KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1166740

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5474
Name: Northern Lights Oil Company, LLC
Address 1: PO BOX 164
Address 2:
City: ANDOVER State: KS Zip: 67002 + 0164
Contact Person: Robert Sutherland
Phone: (316) 733-1515
CONTRACTOR: License # 4958
Name: Mallard, J. V., Inc.
Wellsite Geologist: Jeff Christian
Purchaser:

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [x] Oil
- [ ] WSW
- [ ] SWD
- [ ] SIOW
- [ ] Gas
- [ ] D&A
- [ ] ENHR
- [ ] SIGW
- [ ] OG
- [ ] GSW
- [ ] Temp. Abd.
- [ ] 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 ENHR
- [ ] Conv. to SWD
- [ ] Conv. to GSW
- [ ] Plug Back: Plug Back Total Depth
- [ ] Commingled Permit #:
- [ ] Dual Completion Permit #:
- [ ] SWD Permit #:
- [ ] ENHR Permit #:
- [ ] GSW Permit #:

07/06/2013	07/14/2013	07/14/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-137-20652-00-00
Spot Description:
E2 - SW - NE - NE Sec. 20 Twp. 5 S. R. 23 [ ] East [x] West
990 Feet from [x] North / [ ] South Line of Section
920 Feet from [x] East / [ ] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[x] NE [ ] NW [ ] SE [ ] SW
County: Norton
Lease Name: Goings Well #: 1
Field Name:
Producing Formation: Lansing Kansas City
Elevation: Ground: 2242 Kelly Bushing: 2252
Total Depth: 3610 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 218 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 1868
feet depth to: 0 w/ 370 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 14000 ppm Fluid volume: 700 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: RL Investment, LLC
Lease Name: Pfeifer #7 License #: 33268
Quarter SE Sec. 25 Twp. 10 S. R. 25 [ ] East [x] West
County: Graham Permit #: 15-065-23746

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

- [x] Letter of Confidentiality Received
  Date: 11/05/2013
- [ ] Confidential Release Date:
- [x] Wireline Log Received
- [ ] Geologist Report Received
- [ ] UIC Distribution

ALT [ ] I [x] II [ ] III Approved by: NAOMI JAMES Date: 11/12/2013

Side Two

1166740

Operator Name: Northern Lights Oil Company, LLC Lease Name: Goings Well #: 1

Sec. 20 Twp. 5 S. R. 23 ☐ East ☑ West County: Norton

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

Radiation Guard
Cement Bond Log

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Anhydrite	1867	385
Topeka	3177	-925
Heebner	3373	-1121
Toronto	3402	-1150
Lansing	3416	-1164
BKC	3603	-1351

CASING RECORD ☑ New ☐ 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
Production	7.875	5.5	15.5	3617	top 60/40 poz, btm DWC	545	top 8% gel, 1/4# flo seal
Surface	12.25	8.625	23	218	Class A	165	2% Gel, 3% CC

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	-			
	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
4		39 Grm Expendable Chrg	3485-3488
4		39 Grm Expendable Chrg	3560-3562

TUBING RECORD: Size: 2.875 Set At: 3524 Packer At:

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 10/09/2013

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

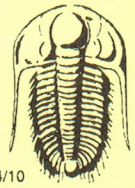
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	10	0	15		

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:
3485
3562

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202



4/10

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53401

Well Name & No. [illegible] 1 Test No. 1 Date 7-12-13

Company [illegible] Elevation 2252 KB 2247 GL

Address [illegible] 67002

Co. Rep / Geo. [illegible] Rig Miller 1

Location: Sec. 20 Twp. 5 Rge. [illegible] Co. Norton State KS

Interval Tested 3521 3550 Zone Tested LKC H

Anchor Length 29 Drill Pipe Run 3226 Mud Wt. 9.1

Top Packer Depth 3516 Drill Collars Run 298 Vis 55

Bottom Packer Depth 3521 Wt. Pipe Run 0 WL 6.4

Total Depth 3550 Chlorides 500 ppm System LCM 1

Blow Description IF: BOB in 3"

IS: No Blow

FF: BOB in 2"

ISI: No Blow

Rec 8	Feet of MCO	%gas 65	%oil	%water 35	%mud	
Rec 120	Feet of MCW	%gas	%oil 70	%water 30	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	

Rec Total 128 BHT 106 Gravity ____ API RW .190 @ 102 °F Chlorides 4000 ppm

(A) Initial Hydrostatic	1723	☐ Test	T-On Location 11:45
(B) First Initial Flow	12	☐ Jars	T-Started 13:00
(C) First Final Flow	41	☐ Safety Joint	T-Open 15:00
(D) Initial Shut-In	1212	☐ Circ Sub NA	T-Pulled 18:00
(E) Second Initial Flow	46	☐ Hourly Standby	T-Out 19:55
(F) Second Final Flow	77	☐ Mileage 100 RT	Comments
(G) Final Shut-In	1164	☐ Sampler	
(H) Final Hydrostatic	1718	☐ Straddle	
		☐ Shale Packer	☐ Ruined Shale Packer
Initial Open	30	☐ Extra Packer	☐ Ruined Packer
Initial Shut-In	45	☐ Extra Recorder	☐ Extra Copies
Final Flow	45	☐ Day Standby	Sub Total
Final Shut-In	60	☐ Accessibility	Total
		Sub Total	MP/DST Disc't

