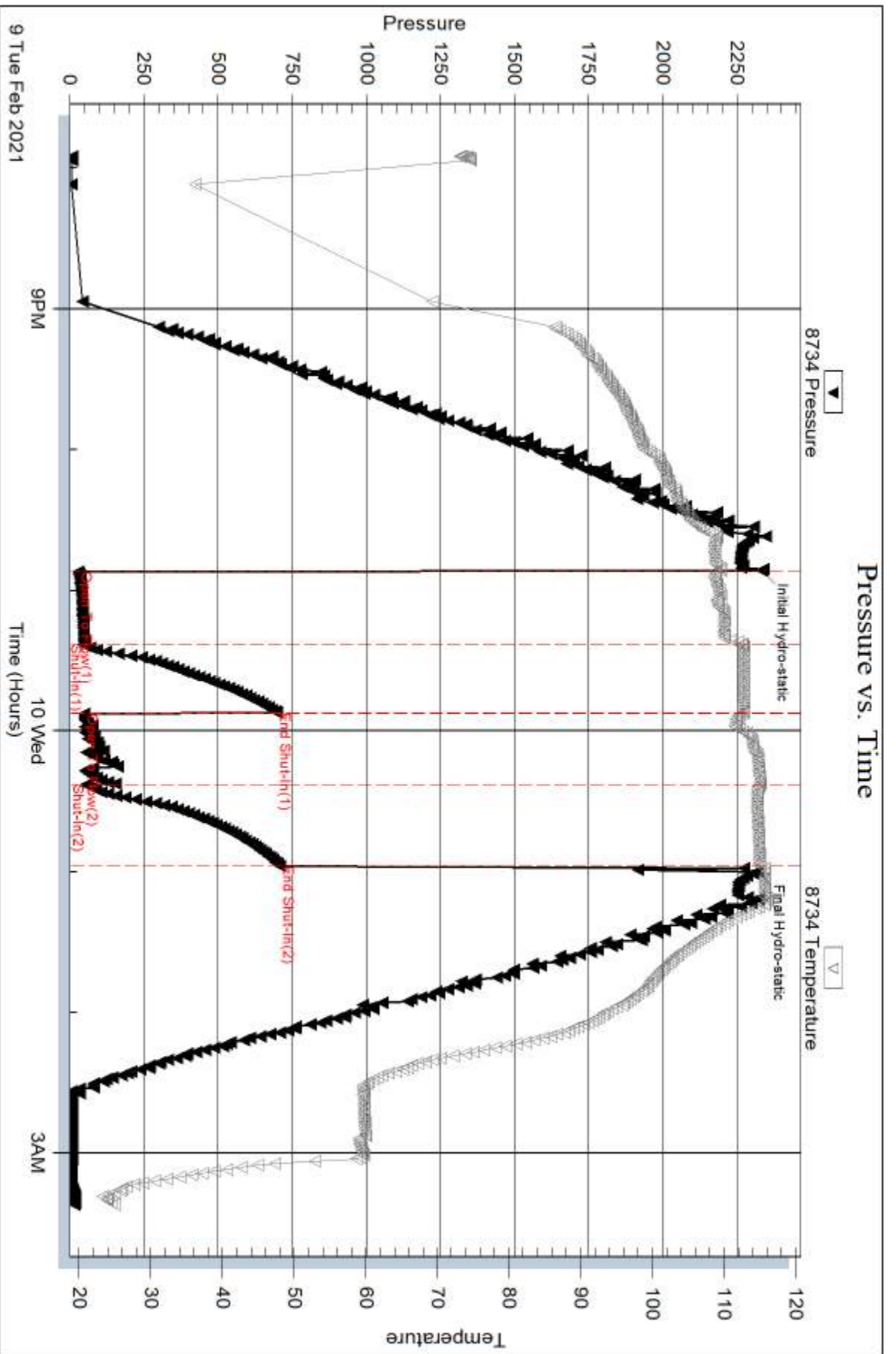
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Severe plugging on FF



