

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

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Northern Lights Oil Company, LLC
Well Name	RALPH 1
Doc ID	1604244

All Electric Logs Run

SONIC
MICRO
NEUTRON DENSITY
DUAL INDUCTION



785-953-0222

TICKET NUMBER 1437 K-C
LOCATION Hugotay Ks
FOREMAN Walt Dinkel

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
12-8-21		Ralph #1	27	16 ^s	42 ^w	Greeley	
CUSTOMER		Sharon Springs south to Red		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS		10 west tank 6		103	Cory D		
CITY		STATE	ZIP CODE	801-851	Nathan S.		
Andover		Ks	67002				
JOB TYPE	Surface	HOLE SIZE	12 1/4"	HOLE DEPTH	Casing Size & Weight 8 5/8 - 23 #		
CASING DEPTH	314	DRILL PIPE		TUBING	OTHER		
SLURRY WEIGHT	15.2	SLURRY VOL		WATER gal/sk	CEMENT LEFT in CASING 15-20'		
DISPLACEMENT	18 3/4	DISPLACEMENT PSI		MIX PSI	RATE 4 bpm		
REMARKS: Safety Meeting, Rig up on Duke #1, Circ casing on bottom MIX 225 SKS COM, 3% CC - 2% LAL, Displace 18 3/4 BBL H ₂ O. Shot in							

Cement Did Circ
Approx 3 BBL to Pit

Thank You
Walt & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	1	PUMP CHARGE	1,150.00	1,150.00
	70	MILEAGE	7.15	500.50
	10.58	Ton Mileage Delivery	1.75	1,851.50
	225 SKS	Surface Blend II	24.00	5,400.00
				8,346.55
		Less 25% Disc		-2,086.64
				6,259.91

AUTHORIZATION Mike Hedley TITLE Pusher DATE 12-08-21

I acknowledge that the payments terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



785-953-0222

TICKET NUMBER 1443 K-C
 LOCATION Hugoton Ks
 FOREMAN Walt Dunkel

**FIELD TICKET & TREATMENT REPORT
 CEMENT**

Ks

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-15-21		Ralph #1	27	16 ^s	42 ^w	Greeley
CUSTOMER Northern Lights Oil Co, LLC			Tribune north to Rel D west to Rel 6 1/25-46			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			103	Cory D.		
STATE			800-850	NATHAN A.		
ZIP CODE						

JOB TYPE PTA HOLE SIZE 7 1/8" HOLE DEPTH 5200' CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting, Big up on Duke #1, Plug as ordered

- 50 SKS @ 2760'
 - 80 SKS @ 2040'
 - 50 SKS @ 1020'
 - 50 SKS @ 360'
 - 20 SKS @ 60'
 - 30 SKS in R.H.
 - 20 SKS in M.H.
- 300 SKS @ 40ppm, 4% Col, 1/4# Flo-Seal

Thank You
 Walt + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	1	PUMP CHARGE	1,500.00	1,500.00
	70	MILEAGE	7.15	500.50
	12.9	Ton Mileage Delivery	1.75	225.75
	300 SKS	Light Weight Blend X	16.00	4,800.00
	75 #	Flo-Seal	3.00	225.00
				8,605.25
				Less 25% Disc 2,151.44
				6,454.31
			SALES TAX	
			ESTIMATED TOTAL	

AUTHORIZATION Mike Baliga TITLE Bob Pasher DATE 12-15-21

I acknowledge that the payments terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

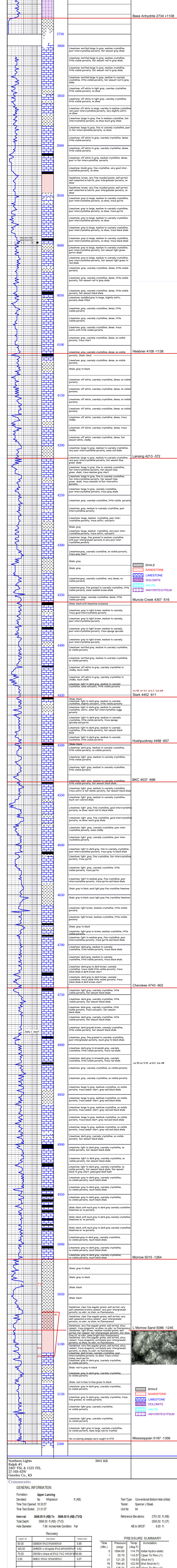
Northern Lights Oil Company, LLC
 Lease: **Ralph #1**
 Field: **WC**
 Location: **2401' FSL & 1525' FEL**
 Sec: **27** Twp: **16S** R: **42W**
 County: **Greely** State: **Kansas**

