

Confidentiality Requested:

Yes No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

**WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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

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

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

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

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

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

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

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

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Knighton Oil Company, Inc.
Well Name	HENDERSON 'C' 1-2
Doc ID	1785632

All Electric Logs Run

DIL
Micro
Sonic
CDL/CNL/PE

Form	ACO1 - Well Completion
Operator	Knighton Oil Company, Inc.
Well Name	HENDERSON 'C' 1-2
Doc ID	1785632

Tops

Name	Top	Datum
Anhydrite	891	1094
Topeka	3168	-1183
Heebner	3598	-1613
Lansing	3784	-1799
Stark	3994	-2009
Marmaton	4105	-2120
Mississippi	4181	-2196
Kinderhook	4191	-2206
Viola	4253	-2268
Simpson shale	4396	-2411
Arbuckle	4474	-2489



HURRICANE SERVICES INC

Remit To: Hurricane Services, Inc.
250 N. Water, Suite 200
Wichita, KS 67202
316-303-9515

Customer:

KNIGHTON OIL COMPANY, INC.
1700 N WATERFRONT PKWY,
BLDG #100 - SUITE A
Wichita, KS 67206

Invoice Date: 1/18/2024
Invoice #: 0373892
Lease Name: Henderson C
Well #: 1-2 (New)
County: Pratt, Ks
Job Number: WP5062
District: Pratt

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
Cement Pozmix 60/40	450.000	16.000	7,200.00
Cement Gel-Tacobond	774.000	0.450	348.30
Calcium Chloride	1,161.000	0.750	870.75
Cello Flake	113.000	1.750	197.75
Light Eq Mileage	15.000	2.000	30.00
Heavy Eq Mileage	30.000	4.000	120.00
Ton Mileage	290.000	1.500	435.00
Cement Blending & Mixing	450.000	1.400	630.00
Depth Charge 0'-500'	1.000	1,000.000	1,000.00
Wooden plug 8 5/8"	1.000	150.000	150.00
Cement Data Acquisition	1.000	250.000	250.00
Cement Plug Container	1.000	250.000	250.00
Service Supervisor	1.000	275.000	275.00
Sugar	500.000	3.000	1,500.00

Total 13,256.80

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!



Customer	Knighton Oil Compant	Lease & Well #	Henderson C 1-2	Date	1/18/2023
Service District	Pratt Kansas	County & State	Pratt Kansas	Legals S/T/R	2-26s-14w
Job Type	Surface	<input checked="" type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> SWD	New Well?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> No	Job #
Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures			Ticket #

916	M Brungardt	<input type="checkbox"/> Hard hat	<input type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging
539/521	A Clifton	<input type="checkbox"/> H2S Monitor	<input type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection
181/534	E J McGraw	<input type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input type="checkbox"/> Slip/Trip/Fall Hazards	<input type="checkbox"/> Specific Job Sequence/Expectations
		<input type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input type="checkbox"/> Overhead Hazards	<input type="checkbox"/> Muster Point/Medical Locations
		<input type="checkbox"/> Hearing Protection	<input type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below	

Comments

Product Service Code	Description	Unit of Measure	Quantity	Net Amount
cp070	60/40 Pozmix A	sack	450.00	\$7,200.00
cp095	Cement Gel	lb	774.00	\$348.30
cp100	Calcium Chloride	lb	1,161.00	\$870.75
cp120	Cello-flake	lb	113.00	\$197.75
m015	Light Equipment Mileage	mi	15.00	\$30.00
m010	Heavy Equipment Mileage	mi	30.00	\$120.00
m020	Ton Mileage	tn	250.00	\$435.00
c080	Cement Blending & Mixing Service	sack	450.00	\$630.00
d010	Depth Charge: 0'-500'	job	1.00	\$1,000.00
fo280	8 5/8" Wooden Plug	ea	1.00	\$150.00
e035	Cement Data Acquisition	job	1.00	\$250.00
e050	Cement Plug Container	job	1.00	\$250.00
r061	Service Supervisor	day	1.00	\$275.00
cp180	Sugar	lb	500.00	\$1,500.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?

Based on this job, how likely is it you would recommend HSI to a colleague?

Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely

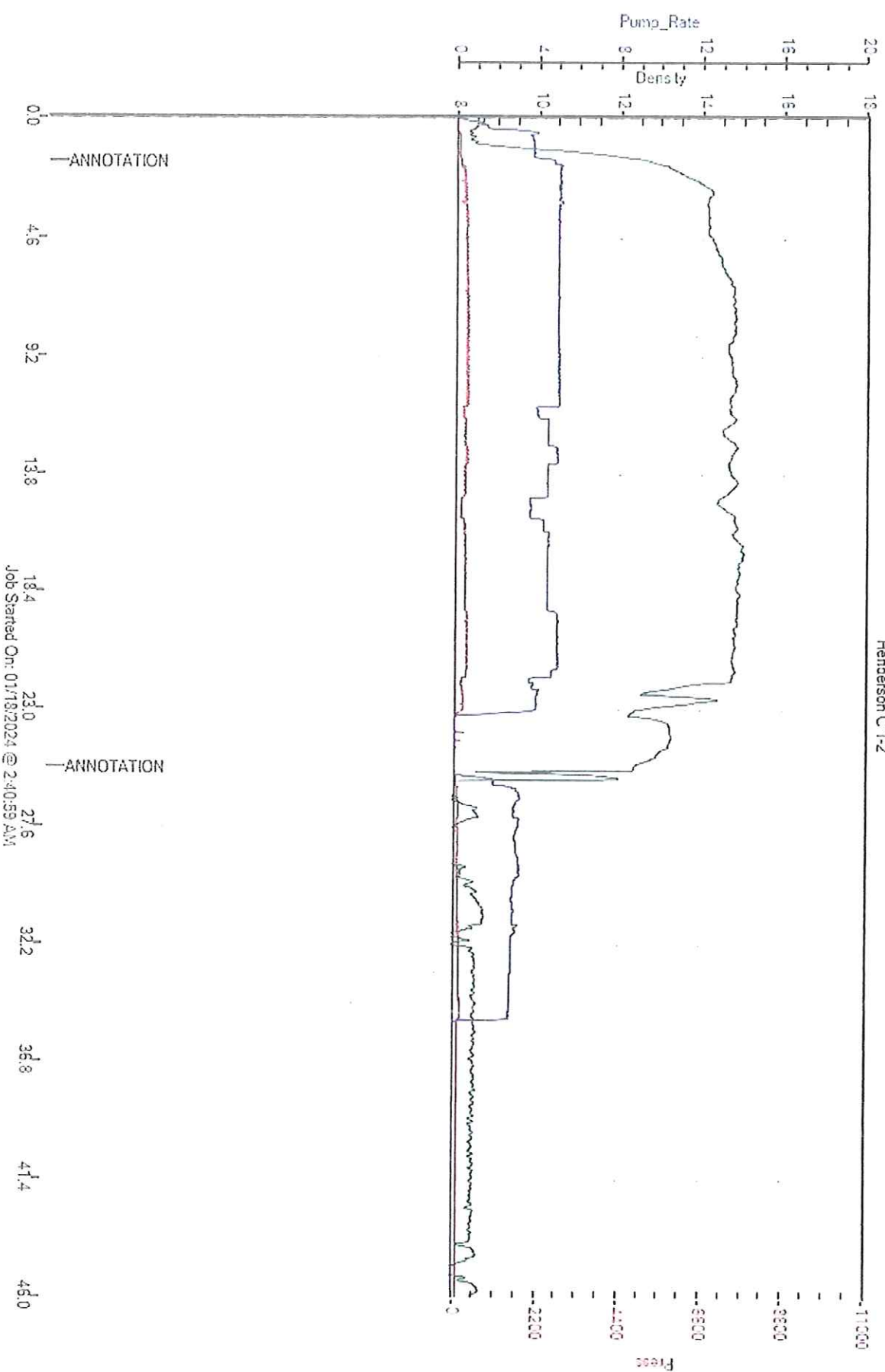
Total Taxable	\$ -	Tax Rate:		Net:	\$13,256.80
State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.				Sale Tax:	\$ -
				Total:	\$ 13,256.80

HSI Representative: *Mark Brungardt*

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

X  **CUSTOMER AUTHORIZATION SIGNATURE**

Knighton oil surface
Henderson C 1-2



Job Started On: 01/18/2024 @ 2:40:59 AM



HURRICANE SERVICES INC

Remit To: Hurricane Services, Inc.
250 N. Water, Suite 200
Wichita, KS 67202
316-303-9515

Customer:

KNIGHTON OIL COMPANY, INC.
1700 N WATERFRONT PKWY,
BLDG #100 - SUITE A
Wichita, KS 67206

Invoice Date: 1/27/2024
Invoice #: 0374046
Lease Name: Henderson C
Well #: 1-2 (New)
County: Pratt, Ks
Job Number: WP5081
District: Pratt

Date/Description	HRS/QTY	Rate	Total
Longstring	0.000	0.000	0.00
H-H Long	325.000	45.000	14,625.00
4 1/2" Float Shoe AFU-FT	1.000	350.000	350.00
4 1/2" LD Plug & Baffle	1.000	275.000	275.00
4 1/2" Cement Basket	1.000	275.000	275.00
4 1/2" Turbolizers	10.000	70.000	700.00
Mud flush	1,000.000	1.000	1,000.00
Light Eq Mileage	15.000	2.000	30.00
Heavy Eq Mileage	30.000	4.000	120.00
Ton Mileage	226.000	1.500	339.00
Cement Blending & Mixing	325.000	1.400	455.00
Depth Charge 4001'-5000'	1.000	2,500.000	2,500.00
Cement Data Acquisition	1.000	250.000	250.00
Cement Plug Container	1.000	250.000	250.00
Casing Swivel	1.000	300.000	300.00
Service Supervisor	1.000	275.000	275.00

Total 21,744.00

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SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!



