



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1247942
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: _____



1247942

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 List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	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> <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	DGJR 1-25
Doc ID	1247942

All Electric Logs Run

Microresistivity
Dual Induction
Sonic
Compensated Porosity

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	DGJR 1-25
Doc ID	1247942

Tops

Name	Top	Datum
Top Anhydrite	958'	+997
Base Anhydrite	986'	+969
Topeka	2938'	-983
Heebner	3181'	-1226
Toronto	3196'	-1241
Douglas Shale	3211'	-1256
Brown Lime	3249'	-1294
LKC	3264'	-1309
BKC	3480'	-1525
Reagan Sand	3532'	-1577



DRILL STEM TEST REPORT

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

PO Box 1019
Hays KS 67601

ATTN: Marc Downing

DGJR #1-25

25-18s-16w Rush,KS

Start Date: 2015.03.16 @ 08:20:00

End Date: 2015.03.16 @ 14:48:00

Job Ticket #: 62122 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.03.19 @ 16:13:56



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co.

25-18s-16w Rush,KS

PO Box 1019
Hays KS 67601

DGJR #1-25

Job Ticket: 62122

DST#: 1

ATTN: Marc Dow ning

Test Start: 2015.03.16 @ 08:20:00

GENERAL INFORMATION:

Formation: **Reagan Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:50:30

Time Test Ended: 14:48:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 59

Interval: 3480.00 ft (KB) To 3564.00 ft (KB) (TVD)

Reference Elevations: 1955.00 ft (KB)

Total Depth: 3564.00 ft (KB) (TVD)

1947.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8525

Inside

Press@RunDepth: 991.92 psig @ 3559.66 ft (KB)

Capacity: 5000.00 psig

Start Date: 2015.03.16

End Date:

2015.03.16

Last Calib.:

2015.03.17

Start Time: 08:21:00

End Time:

14:48:00

Time On Btm:

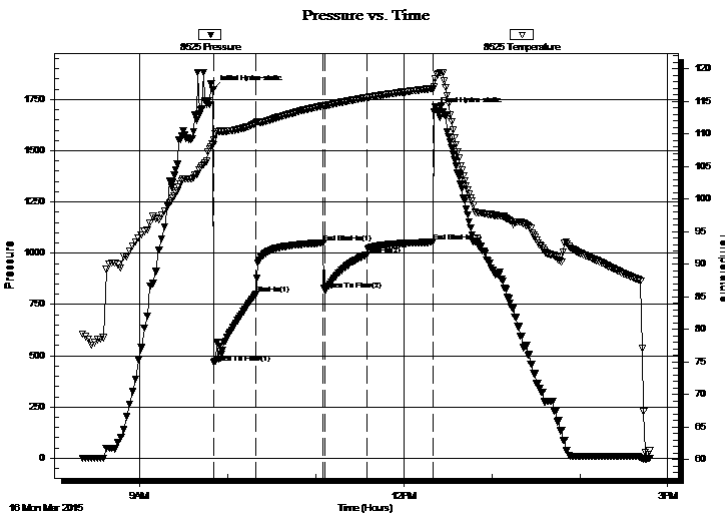
2015.03.16 @ 09:50:00

Time Off Btm:

2015.03.16 @ 12:20:30

TEST COMMENT: IFP 30 min BOB in 1 min
ISI 45 min Yes blow back
FFP 30 min BOB in 1 min.
FSI 45 min Yes blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1796.78	108.36	Initial Hydro-static
1	466.11	109.02	Open To Flow (1)
29	799.33	111.70	Shut-In(1)
75	1050.52	114.33	End Shut-In(1)
76	819.19	114.32	Open To Flow (2)
105	991.92	115.56	Shut-In(2)
150	1053.65	116.96	End Shut-In(2)
151	1690.39	117.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1233.00	GM w / oil spots 10% G 90% M	17.30
1008.00	GMCW w / oil spots 10% G 85% W 5%	14.14
0.00	189' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dow ning-Nelson Oil Co.

25-18s-16w Rush,KS

PO Box 1019
Hays KS 67601

DGJR #1-25

Job Ticket: 62122

DST#: 1

ATTN: Marc Dow ning

Test Start: 2015.03.16 @ 08:20:00

Tool Information

Drill Pipe:	Length: 3469.00 ft	Diameter: 3.80 inches	Volume: 48.66 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 88000.00 lb
			<u>Total Volume: 48.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3480.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval betw een Packers:	84.66 ft			
Tool Length:	112.66 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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Shut In Tool	5.00			3457.00	
Hydraulic tool	5.00			3462.00	
Jars	6.00			3468.00	
Safety Joint	2.00			3470.00	
Top Packer	5.00			3475.00	
Packer	5.00			3480.00	28.00 Bottom Of Top Packer
Anchor	6.00			3486.00	
Change Over Sub	0.75			3486.75	
Drill Pipe	62.16			3548.91	
Change Over Sub	0.75			3549.66	
Anchor	10.00			3559.66	
Recorder	0.00	8525	Inside	3559.66	
Recorder	0.00	6839	Outside	3559.66	
Bull Plug	5.00			3564.66	84.66 Anchor Tool

Total Tool Length: 112.66



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Dow ning-Nelson Oil Co.

25-18s-16w Rush,KS

PO Box 1019
Hays KS 67601

DGJR #1-25

Job Ticket: 62122

DST#: 1

ATTN: Marc Dow ning

Test Start: 2015.03.16 @ 08:20:00

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 83.66 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
1233.00	GM w / oil spots 10% G 90% M	17.296
1008.00	GMCW w / oil spots 10% G 85% W 5% M	14.140
0.00	189 ' GIP	0.000

Total Length: 2241.00 ft Total Volume: 31.436 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

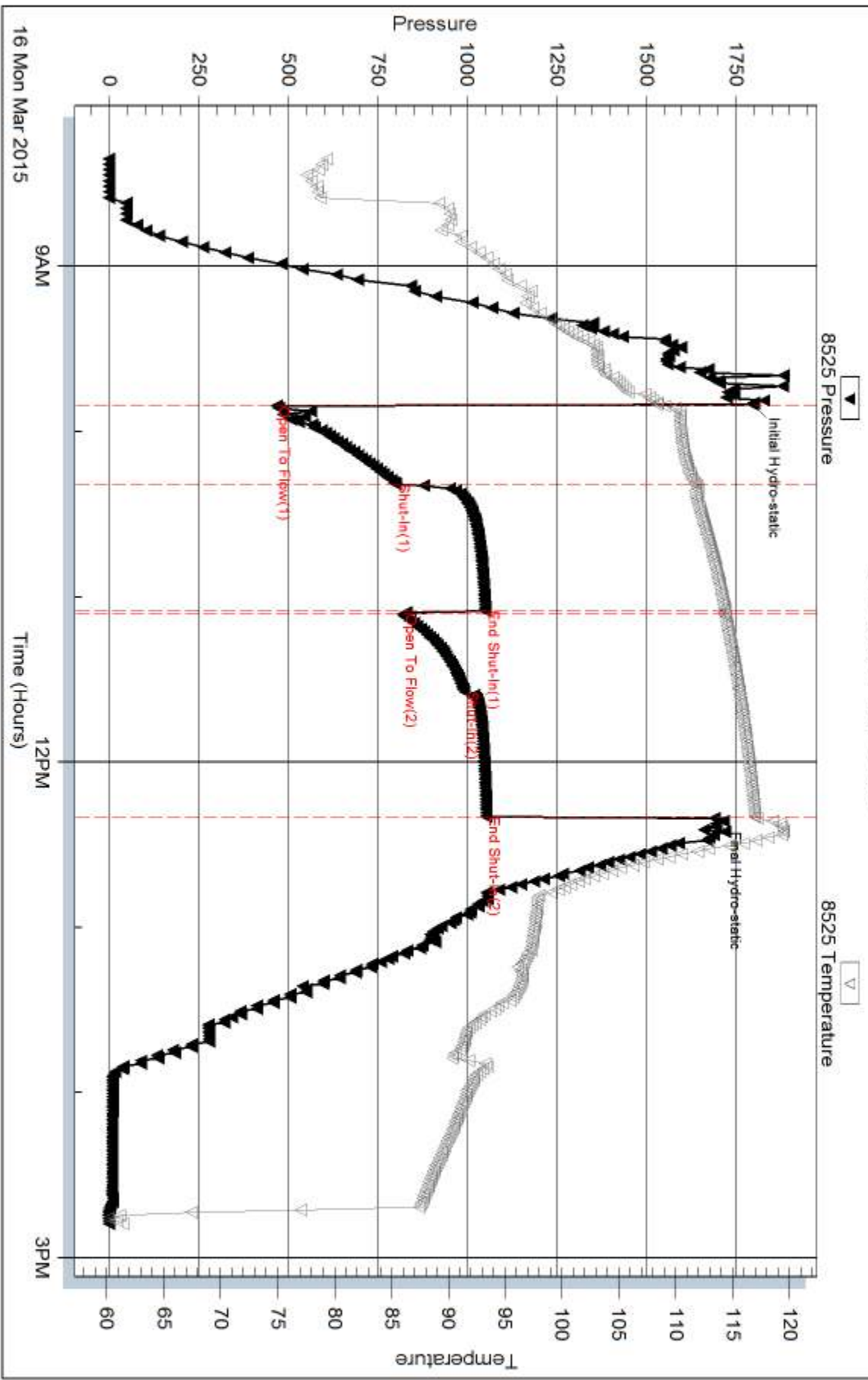
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