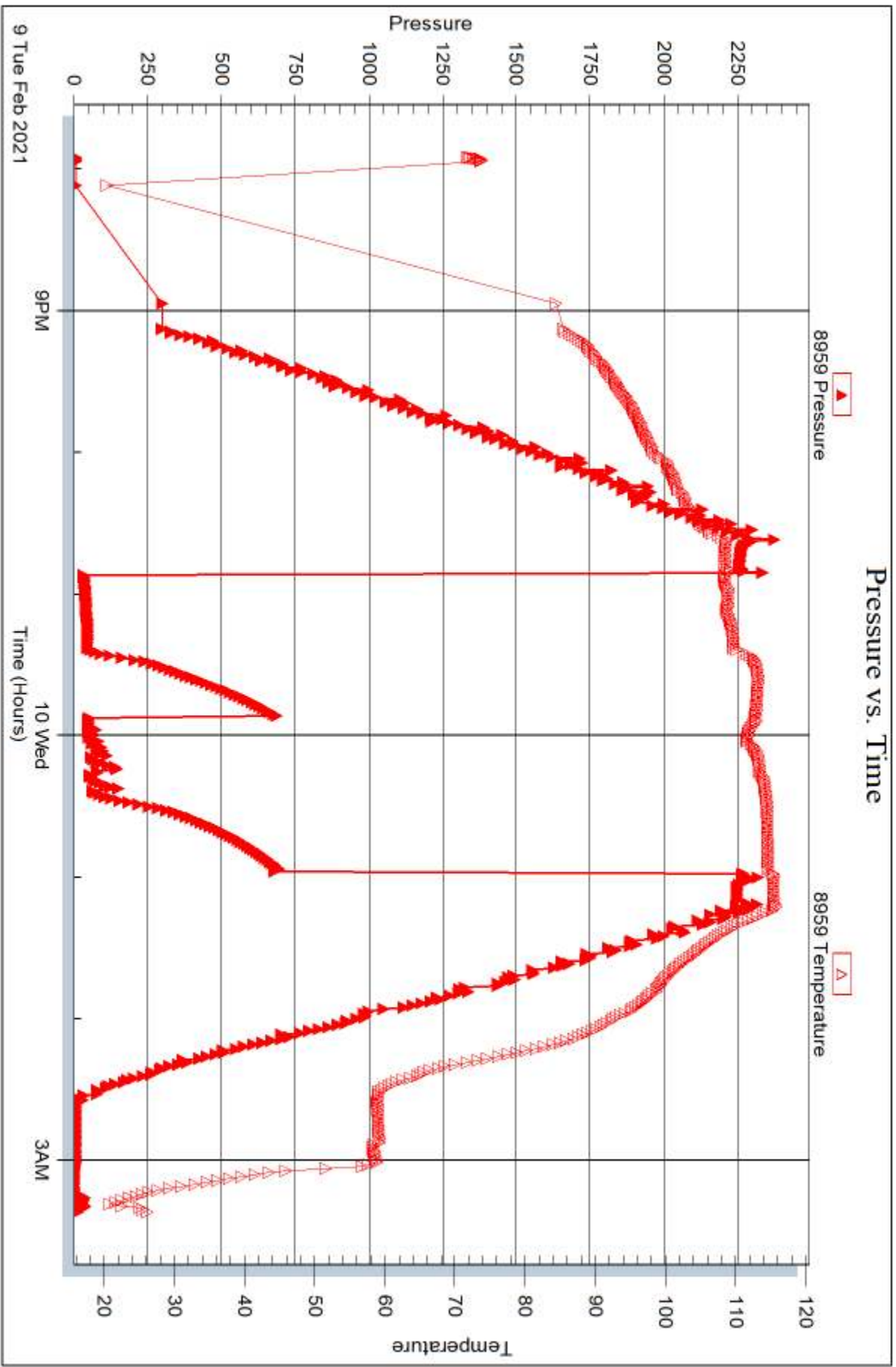
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Inside

Stratakan Exploration LLC

Monument South #7-1

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 66573

Printed: 2021.02.11 @ 09:37:11



DRILL STEM TEST REPORT

Prepared For: **Stratakan Exploration LLC**

100 S Main St
Plainville, KS 67663

ATTN: Jason Alm

Monument South #7-1

7-12s-33w Logan,KS

Start Date: 2021.02.06 @ 06:18:03

End Date: 2021.02.06 @ 12:42:33

Job Ticket #: 66795 DST #: 1

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

Printed: 2021.02.11 @ 09:45:12



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Stratakan Exploration LLC

7-12s-33w Logan, KS

100 S Main St
Plainville, KS 67663

Monument South #7-1

ATTN: Jason Alm

Job Ticket: 66795

DST#: 1

Test Start: 2021.02.06 @ 06:18:03

GENERAL INFORMATION:

Formation: **LKC I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:57:03

Time Test Ended: 12:42:33

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

Interval: 4276.00 ft (KB) To 4312.00 ft (KB) (TVD)

Reference Elevations: 3165.00 ft (KB)

Total Depth: 4312.00 ft (KB) (TVD)

3157.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8674 Outside

Press@RunDepth: 42.32 psig @ 4277.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.02.06

End Date:

2021.02.06

Last Calib.:

2021.02.06

Start Time:

06:18:08

End Time:

12:42:32

Time On Btm:

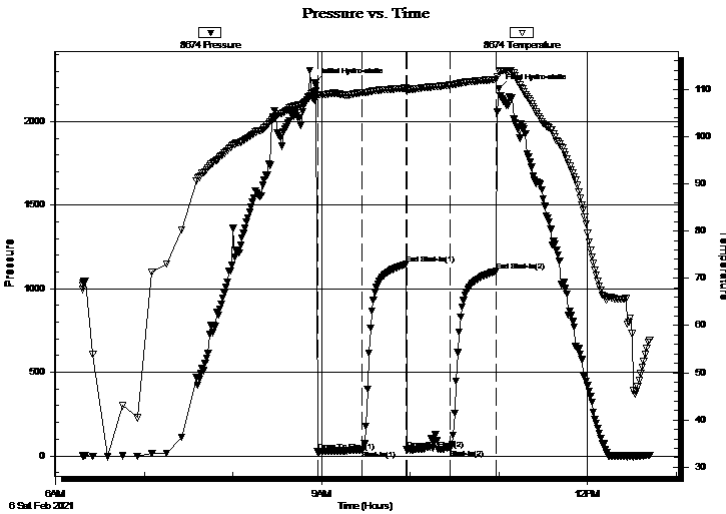
2021.02.06 @ 08:55:33

Time Off Btm:

2021.02.06 @ 11:00:03

TEST COMMENT: IF: Surface blow built to 1/2"
IS: No return.
FF: Surface blow built to 3/4"
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2231.85	109.49	Initial Hydro-static
2	24.48	108.88	Open To Flow (1)
32	35.32	109.24	Shut-In(1)
62	1146.22	110.22	End Shut-In(1)
62	36.39	109.62	Open To Flow (2)
92	42.32	110.88	Shut-In(2)
123	1104.57	112.09	End Shut-In(2)
125	2197.51	113.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	mud oil spots 100%m	0.21

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Stratakan Exploration LLC

7-12s-33w Logan, KS

100 S Main St
Plainville, KS 67663

Monument South #7-1

Job Ticket: 66795

DST#: 1

ATTN: Jason Alm

Test Start: 2021.02.06 @ 06:18:03

Tool Information

Drill Pipe:	Length: 4236.00 ft	Diameter: 3.80 inches	Volume: 59.42 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 59.57 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4276.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	66.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Stubb	1.00			4247.00	
Shut In Tool	5.00			4252.00	
Hydraulic tool	5.00			4257.00	
Jars	5.00			4262.00	
EM Tool	3.00			4265.00	
Safety Joint	2.00			4267.00	
Packer	5.00			4272.00	30.00 Bottom Of Top Packer
Packer	4.00			4276.00	
Stubb	1.00			4277.00	
Recorder	0.00	8790	Inside	4277.00	
Recorder	0.00	8674	Outside	4277.00	
Perforations	32.00			4309.00	
Bullnose	3.00			4312.00	36.00 Bottom Packers & Anchor

Total Tool Length: 66.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stratakan Exploration LLC

7-12s-33w Logan, KS

100 S Main St
Plainville, KS 67663

Monument South #7-1

Job Ticket: 66795

DST#: 1

ATTN: Jason Alm

Test Start: 2021.02.06 @ 06:18:03

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: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	mud oil spots 100%m	0.209