Approved By ____ Our Representative [signature]

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Northern Lights Oil Co. LLC

PO Box 164
Andover Ks 67002

ATTN: Jieff Christenson

20-5s-23w

Goings #1

Job Ticket: 53401 DST#: 1

Test Start: 2013.07.12 @ 13:00:00

GENERAL INFORMATION:

Formation: Lan H
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:01:00
Time Test Ended: 19:53:45

Test Type: Conventional Bottom Hole (Initial)
Tester: Wilbur Steinbeck
Unit No: 44

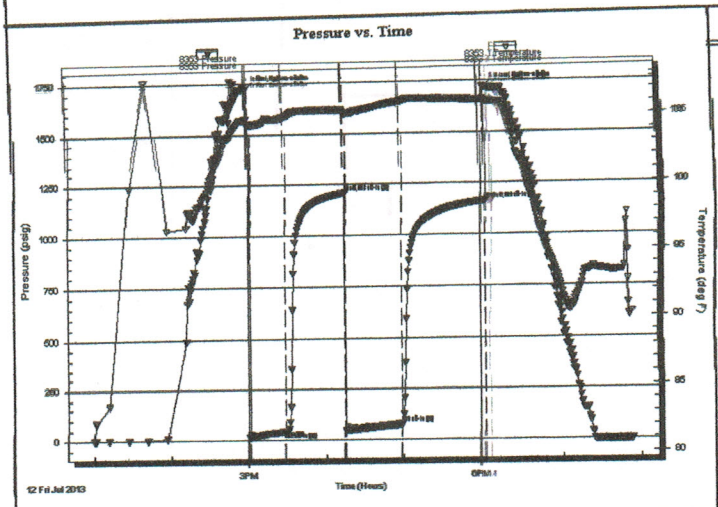
Reference Elevations: 2252.00 ft (KB)
2247.00 ft (CF)
KB to GR/CF: 5.00 ft

Interval: 3521.00 ft (KB) To 3550.00 ft (KB) (TVD)
Total Depth: 3550.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Serial #: 8353 Outside
Press@RunDepth: 76.81 psig @ 3522.00 ft (KB)
Start Date: 2013.07.12 End Date: 2013.07.12
Start Time: 13:00:00 End Time: 19:53:45

Capacity: 8000.00 psig
Last Calib.: 2013.07.12
Time On Btm: 2013.07.12 @ 15:00:30
Time Off Btm: 2013.07.12 @ 18:05:00

TEST COMMENT: 30 IF; Built to 3"
45 ISI; No Blow
45 FF; Built to 2"
60 FSI; No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1723.30	104.82	Initial Hydro-static
1	11.67	104.30	Open To Flow (1)
28	40.58	104.95	Shut-In(1)
74	1211.93	105.49	End Shut-In(1)
75	45.83	105.27	Open To Flow (2)
118	76.81	106.07	Shut-In(2)
183	1163.65	106.14	End Shut-In(2)
185	1717.64	106.10	Final Hydro-static

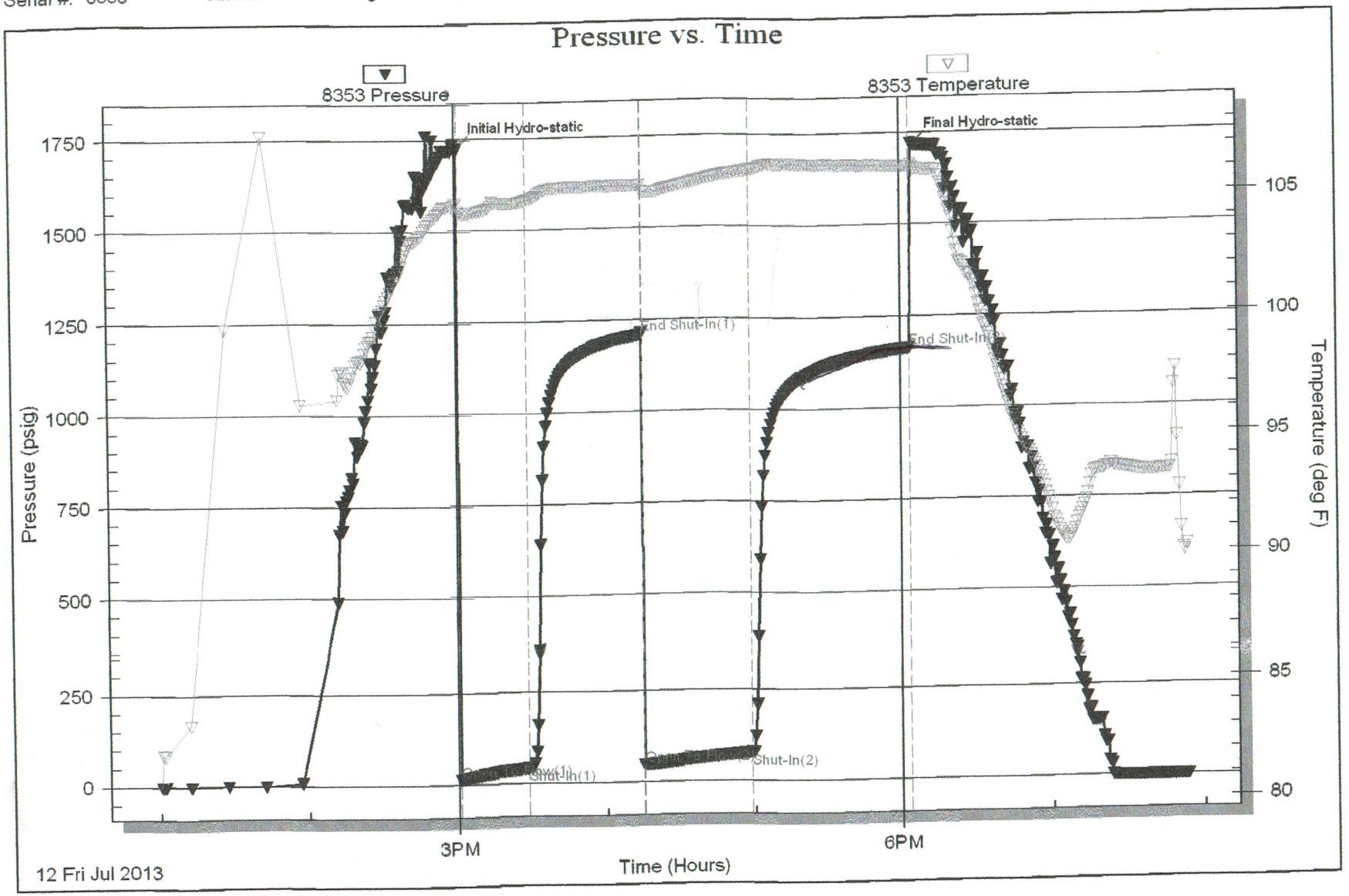
Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCW 30%M 70%W	0.59
8.00	MCO 35%M 65%O	0.04