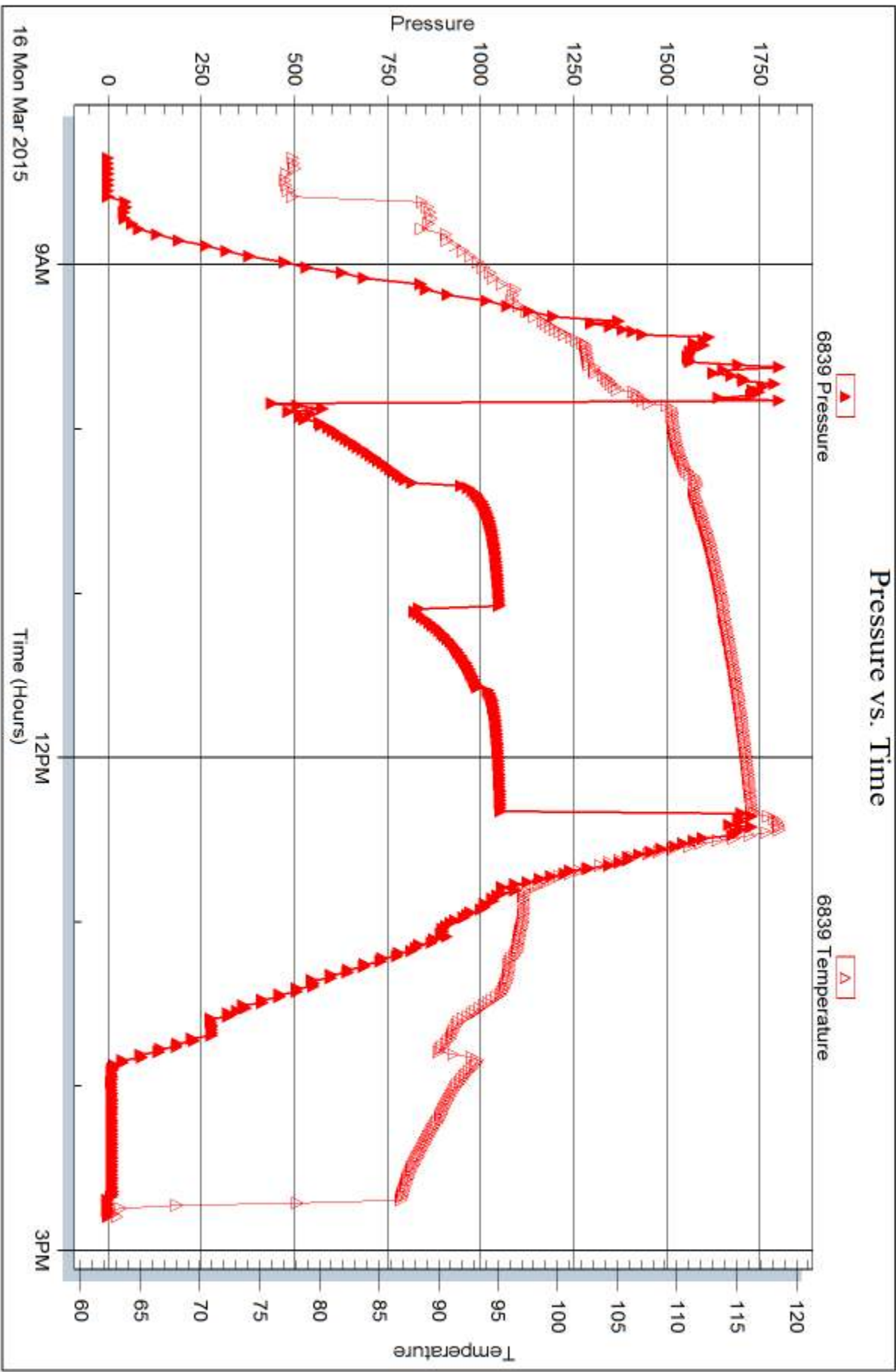


Serial #: 6839

Outside Dow nng-Nelson Oil Co.

DGJR #1-25

DST Test Number: 1





DRILL STEM TEST REPORT

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

PO Box 1019
Hays KS 67601

ATTN: Marc Downing

DGJR #1-25

25-18s-16w Rush,KS

Start Date: 2015.03.17 @ 03:15:00

End Date: 2015.03.17 @ 09:55:30

Job Ticket #: 62123 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.03.19 @ 16:13:20



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co.

25-18s-16w Rush,KS

PO Box 1019
Hays KS 67601

DGJR #1-25

Job Ticket: 62123

DST#: 2

ATTN: Marc Dow ning

Test Start: 2015.03.17 @ 03:15:00

GENERAL INFORMATION:

Formation: **Reagan Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:16:00

Time Test Ended: 09:55:30

Test Type: Conventional Straddle (Initial)

Tester: Dustin Ellis

Unit No: 59

Interval: 3555.00 ft (KB) To 3564.00 ft (KB) (TVD)

Reference Elevations: 1955.00 ft (KB)

Total Depth: 3621.00 ft (KB) (TVD)

1947.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8525

Inside

Press@RunDepth: 1008.10 psig @ 3626.78 ft (KB)

Capacity: 5000.00 psig

Start Date: 2015.03.17

End Date:

2015.03.17

Last Calib.:

2015.03.17

Start Time: 03:16:00

End Time:

09:55:30

Time On Btm:

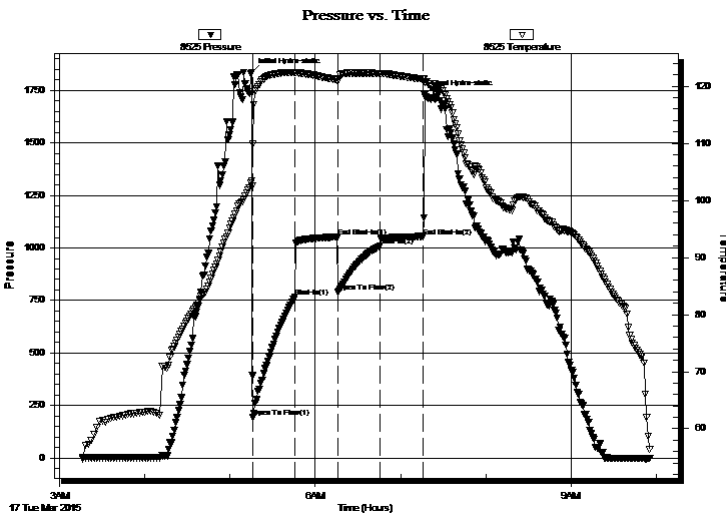
2015.03.17 @ 05:15:00

Time Off Btm:

2015.03.17 @ 07:17:00

TEST COMMENT: IFP 30 min BOB in 1 min.
ISI 30 min. Yes blow back
FFP 30 min. BOB in 1 min.
FSI 30 min Yes blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1833.23	103.38	Initial Hydro-static
1	191.70	109.85	Open To Flow (1)
31	765.74	122.44	Shut-In(1)
61	1051.93	121.11	End Shut-In(1)
61	788.96	120.87	Open To Flow (2)
91	1008.10	122.25	Shut-In(2)
121	1054.68	121.25	End Shut-In(2)
122	1728.99	120.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2330.00	Water	32.68

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dow ning-Nelson Oil Co.

25-18s-16w Rush,KS

PO Box 1019
Hays KS 67601

DGJR #1-25

Job Ticket: 62123

DST#: 2

ATTN: Marc Dow ning

Test Start: 2015.03.17 @ 03:15:00

Tool Information

Drill Pipe:	Length: 3555.00 ft	Diameter: 3.80 inches	Volume: 49.87 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	67000.00 lb
			<u>Total Volume: 49.87 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3555.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	3564.00 ft				
Interval betw een Packers:	9.00 ft				
Tool Length:	104.78 ft				
Number of Packers:	3	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3532.00	
Hydraulic tool	5.00			3537.00	
Jars	6.00			3543.00	
Safety Joint	2.00			3545.00	
Top Packer	5.00			3550.00	
Packer	5.00			3555.00	28.00 Bottom Of Top Packer
Anchor	6.00			3561.00	
blank Off Sub	1.00			3562.00	
Travel Collar	2.00			3564.00	9.00 Tool Interval
Packer	5.00			3569.00	
Change Over Sub	0.75			3569.75	
Drill Pipe	31.28			3601.03	
Change Over Sub	0.75			3601.78	
Anchor	25.00			3626.78	
Recorder	0.00	8525	Inside	3626.78	
Recorder	0.00	6839	Outside	3626.78	
Bull Plug	5.00			3631.78	67.78 Bottom Packers & Anchor
Total Tool Length:	104.78				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dow ning-Nelson Oil Co.