Total Length: 35.00 ft Total Volume: 0.209 bbl

Num Fluid Samples: 0

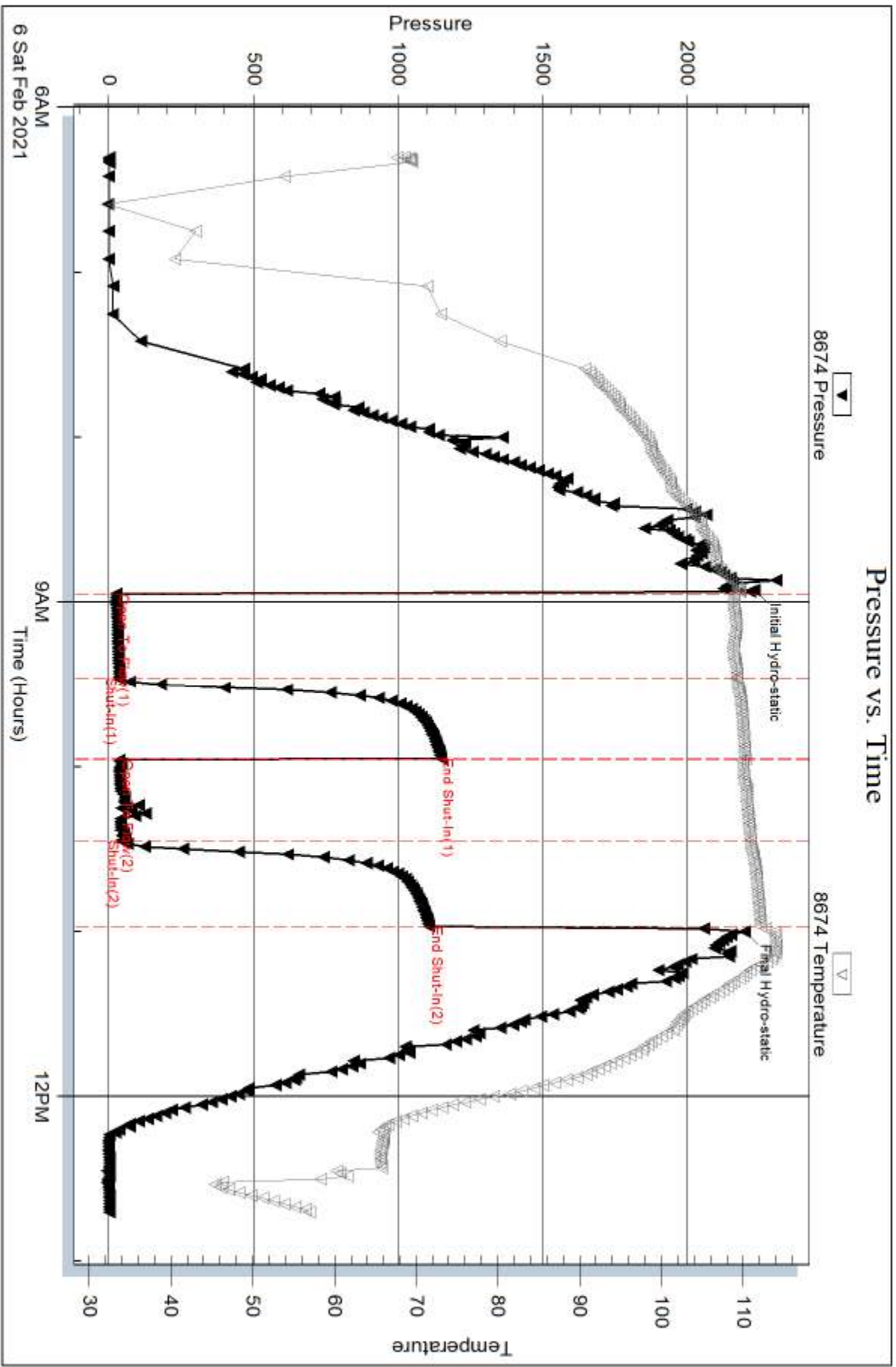
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



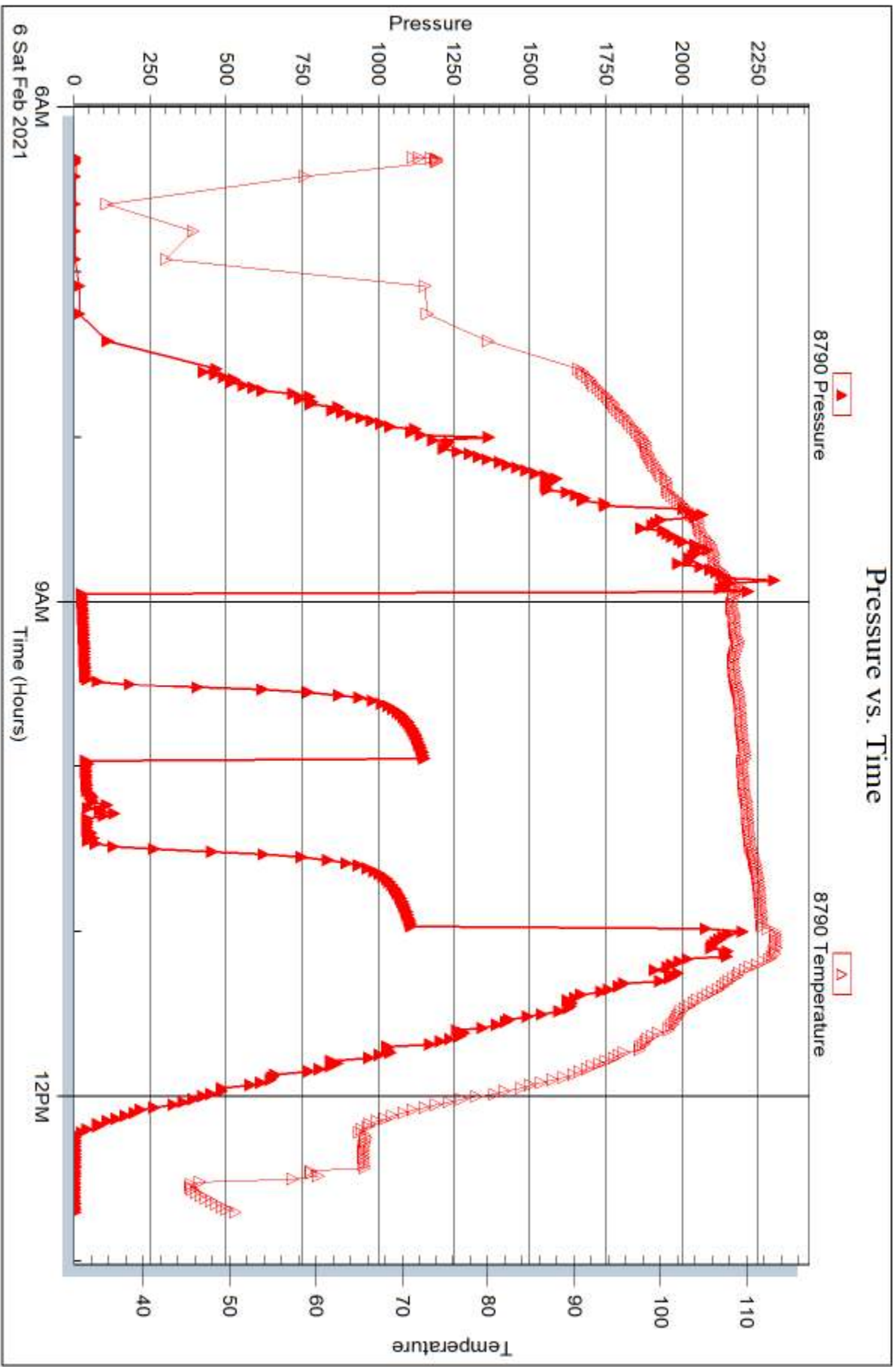
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Inside