CONTRACTOR: **Duke Drilling Rig #1**
 SPUD: **12-09-21** COMP: **12-15-21**
 SAMPLES SAVED FROM: **3800'** TO: **5200'**

FORMATION: **LS** **EL** **BO** **DO** **AN** **MS**

Base Anhydrite	2703	2700	+103	-103
Hedder	2734	2733	+1	-1
Landing	4108	4106	-2	-2
Stark	4132	4129	-3	-3
Hugheskey	4496	4492	-4	-4
BKC	4896	4896	0	0
Morrow	4743	4743	0	0
Morrow SS	5086	5086	0	0
L. Morrow	5086	5086	0	0
M. Morrow	5086	5086	0	0
MS	5200	5200	0	0

A. CEN. IN. SW. 27-16S-42W; BARR. OIL #1 27-16S-42W
 C. CEN. IN. SW. 27-16S-42W; CONTR. RESOURCES #1 16S-42W



3841 KB

Northern Lights Ralph #1
 2401' FSL & 1525' FEL
 27-16S-42W
 Greely Co., KS

GENERAL INFORMATION:
 Formation: **Upper Lansing**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: **16:33:57** Test Type: **Conventional Bottom Hole (Initial)**
 Time Test Ended: **21:31:07** Tester: **Spencer J Staab**
 Unit No: **84**

Interval: 3848.00 ft (KB) To 3896.00 ft (KB) (TVD) Reference Elevations: **2703.00 ft (KB)**
Total Depth: 3896.00 ft (KB) (TVD) **2693.00 ft (CF)**
Hole Diameter: 7.88 inches-Hole Condition: Fair **KB to GRCV: 8.00 ft**

Length (ft)	Description	Volume (cu)
60.00	GSMOW 5%G 5%M 90%W	0.85
340.00	GHMOW w/oil spots 5%G 40%M 55%W	4.82
70.00	GWMOW w/trace oil 5%G 1%O 14%W 84%O	9.99
5.00	GMCO 10%G 10%M 80%O	0.07