25-18s-16w Rush,KS

PO Box 1019
Hays KS 67601

DGJR #1-25

Job Ticket: 62123

DST#: 2

ATTN: Marc Dow ning

Test Start: 2015.03.17 @ 03:15:00

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2330.00	Water	32.684

Total Length: 2330.00 ft Total Volume: 32.684 bbl

Num Fluid Samples: 0

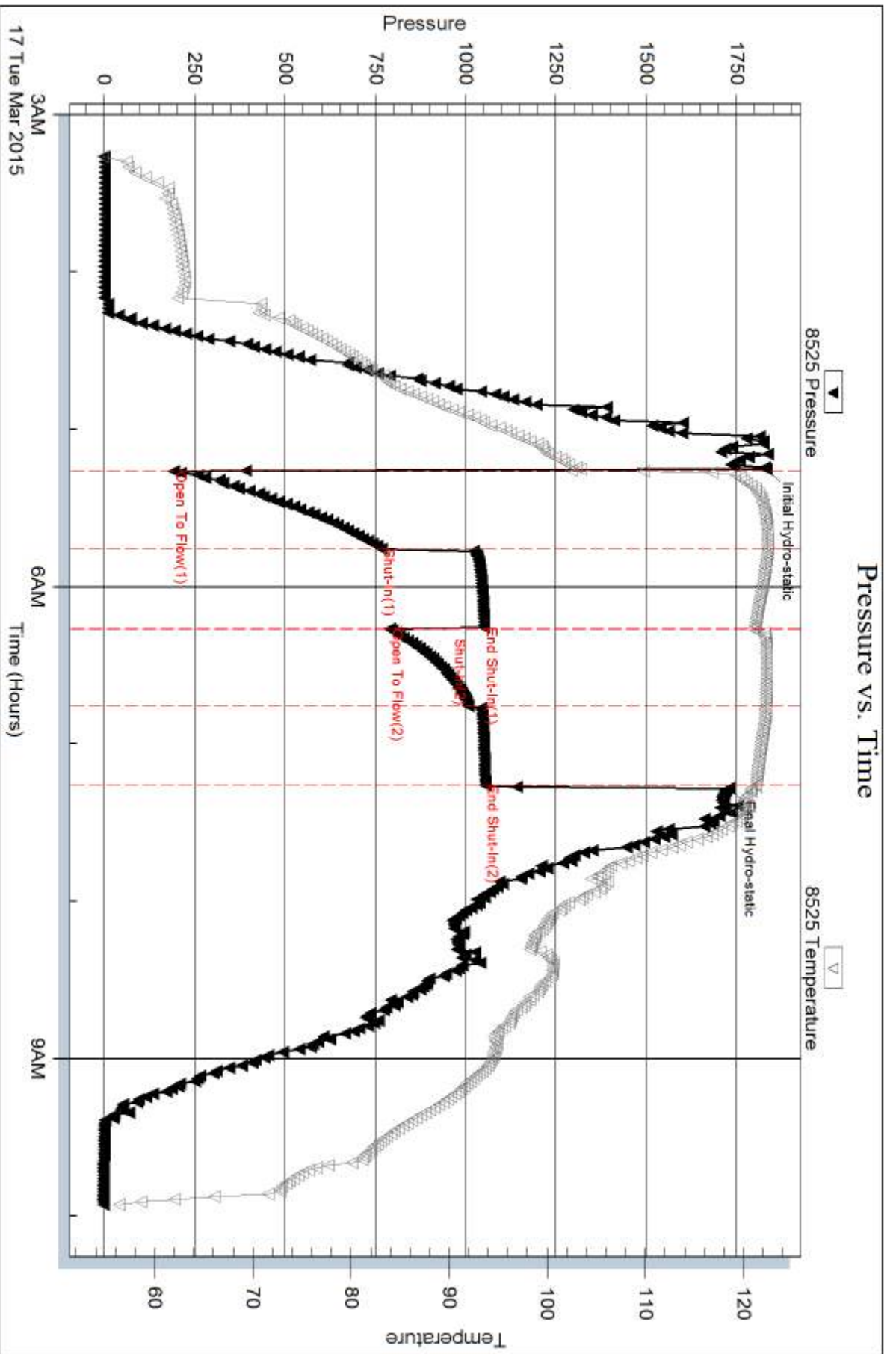
Num Gas Bombs: 0

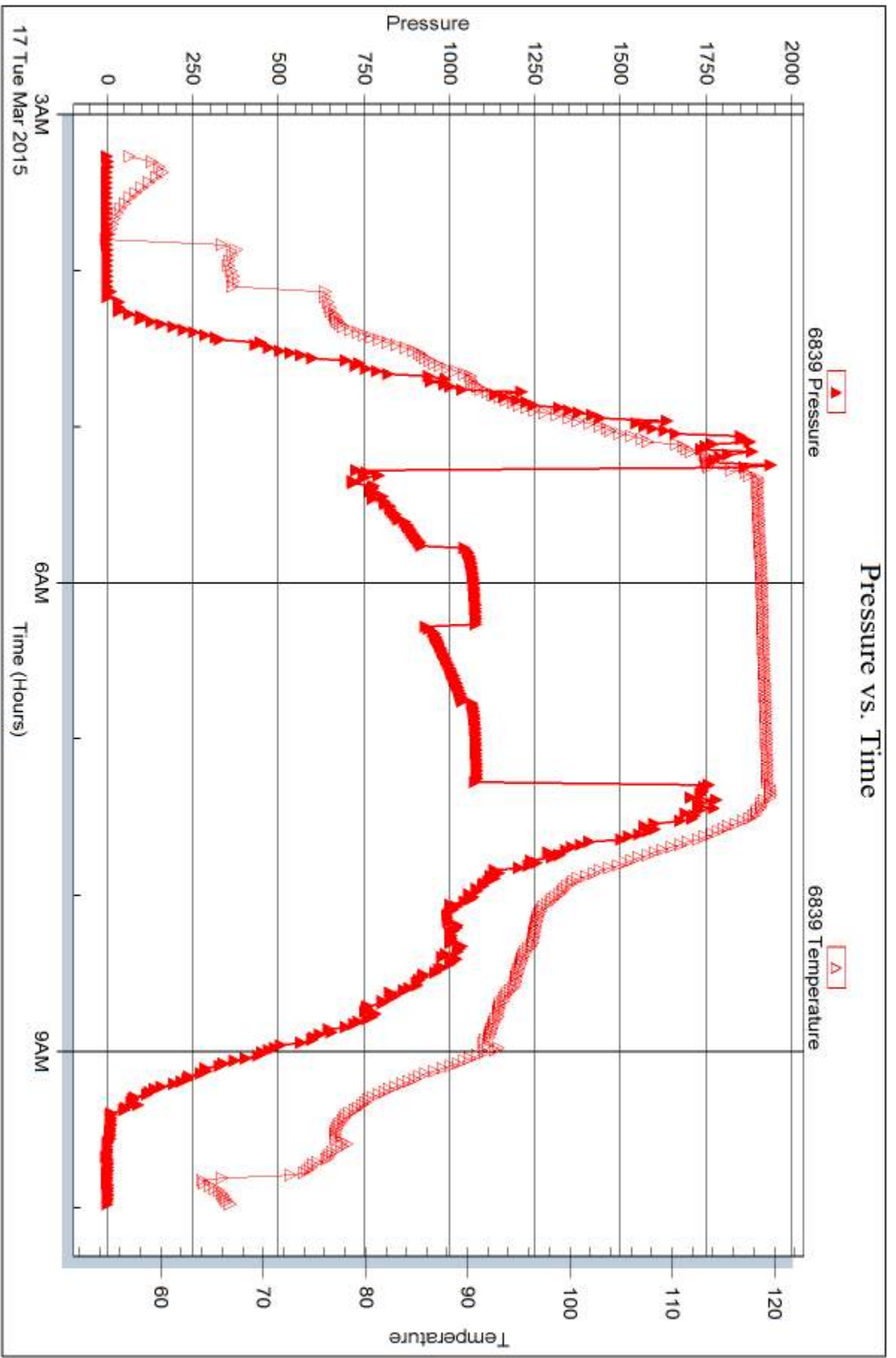
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

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

PO Box 1019
Hays KS 67601

ATTN: Marc Downing

DGJR #1-25

25-18s-16w Rush,KS

Start Date: 2015.03.17 @ 11:04:00

End Date: 2015.03.17 @ 17:24:30

Job Ticket #: 62124 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.03.19 @ 16:12:46



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co.

25-18s-16w Rush,KS

PO Box 1019
Hays KS 67601

DGJR #1-25

Job Ticket: 62124

DST#: 3

ATTN: Marc Dow ning

Test Start: 2015.03.17 @ 11:04:00

GENERAL INFORMATION:

Formation: **Top Reagan Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:40:30
 Time Test Ended: 17:24:30
 Interval: **3477.00 ft (KB) To 3552.00 ft (KB) (TVD)**
 Total Depth: 3621.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 59
 Reference Elevations: 1955.00 ft (KB)
 1947.00 ft (CF)
 KB to GR/CF: 8.00 ft

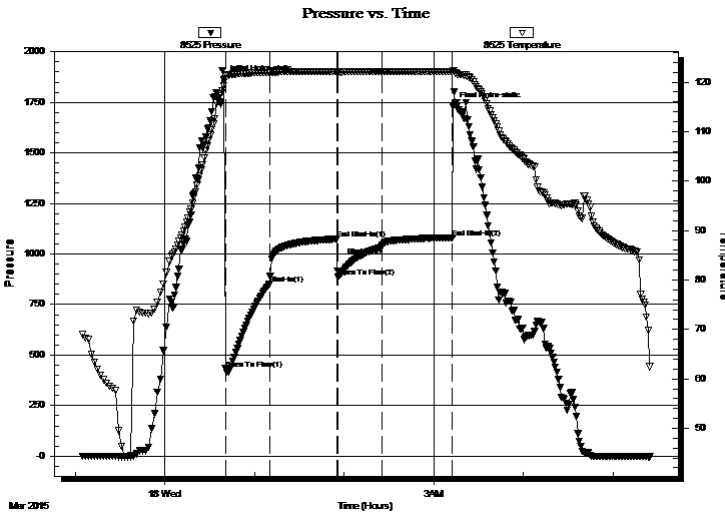
Serial #: 8525

Outside

Press@RunDepth: 1033.98 psig @ 3545.80 ft (KB) Capacity: psig
 Start Date: 2015.03.17 End Date: 2015.03.18 Last Calib.: 1899.12.30
 Start Time: 23:05:00 End Time: 05:24:30 Time On Btm: 2015.03.18 @ 00:39:30
 Time Off Btm: 2015.03.18 @ 03:13:00

TEST COMMENT: IFP 30 min BOB in 1 min
 ISI 45 min Yes 1/2 inch blow back
 FFP 30 min. BOB in 50 sec.
 FSI 45 min Yes Blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1862.30	119.34	Initial Hydro-static
1	432.27	120.74	Open To Flow (1)
31	851.16	121.99	Shut-In(1)
76	1074.46	122.12	End Shut-In(1)
77	887.48	122.07	Open To Flow (2)
106	1033.98	122.13	Shut-In(2)
153	1081.11	122.19	End Shut-In(2)
154	1728.08	122.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2200.00	Water	30.86
0.00	GTS	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dow ning-Nelson Oil Co.

