

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1337248
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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 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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1337248

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	FABRIZIUS-YOUNGER "B" #1
Doc ID	1337248

All Electric Logs Run

Sonic
Micro
Dual Induction
Compensated Density Neutron

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	FABRIZIUS-YOUNGER "B" #1
Doc ID	1337248

Tops

Name	Top	Datum
Top Anhydrite	1756'	+585
Base Anhydrite	1798'	+543
Topeka	3457'	-1116
Heebner	3694'	-1353
Tornoto	3712'	-1371
LKC	3728'	-1387
BKC	3975'	-1634
Marmaton	4076'	-1735
Cherokee Shale	4125'	-1784
Conglomerate Sand	4171'	-1830
Mississippi	4219'	-1878
Arbuckle	4290'	-1949



CHARGE TO: Downing & Nelson
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET 29411

PAGE 1 OF 1

SERVICE LOCATIONS:
 1. Hays, KS WELL/PROJECT NO. 11 B11 #1 LEASE Fabrizios-Vannger COUNTY/PARISH Trego STATE KS DATE 01/23/17 OWNER
 2. Miss City, KS TICKET TYPE CONTRACTOR RIG NAME/NO. #2 SHIPPED VIA DELIVERED TO ORDER NO.
 3. WELL TYPE D-1 WELL CATEGORY Development JOB PURPOSE Cement Surface Casing WELL PERMIT NO. WELL LOCATION
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #1/3	30	mi			5.00	150.00
576S		1			Pump Charge - Cont Shallow Surface	1	ea			800.00	800.00
290		1			D-AIR	3	gal			42.00	126.00
325		2			Standard Cement	150	SKS	1400	lbs	12.25	1837.50
278		2			Calcium Chloride 30%	400	lbs	8	SKS	40.00	320.00
279		2			Restonite Gel 20%	300	lbs	3	SKS	25.00	75.00
581		2			Service Charge Cement	150	SKS	14800	lbs	1.50	225.00
582		2			Minimum Drayage Charge	1	EA			250.00	250.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

DATE SIGNED _____ TIME SIGNED _____
 A.M. P.M.
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 APPROVAL: _____
 TAX: Trego
 TOTAL: 3574.96
 Thank You!

JOBLOG

SWIFT Services, Inc.

DATE 8/23/17 PAGE NO. 1

CUSTOMER Dominguez Nelson WELL NO. "B" #1 LEASE Fabrizio-Younger JOB TYPE gmt shallow surface TICKET NO. 29411

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1900							On Location - Rig Drilling 150 SKS std cmt, 2% gel, 3% L.C.
	2000							Set up trucks Rig start 8 5/8" - 23 #/ft casing to 222'
	2030							Finish Running Casing
	2035							Start Circ + Chain Down
	2040							Finish circ Hook up to Swift
	2042	3.5	5 Bbl					Start H ₂ O ahead
	2045	3.5						Start 150 SKS
	2100	3.5	36 Bbl				200	Fin Cmt/Go to Displacement
	2105	3.5	12 Bbl				200	Fin Displacement Close in Release trk Wash up & Rack up
	2115							
	2120							Job Complete
								Thanks, Jon H. Austin, John J.

SWIFT Services, Inc.

DATE 31 Jan 17 PAGE NO. 1
 TICKET NO. 30138

Warner & Nelson

WELL NO. B-1

LEASE Fabius - Younger

JOB TYPE Cement long string 2-stage

TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
			T	C	TUBING	CASING	
							150sk EA-2 cement w/ 1/4" floccle 200sk SMD cement w/ 1/4" floccle 5 1/2" x 15.5" casing 117fts 4351' shoejt 2093 DV tool #73 1731' basket #73 Controlair 1, 4, 6, 8, 10, 12, 72
1000							on loc TRK 114
1100							start 5 1/2" x 15.5" casing in well
1305							Drop ball - circulate
1335	4 3/4	35			200		mix EA-2 cement 150sk @ 15.3 ppg
1435	4 3/4	32			200		Pump 500gal mud flush & 200bbl KCL flush Drop 1st stage plug Wash out Pump & Line
1350	6				200		Displace plug
	6	90			600		
1415	6	103			1570		hand plug Release pressure to truck - dried up Drop bomb
1435					1350		Open DV tool
		7					Plug RH - MH 30sk / 20sk
1455	5 1/4	110			200		mix SMD cement 150sk @ 11.2 ppg
1519	5						Drop 2nd stage plug Displace Plug
1530	5	41			1500		cement to surface hand plug
1535							Release pressure to truck - dried up wash truck Rack up Job complete