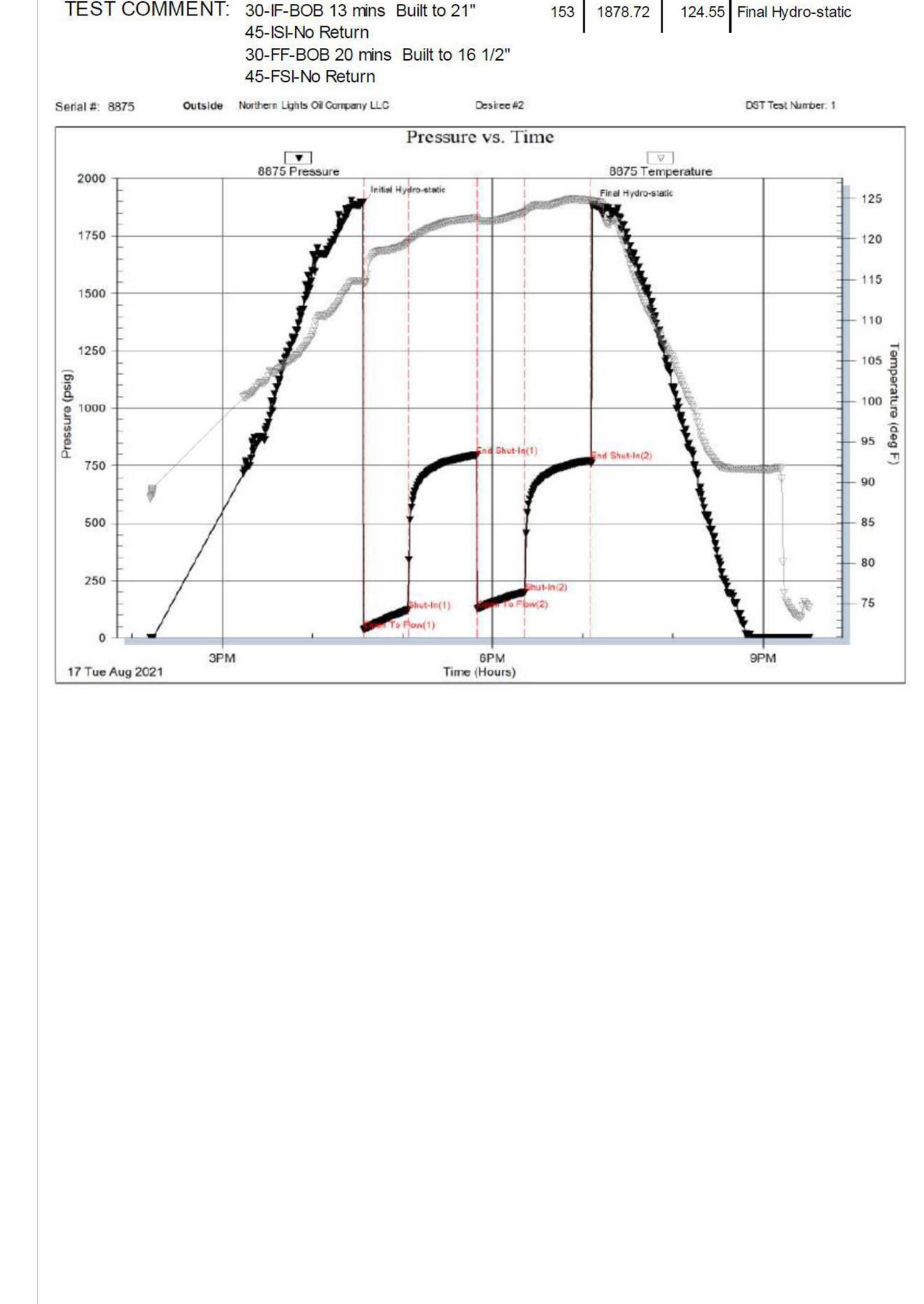
RECOVERY

PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1894.65	114.75	Initial Hydro-static
1	35.70	114.57	Open To Flow (1)
31	121.25	119.53	Shut-In(1)
76	794.40	122.55	End Shut-In(1)
77	125.71	122.35	Open To Flow(2)
109	199.99	123.32	Shut-In(2)
153	1878.72	124.81	End Shut-In(2)
		124.55	Final Hydro-static

TEST COMMENT:
 30-FI-BOB 13 mins Built to 21"
 45-IS-No Return
 30-FI-BOB 20 mins Built to 16 1/2"
 45-FI-No Return

Serial #: 8875 Outside Northern Lights Oil Company, LLC Desiccant: DGT Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Northern Lights Oil Co**

PO Box 164
Suite B
Andover, KS 67002

ATTN: Frank Mize

Ralph #1

27-16s-42w Greeley,KS

Start Date: 2021.12.14 @ 13:45:00

End Date: 2021.12.14 @ 21:25:20

Job Ticket #: 68372 DST #: 1

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

Printed: 2021.12.16 @ 14:34:29



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Northern Lights Oil Co

27-16s-42w Greeley,KS

PO Box 164
Suite B
Andover, KS 67002
ATTN: Frank Mize

Ralph #1

Job Ticket: 68372

DST#: 1

Test Start: 2021.12.14 @ 13:45:00

GENERAL INFORMATION:

Formation: **Morrow Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:33:40

Time Test Ended: 21:25:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Martine Salinas

Unit No: 81

Interval: 5068.00 ft (KB) To 5112.00 ft (KB) (TVD)

Reference Elevations: 3844.00 ft (KB)

Total Depth: 5112.00 ft (KB) (TVD)

3832.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8734 Outside

Press@RunDepth: 826.10 psig @ 5069.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.12.14 End Date: 2021.12.14