25-18s-16w Rush,KS

PO Box 1019
Hays KS 67601

DGJR #1-25

Job Ticket: 62124

DST#: 3

ATTN: Marc Dow ning

Test Start: 2015.03.17 @ 11:04:00

Tool Information

Drill Pipe:	Length: 3474.00 ft	Diameter: 3.80 inches	Volume: 48.73 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	82000.00 lb
			<u>Total Volume: 48.73 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	3477.00 ft			Final	56.00 lb
Depth to Bottom Packer:	ft				
Interval betw een Packers:	144.57 ft				
Tool Length:	172.57 ft				
Number of Packers:	3	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Shut In Tool	5.00			3454.00	
Hydraulic tool	5.00			3459.00	
Jars	6.00			3465.00	
Safety Joint	2.00			3467.00	
Top Packer	5.00			3472.00	
Packer	5.00			3477.00	28.00 Bottom Of Top Packer
change Over Sub	0.75			3477.75	
Drill Pipe	31.30			3509.05	
change Over Sub	0.75			3509.80	
Anchor	36.00			3545.80	
Recorder	0.00	6749	Inside	3545.80	
Recorder	0.00	8525	Outside	3545.80	
blank Off Sub	0.75			3546.55	
travel collar	1.00			3547.55	144.57 Tool Interval
Packer	5.00			3552.55	
Change Over Sub	0.75			3553.30	
drill Pipe	62.52		Inside	3615.82	
Change Over Sub	0.75		Outside	3616.57	
Recorder	0.00	6839	Below	3616.57	
Bull Plug	5.00			3621.57	1000171.57 Bottom Packers & Anchor

Total Tool Length: 172.57



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dow ning-Nelson Oil Co.

25-18s-16w Rush,KS

PO Box 1019
Hays KS 67601

DGJR #1-25

Job Ticket: 62124

DST#: 3

ATTN: Marc Dow ning

Test Start: 2015.03.17 @ 11:04:00

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: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
2200.00	Water	30.860
0.00	GTS	0.000

Total Length: 2200.00 ft Total Volume: 30.860 bbf

Num Fluid Samples: 0

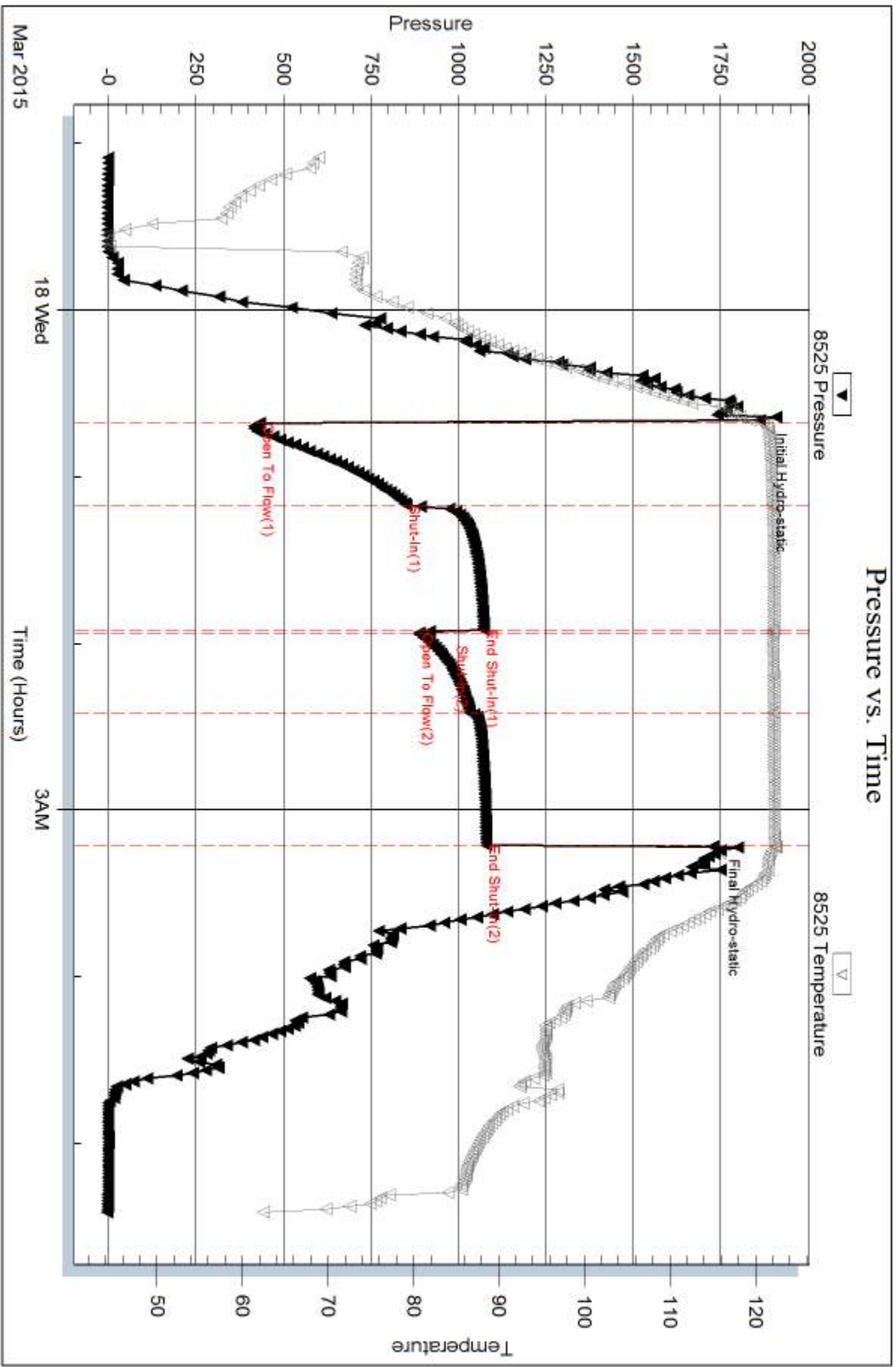
Num Gas Bombs: 0

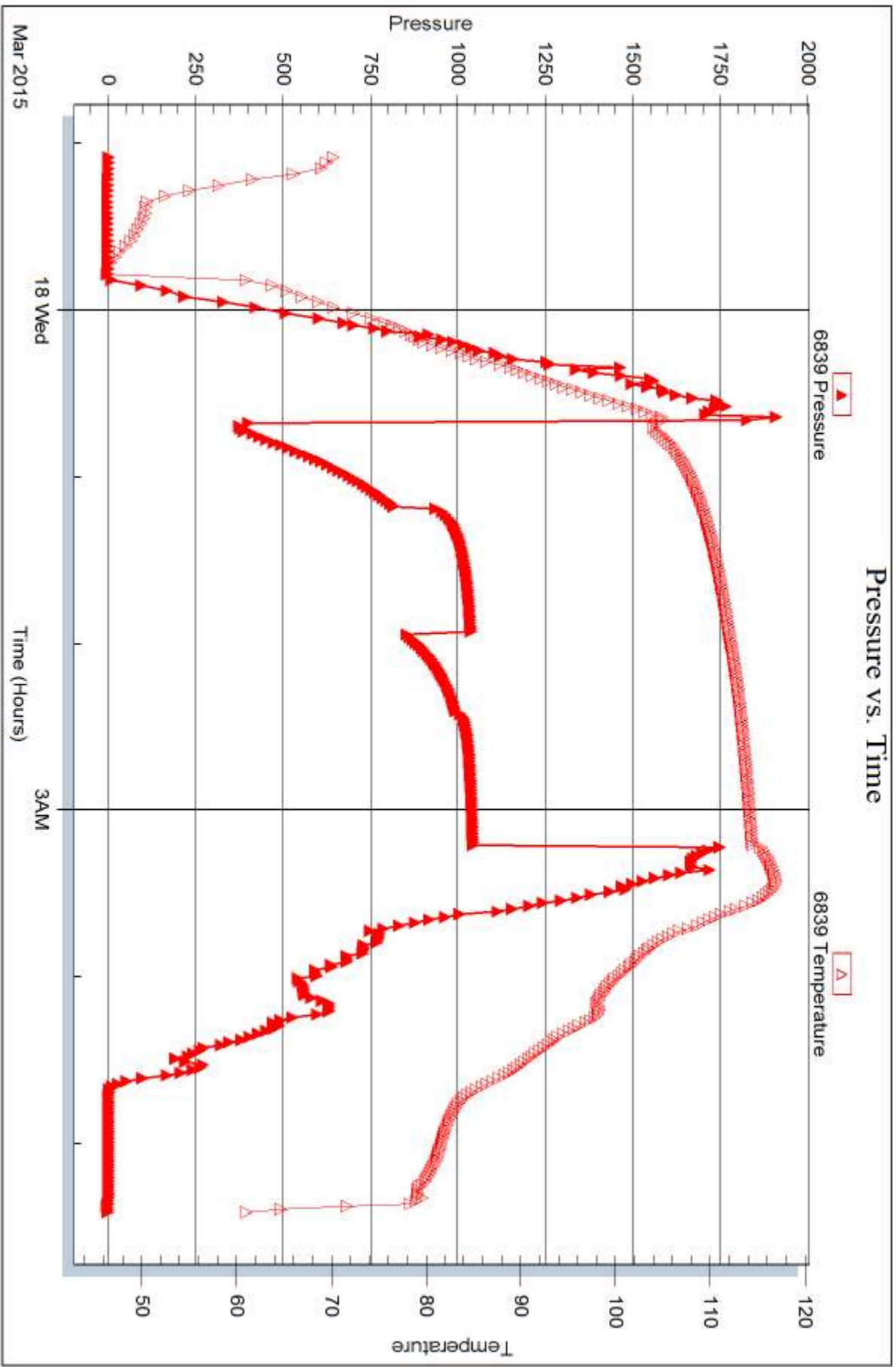
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