Customer	Knighton Oil Company		Lease & Well #	Henderson C 1-2		Date	1/27/2024	
Service District	Pratt Kansas		County & State	Pratt Kansas		Legals S/I/R	2-26s-14w	
Job Type	Longstring	<input type="checkbox"/> PROD	<input type="checkbox"/> INJ	<input type="checkbox"/> SWD	New Well?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> No	Job #
Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures						
916	M Brungardt	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging			
540/521	M McGraw	<input type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection			
179/533	B Whitfield	<input checked="" type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	<input type="checkbox"/> Specific Job Sequence/Expectations			
		<input checked="" type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input checked="" type="checkbox"/> Overhead Hazards	<input checked="" type="checkbox"/> Muster Point/Medical Locations			
		<input type="checkbox"/> Hearing Protection	<input type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below				
Comments								

Product/Service Code	Description	Unit of Measure	Quantity	Net Amount
cp032	HH-Long	sack	275.00	\$12,375.00
cp032	HH-Long	sack	50.00	\$2,250.00
fe070	4 1/2" Float Shoe - AFU Flapper Type	ea	1.00	\$350.00
fe095	4 1/2" Latch Down Plug & Baffle	ea	1.00	\$275.00
fe045	4 1/2" Cement Basket	ea	1.00	\$275.00
fe050	4 1/2" Turboizers	ea	10.00	\$700.00
cp170	Mud Flush	gal	1,000.00	\$1,000.00
m015	Light Equipment Mileage	mi	15.00	\$30.00
m010	Heavy Equipment Mileage	mi	30.00	\$120.00
m020	Ton Mileage	tn	228.00	\$339.00
c060	Cement Blending & Mixing Service	sack	325.00	\$455.00
d015	Depth Charge: 4001'-5000'	job	1.00	\$2,500.00
c035	Cement Data Acquisition	job	1.00	\$250.00
c050	Cement Plug Container	job	1.00	\$250.00
c040	Casing Swivel	job	1.00	\$300.00
r051	Service Supervisor	day	1.00	\$275.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?

Based on this job, how likely is it you would recommend HSI to a colleague?		Total Taxable	\$ -	Tax Rate:		Net:	\$21,744.00
<input type="checkbox"/>	<input type="checkbox"/>	State tax laws deem certain products and services used on new wells to be sales tax exempt.		Sale Tax:		\$ -	
<input type="checkbox"/>	<input type="checkbox"/>	Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.		Total:		\$ 21,744.00	
<input type="checkbox"/>	<input type="checkbox"/>	HSI Representative: <i>Mark Brungardt</i>					

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X _____ **CUSTOMER AUTHORIZATION SIGNATURE**



CEMENT TREATMENT REPORT

Customer: Knighton Oil Company	Well: Henderson C 1-2	Ticket: wp 5081
City, State: Byers Knsas	County: Pratt Kansas	Date: 1/27/2024
Field Rep: Ken Werner	S-T-R: 2-26s-14w	Service: Longstring

Downhole Information	
Hole Size:	7 7/8 in
Hole Depth:	ft
Casing Size:	5 1/2 in
Casing Depth:	ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	bbls

Calculated Slurry - Lead	
Blend:	HH-Long
Weight:	15.0 ppg
Water / Sx:	6.0 gal / sx
Yield:	1.42 ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	69.5 bbls
Total Sacks:	275 sx

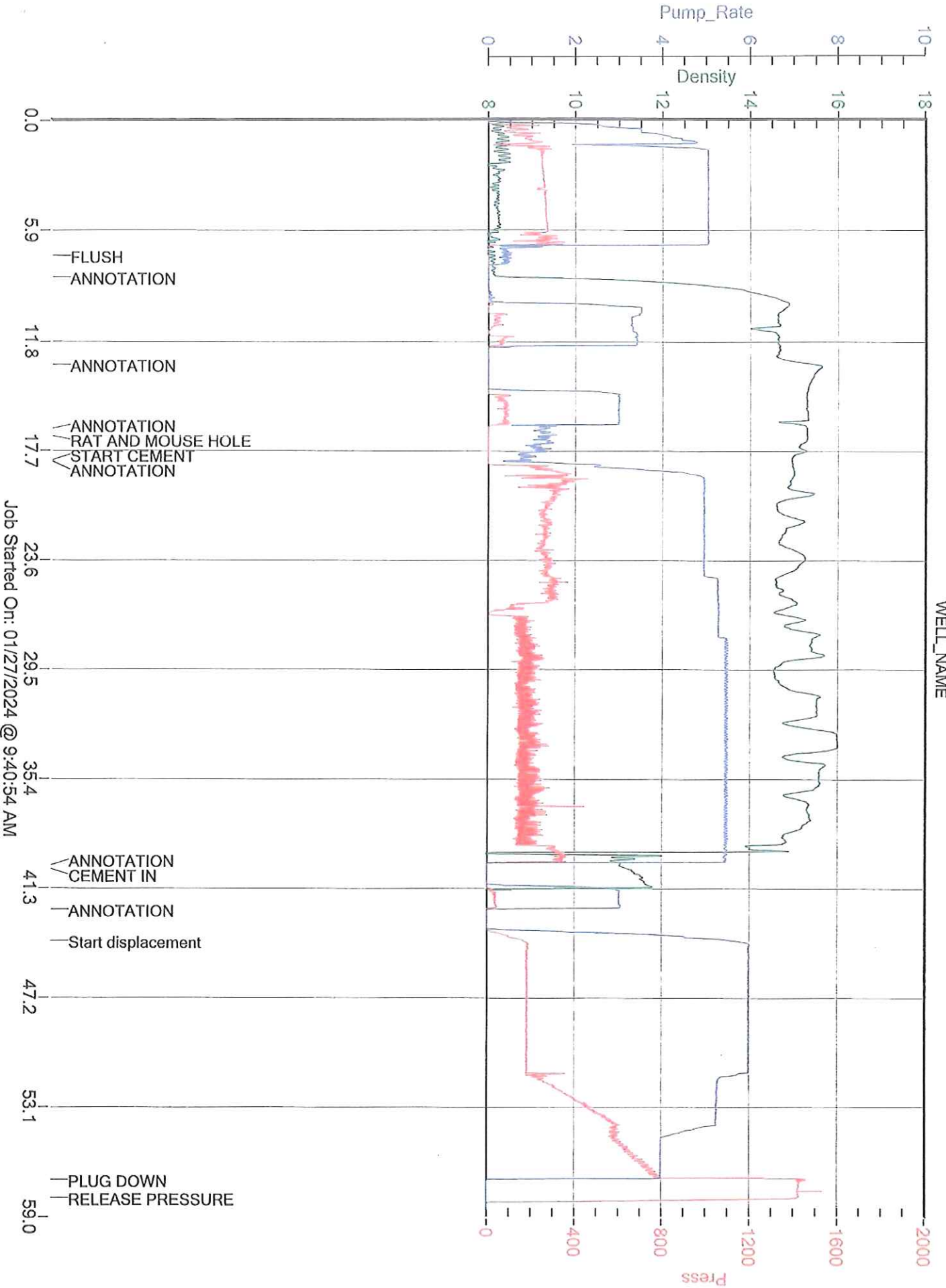
Calculated Slurry - Tail	
Blend:	HH-Long ,,,RH&MH
Weight:	15 ppg
Water / Sx:	6.0 gal / sx
Yield:	1.42 ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	12.6 bbls
Total Sacks:	50 sx

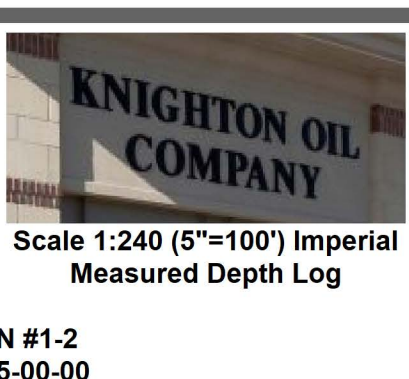
TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
			-	-	on location job and safety
					Spot trucks and rig up
					turbolizers
					basket
					start casing in the hole
					casing on bottom and establish circulation
					start flush
			5.0	5.0	fresh water
			24.0	29.0	mud flush
					flush in
			12.6	12.6	plug rat hole and mouse hole,,,, 30 sacks hh-long at 15ppg in the rat hole,,,,,20 sacks hh-long at 15ppg in the mouse hole
					start cement down hole
			69.5		mix 275 sacks HH-Long at 15ppg
					cement in and shut down and close in the manifold
					release the plug and wash pump and line
					open the top valve on the manifold and start displacement

CREW		UNIT	SUMMARY		
Cementer:	M Brungardt	916	Average Rate	Average Pressure	Total Fluid
Pump Operator:	M McGraw	540/521	0.0 bpm	- psi	111 bbls
Bulk #1:	B Whitfield	179/533			
Bulk #2:					

Knighton Oil Longstring

WELL_NAME





Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name: HENDERSON #1-2
API: 15-151-22585-00-00
Location: NW / sec. 2-26S-14W
License Number:
Spud Date: 1/17/2024
Surface Coordinates: NW / sec. 2-26S-14W
Bottom Hole Coordinates: NA
Ground Elevation (ft): 1977
Logged Interval (ft): 3500 To: 4500
Formation: LA>MS>SP>VJ>AR>MA
Type of Drilling Fluid: CHEMICAL MUD DISPLACED - 3250' BY ANDY'S MUD & CHEMICAL CO.

OPERATOR
Company: KNIGHTON OIL COMPANY, INC.
Address: KNIGHTON OIL COMPANY, INC.
1700 N WATERFRONT PKWY BLDG 100
WICHITA, KS 67206

GEOLOGIST
Name: Blake Miller
Company: Blake S. Miller - Wellsite & Consulting Geologist
Address:

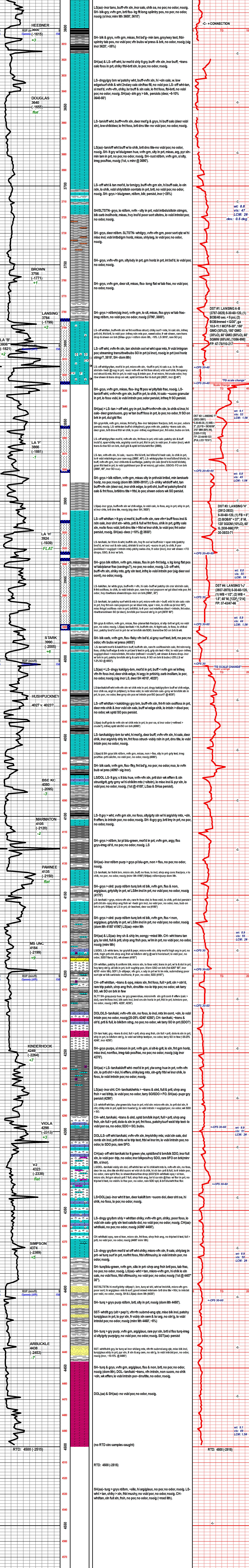
COMMENTS
Surface Casing:
Production Casing:
Deviations:
Pipe Strap @ Contractor Bit Record:
1.)
2.) 7 7/8" SMITH, MI616, SV-5977, JETS: 3-16, IN @ 436'