Last Calib.: 2021.12.14

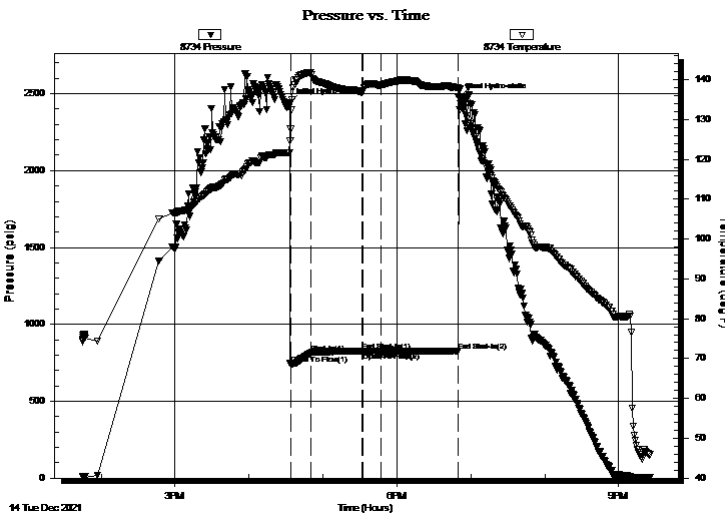
Start Time: 13:45:01 End Time: 21:25:20

Time On Btm: 2021.12.14 @ 16:32:50

Time Off Btm: 2021.12.14 @ 18:50:09

TEST COMMENT: 15-IF-B.O.B (11 inches) @ 1 mins (blow increased to 165")
45-ISI-Return blow @ 25 mins built to 1/2"
15-FF-Blow built to 6 1/4"
60-FSI-Return blow built to 7 1/4"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2439.84	121.67	Initial Hydro-static
1	742.42	127.58	Open To Flow (1)
18	812.01	141.80	Shut-In(1)
60	825.38	136.85	End Shut-In(1)
60	817.76	136.84	Open To Flow (2)
75	826.10	138.70	Shut-In(2)
138	827.48	138.02	End Shut-In(2)
138	2474.88	137.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	GMSW Oil scum 5%G,5%M,90%W	4.21
1500.00	GOSMW 13%G, 2%O,25%M,60%W	21.04
0.00	330' GIP	0.00

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Northern Lights Oil Co

27-16s-42w Greeley,KS

PO Box 164
Suite B
Andover, KS 67002
ATTN: Frank Mize

Ralph #1

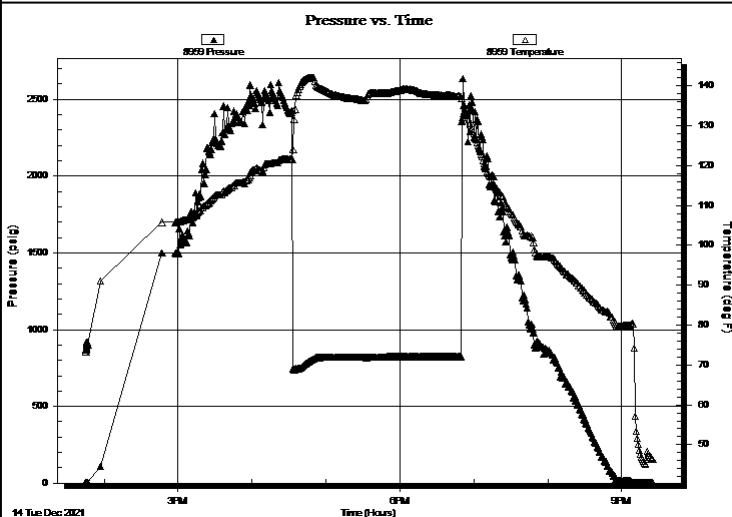
Job Ticket: 68372 **DST#: 1**
Test Start: 2021.12.14 @ 13:45:00

GENERAL INFORMATION:

Formation: **Morrow Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:33:40
 Time Test Ended: 21:25:20
 Interval: **5068.00 ft (KB) To 5112.00 ft (KB) (TVD)**
 Total Depth: 5112.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Martine Salinas
 Unit No: 81
 Reference Elevations: 3844.00 ft (KB)
 3832.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 8959 Inside
 Press@RunDepth: psig @ 5069.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2021.12.14 End Date: 2021.12.14 Last Calib.: 2021.12.14
 Start Time: 13:45:01 End Time: 21:25:20 Time On Btm:
 Time Off Btm:

TEST COMMENT: 15-IF-B.O.B (11 inches) @ 1 mins (blow increased to 165")
 45-ISI-Return blow @ 25 mins built to 1/2"
 15-FF-Blow built to 6 1/4"
 60-FSI-Return blow built to 7 1/4"



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
300.00	GMSW Oil scum 5%G,5%M,90%W	4.21
1500.00	GOSMW 13%G, 2%O,25%M,60%W	21.04
0.00	330' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Northern Lights Oil Co

27-16s-42w Greeley,KS

PO Box 164
Suite B
Andover, KS 67002
ATTN: Frank Mize

Ralph #1

Job Ticket: 68372

DST#: 1

Test Start: 2021.12.14 @ 13:45:00

Tool Information

Drill Pipe:	Length: 5067.00 ft	Diameter: 3.80 inches	Volume: 71.08 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 71.08 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	5068.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	72.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5045.00	
Hydraulic tool	5.00	1018		5050.00	
Jars	5.00	01-07		5055.00	
Safety Joint	3.00	-001		5058.00	
Packer	5.00			5063.00	28.00 Bottom Of Top Packer
Packer	5.00			5068.00	
Stubb	1.00			5069.00	
Recorder	0.00	8959	Inside	5069.00	
Recorder	0.00	8734	Outside	5069.00	
Perforations	5.00			5074.00	
Change Over Sub	1.00			5075.00	
Drill Pipe	31.00			5106.00	
Change Over Sub	1.00			5107.00	
Bullnose	5.00			5112.00	44.00 Bottom Packers & Anchor

Total Tool Length: 72.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Northern Lights Oil Co

27-16s-42w Greeley,KS

PO Box 164
Suite B
Andover, KS 67002
ATTN: Frank Mize

Ralph #1

Job Ticket: 68372

DST#: 1

Test Start: 2021.12.14 @ 13:45:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 7.20 in³
Resistivity: ohm.m
Salinity: 3000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 31000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	GMSW Oil scum 5%G,5%M,90%W	4.208
1500.00	GOSMW 13%G, 2%O,25%M,60%W	21.041
0.00	330' GIP	0.000