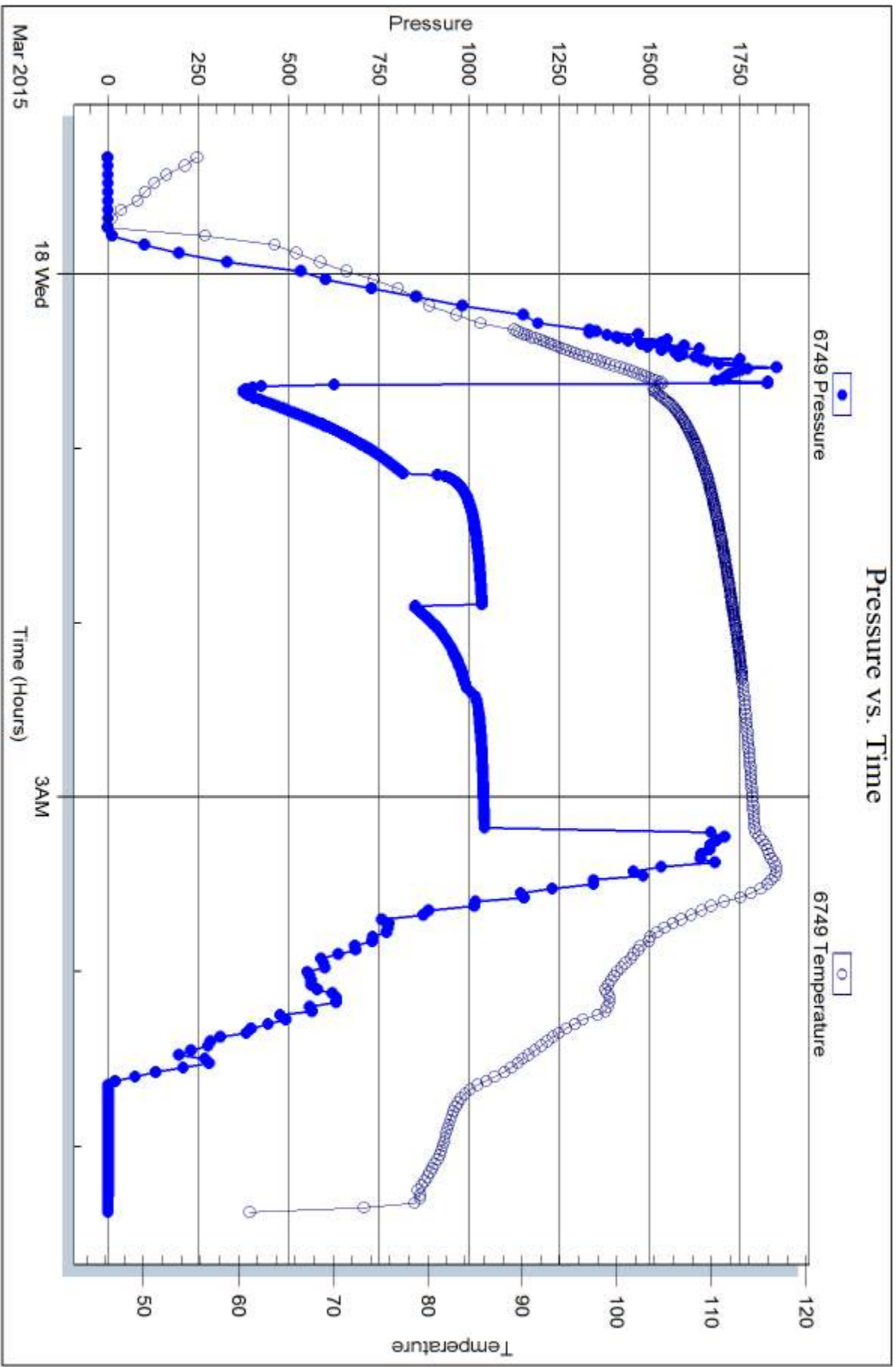
Serial #: 6749

Inside

Dow nng-Nelson Oil Co.

DGJR #1-25

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 62124

Printed: 2015.03.19 @ 16:12:48



DRILL STEM TEST REPORT

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

PO Box 1019
Hays KS 67601

ATTN: Marc Downing

DGJR #1-25

25-18s-16w Rush,KS

Start Date: 2015.03.18 @ 12:53:00

End Date: 2015.03.18 @ 19:33:30

Job Ticket #: 62125 DST #: 4

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.03.19 @ 16:10:56



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co.

25-18s-16w Rush,KS

PO Box 1019
Hays KS 67601

DGJR #1-25

Job Ticket: 62125

DST#: 4

ATTN: Marc Dow ning

Test Start: 2015.03.18 @ 12:53:00

GENERAL INFORMATION:

Formation: **Reagan Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:21:30

Time Test Ended: 19:33:30

Test Type: Conventional Straddle (Initial)

Tester: Dustin Ellis

Unit No: 59

Interval: 3478.00 ft (KB) To 3555.00 ft (KB) (TVD)

Reference Elevations: 1955.00 ft (KB)

Total Depth: 3621.00 ft (KB) (TVD)

1947.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8525 Outside

Press@RunDepth: 820.46 psig @ 3553.80 ft (KB)

Capacity: 5000.00 psig

Start Date: 2015.03.18

End Date:

2015.03.18

Last Calib.:

2015.03.18

Start Time: 12:54:00

End Time:

19:33:30

Time On Btm:

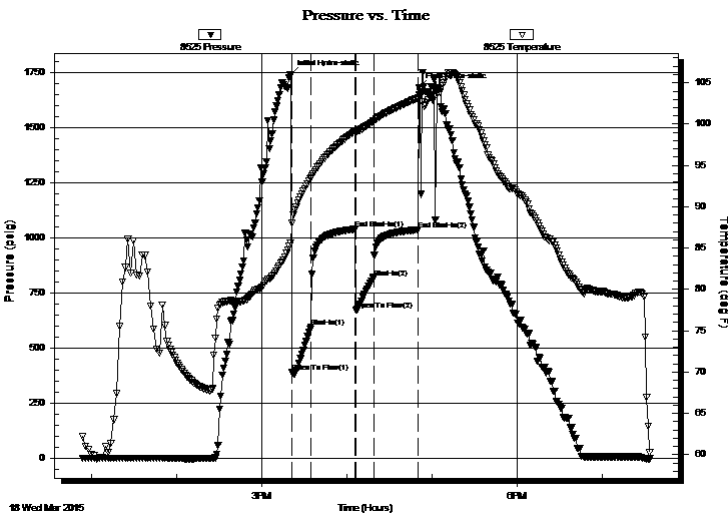
2015.03.18 @ 15:20:30

Time Off Btm:

2015.03.18 @ 16:51:00

TEST COMMENT: IFP 15 min BOB in 1 min
ISI 30 Yes blow back
FFP 15 min BOB in 45 sec
FSI 30 min Yes 4 inch. blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1742.10	85.65	Initial Hydro-static
1	389.00	87.98	Open To Flow (1)
15	595.15	93.53	Shut-In(1)
45	1039.54	99.09	End Shut-In(1)
46	672.94	99.05	Open To Flow (2)
59	820.46	100.36	Shut-In(2)
90	1037.16	103.19	End Shut-In(2)
91	1682.40	103.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1910.00	Lightly oil spotted gassy w ater	26.79
0.00	345 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dow ning-Nelson Oil Co.