DSTs
DST #1: LANSING A-B (3787-3825) 5-30-60-120, (1) BOB/40 sec. < 5 psi, (2) BOB/Immed < G/30", 15.9 psi, ga 10.8-11.1 MCF/5-30", 150' GMO (30%O), 180' GMO (35%O), 60' GMO (50%O), 60' SGMW (85%W), [1056-995] FP: 67-78/110-217
DST #2: LANSING 'F' (3853-3881) 5-30-60-30, (1) WB < 2", (2) FB < BOB/56", 210' MW (80%W), [1205-1135] FP: 22-44/49-123 (PULLED TEST)
DST #3: LANSING 'H' (3912-3933) 5-30-60-120, (1) FB < 8", (2) BOB/8" < 37", 5' M, 120' SGOM (10%O), 60' G, [838-866] FP: 30-35/33-71

CREWS
DAYLIGHTS: PABLO LUNA, FRANY T. RODRIGUEZ, AUBLAS T. RODRIGUEZ, JAIME DURANTIA, EDGAR VAQUERA
EVENING: CHRIS STADS, TJ QUINT, BILLY MAAS, MATT WRIGHT
MORNING: TRISTEN BEIGWORTH, LAWRENCE NOSSER, JUAN ROA, JONATHAN ROA

ROCK TYPES
Anhy, Bent, Brec, Cht, Cyst, Coal, Congl, Sdy dolo, Shy dolo, Dol, Gyp, Sdy lmst, Lmst, Mst, Silt, Shale, Siltst, Black sh, Gry sh, Shale, Siltst, Shysts, Ss 2, Shale 3, Siltly dol, Dol Imst, Dol 2, Granite wash, Lmst, Calc dol, Shale 3

ACCESSORIES
MINERAL: Anhy, Arg, Bent, Bit, Calcfrag, Calc, Carb, Chtkd, Chtlt, Dol, Ferrpel, Ferr, Glau, Gyp, Marl, Nodule, Phos, Pyr, Salt, Sandy, Silt
FOSSIL: Algae, Amph, Belm, Bioclst, Brach, Bryozoa, Cephal, Coral, Echin, Fish, Foram, Fossil, Gaulte, Oolite, Ostra
STRINGER: Anhy, Arg, Bent, Coal, Dol, Gyp, Ls, Mrst, Siltst, Sstrtg, Carsh, Clystn, Dol
TEXTURE: Bound, Chalky, Crxlyn, Earthy, Finexln, Grainst, Lithogr, Microxln, Mustd, Packet, Wackest



RTD: 4500 (-2515)



DRILL STEM TEST REPORT

Prepared For: **Knighthon Oil**

1700 N Waterfront Pkwy
Bldg 100
Wichita KS 67206

ATTN: Blake Miller

Henderson C #1-2

2-26S-14W Pratt,KS

Start Date: 2024.01.22 @ 07:46:00

End Date: 2024.01.22 @ 19:07:00

Job Ticket #: 69407 DST #: 1

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

Printed: 2024.01.29 @ 15:04:53

Knighthon Oil
2-26S-14W Pratt,KS
Henderson C #1-2
DST # 1
LKC A-B
2024.01.22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Knighton Oil
1700 N Waterfront Pkw y
Bldg 100
Wichita KS 67206
ATTN: Blake Miller

2-26S-14W Pratt,KS

Henderson C #1-2

Job Ticket: 69407

DST#: 1

Test Start: 2024.01.22 @ 07:46:00

GENERAL INFORMATION:

Formation: **LKC A-B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:57:00
 Time Test Ended: 19:07:00
 Interval: **3787.00 ft (KB) To 3825.00 ft (KB) (TVD)**
 Total Depth: 3825.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Richie Samora
 Unit No: 66
 Reference Elevations: 1995.00 ft (KB)
 1985.00 ft (CF)
 KB to GR/CF: 10.00 ft

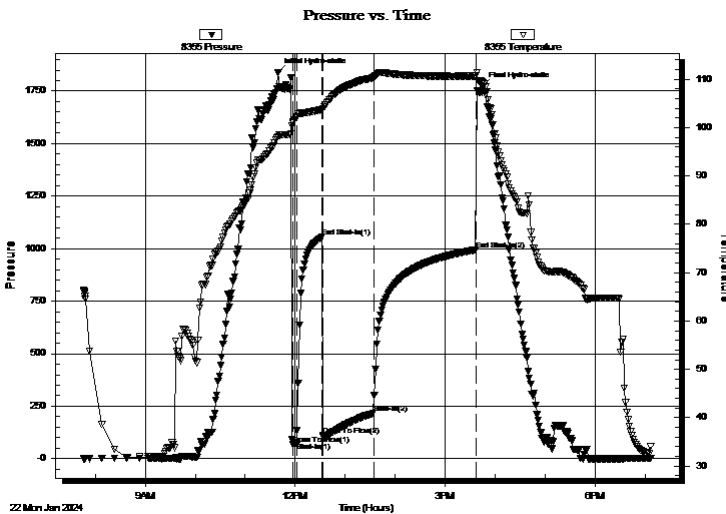
Serial #: 8355

Inside

Press@RunDepth: 217.14 psig @ 3793.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2024.01.22 End Date: 2024.01.22 Last Calib.: 1899.12.30
 Start Time: 07:46:05 End Time: 19:07:00 Time On Btm: 2024.01.22 @ 11:39:30
 Time Off Btm: 2024.01.22 @ 15:44:30

TEST COMMENT: 5-IF: Strong blow BOB in 40 seconds built to 5psi
 30-ISI: Weak surface blow
 60-FF: BOB immediate GTS 30 minutes into flow built to 15,89psi
 120-FSI: Strong blow BOB in 16 minutes built to 49.6"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1839.02	98.17	Initial Hydro-static
18	66.64	101.10	Open To Flow (1)
22	77.96	102.16	Shut-In(1)
53	1055.55	103.71	End Shut-In(1)
54	109.97	103.97	Open To Flow (2)
115	217.14	110.32	Shut-In(2)
238	994.58	110.67	End Shut-In(2)
245	1772.66	109.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GMO 25%G 25%M 50%O	0.30
60.00	GMM 5%G 10%M 85%W	0.30
180.00	GMO 40%G 35%O 25%M	2.52
150.00	GMO 40%G 30%O 30%M	2.10
0.00	GTS	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	14.46	10.80
Last Gas Rate	0.13	15.59	11.22
Max. Gas Rate	0.13	15.75	11.29



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Knighton Oil
1700 N Waterfront Pkwy
Bldg 100
Wichita KS 67206
ATTN: Blake Miller

2-26S-14W Pratt,KS
Henderson C #1-2
Job Ticket: 69407 **DST#: 1**
Test Start: 2024.01.22 @ 07:46:00

Tool Information

Drill Pipe:	Length: 3662.00 ft	Diameter: 3.80 inches	Volume: 51.37 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 3.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 65000.00 lb
		Total Volume: 51.96 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3787.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	74.00 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			3752.00	
Shut In Tool	5.00			3757.00	
Hydraulic tool	5.00			3762.00	
Jars	8.00			3770.00	
EM Tool	4.00			3774.00	
Safety Joint	3.00			3777.00	
Packer	5.00			3782.00	36.00 Bottom Of Top Packer
Packer	5.00			3787.00	
Stubb	1.00			3788.00	
Handling Sub	5.00			3793.00	
Recorder	0.00	8355	Inside	3793.00	
Recorder	0.00	8289	Outside	3793.00	
Perforations	29.00			3822.00	
Bullnose	3.00			3825.00	38.00 Bottom Packers & Anchor

Total Tool Length: 74.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Knighton Oil
1700 N Waterfront Pkw y
Bldg 100
Wichita KS 67206
ATTN: Blake Miller

2-26S-14W Pratt,KS
Henderson C #1-2
Job Ticket: 69407 **DST#: 1**
Test Start: 2024.01.22 @ 07:46:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length:	Water Salinity:	26000 ppm
Viscosity: 58.00 sec/qt	Cushion Volume:		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure:		
Salinity: 3000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GMO 25%G 25%M 50%O	0.295
60.00	GMW 5%G 10%M 85%W	0.295
180.00	GMO 40%G 35%O 25%M	2.525
150.00	GMO 40%G 30%O 30%M	2.104
0.00	GTS	0.000

Total Length: 450.00 ft Total Volume: 5.219 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Knighton Oil
1700 N Waterfront Pkwy
Bldg 100
Wichita KS 67206
ATTN: Blake Miller

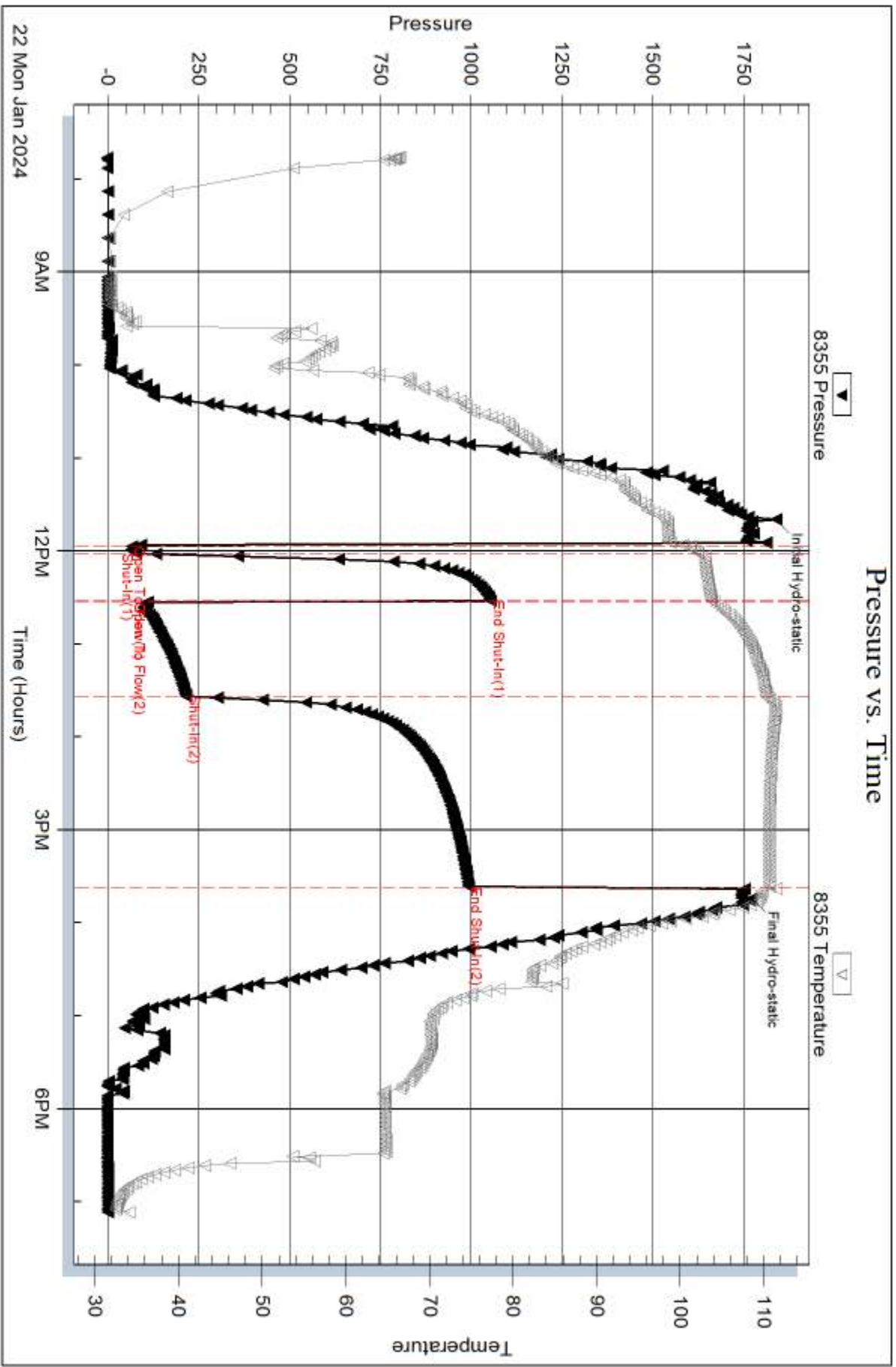
2-26S-14W Pratt,KS
Henderson C #1-2
Job Ticket: 69407 **DST#: 1**
Test Start: 2024.01.22 @ 07:46:00

