



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1171739
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: _____

1171739

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> <i>(Submit ACO-4)</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	Bixenman 1-28
Doc ID	1171739

Tops

Name	Top	Datum
Anhydrite	2638	+413
Base	2671	+380
Topeka	3842	-791
Heebner	4052	-1001
Lansing	4091	-1040
BKC	4360	-1309
Pawnee	4481	-1531
Ft. Scott	4551	-1500
Johnson	4630	-1579

ALLIED OIL & GAS SERVICES, LLC 061170

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Dobley KS

DATE <u>10/8/13</u>	SEC. <u>28</u>	TWP. <u>9</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>5:30a</u>	JOB FINISH <u>6:30a</u>
LEASE <u>to cement</u>	WELL # <u>128</u>	LOCATION <u>Dobley N70 Rd H E70 3</u>			COUNTY <u>Thomas</u>	STATE <u>KS</u>	
OLD OR (NEW) (Circle one) <u>NEW</u>				<u>No Winto</u>			

CONTRACTOR Discipery 1

TYPE OF JOB PTH Retest

HOLE SIZE _____ T.D. _____

CASING SIZE 8 7/8 DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER Same

CEMENT AMOUNT ORDERED 220 60/40 40 mgel
14 Flt Seal

COMMON	<u>132</u>	@	<u>17.90</u>	<u>2362.80</u>
POZMIX	<u>88</u>	@	<u>9.35</u>	<u>822.80</u>
GEL	<u>8</u>	@	<u>23.20</u>	<u>187.20</u>
CHLORIDE		@		
ASC		@		
<u>Flt Seal</u>	<u>5516</u>	@	<u>2.92</u>	<u>163.35</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>336</u>	@	<u>2.42</u>	<u>815.25</u>
MILEAGE	<u>2627</u>	@	<u>9.87</u>	<u>2589.75</u>
		@		<u>03</u>
TOTAL				<u>4502</u>

EQUIPMENT

PUMP TRUCK CEMENTER Alan Ryan

33281 HELPER Kevin Ryan

BULK TRUCK

396 DRIVER Tuon (TWS)

BULK TRUCK

_____ DRIVER _____

REMARKS:

2660 - 255K

1800 - 1005K

360 - 405K

40 - 105K

RH - 305K

MH - 755K

CHARGE TO: Accounting of Nelson

STREET _____

CITY _____ STATE _____ ZIP _____

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____

SIGNATURE Cliff M. [Signature]

SERVICE

DEPTH OF JOB 2660'

PUMP TRUCK CHARGE 2483.22

EXTRA FOOTAGE @ _____

MILEAGE 15 miles @ >20 115.00

MANIFOLD @ _____

CTR Vehicle 15 mile @ 4.80 66.00

TOTAL 2665.22

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES 7,172.12

DISCOUNT 1,434.42 IF PAID IN 30 DAYS

5,737.69 Net

ALLIED OIL & GAS SERVICES, LLC 061164

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Redkey, TX

DATE <u>9/20/13</u>	SEC. <u>28</u>	TWP. <u>9</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>2:00pm</u>	JOB FINISH <u>7:30pm</u>
LEASE # <u>1200000</u>	WELL # <u>1-28</u>	LOCATION <u>Redkey 8 N Rd H E Rd 34</u>			COUNTY <u>Tarrant</u>	STATE <u>TX</u>	
OLD OR NEW (Circle one) <u>NEW</u>		LOCATION <u>1/2 N units</u>					

CONTRACTOR Downing
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 308
 CASING SIZE 8 7/8 DEPTH 308
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 18.66
 EQUIPMENT _____
 PUMP TRUCK CEMENTER Alan
 # 425-281 HELPER Kevin
 BULK TRUCK _____
 # 870 DRIVER Chris
 BULK TRUCK _____
 # _____ DRIVER _____

OWNER Some
 CEMENT AMOUNT ORDERED 2256 - 370CL 2902
 COMMON 225 @ 17.20 4027.50
 POZMIX _____ @ _____ _____
 GEL 4 @ 23.40 93.60
 CHLORIDE 8 @ 64.00 512.00
 ASC _____ @ _____ _____
 _____ @ _____ _____
 _____ @ _____ _____
 _____ @ _____ _____
 _____ @ _____ _____
 _____ @ _____ _____
 HANDLING 243.3 CF @ 2.40 603.72
 MILEAGE 11.014700 @ 42.90 472.46
 TOTAL 5666.03

REMARKS:
In Coy, Circulate, Mix Cement, Displace Cement
Station Job Complete
Cement Aid Circulate
3081 To P-7
Alan, Kevin, Chris

SERVICE
 DEPTH OF JOB 308
 PUMP TRUCK CHARGE 1512.25
 EXTRA FOOTAGE @ _____
 MILEAGE 15 miles @ 7.70 115.50
 MANIFOLD @ 275.00
620/6300 15 miles @ 4.20 66.00
 TOTAL 1968.75

CHARGE TO: Downing & Nelson
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____
 TOTAL CHARGES 7,634.78
 DISCOUNT 1,526.95 IF PAID IN 30 DAYS
6,107.82 Net.

PRINTED NAME _____
 SIGNATURE [Signature]

ALLIED OIL & GAS SERVICES, LLC 061139

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Oakley KS

DATE <u>9/28/13</u>	SEC <u>29</u>	TWP <u>9</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>7:00 a.m.</u>	JOB START <u>10:00 a.m.</u>	JOB FINISH <u>11:00 a.m.</u>
LEASE unit <u>Guards/H/bois</u>				WELL# <u>1-29</u>	LOCATION <u>Oakley 8th to Rd #36 to rd 32 42 N - c into</u>	COUNTY <u>Thomas</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)							

CONTRACTOR Discovery Drlg. rig #1 OWNER Same

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 4700'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 DEPTH 2635'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 3 bbl water 30.91 bbl mud

EQUIPMENT

PUMP TRUCK CEMENTER Paul Beaver

120 HELPER Tyler Flipse

BULK TRUCK _____

600 DRIVER David Scario

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

mix 25 sks @ 2635'

Displace with mud

mix 100 sks @ 1740'

Displace with water

mix 40 sks @ 357'

mix 10 sks @ 40' with wooden plug

mix 30 sks in R.H.

mix 15 sks in m.H.