Total Length: 1800.00 ft Total Volume: 25.249 bbl

Num Fluid Samples: 0

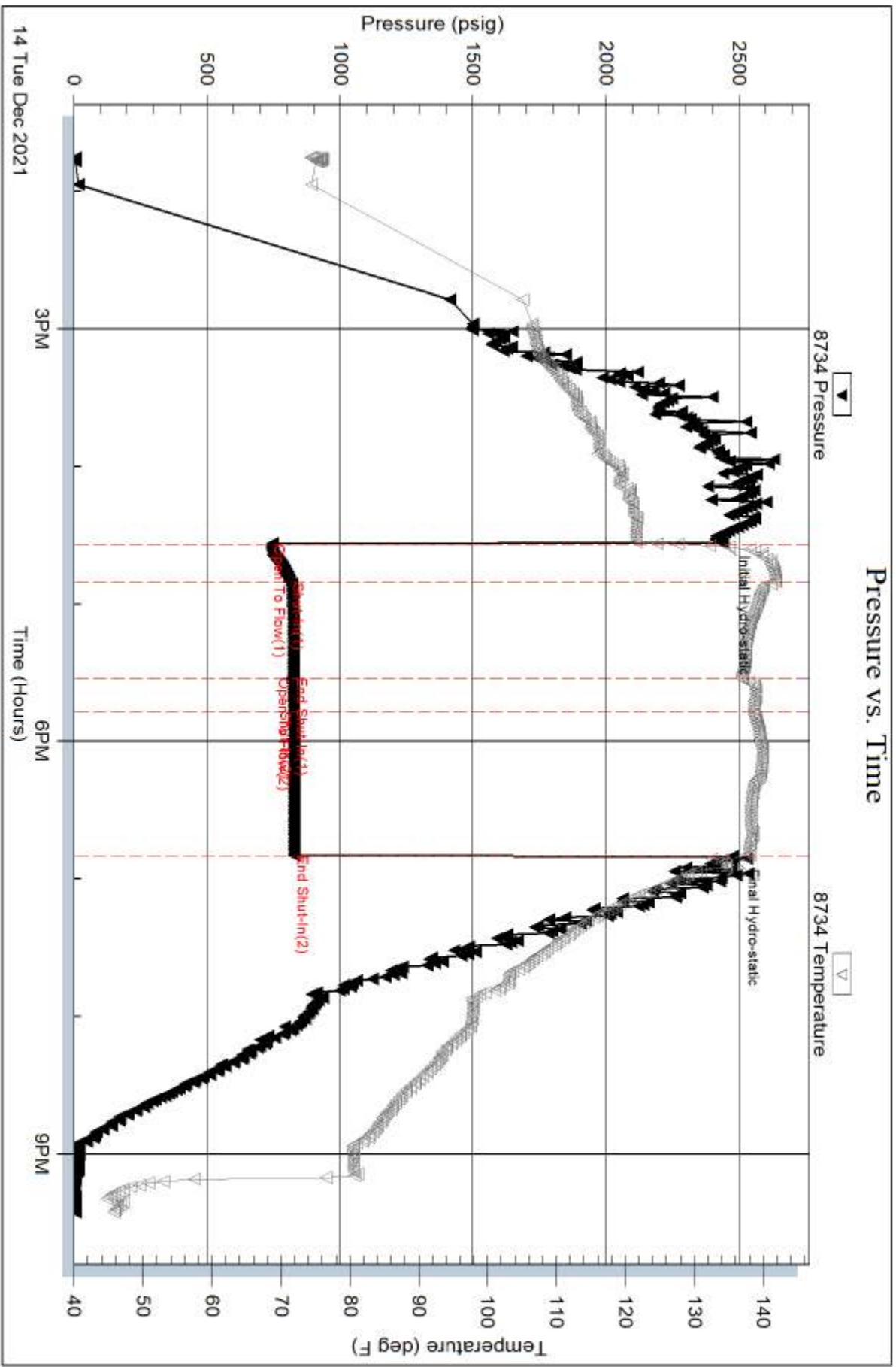
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .330 @ 49.0 degs= 31,000 PPM