25-18s-16w Rush,KS

PO Box 1019
Hays KS 67601

DGJR #1-25

Job Ticket: 62125

DST#: 4

ATTN: Marc Dow ning

Test Start: 2015.03.18 @ 12:53:00

Tool Information

Drill Pipe:	Length: 3465.00 ft	Diameter: 3.80 inches	Volume: 48.60 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 48.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3478.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	3555.55 ft			
Interval betw een Packers:	77.55 ft			
Tool Length:	180.07 ft			
Number of Packers:	4	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3455.00	
Hydraulic tool	5.00			3460.00	
Jars	6.00			3466.00	
Safety Joint	2.00			3468.00	
Top Packer	5.00			3473.00	
Packer	5.00			3478.00	28.00 Bottom Of Top Packer
change Over Sub	0.75			3478.75	
drill Pipe	31.30			3510.05	
change Over Sub	0.75			3510.80	
anchor	43.00			3553.80	
Recorder	0.00	6749	Inside	3553.80	
Recorder	0.00	8525	Outside	3553.80	
blank Off Sub	0.75			3554.55	
travel collar	1.00			3555.55	77.55 Tool Interval
Packer	5.00			3560.55	
Packer - Shale	7.00			3567.55	
Recorder	0.00	6839	Below	3567.55	
drill Pipe	62.52		Outside	3630.07	74.52 Bottom Packers & Anchor

Total Tool Length: 180.07



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dow ning-Nelson Oil Co.

25-18s-16w Rush,KS

PO Box 1019
Hays KS 67601

DGJR #1-25

Job Ticket: 62125

DST#: 4

ATTN: Marc Dow ning

Test Start: 2015.03.18 @ 12:53:00

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1910.00	Lightly oil spotted gassy w ater	26.792
0.00	345 GIP	0.000

Total Length: 1910.00 ft Total Volume: 26.792 bbl

Num Fluid Samples: 0

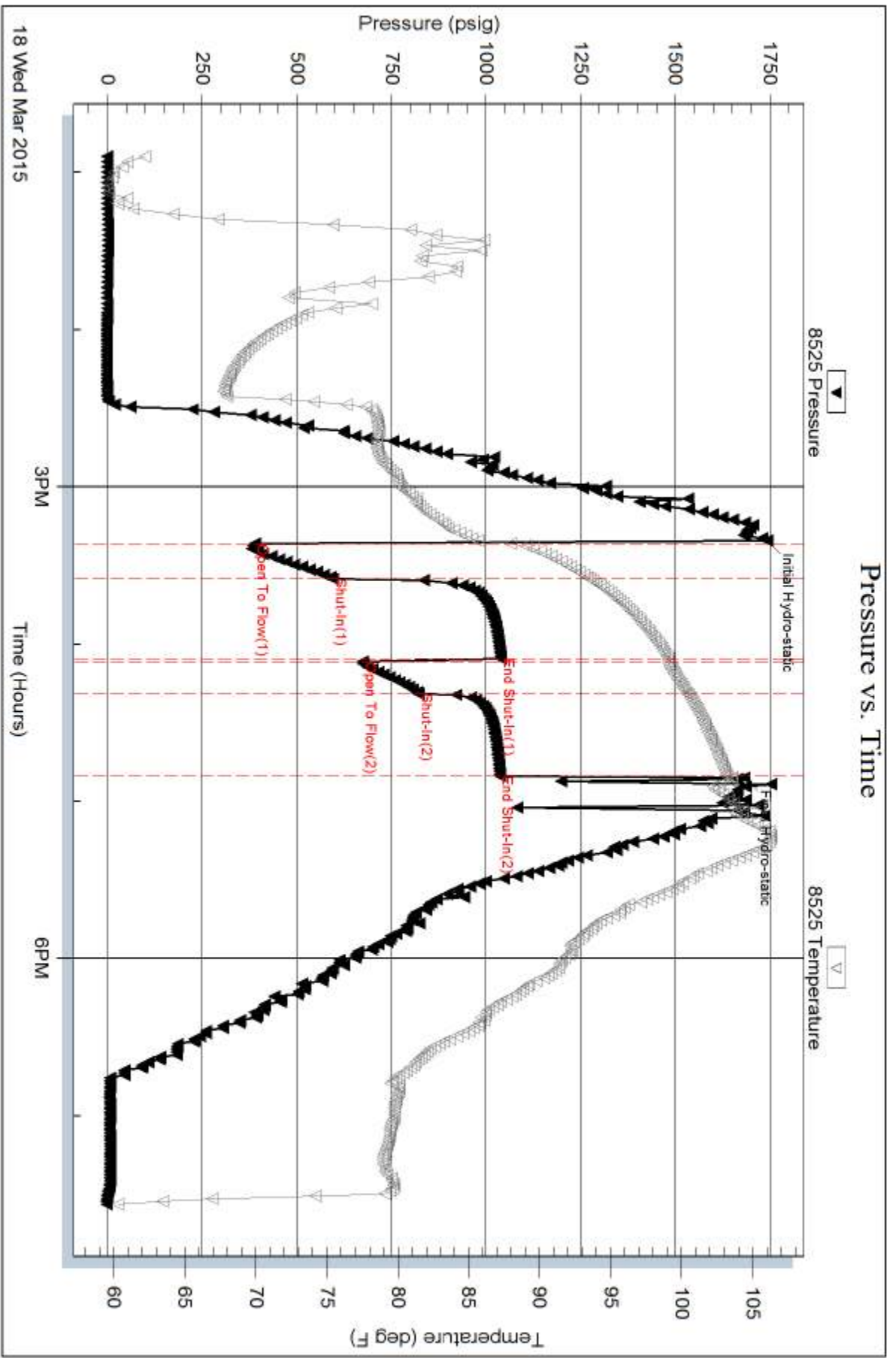
Num Gas Bombs: 0

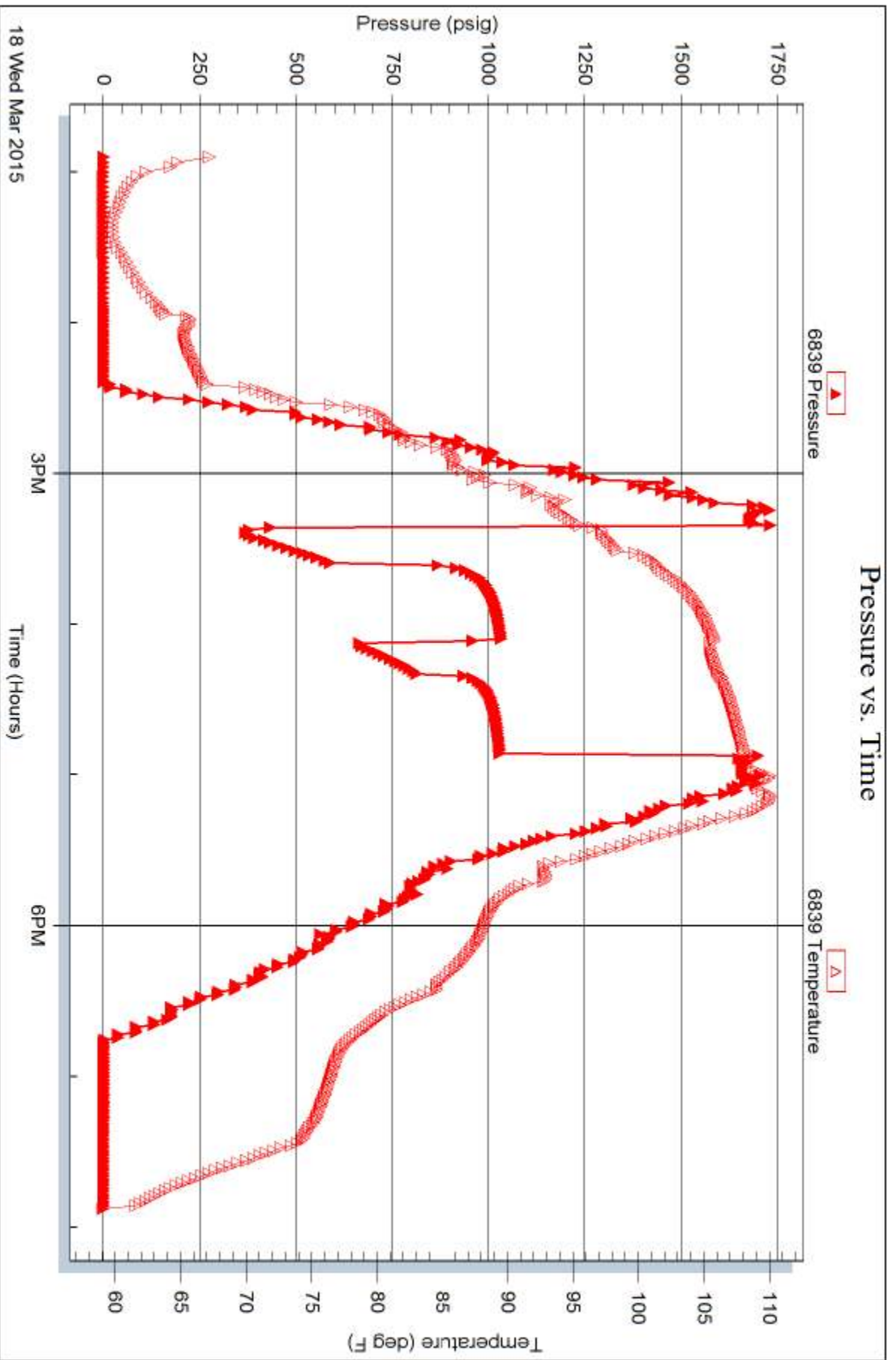
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