Gas Rates

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

Serial #: 8353 **Outside** Northern Lights Oil Co, LLC Golngs #1 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 53401 Printed: 2013.07.12 @ 20:10:58

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 53402

Well Name & No. Goings #1 Test No. 2 Date 7-13-13

Company Northern Lights Oil Co. LLC Elevation 2252 KB 2247 GL

Address PO Box 164 Andover KS 67002

Co. Rep / Geo. Jeff Christenson Rig Mallard 1

Location: Sec. 20 Twp. 5s Rge. 23w Co. Norton State KS

Interval Tested 3549 3580 Zone Tested Lan J

Anchor Length 31 Drill Pipe Run 3235 Mud Wt. 9.1

Top Packer Depth 3544 Drill Collars Run 298 Vis 56

Bottom Packer Depth 3549 Wt. Pipe Run 0 WL 6.4

Total Depth 3580 Chlorides 700 ppm System LCM 1

Blow Description IF; No Blow
ISI; No Blow
FF; No Blow
FSI; No Blow

Rec 5	Feet of Mud	%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	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 104° Gravity ____ API RW ____ @ ____ °F Chlorides ____ ppm

(A) Initial Hydrostatic 1,743	☐ Test	T-On Location 4:20
(B) First Initial Flow 12	☐ Jars	T-Started 4:31
(C) First Final Flow 18	☐ Safety Joint	T-Open 7:00
(D) Initial Shut-In 60	☑ Circ Sub NA	T-Pulled 9:00
(E) Second Initial Flow 15	☐ Hourly Standby	T-Out 10:38
(F) Second Final Flow 21	☑ Mileage 100 RT	Comments
(G) Final Shut-In 50	☐ Sampler	
(H) Final Hydrostatic 1,714	☐ Straddle	☐ Ruined Shale Packer
	☐ Shale Packer	☐ Ruined Packer
Initial Open 30	☐ Extra Packer	☐ Extra Copies
Initial Shut-In 30	☐ Extra Recorder	Sub Total
Final Flow 30	☐ Day Standby	Total
Final Shut-In 30	☐ Accessibility	MP/DST Disc't
	Sub Total	

Approved By ____ Our Representative Willie Stinbol

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Northern Lights Oil Co. LLC

PO Box 1664
Andover Ks 67002

ATTN: Jeff Christenson

20-5s-23w

Goings #1

Job Ticket: 53402 **DST#: 2**

Test Start: 2013.07.13 @ 04:31:00

GENERAL INFORMATION:

Formation: **Lan J**
Deviated: No Whipstock: fft (KB)
Time Tool Opened: 06:59:30
Time Test Ended: 10:37:30

Test Type: Conventional Bottom Hole (Reset)
Tester: Wilbur Steinbeck
Unit No: 44

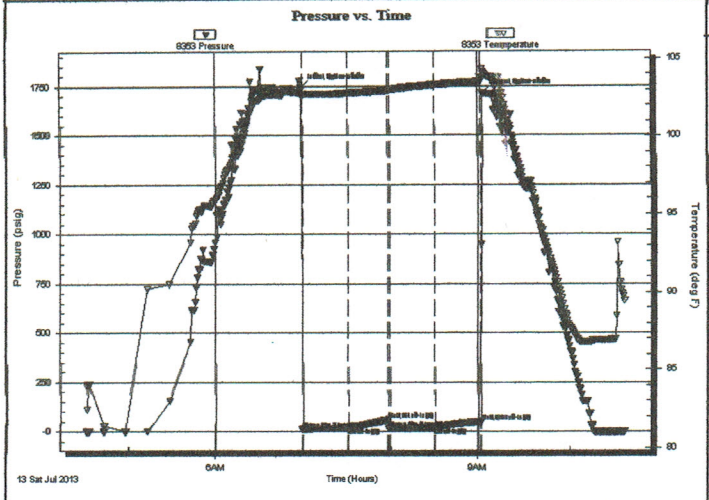
Interval: 3549.00 ft (KB) To 3580.00 ft (KB) (TVD)
Total Depth: 3580.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2252.00 ft (KB)
2247.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8353 **Outside**
Press@RunDepth: **21.13 psig @** 3550.00 ft (KB)
Start Date: 2013.07.13 End Date: **2013.07.13**
Start Time: **04:31:00** End Time: 10:37:30