30sk to pit

Truck
 Hunt, Blaine, & 1944



DRILL STEM TEST REPORT

Prepared For: **Downing-Nelson Oil Co**

PO Box 1019
Hays KS 67601

ATTN: Marc Downing/Ron Nel

S35-13S-22W Trego,KS

Fabrizious-Younger 'B' #1-35

Start Date: 2017.01.29 @ 13:39:00

End Date: 2017.01.29 @ 21:11:45

Job Ticket #: 64672 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.01.30 @ 08:38:42



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co

Fabrizious-Younger 'B' #1-35

PO Box 1019
Hays KS 67601

S35-13S-22W Trego,KS

ATTN: Marc Dow ning/Ron Nel

Job Ticket: 64672

DST#: 1

Test Start: 2017.01.29 @ 13:39:00

GENERAL INFORMATION:

Formation: **Conglomerate Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:26:15

Time Test Ended: 21:11:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Spencer J. Staab

Unit No: 84

Interval: 4107.00 ft (KB) To 4177.00 ft (KB) (TVD)

Reference Elevations: 2341.00 ft (KB)

Total Depth: 4177.00 ft (KB) (TVD)

2333.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8934 Outside

Press@RunDepth: 706.30 psig @ 4108.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.01.29 End Date: 2017.01.29

Last Calib.: 2017.01.29

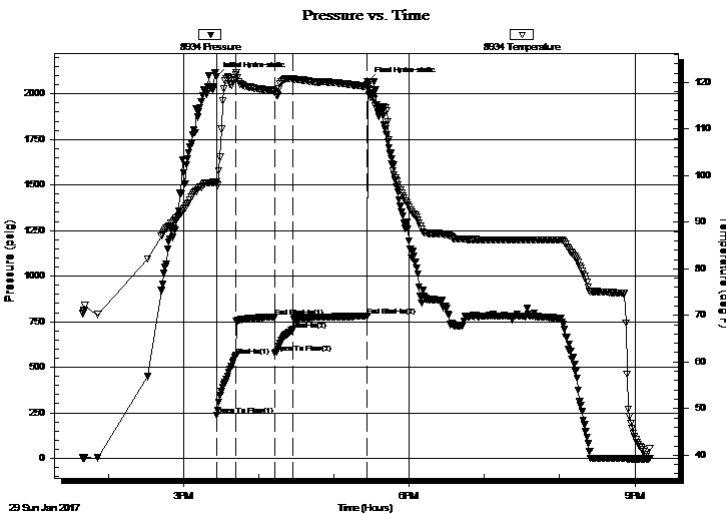
Start Time: 13:39:05 End Time: 21:11:44

Time On Btm: 2017.01.29 @ 15:26:00

Time Off Btm: 2017.01.29 @ 17:26:30

TEST COMMENT: 15-IF-BOB in 1 minute
30-ISI-Weak Blow Back; Built to 3/4"
15-FF-BOB in 1 minute
60-FSI-Fair Blow Back; Built to 1 1/2"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2095.13	98.73	Initial Hydro-static
1	236.85	98.18	Open To Flow (1)
16	562.93	121.61	Shut-In(1)
47	775.51	118.11	End Shut-In(1)
47	577.14	117.99	Open To Flow (2)
61	706.30	120.71	Shut-In(2)
121	779.36	119.09	End Shut-In(2)
121	2066.14	119.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1760.00	Gassy Clean Oil 10% G 90% O	22.83

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co

Fabrizious-Younger 'B' #1-35

PO Box 1019
Hays KS 67601

S35-13S-22W Trego,KS

ATTN: Marc Dow ning/Ron Nel

Job Ticket: 64672 **DST#: 1**

Test Start: 2017.01.29 @ 13:39:00

GENERAL INFORMATION:

Formation: **Conglomerate Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:26:15

Time Test Ended: 21:11:45

Interval: **4107.00 ft (KB) To 4177.00 ft (KB) (TVD)**

Total Depth: 4177.00 ft (KB) (TVD)

Hole Diameter: 7.88 inchesHole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Spencer J. Staab

Unit No: 84

Reference Elevations: 2341.00 ft (KB)

2333.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 9120 Inside

Press@RunDepth: psig @ 4108.00 ft (KB)