Thank You

CHARGE TO: Dawning + Nelson Oil Co LLC

STREET _____

CITY _____ STATE _____ ZIP _____

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____

SIGNATURE [Signature]

CEMENT AMOUNT ORDERED 220 sks 60/40
4% gel

COMMON 132 sks @ 17.90 2362.80

POZMIX 88 sks @ 9.35 822.80

GEL 7.6 sks @ 23.40 177.84

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING 232.67 lbs @ 2.48 577.02

MILEAGE 9.84 tons x 10 x 2.60 255.84

TOTAL 4196.30

SERVICE

DEPTH OF JOB 2635'

PUMP TRUCK CHARGE 2483.59

EXTRA FOOTAGE _____ @ _____

MILEAGE MILV 10mi @ 7.70 77.00

MANIFOLD _____ @ _____

MILV 10mi @ 4.40 44.00

TOTAL 2604.59

PLUG & FLOAT EQUIPMENT

wooden plug @ 107.64

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL 107.64

SALES TAX (if Any) _____

TOTAL CHARGES 6,908.53

DISCOUNT 1,381.70 IF PAID IN 30 DAYS

5526.82 Net



DRILL STEM TEST REPORT

Prepared For: **Downing Nelson Oil Inc.**

P.O. Box 1019
Hays KS 67601

ATTN: Marc Downing

Bixenman #1-28

28-9s-31w Thomas,KS

Start Date: 2013.10.04 @ 19:18:15

End Date: 2013.10.05 @ 01:19:45

Job Ticket #: 54678 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.10.09 @ 09:14:58



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Dow ning Nelson Oil Inc.

28-9s-31w Thomas,KS

P.O. Box 1019
Hays KS 67601

Bixenman #1-28

Job Ticket: 54678

DST#: 1

ATTN: Marc Dow ning

Test Start: 2013.10.04 @ 19:18:15

GENERAL INFORMATION:

Formation: **I-J**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 21:35:30
 Time Test Ended: 01:19:45
 Interval: **4245.00 ft (KB) To 4300.00 ft (KB) (TVD)**
 Total Depth: **4300.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Mike Roberts**
 Unit No: **65**
 Reference Elevations: **3049.00 ft (KB)**
3044.00 ft (CF)
 KB to GR/CF: **5.00 ft**

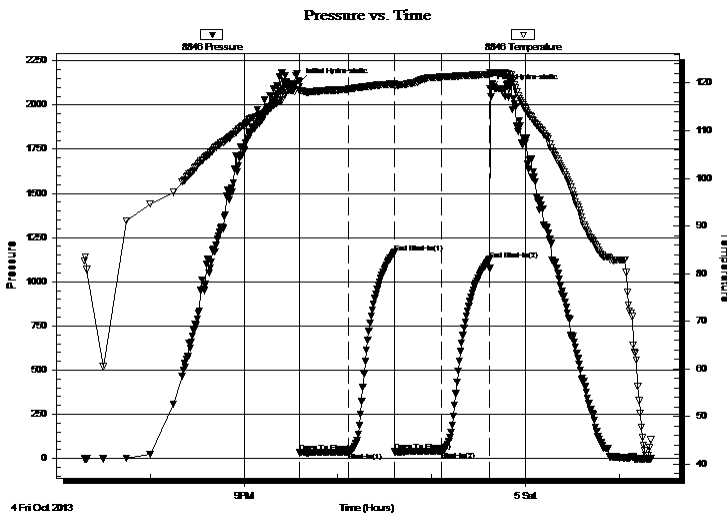
Serial #: 8846

Inside

Press @RunDepth: 40.95 psig @ 4246.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.10.04 End Date: 2013.10.05 Last Calib.: 2013.10.05
 Start Time: 19:18:15 End Time: 01:19:45 Time On Btm: 2013.10.04 @ 21:35:15
 Time Off Btm: 2013.10.04 @ 23:37:15

TEST COMMENT: IF:Built to 1/2" blow
 IS:No return blow
 FF:No blow
 FS:No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2129.68	119.19	Initial Hydro-static
1	32.56	118.45	Open To Flow (1)
32	36.36	118.72	Shut-In(1)
61	1165.68	119.82	End Shut-In(1)
61	38.38	119.33	Open To Flow (2)
91	40.95	121.27	Shut-In(2)
122	1126.00	121.78	End Shut-In(2)
122	2094.67	122.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud w ith oil spots	0.21

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Dow ning Nelson Oil Inc.

28-9s-31w Thomas,KS

P.O. Box 1019
Hays KS 67601

Bixenman #1-28

Job Ticket: 54678 **DST#: 1**

ATTN: Marc Dow ning

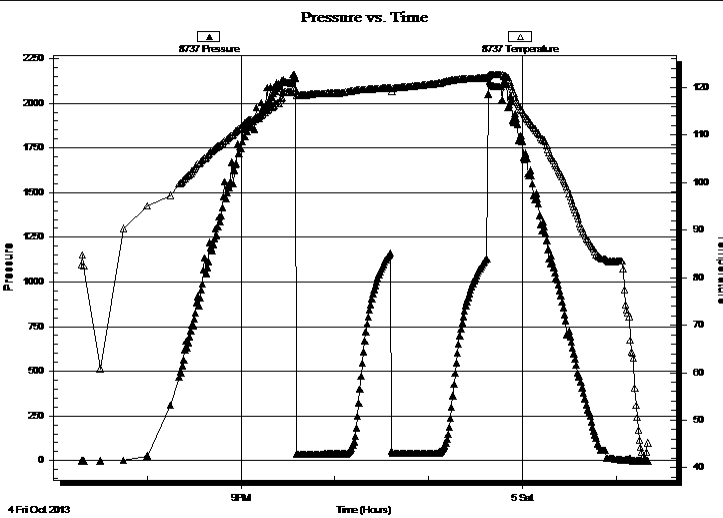
Test Start: 2013.10.04 @ 19:18:15

GENERAL INFORMATION:

Formation: I-J			
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Initial)	
Time Tool Opened: 21:35:30		Tester: Mike Roberts	
Time Test Ended: 01:19:45		Unit No: 65	
Interval: 4245.00 ft (KB) To 4300.00 ft (KB) (TVD)		Reference Elevations: 3049.00 ft (KB)	
Total Depth: 4300.00 ft (KB) (TVD)		3044.00 ft (CF)	
Hole Diameter: 7.88 inches	Hole Condition: Fair	KB to GR/CF: 5.00 ft	

Serial #: 8737	Outside				
Press @RunDepth:	psig @	4246.00 ft (KB)	Capacity:	8000.00 psig	
Start Date:	2013.10.04	End Date:	2013.10.05	Last Calib.:	2013.10.05
Start Time:	19:18:15	End Time:	01:19:45	Time On Btm:	
				Time Off Btm:	

TEST COMMENT: IF: Built to 1/2" blow
IS: No return blow
FF: No blow
FS: No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud w ith oil spots	0.21

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing Nelson Oil Inc.

28-9s-31w Thomas,KS

P.O. Box 1019
Hays KS 67601

Bixenman #1-28

Job Ticket: 54678

DST#: 1

ATTN: Marc Downing

Test Start: 2013.10.04 @ 19:18:15

Tool Information

Drill Pipe:	Length: 4236.00 ft	Diameter: 3.80 inches	Volume: 59.42 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 59.42 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4245.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	84.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4217.00	
Shut In Tool	5.00			4222.00	
Hydraulic tool	5.00			4227.00	
Jars	5.00			4232.00	
Safety Joint	3.00			4235.00	
Packer	5.00			4240.00	29.00 Bottom Of Top Packer
Packer	5.00			4245.00	
Stubb	1.00			4246.00	
Recorder	0.00	8846	Inside	4246.00	
Recorder	0.00	8737	Outside	4246.00	
Perforations	1.00			4247.00	
Change Over Sub	1.00			4248.00	
Drill Pipe	32.00			4280.00	
Change Over Sub	1.00			4281.00	
Perforations	14.00			4295.00	
Bullnose	5.00			4300.00	55.00 Bottom Packers & Anchor
Total Tool Length:	84.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Inc.