Capacity: 8000.00 psig
Last Calib.: **2013.07.13**
Time On Btm: 2013.07.13 @ 06:59:00
Time Off Btm: 2013.07.13 @ 09:03:30

TEST COMMENT: 30 IF: No Blow
30 ISI; No Blow
30 FF; No Blow
30 FSI; No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1742.75	103.03	Initial Hydro-static
1	11.71	102.58	Open To Flow (1)
32	18.38	102.80	**Shut-In(1)**
59	60.45	102.97	End Shut-In(1)
60	15.41	103.01	Open To Flow (2)
92	21.13	103.33	Shut-In(2)
123	50.13	103.50	End Shut-In(2)
125	1714.23	104.13	Final Hydro-static

Recovery

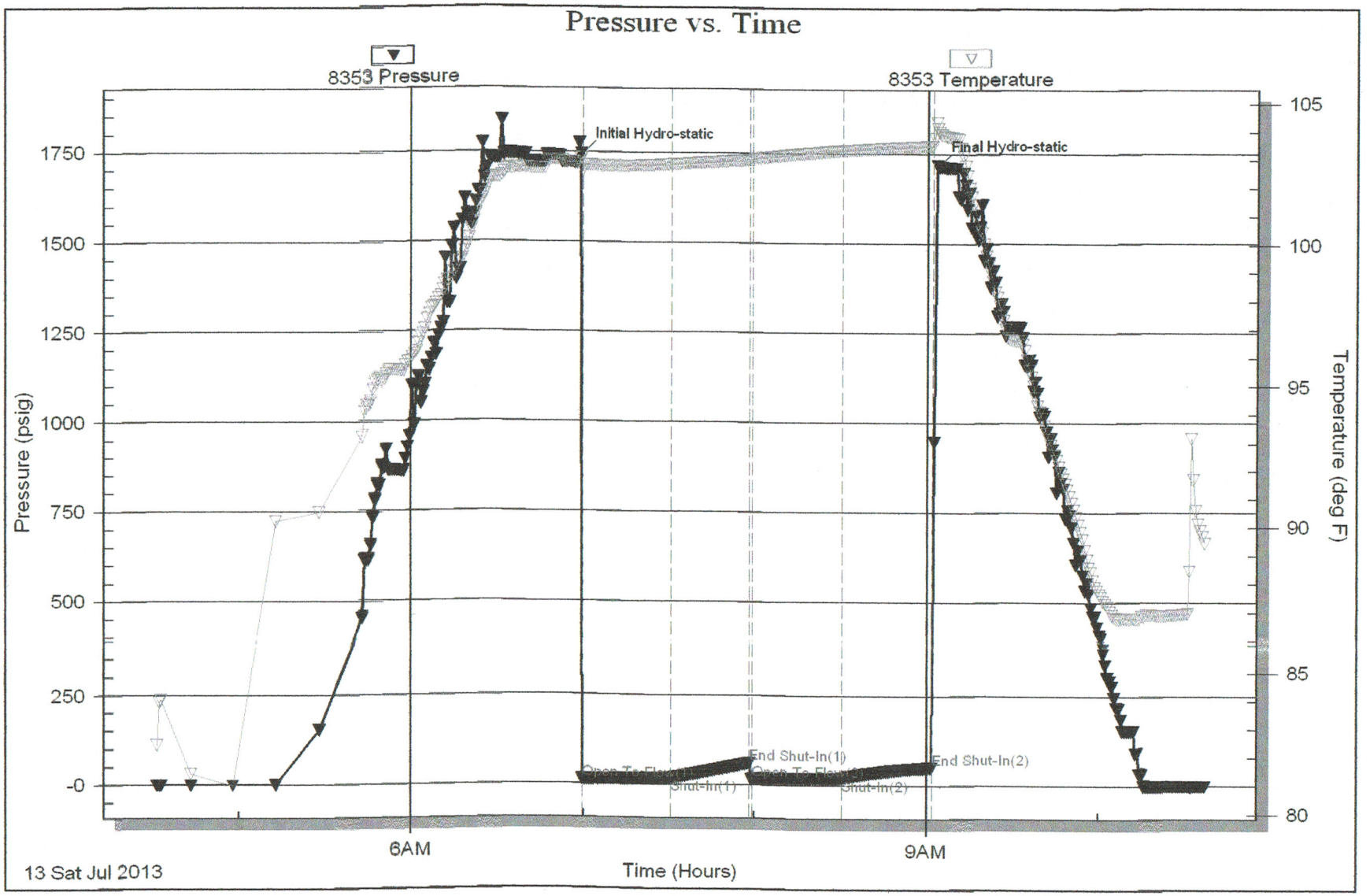
Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

* Recovery from multiple tests

Gas Rates

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

Serial #: 8353 **Outside** Northern Lights Oil Co. LLC Goings #1 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 53402 Printed: 2013.07.13 @ 10:47:54