Start Date: 2017.01.29 End Date: 2017.01.29

Start Time: 13:39:15 End Time: 21:11:45

Capacity: 8000.00 psig

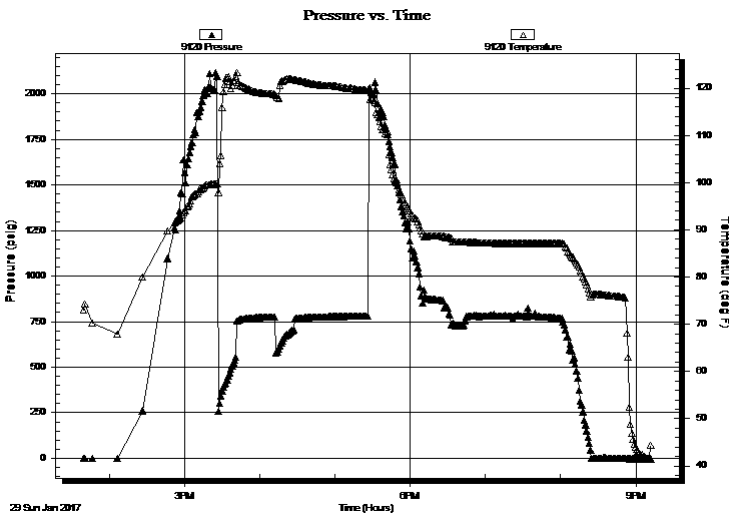
Last Calib.: 2017.01.29

Time On Btm:

Time Off Btm:

TEST COMMENT: 15-IF-BOB in 1 minute
30-ISI-Weak Blow Back; Built to 3/4"
15-FF-BOB in 1 minute
60-FSI-Fair Blow Back; Built to 1 1/2"

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
1760.00	Gassy Clean Oil 10% G 90% O	22.83

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dow ning-Nelson Oil Co

Fabrizious-Younger 'B' #1-35

PO Box 1019
Hays KS 67601

S35-13S-22W Trego,KS

Job Ticket: 64672

DST#: 1

ATTN: Marc Dow ning/Ron Nel

Test Start: 2017.01.29 @ 13:39:00

Tool Information

Drill Pipe:	Length: 3809.00 ft	Diameter: 3.80 inches	Volume: 53.43 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 278.00 ft	Diameter: 2.75 inches	Volume: 2.04 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:	61000.00 lb
			<u>Total Volume: 55.47 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	57000.00 lb
Depth to Top Packer:	4107.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval betw een Packers:	70.00 ft				
Tool Length:	98.00 ft				
Number of Packers:	1	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4080.00	
Shut In Tool	5.00			4085.00	
Hydraulic tool	5.00			4090.00	
Jars	5.00			4095.00	
Safety Joint	3.00			4098.00	
Packer	5.00			4103.00	28.00 Bottom Of Top Packer
Packer	4.00			4107.00	
Stubb	1.00			4108.00	
Recorder	0.00	9120	Inside	4108.00	
Recorder	0.00	8934	Outside	4108.00	
Perforations	26.00			4134.00	
Change Over Sub	1.00			4135.00	
Drill Pipe	32.00			4167.00	
Change Over Sub	1.00			4168.00	
Perforations	5.00			4173.00	
Bullnose	4.00			4177.00	70.00 Bottom Packers & Anchor
Total Tool Length:	98.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dow ning-Nelson Oil Co

Fabrizious-Younger 'B' #1-35

PO Box 1019
Hays KS 67601

S35-13S-22W Trego,KS

Job Ticket: 64672

DST#: 1

ATTN: Marc Dow ning/Ron Nel

Test Start: 2017.01.29 @ 13:39:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
1760.00	Gassy Clean Oil 10% G 90% O	22.831

Total Length: 1760.00 ft Total Volume: 22.831 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