28-9s-31w Thomas,KS

P.O. Box 1019
Hays KS 67601

Bixenman #1-28

Job Ticket: 54678

DST#: 1

ATTN: Marc Downing

Test Start: 2013.10.04 @ 19:18:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.16 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	mud w ith oil spots	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

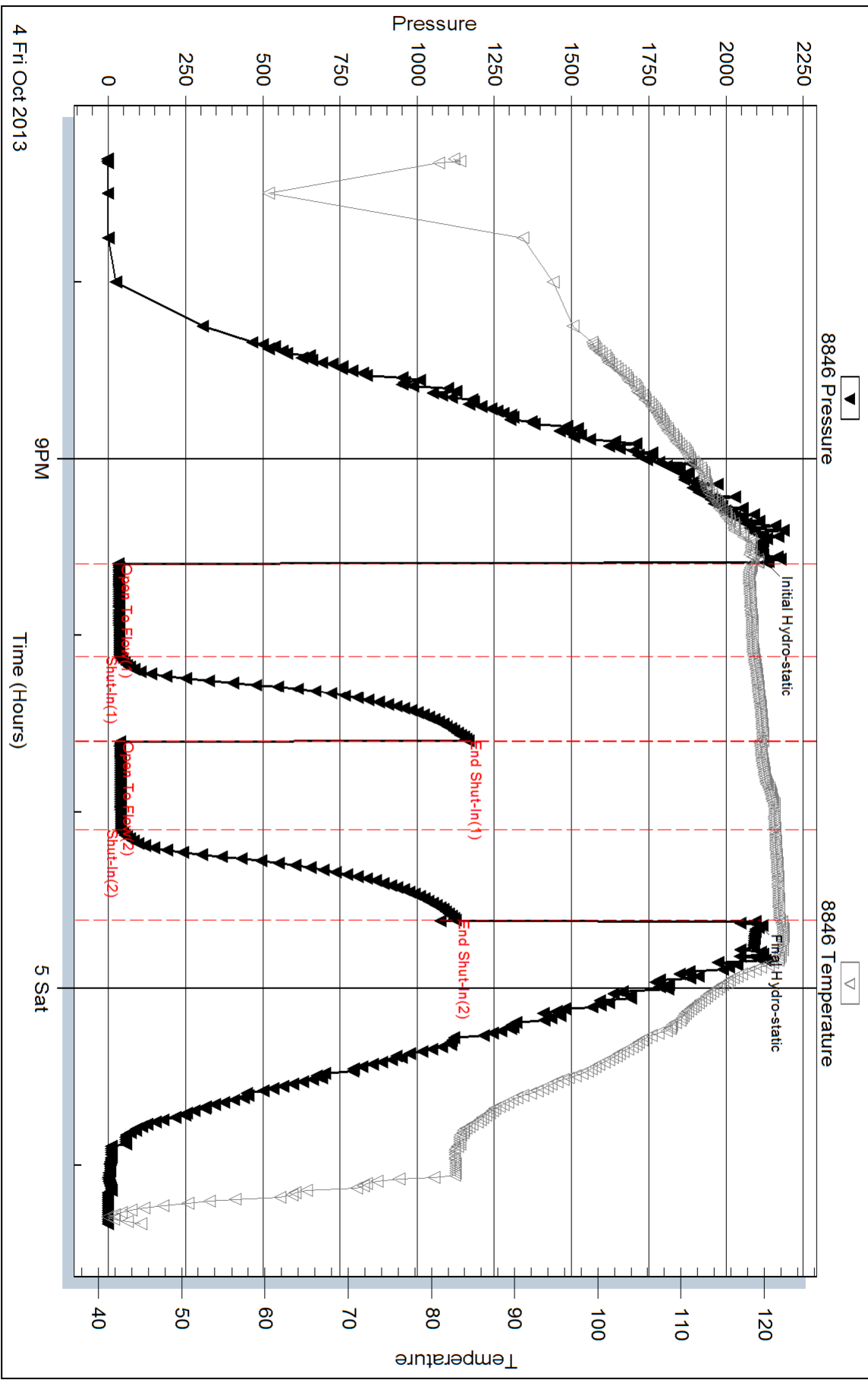
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