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 52764

Well Name & No. Goings #1 Test No. 3 Date 7-14-13

Company Northern Lights Oil Co. LLC Elevation 2252 KB 2247 GL

Address PO Box 164 Andover, KS 67002

Co. Rep / Geo. Jeff Christian Rig Mallard #1

Location: Sec. 20 Twp. 5s Rge. 23w Co. Norton State KS

Interval Tested 3476 - 3508 Zone Tested LKC "F"

Anchor Length 32 Anchor 110 Tail Drill Pipe Run 3167 Mud Wt. 9.1

Top Packer Depth 3471 - 3476 Drill Collars Run 298 Vis 56

Bottom Packer Depth 3508 Wt. Pipe Run - WL 6.4

Total Depth 3618 Chlorides 700 ppm System LCM 1

Blow Description IF: Blow built to BOB (11") in 8 min.
ISI: Blowback built to 1½"
FF: Blow built to BOB in 10½ min.
FSI: Blowback built to 5½"

Rec 107	Feet of CGO	12 %gas	86 %oil	- %water	2 %mud
Rec 130	Feet of MCO	4 %gas	63 %oil	- %water	33 %mud
Rec 168	Feet of GWOM	19 %gas	28 %oil	16 %water	37 %mud
Rec	Feet of GIP=325'	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 405 BHT Gravity 36 API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 1736	☐ Test *	T-On Location 21:10 7/13
(B) First Initial Flow 34	☑ Jars	T-Started 21:50
(C) First Final Flow 134	☑ Safety Joint	T-Open 00:33
(D) Initial Shut-In 1105	☑ Circ Sub * NA	T-Pulled 3:18
(E) Second Initial Flow 146	☑ Hourly Standby	T-Out 5:40 7/14
(F) Second Final Flow 179	☐ Mileage 102RT	Comments could not check RW of water
(G) Final Shut-In 1057	☑ Sampler	
(H) Final Hydrostatic 1707	☐ Straddle *	☑ Ruined Shale Packer
	☑ Shale Packer *	☑ Ruined Packer
Initial Open 30	☑ Extra Packer	☑ Extra Copies
Initial Shut-In 45	☑ Extra Recorder	Sub Total
Final Flow 30	☑ Day Standby	Total
Final Shut-In 60	☑ Accessibility	MP/DST Disc't
	Sub Total	

Approved By Jeff Christian Our Representative James Winder

DRILL STEM TEST REPORT

FLUID SUMMARY

Northern Lights Oil Co. LLC

PO Box 164
Andover Ks 67002

ATTN: Jeff Christenson

20-5s-23w Norton KS

Goings #1

Job Ticket: 52764 **DST#: 3**

Test Start: 2013.07.13 @ 21:50:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	36 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	56.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.39 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	700.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
168.00	GWOM 37%m, 28%o, 19%g, 16%w	0.826
130.00	MCO 63%o, 33%m, 4%g	0.639
107.00	CGO 86%o, 12%g, 2%m	1.501
0.00	GIP = 325'	0.000

Total Length: 405.00 ft Total Volume: 2.966 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Gravity = 37.6 api @ 76 deg F
Corrected Gravity = 36 api
Could not check RW of Water

DRILL STEM TEST REPORT

Northern Lights Oil Co. LLC

PO Box 164
Andover Ks 67002

ATTN: Jeff Christenson

20-5s-23w Norton KS

Goings #1

Job Ticket: 52764 **DST#: 3**

Test Start: 2013.07.13 @ 21:50:00

GENERAL INFORMATION:

Formation: **LKC "F"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:33:00
Time Test Ended: 05:43:15

Test Type: Conventional Straddle (Reset)
Tester: James Winder
Unit No: 57

Interval: 3476.00 ft (KB) To 3508.00 ft (KB) (TVD)
Total Depth: 3618.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

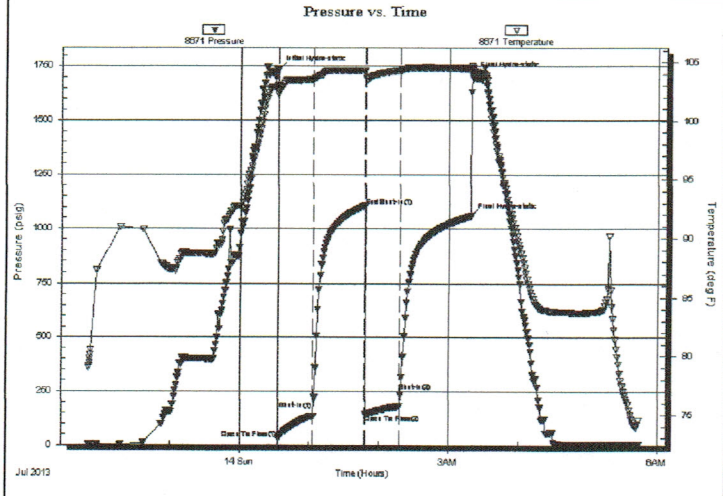
Reference Elevations: 2252.00 ft (KB)
2247.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8671 **Inside**

Press@RunDepth: 133.95 psig @ 3477.00 ft (KB)
Start Date: 2013.07.13 End Date: 2013.07.14
Start Time: 21:50:00 End Time: 05:43:15