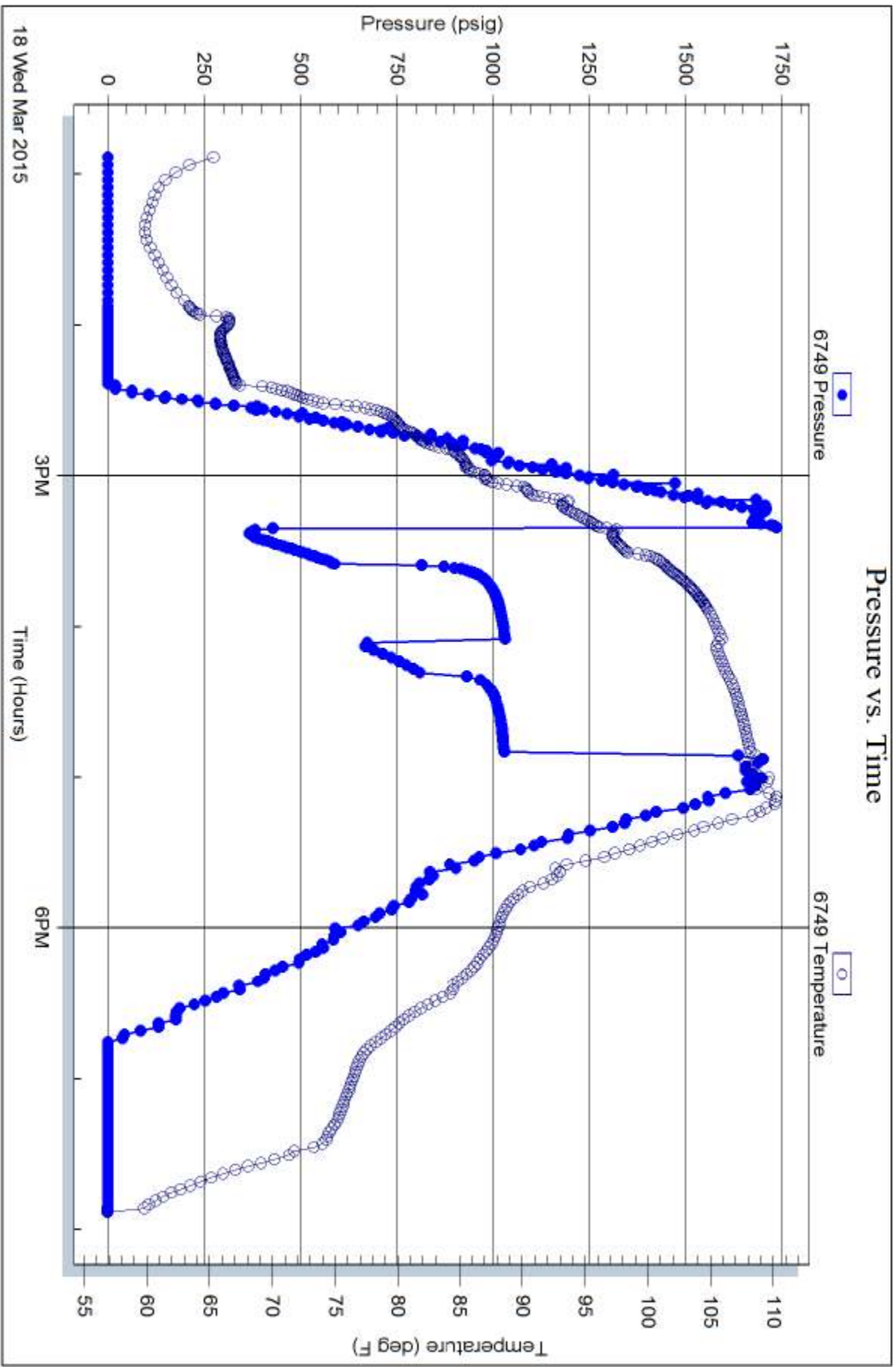
Serial #: 6749

Inside

Dow nng-Nelson Oil Co.

DGJR #1-25

DST Test Number: 4



Triobite Testing, Inc

Ref. No: 62125

Printed: 2015.03.19 @ 16:10:58



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 62122

Well Name & No. DGJR #1-25 Test No. 1 Date 3-16-15
 Company Downing-Nelson Oil Co Elevation 1947 KB 1955 GL
 Address ~~1111~~ Po Box 1019 Hays KS 67601
 Co. Rep / Geo. Maic Downing Rig Discovery Drilling #2
 Location: Sec. 25 Twp. 18 Rge. 16 Co. Rush State _____

Interval Tested 3480 - 3564 Zone Tested Regan sand
 Anchor Length 81 Drill Pipe Run 3469 Mud Wt. 9.2
 Top Packer Depth 3475 Drill Collars Run 0 Vis 55
 Bottom Packer Depth 3480 Wt. Pipe Run 50000 WL 8.4
 Total Depth 3564 Chlorides 2000 ppm System LCM 2

Blow Description 1st open - 30 BOB in 1 min
1st shut in - Yes blow back
2nd open - BOB in 1 min
2nd shut in - Yes blow back

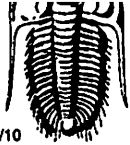
Rec	Feet of	%gas	%oil	%water	%mud
<u>1233</u>	<u>slightly oil spotted gassy mud</u>			<u>90</u>	
<u>1008</u>	<u>slightly oil spotted gassy mud</u>			<u>85</u>	<u>5</u>
____	____	____	____	____	____
____	____	____	____	____	____
____	____	____	____	____	____

Rec Total 2241 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides 60000 ppm

(A) Initial Hydrostatic 1796 Test 1050 T-On Location _____
 (B) First Initial Flow 466 Jars 250 T-Started ~~5:44 pm~~ 8:20 pm
 (C) First Final Flow 799 Safety Joint 75 T-Open ~~8:10 pm~~ 8:20 pm
 (D) Initial Shut-In 1050 Circ Sub _____ T-Pulled 12:19 pm
 (E) Second Initial Flow 819 Hourly Standby _____ T-Out _____
 (F) Second Final Flow 991 Mileage 30 30 Comments 189 gas in
 (G) Final Shut-In 1053 Sampler _____ pipe
 (H) Final Hydrostatic 1690 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 45 Day Standby _____ Total 1405
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 45 Sub Total 1405

Approved By _____ Our Representative [Signature]

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TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

TEST NO. 62123

Well Name & No. DGJR #1-25 Test No. 2 Date 3-17-15
 Company Downing-Nelson Oil Elevation 1947 KB 1955 GL
 Address PO Box 1019 Hays KS 67601
 Co. Rep / Geo. Marc Downing Rig Discovery Drilling Rig #2
 Location: Sec. 25 Twp. 18 Rge. 16 Co. Rush State KS

Interval Tested 3555 - 3564 Zone Tested Osgan Sand
 Anchor Length 9 Drill Pipe Run 3555 Mud Wt. 9.3
 Top Packer Depth 3555 Drill Collars Run 0 Vis 5.8
 Bottom Packer Depth 3564 Wt. Pipe Run 50000 WL 8.8
 Total Depth 3621 Chlorides 3500 ppm System LCM 2

Blow Description 1st open - BOB in 1 min.
1st shut in - Yes blow back.
2nd open - BOB in 1 min.
2nd shut in - Yes surface blowback.

Rec	Feet of	%gas	%oil	%water	%mud
<u>2330</u>	<u>water</u>		<u>28</u>	<u>2</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 2330 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides 6100 ppm

(A) Initial Hydrostatic <u>1833</u>	<input type="checkbox"/> Test <u>850</u>	T-On Location <u>2:45pm</u>
(B) First Initial Flow <u>191</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>3:15pm</u>
(C) First Final Flow <u>765</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>5:13pm</u>
(D) Initial Shut-In <u>1051</u>	<input checked="" type="checkbox"/> Circ Sub _____	T-Pulled <u>7:13pm</u>
(E) Second Initial Flow <u>788</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>10:00pm</u>
(F) Second Final Flow <u>1008</u>	<input checked="" type="checkbox"/> Mileage <u>30</u> ³⁰	Comments _____
(G) Final Shut-In <u>1054</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>1728</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Total <u>1805</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility _____	
	Sub Total <u>1805</u>	

Approved By _____ Our Representative Dustin Ellis

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



Well Name & No. DGJR #1-25 Test No. 3 Date 3-15-15
 Company Downing-Nelson Oil Elevation 1947 KB 1955 GL
 Address PO Box 1019 Hays 67601
 Co. Rep / Geo. Marc Downing Rig Discovery Drilling Rig #2
 Location: Sec. 25 Twp. 18 Rge. 16 Co. Rush State KS

Interval Tested 3477 - 3552 Zone Tested Top Reason Sand
 Anchor Length 75 Drill Pipe Run 3474 Mud Wt. 9.3
 Top Packer Depth 3477 Drill Collars Run 0 Vis 52
 Bottom Packer Depth 3552 Wt. Pipe Run 50,000 WL 8.8
 Total Depth 3621 Chlorides 3500 ppm System LCM 0

Blow Description 1st open - BoB in 1 min.
1st shut in - yes blowback 1/2 inch.
2nd open - BoB 50 sec.
2nd shut in - yes blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>2200</u>	<u>Water</u>			<u>100</u>	<u>2</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 2200 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

- (A) Initial Hydrostatic 1862
- (B) First Initial Flow 432
- (C) First Final Flow 851
- (D) Initial Shut-In 1074
- (E) Second Initial Flow 997
- (F) Second Final Flow 1033
- (G) Final Shut-In 1081
- (H) Final Hydrostatic 1728