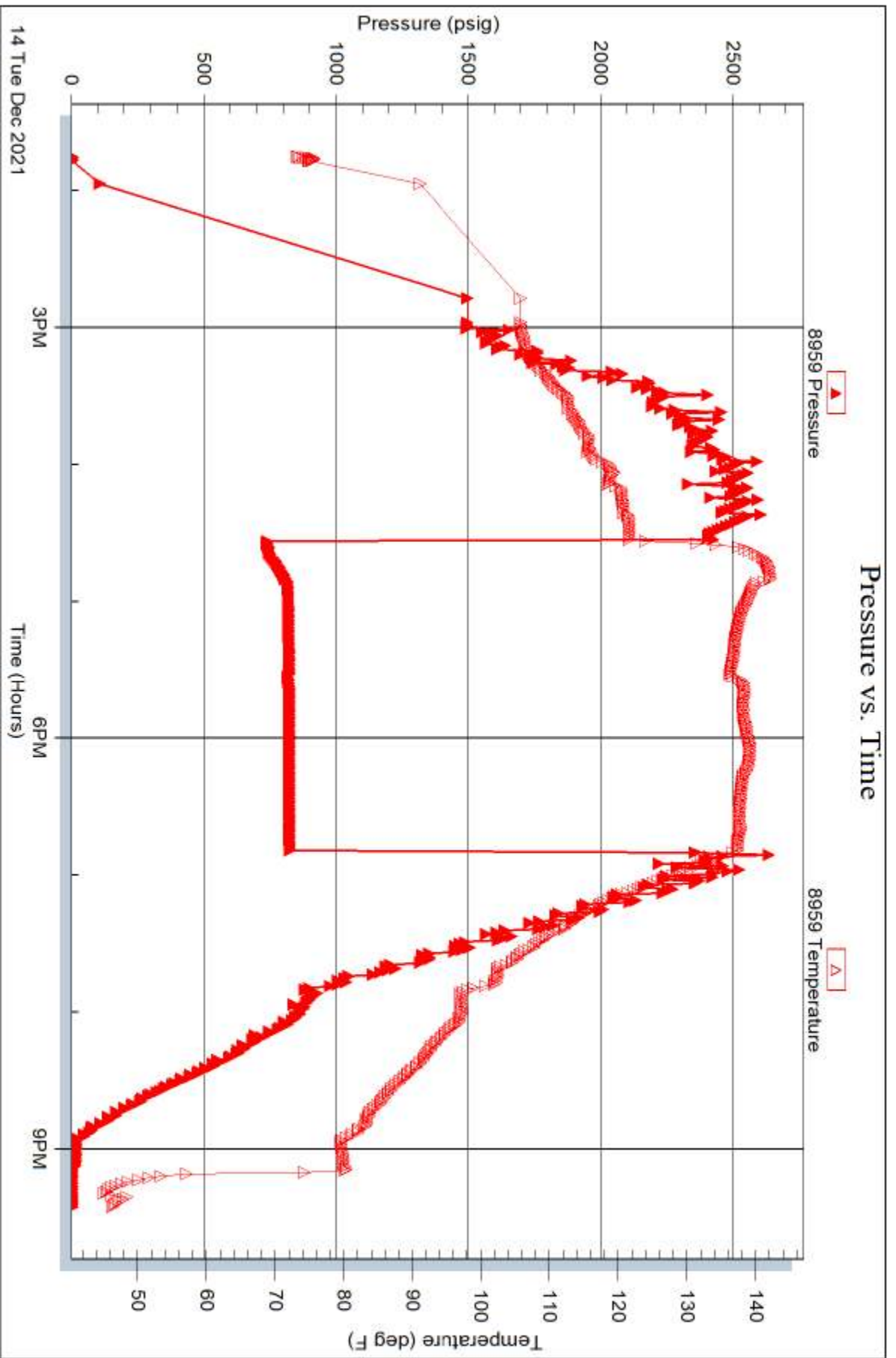
Serial #: 8959

Inside

Northern Lights Oil Co

Ralph #1

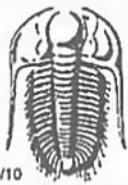
DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 68372

Printed: 2021.12.16 @ 14:34:30



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **68372**

Well Name & No. Ralph #1 Test No. 1 Date 12-14-21
 Company Northern Lights Oil Company Elevation 3844 KB 3832 GL
 Address P.O. Box 164 Suite B. Andover, KS 67002
 Co. Rep / Geo. Frank Mize Rig Duke #1
 Location: Sec. 27 Twp 16 Rge. 42 Co. Greeley State KS

Interval Tested 5068-5112 Zone Tested Morrow Sand
 Anchor Length 44' Drill Pipe Run 5067 Mud Wt. 9.3
 Top Packer Depth 5063 Drill Collars Run --- Vis 55
 Bottom Packer Depth 5068 Wt. Pipe Run --- WL 7.2
 Total Depth 5112 Chlorides 3000 ppm System LCM 5#

Blow Description IF - B.O.B @ 1 min (blow increased to 165")
ISI - Return blow @ 25 mins built to 1/2"
FF - Blow built to 6 1/4"
FSI - Return blow built to

Rec	Feet of	%gas	%oil	%water	%mud
<u>300</u>	<u>Feet of GMSW oil scum.</u>	<u>5</u>	<u>90</u>	<u>5</u>	
<u>1500</u>	<u>Feet of GOSMW</u>	<u>13</u>	<u>2</u>	<u>60</u>	<u>25</u>
<u>0</u>	<u>Feet of 330' GSP.</u>				

Rec Total 1800 BHT 137 Gravity --- API RW 330 @ 49.0 °F Chlorides 31,000 ppm

(A) Initial Hydrostatic 2440 Test 1550 T-On Location 10:45
 (B) First Initial Flow 742 Jars 250 T-Started 13:45
 (C) First Final Flow 812 Safety Joint 75 T-Open 16:32
 (D) Initial Shut-In 825 Circ Sub _____ T-Pulled 18:47
 (E) Second Initial Flow 818 Hourly Standby _____ T-Out 21:25
 (F) Second Final Flow 826 Mileage 149RT 186.25 Comments _____
 (G) Final Shut-In 827 Sampler _____
 (H) Final Hydrostatic 2475 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Sub Total 2061.25 MP/DST Disc't _____

Approved By _____ Our Representative Justin Salinas
 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.