Capacity: 8000.00 psig
Last Calib.: 2013.07.14
Time On Btm: 2013.07.14 @ 00:32:45
Time Off Btm: 2013.07.14 @ 03:18:45

TEST COMMENT: 30 - IF: Blow built to BOB (11") in 8 min.
45 - ISI: Blow back built to 1 1/2"
30 - FF: Blow built to BOB in 10 1/2 min.
60 - FSI: Blow back built to 5 1/2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1736.37	103.03	Initial Hydro-static
1	33.65	102.22	Open To Flow (1)
31	133.95	103.56	Shut-In(1)
75	1104.52	104.30	End Shut-In(1)
76	145.64	103.67	Open To Flow (2)
105	179.48	104.30	Shut-In(2)
166	1057.32	104.47	Final Hydro-static
167	1707.47	104.52	Final Hydro-static

Recovery

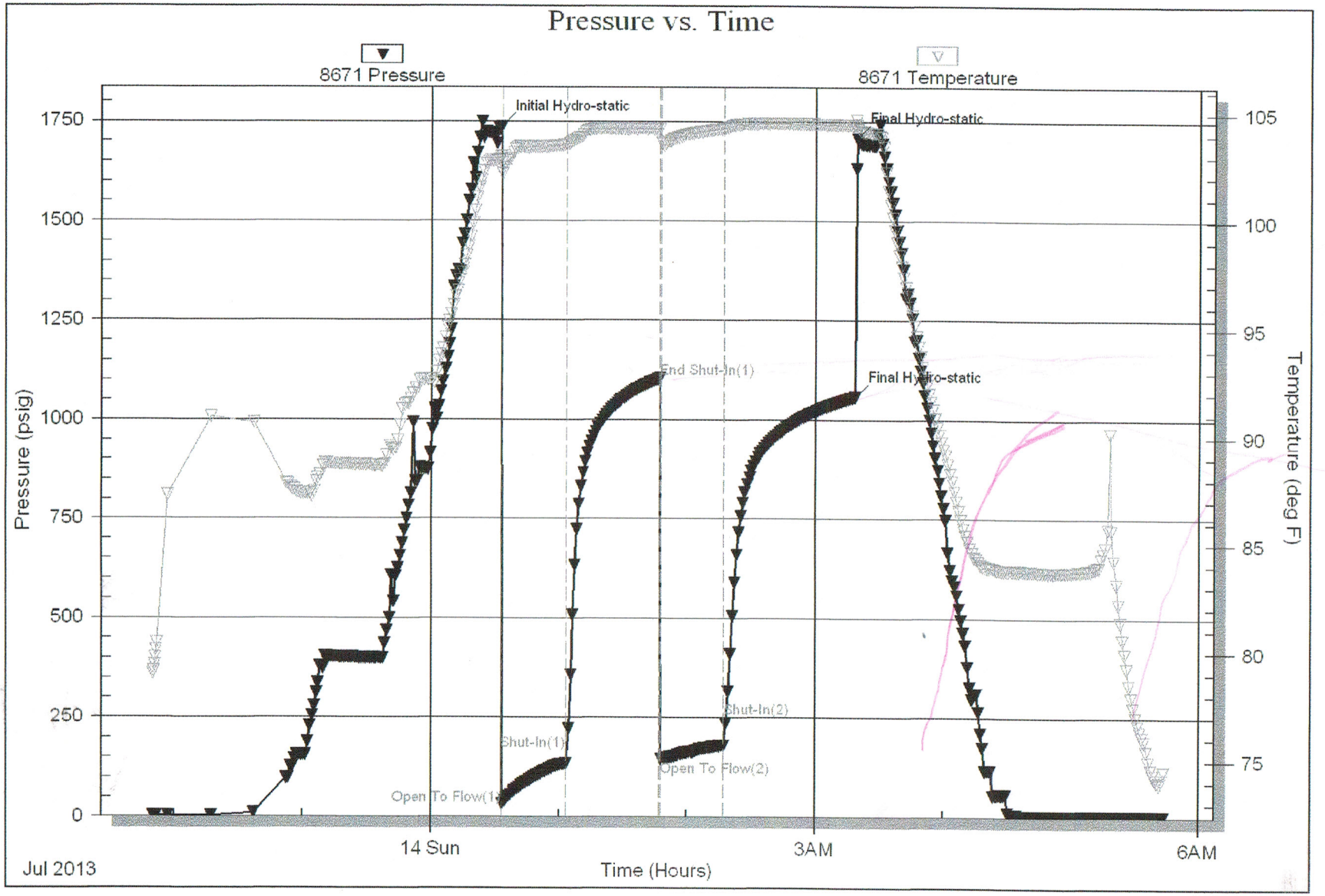
Length (ft)	Description	Volume (bbl)
168.00	GWOM 37%m, 28%o, 19%g, 16%w	0.83
130.00	MCO 63%o, 33%m, 4%g	0.64
107.00	CGO 86%o, 12%g, 2%m	1.50
0.00	GIP = 325'	0.00