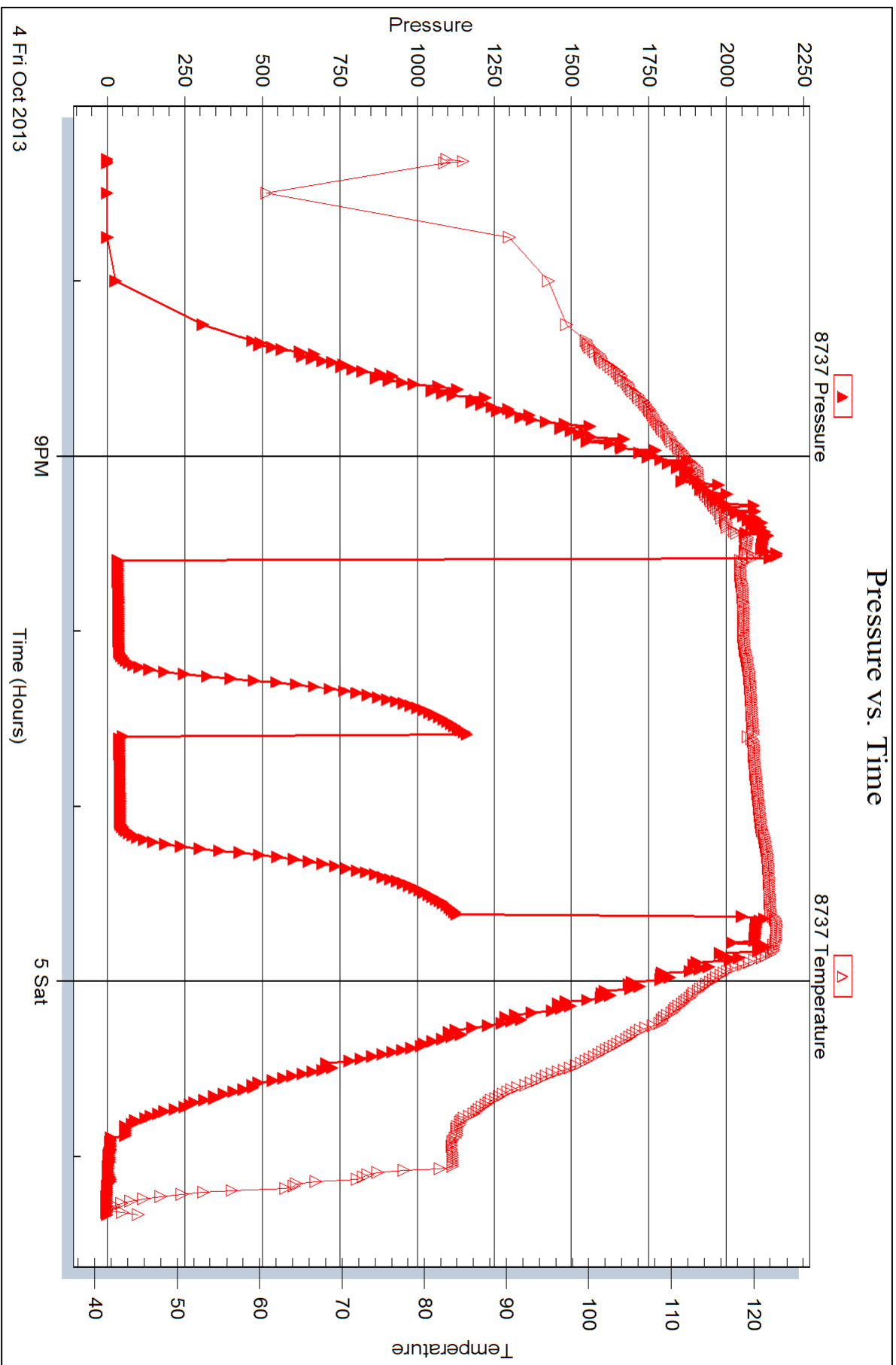
Serial #: 8737

Outside

Downing Nelson Oil Inc.

Bixenman #1-28

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 54678

Printed: 2013.10.09 @ 09:15:00



DRILL STEM TEST REPORT

Prepared For: **Downing Nelson Oil Inc.**

P.O. Box 1019
Hays KS 67601

ATTN: Marc Downing

Bixenman #1-28

28-9s-31w Thomas,KS

Start Date: 2013.10.05 @ 00:35:15

End Date: 2013.10.05 @ 07:14:00

Job Ticket #: 54679 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.10.09 @ 09:14:22



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Dow ning Nelson Oil Inc.
 P.O. Box 1019
 Hays KS 67601
 ATTN: Marc Dow ning

28-9s-31w Thomas,KS

Bixenman #1-28

Job Ticket: 54679

DST#: 2

Test Start: 2013.10.05 @ 00:35:15

GENERAL INFORMATION:

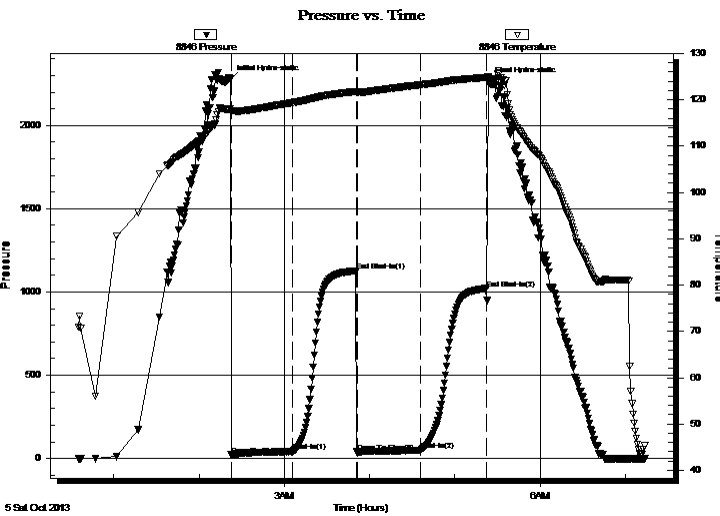
Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:22:30
 Time Test Ended: 07:14:00
 Interval: **4452.00 ft (KB) To 4500.00 ft (KB) (TVD)**
 Total Depth: 4500.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 65
 Reference Elevations: 3049.00 ft (KB)
 3044.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8846

Inside

Press @ Run Depth: 49.39 psig @ 4453.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.10.05 End Date: 2013.10.05 Last Calib.: 2013.10.06
 Start Time: 00:35:15 End Time: 07:14:00 Time On Btm: 2013.10.05 @ 02:22:15
 Time Off Btm: 2013.10.05 @ 05:23:30

TEST COMMENT: IF: Built to 5" blow
 IS: No return blow
 FF: Built to 8" blow
 FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2274.90	118.09	Initial Hydro-static
1	22.80	117.21	Open To Flow (1)
44	40.64	119.39	Shut-In(1)
89	1127.72	121.82	End Shut-In(1)
89	35.47	121.58	Open To Flow (2)
134	49.39	123.24	Shut-In(2)
180	1019.89	124.84	End Shut-In(2)
182	2261.90	124.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	ocm 10%o 90%m	0.98

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dow ning Nelson Oil Inc.

28-9s-31w Thomas,KS

P.O. Box 1019
Hays KS 67601

Bixenman #1-28

Job Ticket: 54679

DST#: 2

ATTN: Marc Dow ning

Test Start: 2013.10.05 @ 00:35:15

GENERAL INFORMATION:

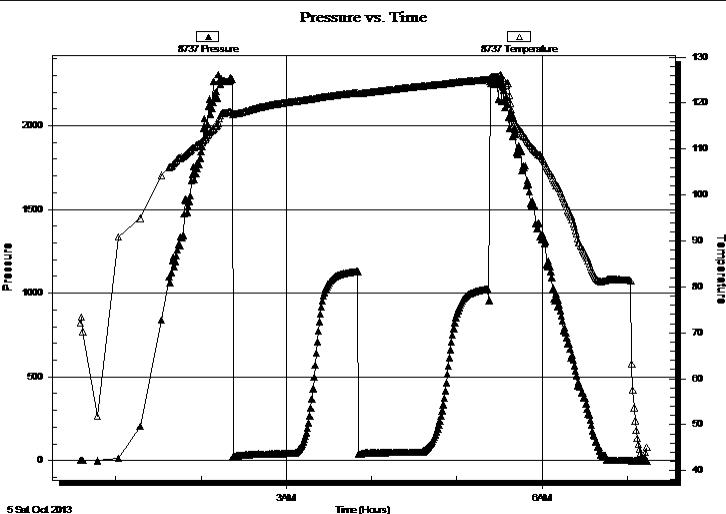
Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:22:30
 Time Test Ended: 07:14:00
 Interval: **4452.00 ft (KB) To 4500.00 ft (KB) (TVD)**
 Total Depth: 4500.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 65
 Reference Elevations: 3049.00 ft (KB)
 3044.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8737

Outside

Press @ RunDepth: psig @ 4453.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.10.05 End Date: 2013.10.05 Last Calib.: 2013.10.06
 Start Time: 00:35:15 End Time: 07:14:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Built to 5" blow
 IS: No return blow
 FF: Built to 8" blow
 FS: No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
70.00	ocm 10%o 90%m	0.98

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing Nelson Oil Inc.