Stratakan Exploration LLC

Monument South #7-1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 66795

Printed: 2021.02.11 @ 09:45:13



DRILL STEM TEST REPORT

Prepared For: **Stratakan Exploration LLC**

100 S Main St
Plainville, KS 67663

ATTN: Jason Alm

Monument South #7-1

7-12s-33w Logan,KS

Start Date: 2021.02.06 @ 22:10:59

End Date: 2021.02.07 @ 05:07:59

Job Ticket #: 66796 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2021.02.11 @ 09:41:24



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Stratakan Exploration LLC

7-12s-33w Logan, KS

100 S Main St
Plainville, KS 67663

Monument South #7-1

ATTN: Jason Alm

Job Ticket: 66796

DST#: 2

Test Start: 2021.02.06 @ 22:10:59

GENERAL INFORMATION:

Formation: **LKC K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:44:59

Time Test Ended: 05:07:59

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4328.00 ft (KB) To 4364.00 ft (KB) (TVD)

Reference Elevations: 3165.00 ft (KB)

Total Depth: 4364.00 ft (KB) (TVD)

3157.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8674 Outside

Press@RunDepth: 25.41 psig @ 4329.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.02.06 End Date: 2021.02.07

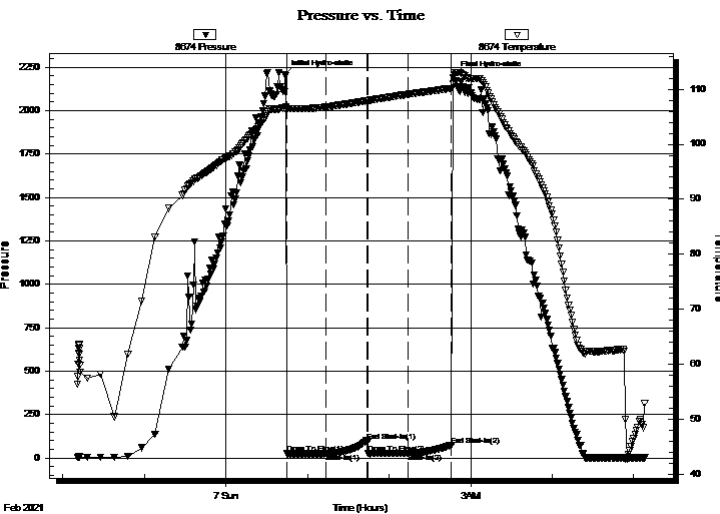
Last Calib.: 2021.02.07

Start Time: 22:11:04 End Time: 05:07:58

Time On Btm: 2021.02.07 @ 00:43:29

Time Off Btm: 2021.02.07 @ 02:47:59

TEST COMMENT: IF: Surface blow built to 1"
IS: No return.
FF: Surface blow built to 1/4"
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2205.91	106.56	Initial Hydro-static
2	24.25	106.42	Open To Flow (1)
30	24.45	106.77	Shut-In(1)
60	98.41	107.92	End Shut-In(1)
61	24.83	107.96	Open To Flow (2)
91	25.41	109.09	Shut-In(2)
122	74.24	110.15	End Shut-In(2)
125	2205.28	112.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud oil spots 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