* Recovery from multiple tests

Gas Rates

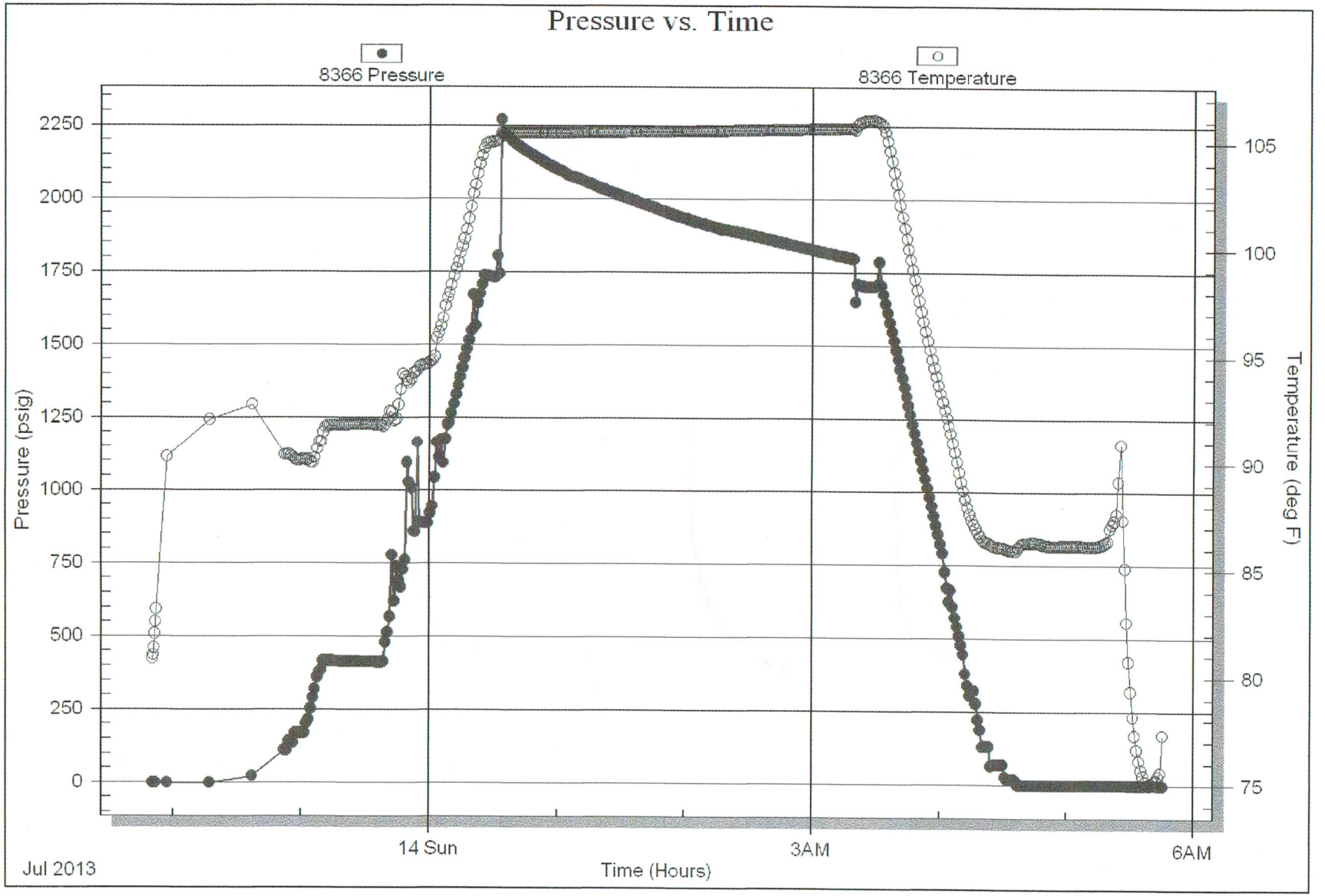
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Serial #: 8671 **Inside** Northern Lights Oil Co. LLC Goings #1 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 52764 Printed: 2013.07.14 @ 06:23:40

Serial #: 8366 **Inside** Northern Lights Oil Co. LLC Goings #1 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 52764 Printed: 2013.07.14 @ 06:24:02

MALLARD JV, Inc. Drilling Contractor — **RIG 2** — **BIT RECORD** — FILE NO. — API NO. 15- 137-20652-00-00

OPERATOR Northern Lights Oil Co. LEASE/WELL NO. Goings #1 LOC E2 SW NE NE 20 T 5 R 23W

DIRECTIONS Lenora - 3 East, 1 South, 1 East + South Into COUNTY Norton KANSAS

TOOLPUSHER LAVON URBAN DRILLERS Elson, URBAN, Symank

DRIVES: BUCYRUS with CAT C-15 DRILL PIPE 4 1/2" 16.6 LB/FT. MUD CONDITIONED COMPANY Mud-Co TYPE chemical WITH SERVICE YES NO

PUMP NO.1 GD DSR with CAT D-353 DATE SPUD 7-8-13 DATE UNDER SURF. 7-8-13 DRILL COLLARS NO. 20 OD 6 ID 2 9/16 LENGTH 610'

PUMP NO.2 GD D375 with CAT C-15 DATE INTER. DATE T.D. 7-14-13 NO. OD ID LENGTH

BIT NO.	SIZE	MAKE	TYPE	JETS OR SIZE	BIT RECORD OUT	DEPTH IN	FOOTAGE	HOURS	DEV. DEGREES	DEV. MINUTES	ACCUM. HOURS	WT.	RPM	PUMP PRESS.	LINER SIZE	SPM	MUD WT.	VIS	WL	BIT COND. T	B	G	REMARKS
A	12 1/4	RT	RR	14's	RT	218	218	1 3/4	1 2 1/2	1 3/4	All	90	1P 1/2	2	500	6	60	42	9	pA				clc
RR 1	7 7/8	Smith	F-27	14's	RR	3618	3400	61 3/4	55	63 1/2	15/40	60/66	P	2	900	6	60	51	9.2	8				
									57	FPTHOA														