28-9s-31w Thomas,KS

P.O. Box 1019
Hays KS 67601

Bixenman #1-28

Job Ticket: 54679

DST#: 2

ATTN: Marc Downing

Test Start: 2013.10.05 @ 00:35:15

Tool Information

Drill Pipe:	Length: 4455.00 ft	Diameter: 3.80 inches	Volume: 62.49 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 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: 62.49 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4452.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	77.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4424.00	
Shut In Tool	5.00			4429.00	
Hydraulic tool	5.00			4434.00	
Jars	5.00			4439.00	
Safety Joint	3.00			4442.00	
Packer	5.00			4447.00	29.00 Bottom Of Top Packer
Packer	5.00			4452.00	
Stubb	1.00			4453.00	
Recorder	0.00	8846	Inside	4453.00	
Recorder	0.00	8737	Outside	4453.00	
Change Over Sub	1.00			4454.00	
Drill Pipe	32.00			4486.00	
Change Over Sub	1.00			4487.00	
Perforations	8.00			4495.00	
Bullnose	5.00			4500.00	48.00 Bottom Packers & Anchor

Total Tool Length: 77.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Inc.

28-9s-31w Thomas,KS

P.O. Box 1019
Hays KS 67601

Bixenman #1-28

Job Ticket: 54679

DST#: 2

ATTN: Marc Downing

Test Start: 2013.10.05 @ 00:35:15

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.96 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	ocm 10%o 90%m	0.982

Total Length: 70.00 ft Total Volume: 0.982 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

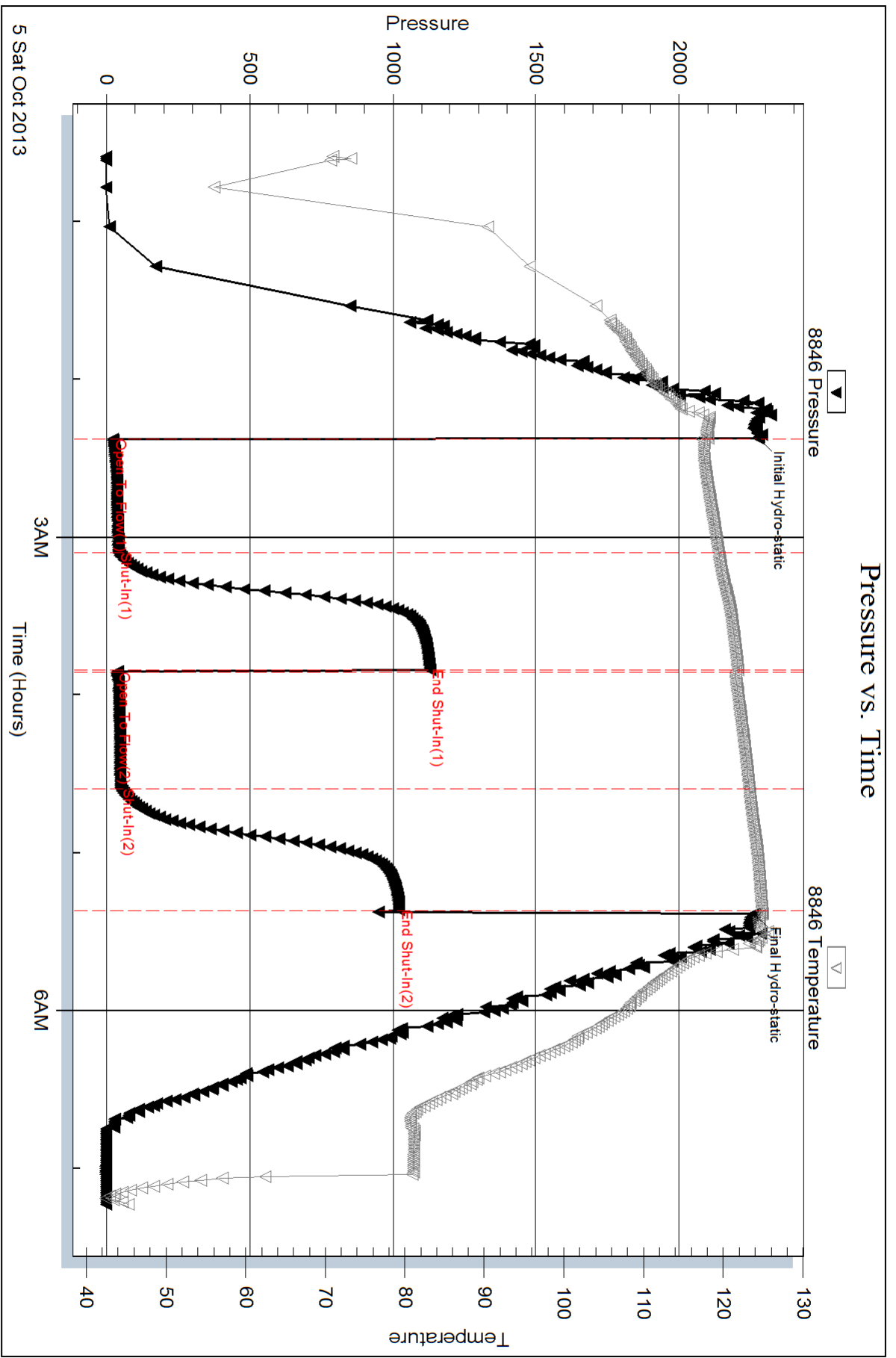
Serial #: 8846

Inside

Downing Nelson Oil Inc.