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	5	0.13	14.46	10.80
2	10	0.13	14.96	10.99
2	15	0.13	15.35	11.13
2	20	0.13	15.75	11.29
2	25	0.13	15.49	11.19
2	30	0.13	15.59	11.22

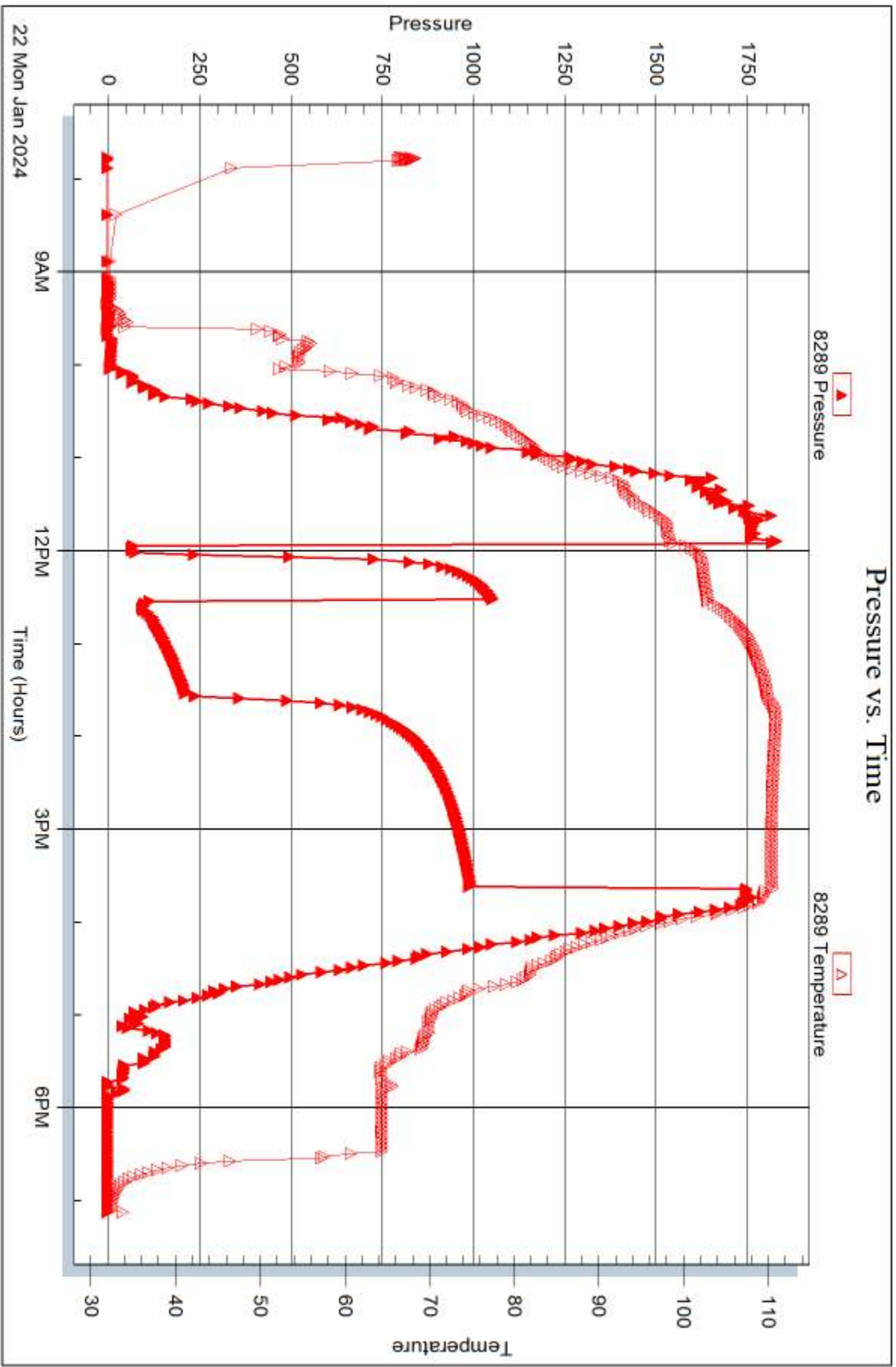


Serial #: 8289

Outside Knighton Oil

Henderson C#1-2

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 69407

Printed: 2024.01.29 @ 15:04:54



DRILL STEM TEST REPORT

Prepared For: **Knighthon Oil**

1700 N Waterfront Prkwy
Bldg 100
Wichita KS 67206

ATTN: Blake Miller

Henderson C #1-2

2-26S-14W Pratt,KS

Start Date: 2024.01.23 @ 08:28:00

End Date: 2024.01.23 @ 16:03:00

Job Ticket #: 69408 DST #: 2

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

Printed: 2024.01.29 @ 14:50:38

Knighthon Oil
2-26S-14W Pratt,KS
Henderson C #1-2
DST # 2
LKC F
2024.01.23



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Knighton Oil
1700 N Waterfront Prkw y
Bldg 100
Wichita KS 67206
ATTN: Blake Miller

2-26S-14W Pratt,KS

Henderson C #1-2

Job Ticket: 69408

DST#: 2

Test Start: 2024.01.23 @ 08:28:00

GENERAL INFORMATION:

Formation: **LKC F**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:05:00
 Time Test Ended: 16:03:00
 Interval: **3853.00 ft (KB) To 3881.00 ft (KB) (TVD)**
 Total Depth: 3881.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Richie Samora
 Unit No: 66
 Reference Elevations: 1995.00 ft (KB)
 1985.00 ft (CF)
 KB to GR/CF: 10.00 ft

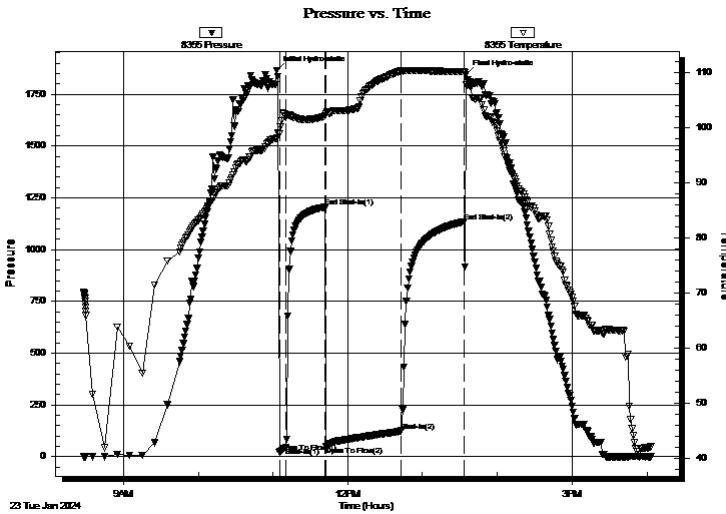
Serial #: 8355

Inside

Press@RunDepth: 123.16 psig @ 3859.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2024.01.23 End Date: 2024.01.23 Last Calib.: 1899.12.30
 Start Time: 08:28:05 End Time: 16:02:59 Time On Btm: 2024.01.23 @ 11:03:00
 Time Off Btm: 2024.01.23 @ 13:35:00

TEST COMMENT: 5-IF: Weak blow built to 2"
 30-ISI: No blow back
 FF: Fair blow BOB in 56 minutes built to 13"
 45-FF: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1865.18	98.14	Initial Hydro-static
2	21.63	98.97	Open To Flow (1)
8	43.79	102.03	Shut-In(1)
39	1204.99	102.20	End Shut-In(1)
40	49.19	102.52	Open To Flow (2)
100	123.16	110.35	Shut-In(2)
150	1134.79	110.20	End Shut-In(2)
152	1844.48	107.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
210.00	MW 20%M 80%W	1.85

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Knighton Oil
1700 N Waterfront Prkwy
Bldg 100
Wichita KS 67206
ATTN: Blake Miller

2-26S-14W Pratt,KS
Henderson C #1-2
Job Ticket: 69408 **DST#: 2**
Test Start: 2024.01.23 @ 08:28:00

Tool Information

Drill Pipe:	Length: 3724.00 ft	Diameter: 3.80 inches	Volume: 52.24 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 3.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume: 52.83 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	3853.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	64.00 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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Change Over Sub	1.00			3818.00	
Shut In Tool	5.00			3823.00	
Hydraulic tool	5.00			3828.00	
Jars	8.00			3836.00	
EM Tool	4.00			3840.00	
Safety Joint	3.00			3843.00	
Packer	5.00			3848.00	36.00 Bottom Of Top Packer
Packer	5.00			3853.00	
Stubb	1.00			3854.00	
Handling Sub	5.00			3859.00	
Recorder	0.00	8355	Inside	3859.00	
Recorder	0.00	8289	Outside	3859.00	
Perforations	19.00			3878.00	
Bullnose	3.00			3881.00	28.00 Bottom Packers & Anchor

Total Tool Length: 64.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Knighthon Oil
1700 N Waterfront Prkw y
Bldg 100
Wichita KS 67206
ATTN: Blake Miller