Stratakan Exploration LLC

7-12s-33w Logan, KS

100 S Main St
Plainville, KS 67663

Monument South #7-1

Job Ticket: 66796

DST#: 2

ATTN: Jason Alm

Test Start: 2021.02.06 @ 22:10:59

Tool Information

Drill Pipe:	Length: 4298.00 ft	Diameter: 3.80 inches	Volume: 60.29 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 60.44 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4328.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	66.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Stubb	1.00			4299.00	
Shut In Tool	5.00			4304.00	
Hydraulic tool	5.00			4309.00	
Jars	5.00			4314.00	
EM Tool	3.00			4317.00	
Safety Joint	2.00			4319.00	
Packer	5.00			4324.00	30.00 Bottom Of Top Packer
Packer	4.00			4328.00	
Stubb	1.00			4329.00	
Recorder	0.00	8790	Inside	4329.00	
Recorder	0.00	8674	Outside	4329.00	
Perforations	32.00			4361.00	
Bullnose	3.00			4364.00	36.00 Bottom Packers & Anchor

Total Tool Length: 66.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stratakan Exploration LLC

7-12s-33w Logan, KS

100 S Main St
Plainville, KS 67663

Monument South #7-1

Job Ticket: 66796

DST#: 2

ATTN: Jason Alm

Test Start: 2021.02.06 @ 22:10:59

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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud oil spots 100%m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