Bixenman #1-28

DST Test Number: 2

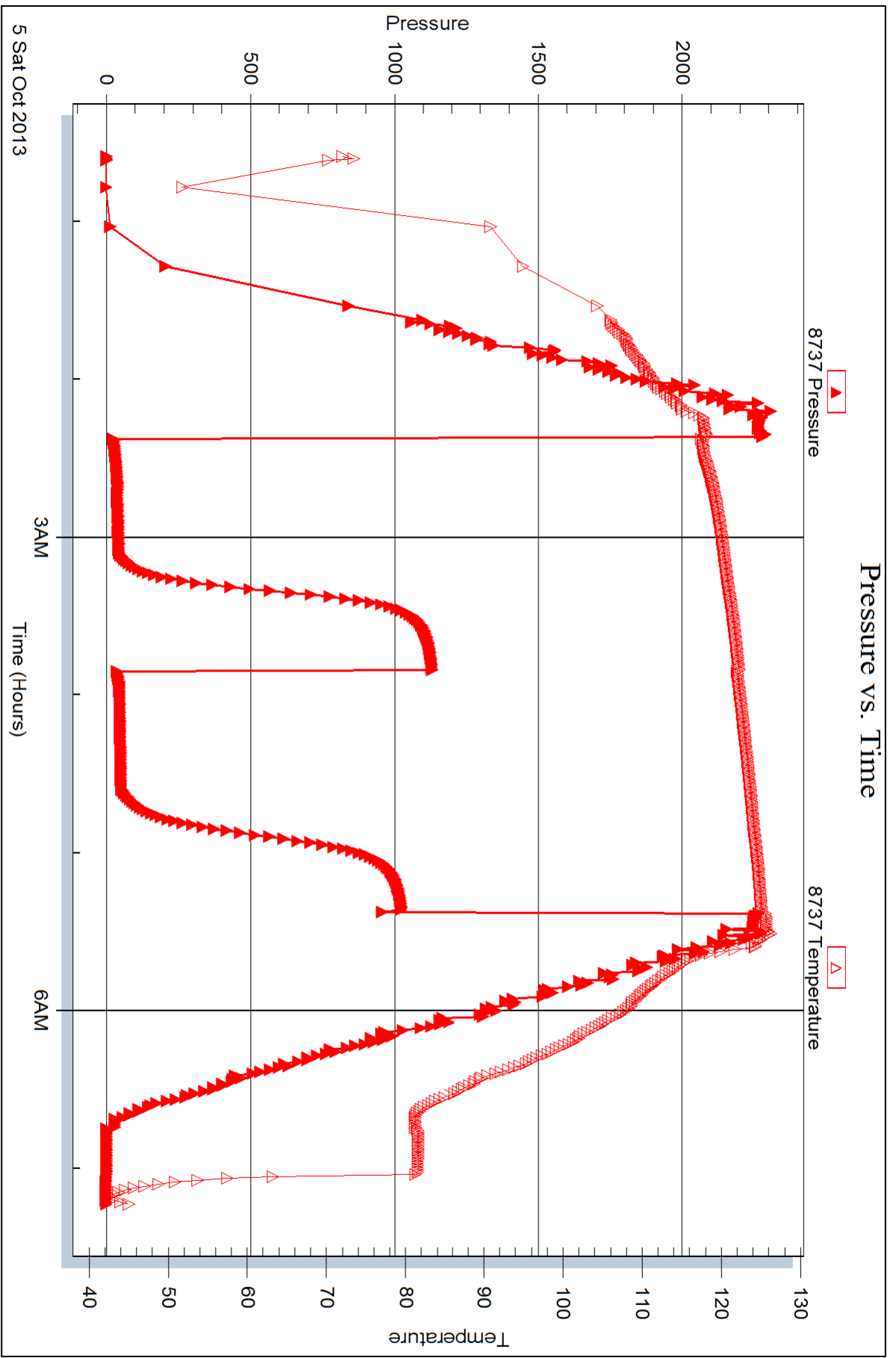


Serial #: 8737

Outside Dow n ing Nelson Oil Inc.

Bixenman #1-28

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Downing Nelson Oil Inc.**

P.O. Box 1019
Hays KS 67601

ATTN: Marc Downing

Bixenman #1-28

28-9s-31w Thomas,KS

Start Date: 2013.10.06 @ 16:25:15

End Date: 2013.10.06 @ 22:14:15

Job Ticket #: 54680 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.10.09 @ 09:13:53



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dow ning Nelson Oil Inc.

28-9s-31w Thomas,KS

P.O. Box 1019
Hays KS 67601

Bixenman #1-28

ATTN: Marc Dow ning

Job Ticket: 54680

DST#: 3

Test Start: 2013.10.06 @ 16:25:15

GENERAL INFORMATION:

Formation: **Myrick Station**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:14:30

Time Test Ended: 22:14:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4496.00 ft (KB) To 4545.00 ft (KB) (TVD)

Reference Elevations: 3049.00 ft (KB)

Total Depth: 4545.00 ft (KB) (TVD)

3044.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8737 Outside

Press @RunDepth: 42.07 psig @ 4497.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.06

End Date:

2013.10.06

Last Calib.:

2013.10.06

Start Time: 16:25:15

End Time:

22:14:15

Time On Btm:

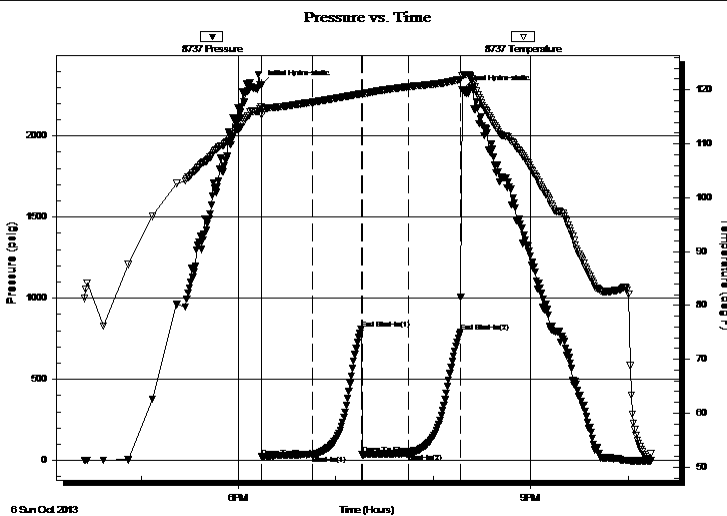
2013.10.06 @ 18:14:15

Time Off Btm:

2013.10.06 @ 20:17:45

TEST COMMENT: IF: Built to 3/4" blow
IS: No return blow
FF: Built to 1/2" blow
FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2313.65	116.93	Initial Hydro-static
1	23.11	115.37	Open To Flow (1)
32	34.49	117.70	Shut-In(1)
62	810.97	119.25	End Shut-In(1)
62	35.41	119.16	Open To Flow (2)
91	42.07	120.58	Shut-In(2)
123	790.74	121.88	End Shut-In(2)
124	2286.61	122.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	mud w ith slight trace of oil	0.63

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing Nelson Oil Inc.

28-9s-31w Thomas,KS

P.O. Box 1019
Hays KS 67601

Bixenman #1-28

Job Ticket: 54680

DST#: 3

ATTN: Marc Downing

Test Start: 2013.10.06 @ 16:25:15

Tool Information

Drill Pipe:	Length: 4499.00 ft	Diameter: 3.80 inches	Volume: 63.11 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 63.11 bbl</u>	Tool Chased 5.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	4496.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.00 ft			
Tool Length:	78.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4468.00	
Shut In Tool	5.00			4473.00	
Hydraulic tool	5.00			4478.00	
Jars	5.00			4483.00	
Safety Joint	3.00			4486.00	
Packer	5.00			4491.00	29.00 Bottom Of Top Packer
Packer	5.00			4496.00	
Stubb	1.00			4497.00	
Recorder	0.00	8846	Inside	4497.00	
Recorder	0.00	8737	Outside	4497.00	
Perforations	8.00			4505.00	
Change Over Sub	1.00			4506.00	
Drill Pipe	32.00			4538.00	
Change Over Sub	1.00			4539.00	
Perforations	1.00			4540.00	
Bullnose	5.00			4545.00	49.00 Bottom Packers & Anchor
Total Tool Length:	78.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Inc.