2-26S-14W Pratt,KS
Henderson C #1-2
Job Ticket: 69408 **DST#: 2**
Test Start: 2024.01.23 @ 08:28:00

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:	32000 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 9000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

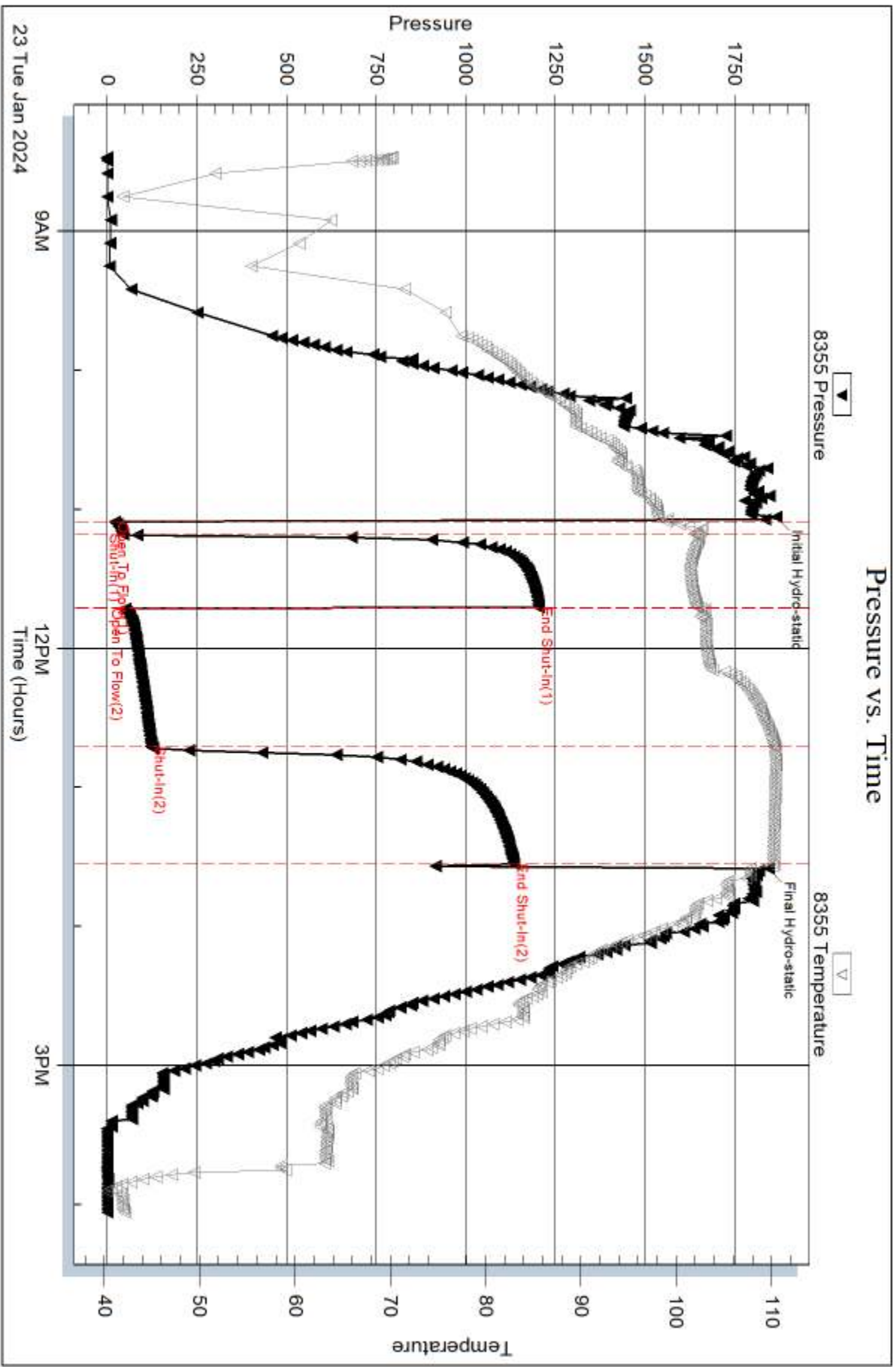
Length ft	Description	Volume bbl
210.00	MW 20%M 80%W	1.853

Total Length: 210.00 ft Total Volume: 1.853 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

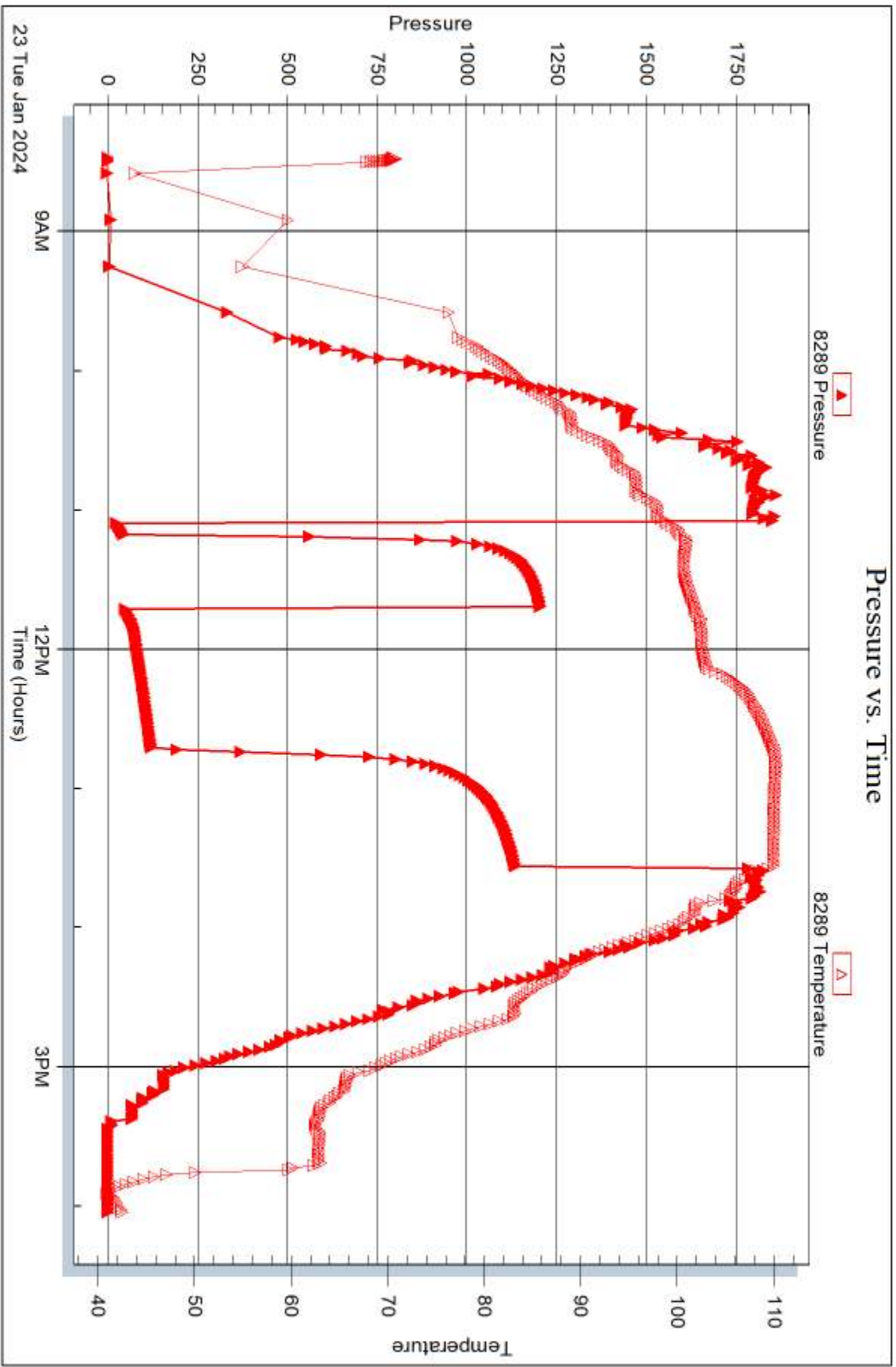


Serial #: 8289

Outside Knighton Oil

Henderson C#1-2

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 69408

Printed: 2024.01.29 @ 14:50:39



DRILL STEM TEST REPORT

Prepared For: **Knighthon Oil**

1700 N Waterfront Prkwy
Bldg 100
Wichita KS 67206

ATTN: Blake Miller

Henderson C #1-2

2-26S-14W Pratt,KS

Start Date: 2024.01.24 @ 02:25:00

End Date: 2024.01.24 @ 10:44:00

Job Ticket #: 69409 DST #: 3

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

Printed: 2024.01.29 @ 14:48:33

Knighthon Oil
2-26S-14W Pratt,KS
Henderson C #1-2
DST # 3
LKC H
2024.01.24



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Knighton Oil
1700 N Waterfront Prkw y
Bldg 100
Wichita KS 67206
ATTN: Blake Miller

2-26S-14W Pratt,KS

Henderson C #1-2

Job Ticket: 69409

DST#: 3

Test Start: 2024.01.24 @ 02:25:00

GENERAL INFORMATION:

Formation: **LKC H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:50:00

Time Test Ended: 10:44:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Richie Samora

Unit No: 66

Interval: 3912.00 ft (KB) To 3933.00 ft (KB) (TVD)

Reference Elevations: 1995.00 ft (KB)

Total Depth: 3933.00 ft (KB) (TVD)

1985.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8355

Inside

Press@RunDepth: 70.76 psig @ 3918.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2024.01.24

End Date:

2024.01.24

Last Calib.:

1899.12.30

Start Time: 02:25:05

End Time:

10:43:59

Time On Btm:

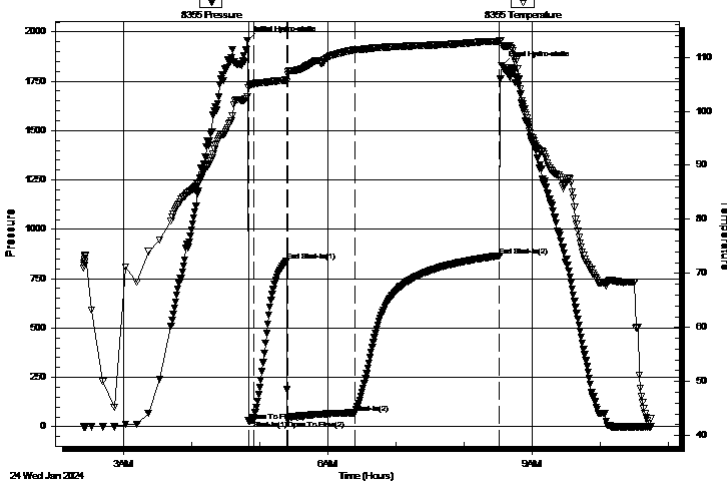
2024.01.24 @ 04:49:00

Time Off Btm:

2024.01.24 @ 08:33:00

TEST COMMENT: 5-IF: Fair blow built to 8"
30-ISI: Very weak blow
60-FF: Strong blow BOB in 8 minutes built to 37"
120-FSI: No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1957.11	102.66	Initial Hydro-static
1	29.68	104.30	Open To Flow (1)
6	34.83	105.05	Shut-In(1)
35	837.73	105.78	End Shut-In(1)
36	32.72	106.83	Open To Flow (2)
95	70.76	111.41	Shut-In(2)
222	866.19	112.96	End Shut-In(2)
224	1830.12	112.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	SGOSM 5%G 10%O 85%M	0.59
5.00	MUD 100% M	0.07

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Knighton Oil
1700 N Waterfront Prkwy
Bldg 100
Wichita KS 67206
ATTN: Blake Miller

2-26S-14W Pratt,KS
Henderson C #1-2
Job Ticket: 69409 **DST#: 3**
Test Start: 2024.01.24 @ 02:25:00

Tool Information

Drill Pipe:	Length: 3757.00 ft	Diameter: 3.80 inches	Volume: 52.70 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 3.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume: 53.29 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	1.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	3912.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	57.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3877.00	
Shut In Tool	5.00			3882.00	
Hydraulic tool	5.00			3887.00	
Jars	8.00			3895.00	
EM Tool	4.00			3899.00	
Safety Joint	3.00			3902.00	
Packer	5.00			3907.00	36.00 Bottom Of Top Packer
Packer	5.00			3912.00	
Stubb	1.00			3913.00	
Handling Sub	5.00			3918.00	
Recorder	0.00	8355	Inside	3918.00	
Recorder	0.00	8289	Outside	3918.00	
Perforations	12.00			3930.00	
Bullnose	3.00			3933.00	21.00 Bottom Packers & Anchor

Total Tool Length: 57.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Knighton Oil
1700 N Waterfront Prkw y
Bldg 100
Wichita KS 67206
ATTN: Blake Miller

2-26S-14W Pratt,KS
Henderson C #1-2
Job Ticket: 69409 **DST#: 3**
Test Start: 2024.01.24 @ 02:25:00

Mud and Cushion Information

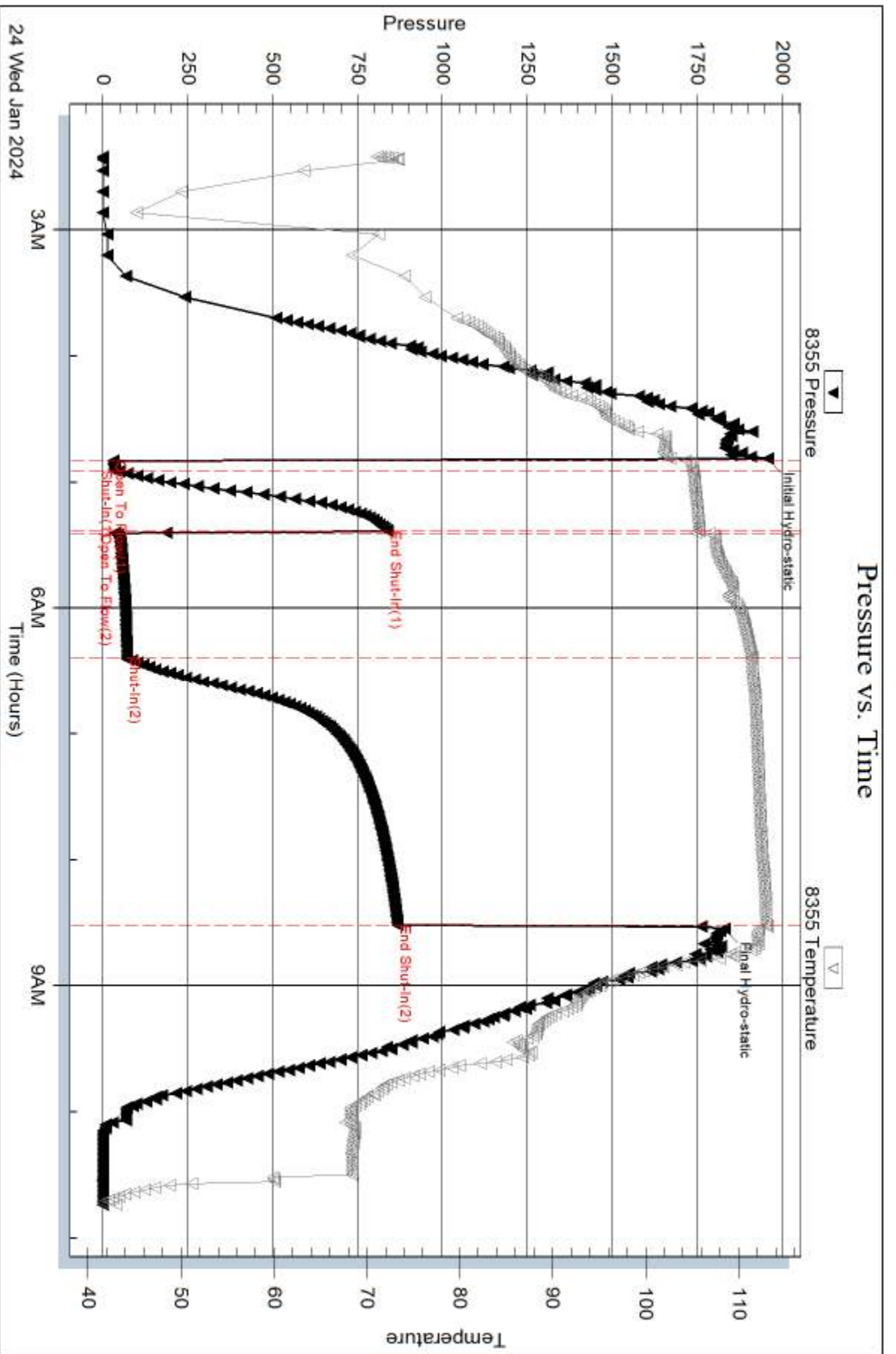
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8988.67 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 9000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	SGOSM 5%G 10%O 85%M	0.590
5.00	MUD 100% M	0.070

Total Length: 125.00 ft Total Volume: 0.660 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

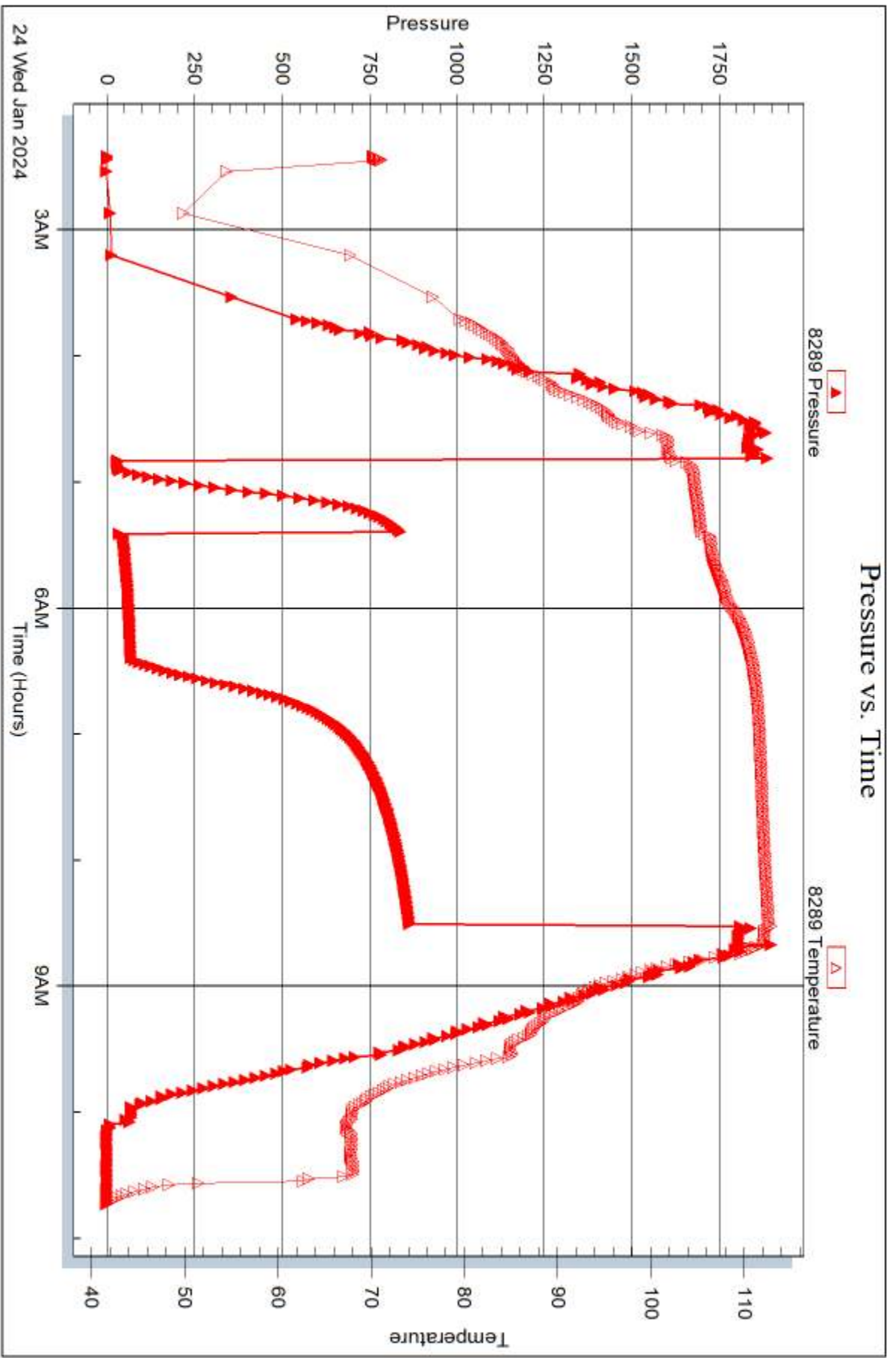


Serial #: 8289

Outside Knighton Oil

Henderson C#1-2

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 69409

Printed: 2024.01.29 @ 14:48:33



DRILL STEM TEST REPORT

Prepared For: **Knighthon Oil**

1700 N Waterfront Prkwy
Bldg 100
Wichita KS 67206

ATTN: Blake Miller

Henderson C #1-2

2-26S-14W Pratt,KS

Start Date: 2024.01.24 @ 21:00:00

End Date: 2024.01.25 @ 05:51:00

Job Ticket #: 69410 DST #: 4

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

Printed: 2024.01.29 @ 14:44:44



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Knighton Oil
1700 N Waterfront Prkw y
Bldg 100
Wichita KS 67206
ATTN: Blake Miller