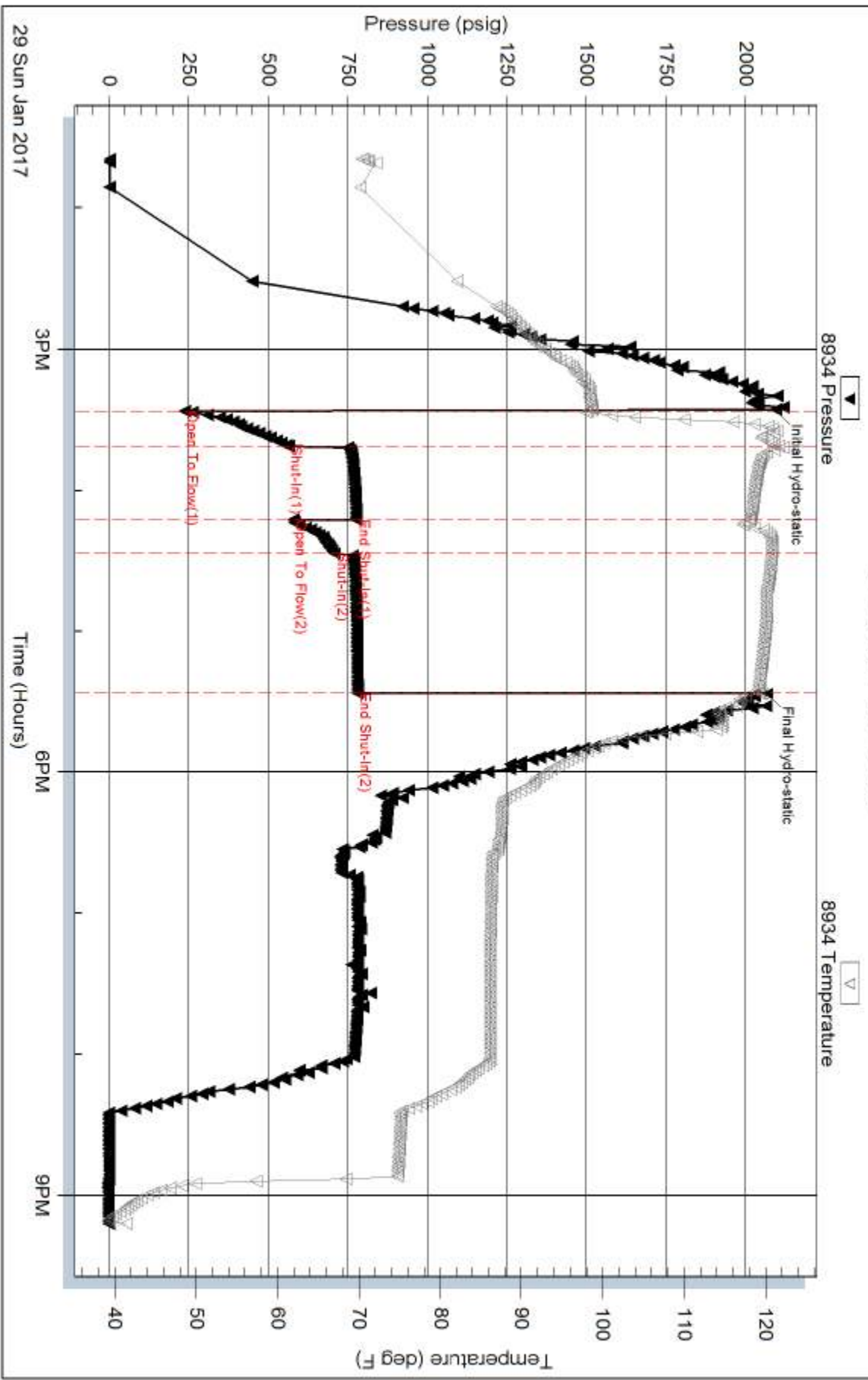
Serial #: 8934

Outside Dow nging-Nelson Oil Co

S35-13S-22W Trego, KS

DST Test Number: 1

Pressure vs. Time



Tribble Testing, Inc

Ref. No: 64672

Printed: 2017.01.30 @ 08:38:42

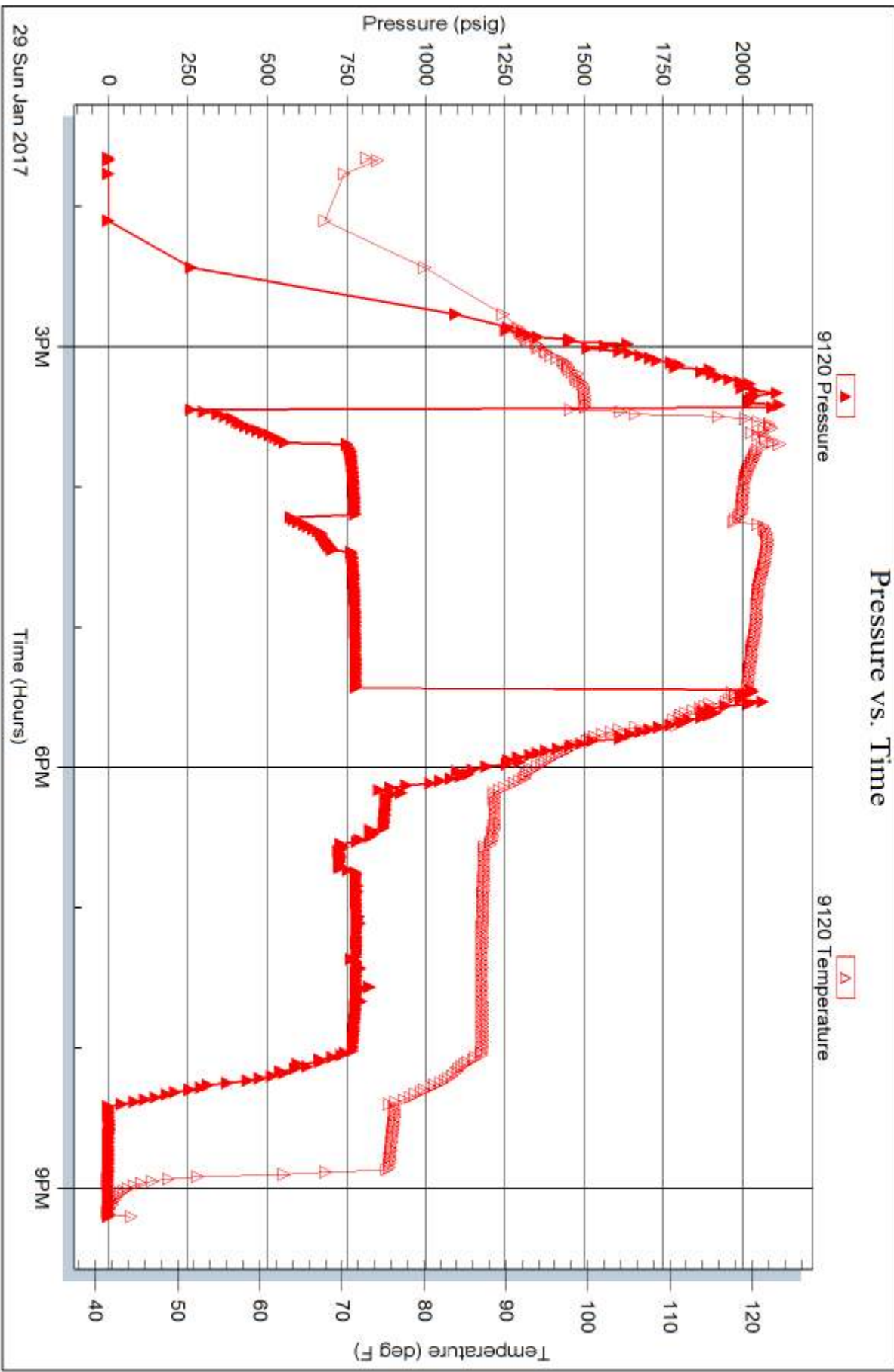
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Inside

Dow nrg-Nelson Oil Co

S35-13S-22W Trego, KS

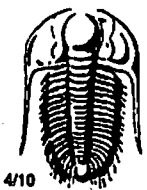
DST Test Number: 1



Tribble Testing, Inc

Ref. No: 64672

Printed: 2017.01.30 @ 08:38:42



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64672

Well Name & No. Fabrizius - Younger "B" #1-35 Test No. 1 Date 1/29/2017
 Company DNOC Elevation 2341 KB 2333 GL
 Address PO BOX 1019 Hays Ks 67601
 Co. Rep / Geo. Marc Downing Rig Discovery Rig #2
 Location: Sec. 35 Twp. 13S Rge. 22W Co. Trego State Ks

Interval Tested 4107' - 4177' Zone Tested Conglomerate Sand
 Anchor Length 70' Drill Pipe Run 3809' Mud Wt. 9.6
 Top Packer Depth 4102' Drill Collars Run — Vis 50
 Bottom Packer Depth 4107' Wt. Pipe Run ~~3809~~ 278 WL ~~9.6~~ 9.4
 Total Depth 4177' Chlorides 5,500 ppm System LCM Trace

Blow Description 17 - BOB in 1 minute
150 - Weak Blow Back; built to 3/4 in
77 - BOB in 1 minute
750 - Fair Blow Back; built to 1 1/2 in