7-6-13

MIRT

7-8-13

Spud 12 1/4 @ 10:20 am, Cut 218' 12 1/4 hole, CTCH, TOH, Ran 5 JTS 8 5/8 x 20# x 211' set @ 218 w/ KB. Cmt w/ 165 sx Class A, 2% gel, 3% cc, CDC, PD - 3:30 PM x Allied

7-14-13

Ran 87 JTS 5 1/2 x 15.5# set @ 3617', CTCH + Add Descoe. Cmt Bottom w/ 175 sx OWC PD - 7:45 PM, CTCH Top Stage 3 hrs, Cmt RH w/ 30 sx, Cmt TOP Stage w/ 370 sx 60/40 por 8% gel, 1/4# Flocel p/sx. CDC. PD - 11:50 PM x Consolidated

OFFICE NO. CALL POINT 3050'

GEOLOGIST Jeff Christian HOME NO MOBILE NO. 316-772-7761 STOP POINT 3480'

CONSOLIDATED
Oil Well Services, LLC
PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

2061084

TICKET NUMBER 37984
LOCATION Oakley, KS
FOREMAN Jerry / Fuzzy (Trainee)

FIELD TICKET & TREATMENT REPORT
CEMENT

Kansas

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-14-13	5610	Goings #1	20	5S	25W	Norton

CUSTOMER: Northern Lights Oil
MAILING ADDRESS: PO Box 164
CITY: Andover | STATE: KS | ZIP CODE: 67002

Lot 9 & 283 3W, 15, ½ W Sinks

TRUCK #	DRIVER	TRUCK #	DRIVER
399	Damon M		
460	Jack L		
529	Jordan L		
995	Dustin L		

JOB TYPE 2 Stage | HOLE SIZE 7 7/8 | HOLE DEPTH 3618 | CASING SIZE & WEIGHT 5½ 15.5
CASING DEPTH 3621.73 | DRILL PIPE | TUBING | OTHER DV @ 1870 Jt 41
SLURRY WEIGHT 14.7/11.7 | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 9.94'
DISPLACEMENT 85.9/44% | DISPLACEMENT PSI | MIX PSI | RATE 6 bbl/pm

REMARKS: Safty meeting - rig up on Mallard Drilling run float equipt. centralizers on 1, 2, 3, 4, 5, 6, 7, 8, 9, #40, baskets on 10 & 15' from top of #1, DV tool @ top of #41 @ 1870' run casing hookup & circulate mud flush, 10 bbl KCL mix & pump 175 sks of OWC w/ 5# Kol seal per sk, shutdown release plug and wash pump & lines, displace w/ 40 bbl fresh H2O 44 bbl mud with final lift pressure of 900# plug landed @ 1500# released float held drop ball shut tool opened @ 1000# psi hooked up to tbg & circulated 3 bbl. Hook back to truck pump 500 gal mud flush, follow w/ 10 bbl KCL, mix 30 sks in rh, mix 375 sks of 60/40 poz with 8% bentonite ¼ # flocel shutdown, released plug washed pump & lines, displaced w/ 44 bbl fresh water with final lift pressure of 700# plug landed @ 1700# shut closed released & held approx 15 bbl of cement to pit. Thank you
Jerry Fuzzy & crew

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3175.00	3175.00
5406	80	MILEAGE	5.25	420.00
5407A	25.4	Ton mileage delivery	1.75	555.60
11 3/8	175 sks	OWC	23.70	4147.50
1110A	875 #	Kol seal	.56	490.00
1131	400	60/40 poz	15.86	6344.00
1118B	2752 #	bentonite	.27	743.04
1107	100 #	flo seal	2.97	297.00
4159	1	5½ float shoe	433.75	433.75
4130	10	5½ centralizers	61.00	610.00
4104	2	5½ baskets	290.00	580.00
4314	40	5½ scratchers	82.00	3280.00
4277A	1	5⅛ DV tool w/ latch down	4900.00	4900.00
1142A	2 gal	KCL	41.00	82.00
1144G	1000 gal	WFR mud flush	1.00	1000.00
			subtotal	30,058.49
			less 10% disc	- 3005.85
			subtotal	27,052.64
			SALES TAX	1422.56
			ESTIMATED TOTAL	28475.20

Rev'n 3737

AUTHORIZTION [signature] TITLE DATE

I acknowledge that the payment 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.

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

November 05, 2013

Robert Sutherland
Northern Lights Oil Company, LLC
PO BOX 164
ANDOVER, KS 67002-0164

Re: ACO1
API 15-137-20652-00-00
Goings 1
NE/4 Sec.20-05S-23W
Norton County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Robert Sutherland

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

November 12, 2013

Robert Sutherland
Northern Lights Oil Company, LLC
PO BOX 164
ANDOVER, KS 67002-0164

Re: ACO-1
API 15-137-20652-00-00
Goings 1
NE/4 Sec.20-05S-23W
Norton County, Kansas

Dear Robert Sutherland:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 07/06/2013 and the ACO-1 was received on November 05, 2013 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department