2-26S-14W Pratt,KS

Henderson C #1-2

Job Ticket: 69410

DST#: 4

Test Start: 2024.01.24 @ 21:00:00

GENERAL INFORMATION:

Formation: **LKC 'I-J'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:52:00
 Time Test Ended: 05:51:00
 Interval: **3937.00 ft (KB) To 3978.00 ft (KB) (TVD)**
 Total Depth: 3978.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Richie Samora
 Unit No: 66
 Reference Elevations: 1995.00 ft (KB)
 1985.00 ft (CF)
 KB to GR/CF: 10.00 ft

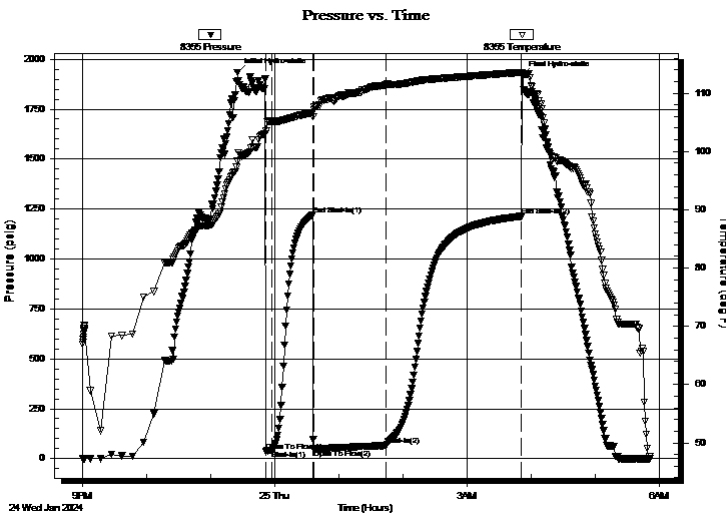
Serial #: 8355

Inside

Press@RunDepth: 65.94 psig @ 3943.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2024.01.24 End Date: 2024.01.25 Last Calib.: 1899.12.30
 Start Time: 21:00:05 End Time: 05:51:00 Time On Btm: 2024.01.24 @ 23:25:00
 Time Off Btm: 2024.01.25 @ 03:52:00

TEST COMMENT: 5-IF: Weak blow built to .5"
 30-ISI: No blow back
 60-FF: Weak blow built to 1"
 120-FSI: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1933.77	98.34	Initial Hydro-static
27	37.00	103.45	Open To Flow (1)
33	42.92	105.10	Shut-In(1)
71	1220.27	106.69	End Shut-In(1)
72	47.33	107.18	Open To Flow (2)
140	65.94	111.51	Shut-In(2)
266	1213.69	113.56	End Shut-In(2)
267	1916.39	113.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MUD 100%M	0.30

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Knighton Oil
1700 N Waterfront Prkwy
Bldg 100
Wichita KS 67206
ATTN: Blake Miller

2-26S-14W Pratt,KS
Henderson C #1-2
Job Ticket: 69410 **DST#: 4**
Test Start: 2024.01.24 @ 21:00:00

Tool Information

Drill Pipe:	Length: 3788.00 ft	Diameter: 3.80 inches	Volume: 53.14 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 3.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume: 53.73 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	3937.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	77.00 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			3902.00	
Shut In Tool	5.00			3907.00	
Hydraulic tool	5.00			3912.00	
Jars	8.00			3920.00	
EM Tool	4.00			3924.00	
Safety Joint	3.00			3927.00	
Packer	5.00			3932.00	36.00 Bottom Of Top Packer
Packer	5.00			3937.00	
Stubb	1.00			3938.00	
Handling Sub	5.00			3943.00	
Recorder	0.00	8355	Inside	3943.00	
Recorder	0.00	8289	Outside	3943.00	
Perforations	32.00			3975.00	
Bullnose	3.00			3978.00	41.00 Bottom Packers & Anchor

Total Tool Length: 77.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Knighthon Oil
1700 N Waterfront Prkw y
Bldg 100
Wichita KS 67206
ATTN: Blake Miller

2-26S-14W Pratt,KS
Henderson C #1-2
Job Ticket: 69410 **DST#: 4**
Test Start: 2024.01.24 @ 21:00:00

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: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MUD 100%M	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8355

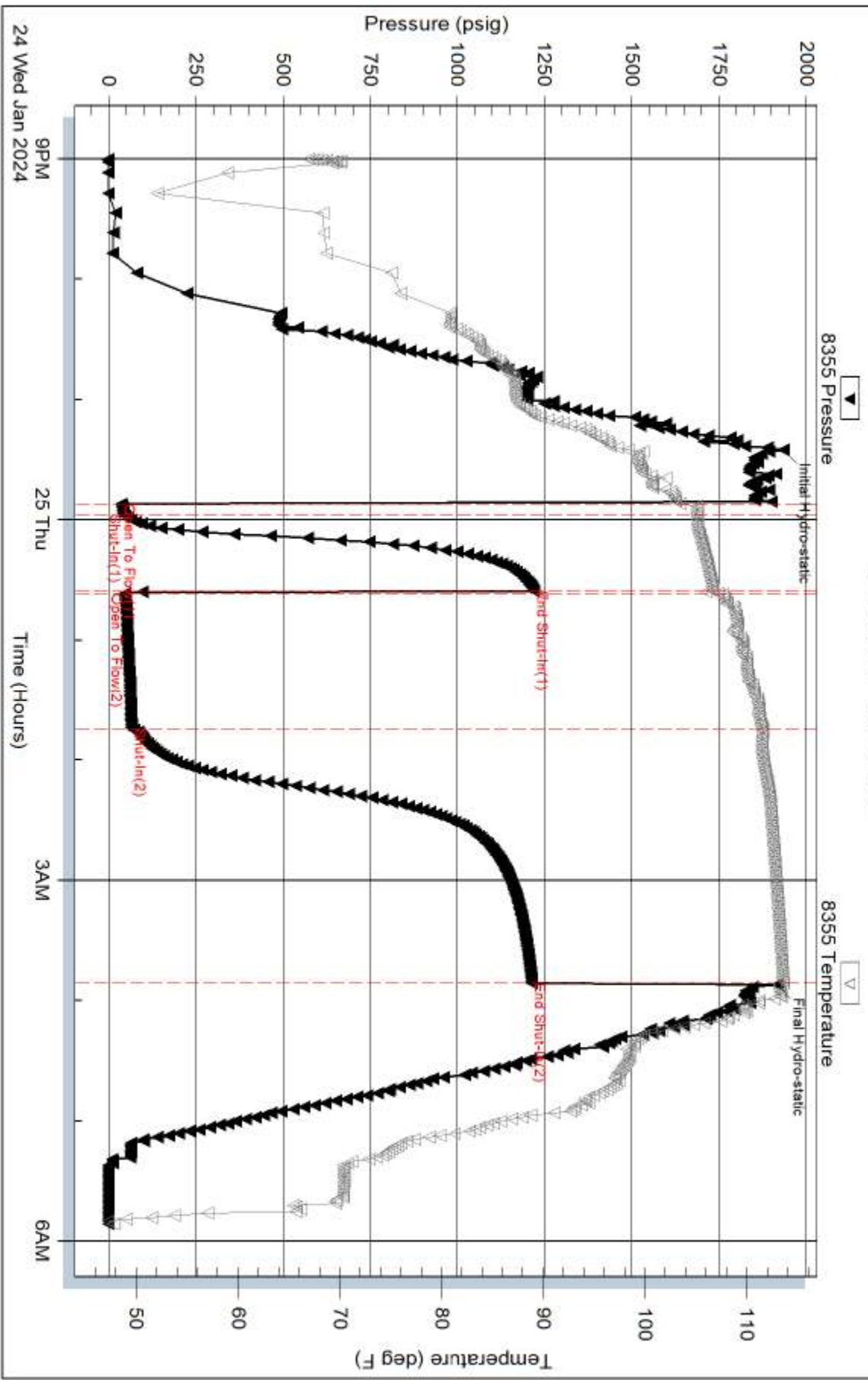
Inside

Knighthon Oil

Henderson C#1-2

DST Test Number: 4

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 69410

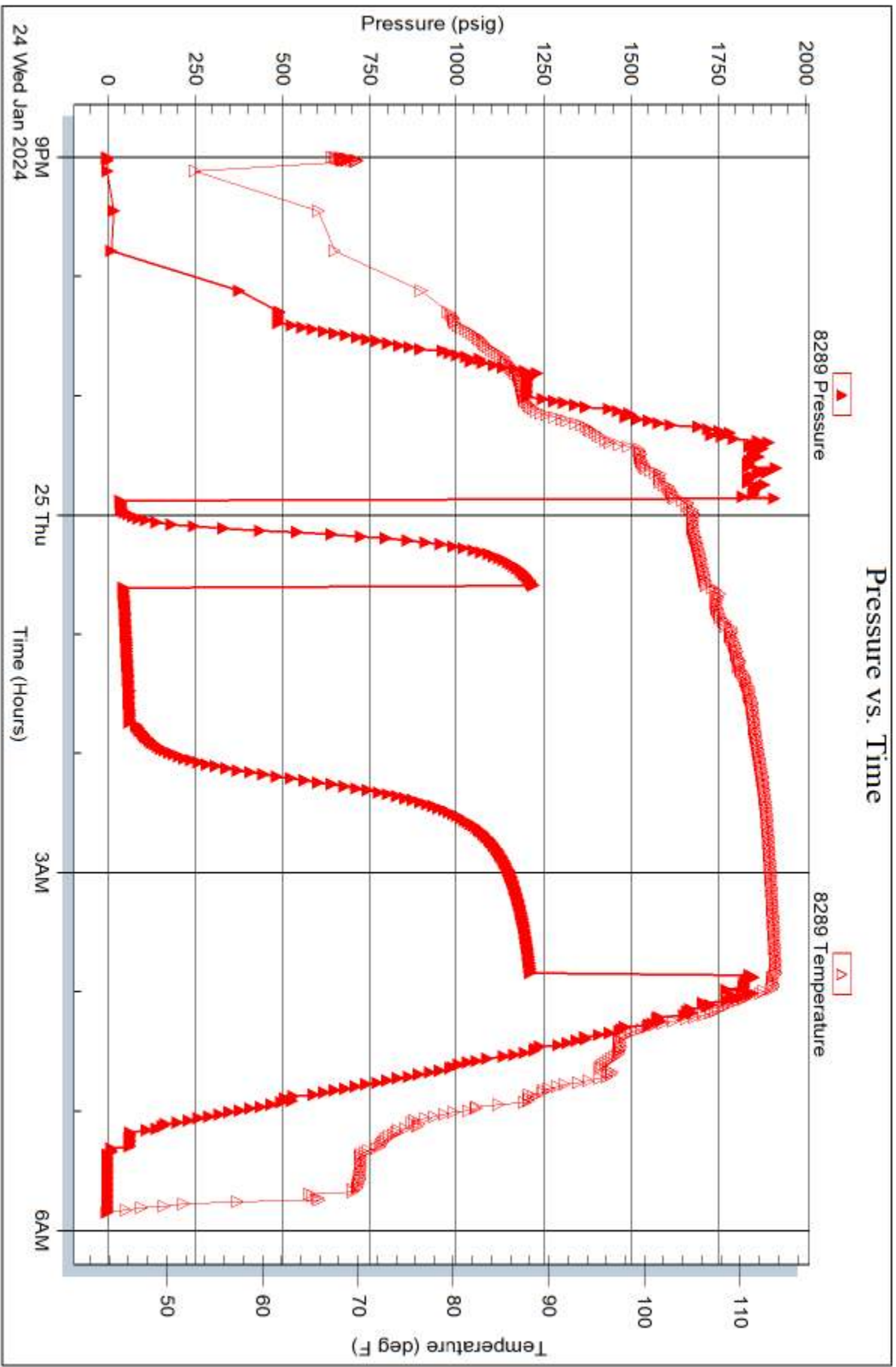
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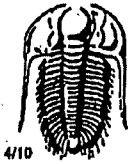
Serial #: 8289