Rec	Feet of	%gas	%oil	%water	%mud
<u>1760'</u>	<u>Heavy Clean Oil</u>	<u>10</u>	<u>90</u>		
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1760' BHT 119° Gravity 38° API RW — @ — °F Chlorides — ppm

- (A) Initial Hydrostatic 2095
- (B) First Initial Flow 236
- (C) First Final Flow 562
- (D) Initial Shut-In 775
- (E) Second Initial Flow 577
- (F) Second Final Flow 706
- (G) Final Shut-In 779
- (H) Final Hydrostatic 2066

- Test
- Jars
- Safety Joint
- Circ Sub
- Hourly Standby
- Mileage 72 R 7x2 (144)
- Sampler
- Straddle
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total

T-On Location 00:15
 T-Started 13:39
 T-Open 15:26
 T-Pulled 17:26
 T-Out 21:10

Comments Dropped bar to reverse fluid

Initial Open 15
 Initial Shut-In 30
 Final Flow 15
 Final Shut-In 60

Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total
 Total
 MP/DST Disc't

Approved By _____

Our Representative Spencer J. Stahl

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.

Thank-you!!

Marc A. Downing		Geologic Report	
Consulting Petroleum Geologist		Drilling Time and Sample Log	
Operator Downing-Nelson Oil Co., Inc.		Elevation KB 2341 DF 2339 GL 2333	
Lease Fabrizious-Younger "B" No. 1-35		Casing Record Surface 8 5/8" @ 220' Production 5 1/2" @ 4357'	
API # 15-195-23014-0000		Field Fab	
Location 260' FSL & 2285' FWL		Electrical Surveys CNDL, DIL, MEL, Sonic	
Sec. 35	Twp. 13s	Rge. 22w	County Trego State Kansas
Formation	Sample tops	Log Tops	Datum
Top Anhydrite	NA	1756	+585
Base Anhydrite	1798	1798	+543
Struct Comp			
Topoka	3455	3457	-4
Heebner	3691	3694	-7
Toronto	3710	3712	-8
LKC	3724	3728	-9
BKC	3972	3975	-6
Marmaton	4073	4076	-7
Cherokee Sh.	4122	4125	-6
Conglomerate Sand	4168	4171	-4
Mississippi	4216	4219	+16
Arbuckle	4287	4290	-6
Total Depth	4351	4358	-2017
Reference Well For Structural Comparison Fabrizious-Younger #1-35		DNOCI 130' FSL & 1360' FWL Sec. 35-13s-22w	

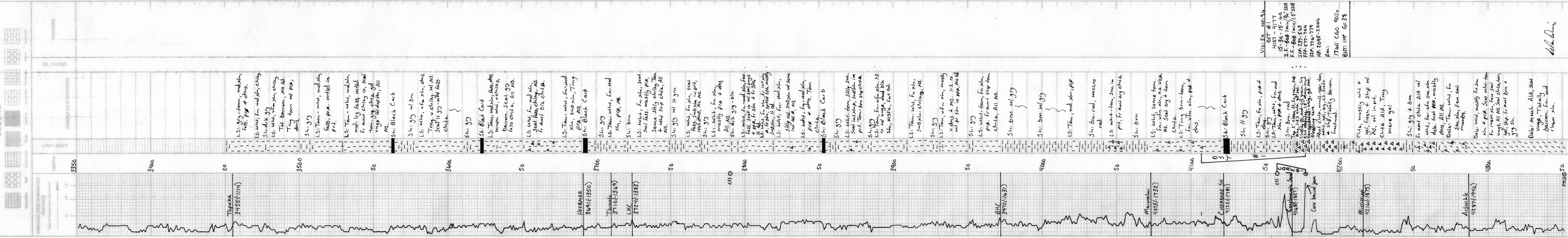
Drilling Contractor	Discovery Drilling, Rig #2	
Commenced	1-23-17	Completed 1-30-17
Samples Saved From	3450	To RTD
Drilling Time Kept From	3350	To RTD
Samples Examined From	3450	To RTD
Geological Supervision From	3450	To RTD

Summary and Recommendations

Due to structural position, DST recovery, and log evaluation, it was decided to set 5 1/2" production casing for completion.

Respectfully Submitted,

Marc A. Downing



Vis: 50
DST #1
4187 - 4177
15-30-15-40
I.F. - 060 1 min / 3/4" 518
I.F.P. 237-543
I.F.F. 577-704
SIF: 776-779
AP: 2095-2044
Rec: 1760 CGO 90%
BHT: 114' G-38

M.A. Downing