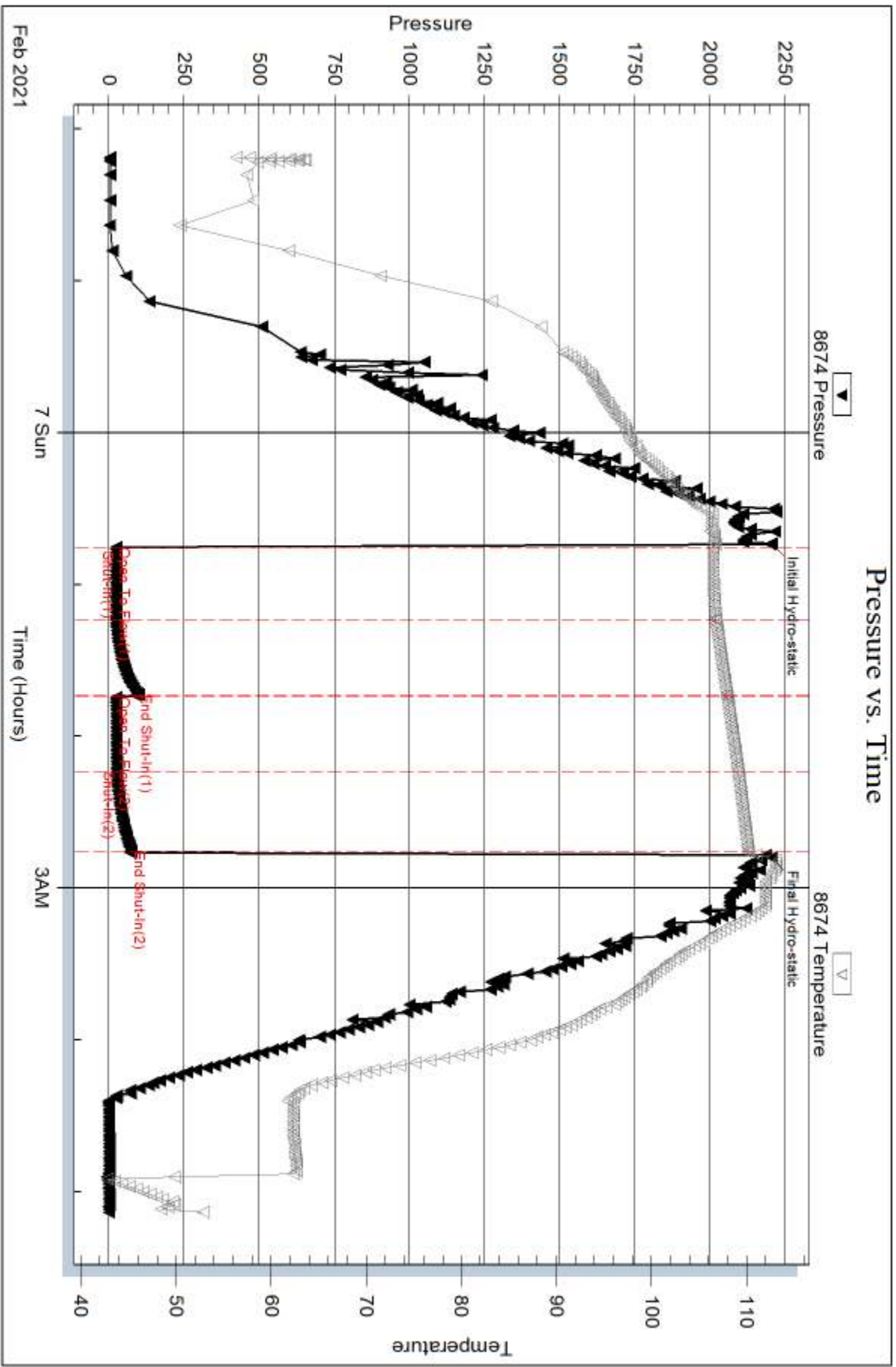
Num Gas Bombs: 0

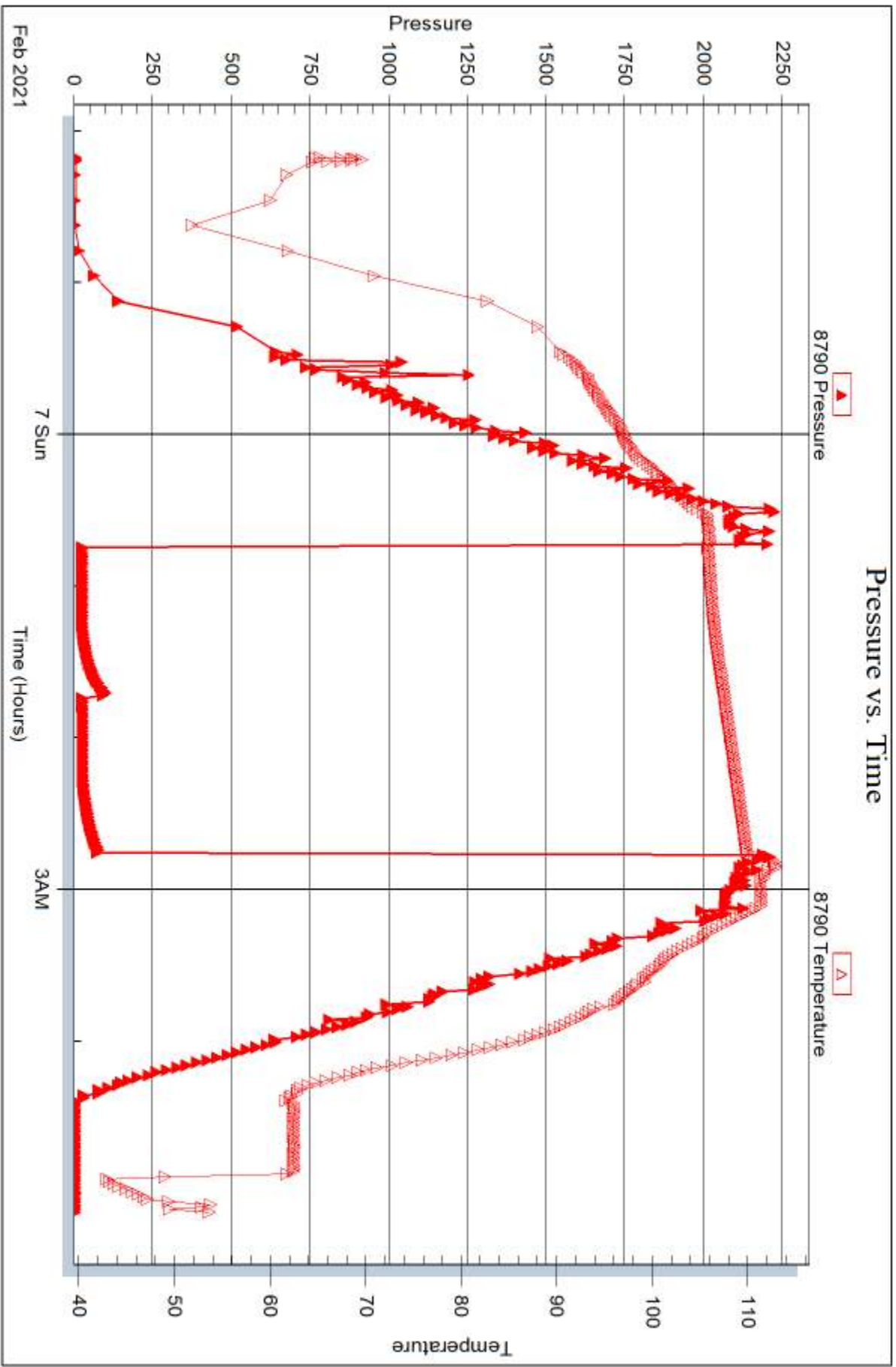
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 66796

Well Name & No. Monument south 7-1 Test No. 2 Date 2-6-21
 Company Stratagem Exploration LLC Elevation 3165 KB 3157 GL
 Address _____
 Co. Rep / Geo. Jason AIM Rig Discovery #4
 Location: Sec. 7 Twp 12S Rge. 33W Co. Logan State KS

Interval Tested 4328 4364 Zone Tested K
 Anchor Length 36 Drill Pipe Run 4298 Mud Wt. 9.4
 Top Packer Depth 4323 Drill Collars Run 31 Vis 61
 Bottom Packer Depth 4328 Wt. Pipe Run _____ WL 8.8
 Total Depth 4364 Chlorides 3500 ppm System LCM 1.5

Blow Description IF: Surface blow built to 1,
IS: No return.
FF: Surface blow built to 1/4.
FS: NO returns.