- Test 850
- Jars 250
- Safety Joint 75
- Circ Sub
- Hourly Standby
- Mileage 30
- Sampler
- Straddle 600
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total 1775

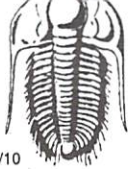
T-On Location _____
 T-Started 11:04 am
 T-Open 12:38 am
 T-Pulled 3:09 am
 T-Out 5:30 am

Comments 18 min. gas to surface on 2nd open
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 1775
 MP/DST Disc't _____

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

Approved By _____ Our Representative Dustin Ellis

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 62125

Well Name & No. DGJR 1-25 Test No. 4 Date 3-18-15
 Company Downing - Nelson O.I Elevation 1947 KB 1955 GL
 Address PO Box 1019 Hays 67601
 Co. Rep / Geo. Marc Downing Rig Discovery Drilling Rig #2
 Location: Sec. 25 Twp. 10 Rge. 16 Co. Rush State KS

Interval Tested 3478 - 3555 Zone Tested Reggan Sand
 Anchor Length 77 Drill Pipe Run 3465 Mud Wt. 9.3
 Top Packer Depth 3478 Drill Collars Run 0 Vis 52
 Bottom Packer Depth 3555 Wt. Pipe Run 50,000 WL 8.8
 Total Depth 3621 Chlorides 3500 ppm System LCM 2

Blow Description 1st open BOB in 1 min.
1st shut in - yes blow back - 2 3/4 inch
2nd open - BOB 45 sec.
2nd shut in - yes blow back 4 inch.

Rec	Feet of	%gas	%oil	%water	%mud
<u>1910</u>	<u>very light oil spotted water</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 1910 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1742
 (B) First Initial Flow 389
 (C) First Final Flow 595
 (D) Initial Shut-In 1039
 (E) Second Initial Flow 672
 (F) Second Final Flow 920
 (G) Final Shut-In 1037
 (H) Final Hydrostatic 1602
 Initial Open 15
 Initial Shut-In 30
 Final Flow 15
 Final Shut-In 30

Test 850
 Jars 250
 Safety Joint 75
 Circ Sub
 Hourly Standby
 Mileage 30 30
 Sampler
 Straddle 600
 Shale Packer 250
 Extra Packer 200
 Extra Recorder
 Day Standby
 Accessibility
 Sub Total 2255

T-On Location 11:50 am
 T-Started 12:53 pm *
 T-Open 3:20 pm
 T-Pulled 4:50
 T-Out 6:00
 Comments 345 gas pip
 Ruined Shale Packer
 Ruined Packer 320
 Extra Copies
 Sub Total 320
 Total 2575
 MP/DST Disc't _____

Approved By _____ Our Representative Rustin Ellis

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.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

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

No. 1141

Date	3-13-15	Sec.	25	Twp.	18	Range	16	County	Rush	State	Ks	On Location		Finish	1:00PM
------	---------	------	----	------	----	-------	----	--------	------	-------	----	-------------	--	--------	--------

Lease **DGJR** Well No. **1-25** Location **Albert, Ks - 1W 3/4S 60 into**

Contractor	Discovery	2	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
------------	-----------	---	-------	--

Type Job	Surface	Charge To	Downing - Nelson
----------	---------	-----------	------------------

Hole Size	12 1/4"	T.D.	964'	Street	
Csg.	8 5/8"	Depth	964'	City	

Tbg. Size		Depth		City		State	
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			

Cement Left in Csg.	25'	Shoe Joint	25'	Cement Amount Ordered	425 80/20 3%CL 2%Gel
Meas Line		Displace	59 3/4 BLS		

EQUIPMENT				Common	340
Pumptrk	16	No.	Cementer	Helper	Billy
Bulktrk	21	No.	Driver	Driver	Nick
Bulktrk	p.u.	No.	Driver	Driver	Rick
				Poz. Mix	85
				Gel.	8
				Calcium	16

JOB SERVICES & REMARKS		Hulls
Remarks:	Cement d/d Circulate	Salt

Rat Hole		Flowseal
Mouse Hole		Kol-Seal

Centralizers	1, 13	Mud CLR 48
Baskets		CFL-117 or CD110 CAF 38

D/V or Port Collar		Sand
		Handling

		Mileage
		449

FLOAT EQUIPMENT	
Guide Shoe	
Centralizer	2

Baskets	Baffle plate
AFU Inserts	

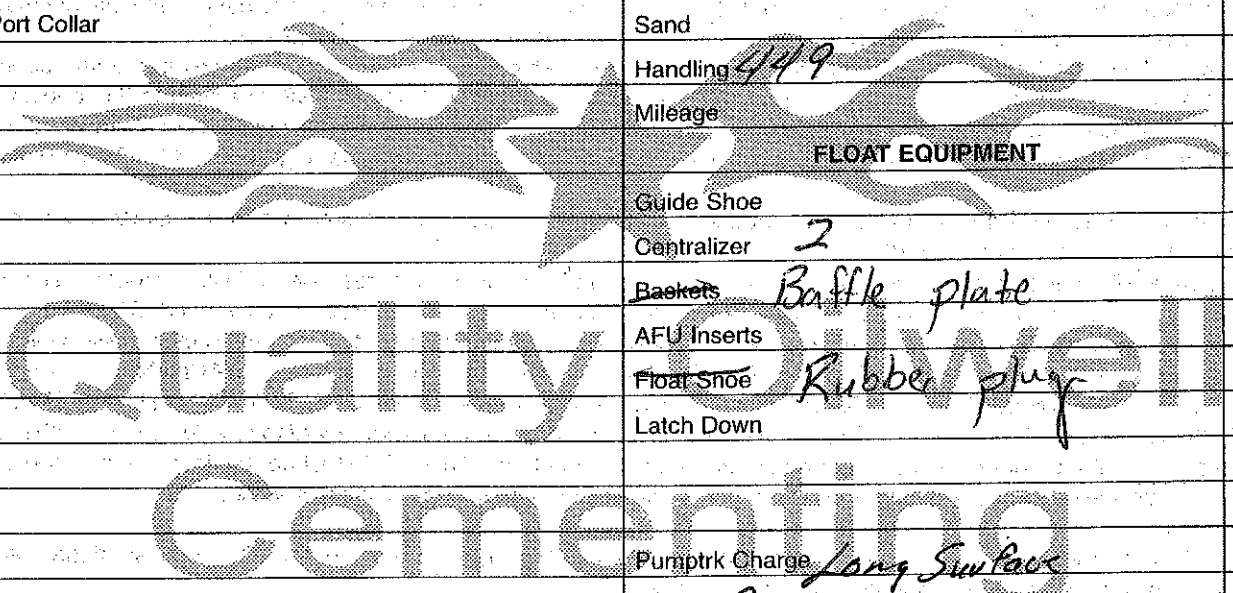
Float Shoe	Rubber plug
Latch Down	

Pumptrk Charge	Long Surface
Mileage	21

		Tax
		Discount

		Total Charge
--	--	--------------

X Signature *[Handwritten Signature]*



QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

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

No. 1153

Date 3-19 3-15	Sec. 25	Twp. 18	Range 16	County Rush	State KS	On Location	Finish 2:45 Am
---------------------------	---------	---------	----------	-------------	----------	-------------	----------------

Location Albert W 3/4 S Winto

Lease DG-JR	Well No. 1-25	Owner
-------------	---------------	-------

Contractor Discovering	2	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
------------------------	---	--

Type Job Plug		Charge To Downing-Nelson
---------------	--	--------------------------

Hole Size 2 7/8	T.D. 3621	Street
-----------------	-----------	--------

Csg. D.P. 4 1/2	Depth 3532	City	State
-----------------	------------	------	-------

Tbg. Size	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
-----------	-------	--	--

Tool	Depth	Cement Amount Ordered 220 60/40 4% gel 1/1" Slow
------	-------	--

Cement Left in Csg.	Shoe Joint	
---------------------	------------	--

Meas Line	Displacement <i>water from</i>	
-----------	--------------------------------	--

EQUIPMENT

Pumptrk 17	No.	Cementer	Common 132
------------	-----	----------	------------

Bulktrk 3	No.	Helper	Poz. Mix 88
-----------	-----	--------	-------------

Bulktrk <i>DN</i>	No.	Driver	Gel. 8
-------------------	-----	--------	--------

	No.	Driver	Calcium
--	-----	--------	---------

JOB SERVICES & REMARKS

Remarks:	Hulls
----------	-------

Rat Hole	Salt
----------	------

Mouse Hole	Flowseal 55 #
------------	---------------

Centralizers	Kol-Seal
--------------	----------

Baskets	Mud CLR 48
---------	------------

D/V or Port Collar	CFL-117 or CD110 CAF 38
--------------------	-------------------------

1st 3532' 50sk	Sand
----------------	------

2nd 990' 50sk	Handling 228
---------------	--------------

3rd 330' 50sk	Mileage
---------------	---------

FLOAT EQUIPMENT

4th 60' 20sk	Guide Shoe
--------------	------------

Mouse 30sk	Centralizer
------------	-------------

Rat 30sk	Baskets
----------	---------

	AFU Inserts
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	Float Shoe
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	Latch Down
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	Pumptrk Charge plug
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	Mileage 25
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X Signature <i>[Signature]</i>	
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Tax
Discount
Total Charge