Outside Knighton Oil

Henderson C#1-2

DST Test Number: 4





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 69407

M

Well Name & No. Henderson C 1-2 Test No. 1 Date 1-22-24
 Company Knighton Oil Elevation 1335 KB 1785 GL
 Address 1700 N Waterfront Pkwy Bldg 100 Wichita KS 67208
 Co. Rep / Geo. Blake Miller Rig F33/3
 Location: Sec. 2 Twp 26S Rge. 14W Co. Franklin State KS

Interval Tested 3787-3825 Zone Tested AB Lensing
 Anchor Length 38' Drill Pipe Run 3662 Mud Wt. 8.7
 Top Packer Depth 3782 Drill Collars Run 120 Vls 58
 Bottom Packer Depth 3787 Wt. Pipe Run 0 WL 7.2
 Total Depth 3825 Chlorides 3000 ppm System LCM 1H

Blow Description IF: Strong blow BOB in 40 seconds built to 5 psi
IS1: Weak surface blow
FF1: BOB immediate GTS 30 minutes into flow built to 15.89 psi
FS1: Strong blow BOB in 16 minutes built to

Rec	Feet of	%gas	%oil	%water	%mud
150	GMO	40	30	0	30
180	CMO	40	35	0	25
60	SGMW	5	0	85	10
60	GMO	25	50	0	25

Rec Total 450' BHT 111.4 Gravity 1.18 API RW 485 @ 37 °F Chlorides 2600 ppm

(A) Initial Hydrostatic 1639 Test 1800 T-On Location 454
 (B) First Initial Flow 67 Jars 300 T-Started 9:55
 (C) First Final Flow 78 Safety Joint T-Open 11:55
 (D) Initial Shut-In 1056 Circ Sub T-Pulled 15:35
 (E) Second Initial Flow 110 Hourly Standby T-Out 19:10
 (F) Second Final Flow 217 Mileage 26rt 45.50 Comments Batt @ 7:46
 (G) Final Shut-In 995 Sampler
 (H) Final Hydrostatic 1773 Straddle EM Tool B938 6000
 Shale Packer Ruined Shale Packer
 Extra Packer Ruined Packer
 Extra Recorder Extra Copies
 Day Standby Sub Total 0
 Accessibility Total 2145.50
 Sub Total _____ MP/DST Disc't _____

Initial Open 5
 Initial Shut-In 30
 Final Flow 60
 Final Shut-In 120

Approved By [Signature] Our Representative [Signature]

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 69408

Well Name & No. Henderson C 1-2 Test No. 2 Date 1-23-24
 Company Knighton Oil Elevation 1995 KB 1985 GL
 Address 1700 N Waterfront Pkwy Bldg 100 Wichita KS 67206
 Co. Rep / Geo. Blake Miller Rig Fossil
 Location: Sec. 2 Twp 26S Rge. 14W Co. Pratt State KS

Interval Tested 3857-3881 Zone Tested Carving F
 Anchor Length 28' Drill Pipe Run 3224 Mud Wt. 9.1
 Top Packer Depth 3848 Drill Collars Run 120 Vls 53
 Bottom Packer Depth 3853 Wt. Pipe Run 0 WL 9.2
 Total Depth 3881 Chlorides 9000 ppm System LCM 1.54#

Blow Description IF: Weak blow built to 2"
15': No blow back
FF: Fair blow BOB in 56 minutes built to 15"
FS 1: No blow back

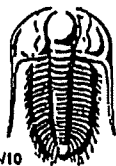
Rec	Feet of	%gas	%oil	%water	%mud
<u>210</u>	<u>m/w</u>	<u>0</u>	<u>0</u>	<u>80</u>	<u>20</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 210 BHT 110.5 Gravity N/A API RW 382 @ 39° F Chlorides 32000 ppm
 (A) Initial Hydrostatic 1865 Test 1800 T-On Location 757
 (B) First Initial Flow 22 Jars 300 T-Started 9:20
 (C) First Final Flow 44 Safety Joint T-Open 11:05
 (D) Initial Shut-In 1205 Circ Sub T-Pulled 13:30
 (E) Second Initial Flow 49 Hourly Standby T-Out 1550
 (F) Second Final Flow 123 Mileage 45.50 Comments 2+16 8:28
 (G) Final Shut-In 1135 Sampler
 (H) Final Hydrostatic 1844 Straddle EM Tool Good
 Shale Packer Ruined Shale Packer
 Extra Packer Ruined Packer
 Extra Recorder Extra Copies
 Day Standby Sub Total 0
 Accessibility Total 2145.50
 Sub Total MP/DST Disc't

Initial Open 5
 Initial Shut-In 30
 Final Flow 40
 Final Shut-In 45

Approved By _____ Our Representative Richard [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 69409

Well Name & No. Henderson C 1-2 Test No. 3 Date 1-24-29
 Company Enish Top Oil Elevation 1995 KB 1985 GL
 Address 1700 N. Waterfront Parkway, P.O. Box 100, Wichita, KS 67206
 Co. Rep / Geo. Blake Miller Rig Tossil
 Location: Sec. 2 Twp 26S Rge. 14W Co. Pratt State KS

Interval Tested 3912-3933 Zone Tested H Zones
 Anchor Length 21' Drill Pipe Run 3757 Mud Wt. 8.9
 Top Packer Depth 3907 Drill Collars Run 120 Vis 45
 Bottom Packer Depth 3912 Wt. Pipe Run 0 WL 8.9
 Total Depth 3933 Chlorides 9000 ppm System LCM 1.5#

Blow Description IF: Fair blow built to 8"
1st: Very weak blow
FF: Strong blow BCB in 8 minutes built to 37"
PSI: No blow back

Rec	Feet of	%gas	%oil	%water	%mud
5	MUD	0	0	0	100
120	5605M	5	10	0	85
	60' GIP				

Rec Total 125' BHT 112.6 Gravity N/A API RW N/A @ N/A F Chlorides N/A ppm

(A) Initial Hydrostatic 1957 Test 1800 T-On Location 1:50
 (B) First Initial Flow 30 Jars 300 T-Started 2:45
 (C) First Final Flow 35 Safety Joint T-Open 4:50
 (D) Initial Shut-In 838 Circ Sub T-Pulled 8:25
 (E) Second Initial Flow 33 Hourly Standby T-Out 10:50
 (F) Second Final Flow 71 Mileage 45.50 Comments 2756 2:8
 (G) Final Shut-In 866 Sampler
 (H) Final Hydrostatic 1830 Straddle EM Tool Didn't work
 Shale Packer Ruined Shale Packer
 Extra Packer Ruined Packer
 Extra Recorder Extra Copies

Initial Open 5:30
 Initial Shut-In 5:30
 Final Flow 60
 Final Shut-In 120
 Sub Total -350
 Total 1795.50
 Sub Total _____ MP/DST Disc't _____

Approved By [Signature] Our Representative Richie Samson

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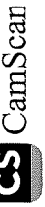


TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 69410



Well Name & No. Henderson C 1-2 Test No. 9 Date 1-24-24
 Company Knights Oil Elevation 1955 KB 1985 GL
 Address 1700 N Waterfront Plaza Bldg 100 Wichita KS 67206
 Co. Rep / Geo. Blake Miller Rig Fossil
 Location: Sec. 2 Twp 26S Rge. 14W Co. Pratt State KS

Interval Tested 3937-3978 Zone Tested Lansing T-5
 Anchor Length 41' Drill Pipe Run 3788 Mud Wt. 8.8
 Top Packer Depth 3932 Drill Collars Run 120 Vls 59
 Bottom Packer Depth 3937 Wt. Pipe Run 0 WL 8.8
 Total Depth 3978 Chlorides 9000 ppm System LCM 1#

Blow Description 1F: Weak blow built to 1.5"
15': No blow back
FF: Weak blow built to 1.5"
FS1: No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>MUD</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>100</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 60' BHT 113.5 Gravity NA API RW NA Chlorides NA ppm
 (A) Initial Hydrostatic 1934 Test 1800 T-On Location 2022
 (B) First Initial Flow 37 Jars 300 T-Started 21:45
 (C) First Final Flow 43 Safety Joint T-Open _____
 (D) Initial Shut-In 1220 Circ Sub T-Pulled _____
 (E) Second Initial Flow 47 Hourly Standby T-Out 550
 (F) Second Final Flow 66 Mileage 45:50 + 45:50 Comments B.H.S. @ 2100
 (G) Final Shut-In 1214 Sampler loaded tools 1/26 18:00
 (H) Final Hydrostatic 1916 Straddle EM Tool Good
 Shale Packer Ruined Shale Packer
 Extra Packer Ruined Packer
 Extra Recorder Extra Copies
 Day Standby 1d 12.25h Sub Total 800
 Accessibility Total 2991

Initial Open 5
 Initial Shut-In 30
 Final Flow 60
 Final Shut-In 120
 Approved By [Signature] Our Representative [Signature]

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