28-9s-31w Thomas,KS

P.O. Box 1019
Hays KS 67601

Bixenman #1-28

Job Ticket: 54680

DST#: 3

ATTN: Marc Downing

Test Start: 2013.10.06 @ 16:25:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
45.00	mud w ith slight trace of oil	0.631

Total Length: 45.00 ft Total Volume: 0.631 bbl

Num Fluid Samples: 0

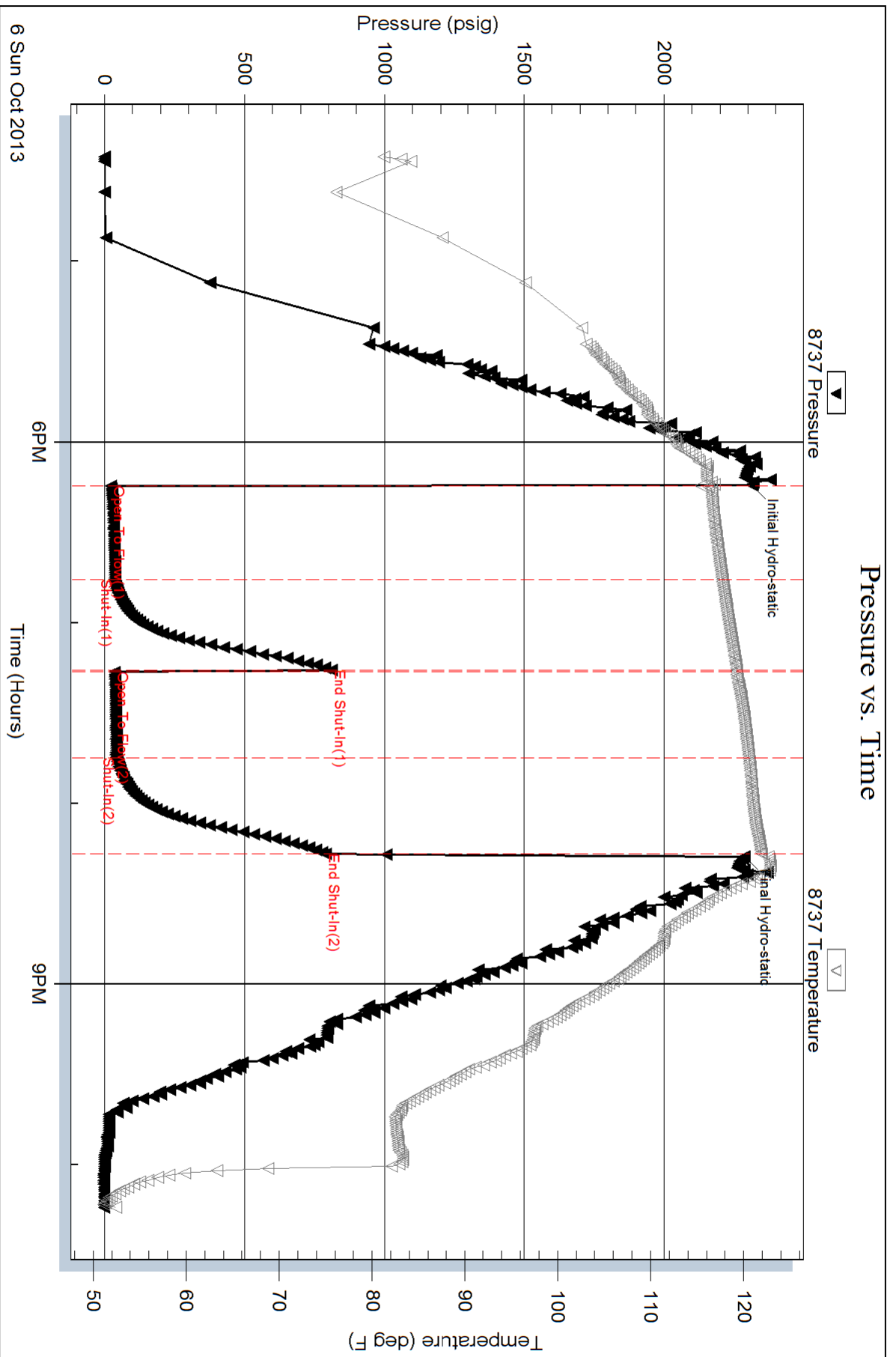
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