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>mud o.i/ 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	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT III Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2205 Test 1300 T-On Location 21:30
 (B) First Initial Flow 24 Jars 250 T-Started 22:10
 (C) First Final Flow 24 Safety Joint 75 T-Open 00:44
 (D) Initial Shut-In 98 Circ Sub N/L T-Pulled 2:44
 (E) Second Initial Flow 24 Hourly Standby _____ T-Out 5:10
 (F) Second Final Flow 25 Mileage 138 - 138 Comments _____
 (G) Final Shut-In 74 Sampler _____
 (H) Final Hydrostatic 2205 Straddle _____

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

Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1763

EM Tool _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1763
 MP/DST Disc't _____

Approved By Jason AIM 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.



Well Name & No. Monument South 7-1 Test No. 1 Date 2-6-21
 Company Stratagem Exploration LLC Elevation 3165 KB 3157 GL
 Address 100 S Main St Plainville, KS 67663
 Co. Rep / Geo. Jason AIM Rig Discovery #4
 Location: Sec. 7 Twp 125 Rge. 33^W Co. Logan State KS

Interval Tested 4276 4312 Zone Tested ±
 Anchor Length 36 Drill Pipe Run 4236 Mud Wt. 8.9
 Top Packer Depth 4271 Drill Collars Run 31 Vis 60
 Bottom Packer Depth 4276 Wt. Pipe Run — WL 8.8
 Total Depth 4312 Chlorides 3000 ppm System LCM —

Blow Description IF: surface blow built to 1/2.
IS: No return.
FF: surface blow built to 3/4.
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>35</u>	<u>mud oil 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	Feet of	%gas	%oil	%water	%mud

Rec Total 35 BHT 112 Gravity — API RW — @ — F Chlorides — ppm

(A) Initial Hydrostatic 2231 Test 1300 T-On Location 3:40
 (B) First Initial Flow 24 Jars 250 T-Started 6:18
 (C) First Final Flow 35 Safety Joint 75 T-Open 8:57
 (D) Initial Shut-In 1146 Circ Sub NIC T-Pulled 10:57
 (E) Second Initial Flow 36 Hourly Standby — T-Out 12:40
 (F) Second Final Flow 42 Mileage 138- 1338 Comments —
 (G) Final Shut-In 1104 Sampler —
 (H) Final Hydrostatic 2197 Straddle — EM Tool 350
 Shale Packer — Ruined Shale Packer —
 Extra Packer — Ruined Packer —
 Extra Recorder — Extra Copies —
 Day Standby — Sub Total 0
 Accessibility — Total 1763
 Sub Total 1763 MP/DST Disc't —

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

Approved By Jason T. Allen Our Representative [Signature]

Tritobite 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 66573

NO.

Well Name & No. Monument South 7-1 Test No. 3 Date 2-9-21
 Company Stratakan Exploration LLC Elevation 3165 KB 3152 GL
 Address 100 S. Main St. Planville, KS 67663
 Co. Rep / Geo. Jason Adm. Rig Discovery #4
 Location: Sec. 7 Twp 12 S. Rge. 33 W. Co. Logan State KS.

Interval Tested 4628 - 4695 Zone Tested Johnson
 Anchor Length 67 Drill Pipe Run 4584 Mud Wt. 9.3
 Top Packer Depth 4623 Drill Collars Run 31 Vis 43
 Bottom Packer Depth 4628 Wt. Pipe Run — WL 9.2
 Total Depth 4695 Chlorides 3500 ppm System LCM 1#

Blow Description IF - S. blow built to 1'4"
ISI - No blowback
FF - S. blow built to 3/4" (Severe Plugging on FF)
FSI - No blowback

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

Rec Total 10 BHT 116 Gravity — API RW — @ — F Chlorides — ppm

(A) Initial Hydrostatic <u>2333</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>18:30</u>
(B) First Initial Flow <u>30</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>19:55</u>
(C) First Final Flow <u>48</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>22:50</u>
(D) Initial Shut-In <u>699</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>22:50</u>
(E) Second Initial Flow <u>50</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>03:23</u>
(F) Second Final Flow <u>55</u>	<input checked="" type="checkbox"/> Mileage <u>133RT.</u> 138	Comments <u>Pulled 27K over START</u>
(G) Final Shut-In <u>708</u>	<input type="checkbox"/> Sampler	<u>Causing off bottom.</u>
(H) Final Hydrostatic <u>2320</u>	<input type="checkbox"/> Straddle	<u>Tools loaded @ 04:00</u>
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input checked="" type="checkbox"/> EM Tool <u>350</u>
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Shale Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Ruined Packer
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	<input type="checkbox"/> Extra Copies
	<input type="checkbox"/> Accessibility	Sub Total <u>0</u>
	Sub Total <u>1763</u>	Total <u>1763</u>
		MP/DST Disc't

Approved By [Signature] Our Representative [Signature]

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