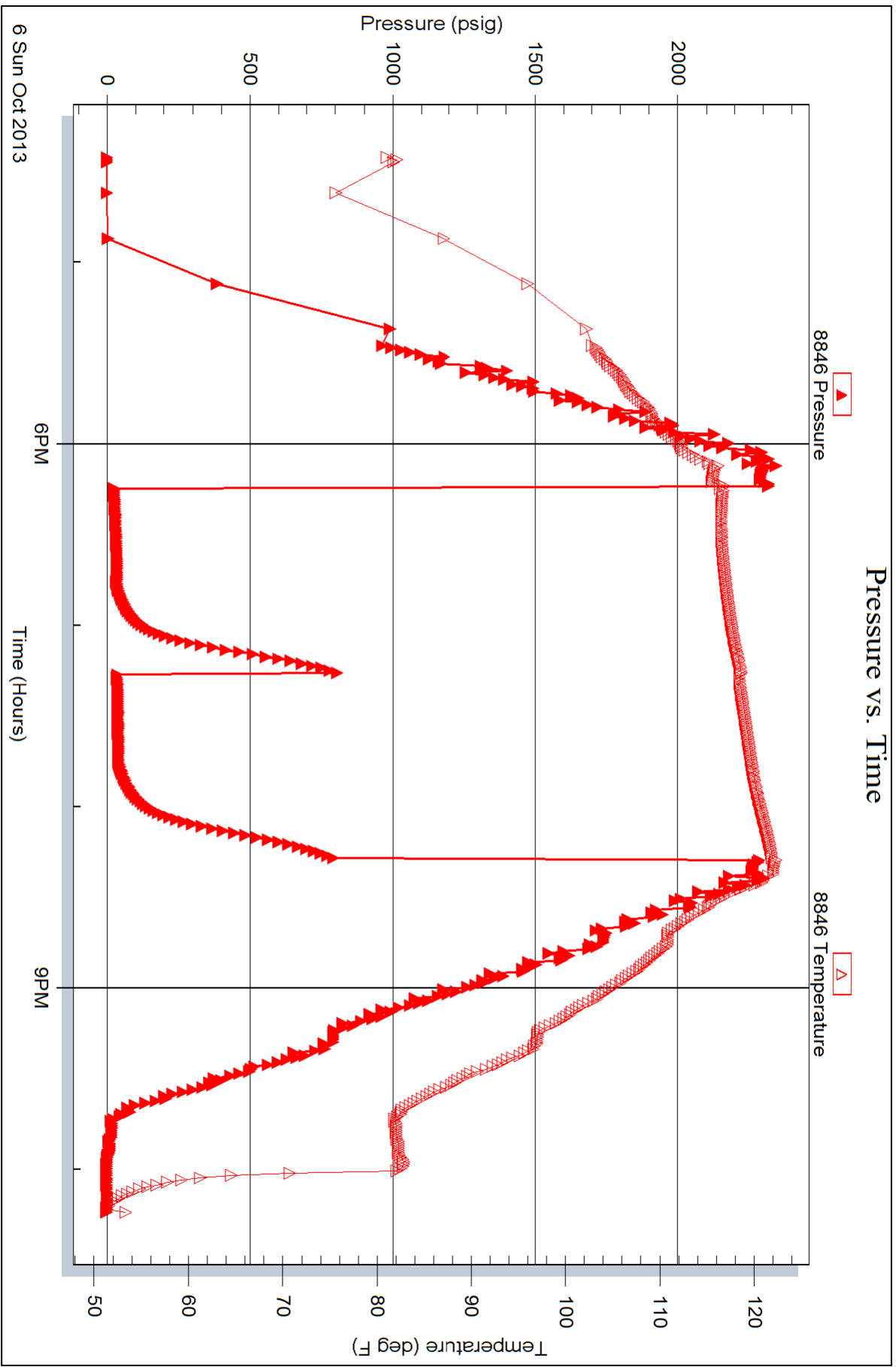
Serial #: 8846

Inside

Dow n ing Nelson Oil Inc.

Bixenman #1-28

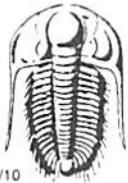
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 54680

Printed: 2013.10.09 @ 09:13:55



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **54678**

Well Name & No. Bixenman 1-28 Test No. 1 Date 10-4-13
 Company Downing Nelson Oil Inc. Elevation 3049 KB 3044 GL
 Address P.O. Box 1019 Hays KS 67601
 Co. Rep / Geo. MARL Downing Rig Discovery #1
 Location: Sec. 28 Twp. 9 Rge. 31 Co. THOMAS State KS

Interval Tested 4245-4300 Zone Tested I-J
 Anchor Length 55' Drill Pipe Run 4236 Mud Wt. ~~9.2~~ 8.7
 Top Packer Depth 4241 Drill Collars Run 0 Vis 55
 Bottom Packer Depth 4245 Wt. Pipe Run 0 WL 7.2
 Total Depth 4300 Chlorides 300 ppm System LCM 2 1/2#

Blow Description IF: Built to 1/2" Blow
IS: No Return Blow
FF: NO Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>MUD with oil spots</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 15 BHT 122 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic <u>2129</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>17:40</u>
(B) First Initial Flow <u>32</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>19:18</u>
(C) First Final Flow <u>36</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>21:35</u>
(D) Initial Shut-In <u>1165</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>23:35</u>
(E) Second Initial Flow <u>38</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>01:19</u>
(F) Second Final Flow <u>40</u>	<input checked="" type="checkbox"/> Mileage <u>132RT</u> 102rt 158.10	Comments
(G) Final Shut-In <u>1126</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2094</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

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

Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 1733.10

MP/DST Disc't —

Approved By _____ Our Representative Mike Roberts

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54679

Well Name & No. Bixenman 1-28 Test No. 2 Date 10-6-13
 Company Downing Nelson Oil Inc. Elevation 3049 KB 3044 GL
 Address P.O. Box 1019 Hays KS 67601
 Co. Rep / Geo. Marc Downing Rig Discovery 1
 Location: Sec. 28 Twp. 9 Rge. 31 Co. Thomas State KS

Interval Tested 4452-4500 Zone Tested Pawnee
 Anchor Length 48 Drill Pipe Run 4455 Mud Wt. 9.3
 Top Packer Depth 4448 Drill Collars Run 61 Vis 56
 Bottom Packer Depth 4452 Wt. Pipe Run Φ WL 8.0
 Total Depth 4500 Chlorides 1500 ppm System LCM 1/2
 Blow Description IF: Built to 5" Blow
FS: No Return Blow
FF: Built to 8" Blow
FS: No Return Blow

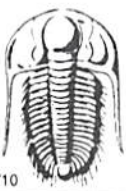
Rec	Feet of	%gas	%oil	%water	%mud
<u>70</u>	<u>0.0m</u>	<u>10</u>		<u>90</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 70 BHT 125 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2274</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>12:00</u>
(B) First Initial Flow <u>22</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>12:35</u>
(C) First Final Flow <u>40</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>02:20</u>
(D) Initial Shut-In <u>1127</u>	<input checked="" type="checkbox"/> Circ Sub	T-Pulled <u>05:20</u>
(E) Second Initial Flow <u>35</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>07:14</u>
(F) Second Final Flow <u>49</u>	<input checked="" type="checkbox"/> Mileage <u>132 RT</u> 158.10	Comments
(G) Final Shut-In <u>1019</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2261</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>45</u>	<input type="checkbox"/> Shale Packer	<input checked="" type="checkbox"/> Ruined Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1733.10</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1733.10</u>	

Approved By _____ Our Representative M. Robert

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **54680**

4/10

Well Name & No. Bixenman 1-28 Test No. 3 Date 10-7-13
 Company Downing Nelson Oil Inc. Elevation 3049 KB 3049 GL
 Address P.O. Box 1019 Hays KS 67601
 Co. Rep / Geo. MARC Downing Rig Discovery 1
 Location: Sec. 28 Twp. 9 Rge. 31 Co. THOMAS State KS

Interval Tested 4496-4545 Zone Tested Myrick Station
 Anchor Length 49' Drill Pipe Run 4499 Mud Wt. 9.3
 Top Packer Depth 4492 Drill Collars Run 61 Vis 56
 Bottom Packer Depth 4496 Wt. Pipe Run φ WL 8.0
 Total Depth 4545 Chlorides 1500 ppm System LCM Y2
 Blow Description IF: Built to 3/4" Blow
IS: No Return Blow
FF: Built to 1/2" Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>45</u>	<u>MUD with slight trace of oil</u>			<u>60</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 45 BHT 125 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2135</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>15:00</u>
(B) First Initial Flow <u>23</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>16:25</u>
(C) First Final Flow <u>34</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>18:15</u>
(D) Initial Shut-In <u>810</u>	<input checked="" type="checkbox"/> Circ Sub <u>NL</u>	T-Pulled <u>20:15</u>
(E) Second Initial Flow <u>35</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>22:14</u>
(F) Second Final Flow <u>42</u>	<input checked="" type="checkbox"/> Mileage <u>132 RT</u> 316.20	Comments <u>loaded tools 10/7 16:45</u>
(G) Final Shut-In <u>790</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2286</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1891.20</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1891.20</u>	

Approved By _____ Our Representative Made Roberts
 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.