

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1233745
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: _____

1233745

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	Black Diamond Oil, Inc.
Well Name	Glennemeier A 1
Doc ID	1233745

All Electric Logs Run

Gamma Ray Correlation
Compensated Density/Neutron
Micro
Dual Induction

LOG # 15-137-20719-00-00
GEOLOGICAL REPORT
 DRILLING TIME AND SAMPLE LOG

COMPANY **Black Diamond Drilling**
 LEASE **Clanman #1**
 ELEVATION
 KB **2266**

LOCATION **3305 S. & 1900' E.**
 SEC **21** TWP **S.5** RGE **21W**
 COUNTY **Norton** STATE **Kansas**

CONTRACTOR **W.H. Drilling Rig #1**
 SPUD **10-24-14** COMP **10-30-14**
 SAMPLES SAVED FROM **3220'** TO **R.T.D.**
 FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATE	A	B	C	D
Alshokrite	1813	1813	403				
Base Alshokrite	1893	1892 + 374					
Topokite	3214	3213	947				
Heebner	3412	3415	1149				
Tarcanta	3442	3441	1125				
Kansing	3461	3461	1195				
Base Kansas City	3474	3474	1320				
Reagan Sand	3498	3498	1433				
Total Depth	3499	3700	1434				

REFERENCE WELLS
 A D.D. Dole, Payne, Williams #1, C-S-E-S.W. Sec. 21-S-5-R1W
 B Hummer #1, Payne, Williams #1, C-N-E-N.E. Sec. 28-S-5-R1W
 C

REMARKS
 This well ran 4 feet higher to 7 feet lower on the casing top than the reference wells. Encouraging results on D.S.T # 3 warranted the cementing of production casing to further test the sand.
 Dickson & Roll
 5-30-14

LEGEND

Anhydrite	Salt	Sandstone	Shale	Carb sh	Limestone	Ool. Lime	Chert	Dolomite

DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
1810				
80				
1900				
3100				
20				
40				
60				
80		LS: tn-gry-sli. ye. fslf dns sh: brn, gry+grn		
3200		LS: tn-gry fslf pr. impart φ N.S.O.		
		LS: tn-gry fslf dns		
20		Sh: gry stly + brn stly		
		LS: tn-gry fslf dns		
40		LS: wh-tn-gry sli. chy-feln mostly fslf pp φ N.S.O. LS: tn-gry fslf dns sh: gry + brn		
60		LS: wh-tn-gry sli. chy-fslf PP φ N.S.O. Δ tn-brn		
		LS: gry fslf dns N.S.O. sh: brn + gry		
80		LS: wh-tn chy-feln-sli fslf pp φ N.S.O. Δ xy kt. gry-tx		
		LS + Δ aa.		
3300		LS: wh-tn chy-feln sli. ool PP φ N.S.O. Ambr + gry		
		LS: wh-tn-gry fslf dns		
20		Sh: blk Carb LS: gry + brn fslf dns		
40		Sh: brn + gry Tr. ss. v. fn. gn. Consol friable ingran φ N.S.O.		
60		LS: wh-tn chy-feln sli. ool pp φ N.S.O.		
80		Sh: brn + gry LS: wh-tn sli. ye. fslf dns RT. Soft blk Carb Sh		
		LS: wh-tn slicky-feln sli. ool. RT. v. sp. ool. friable pp φ Tr. sli. v. sp. tr. fr. soft 0.5 in Tr. pp φ, Tr. fr. rambad 3.0. No odor		
3400		LS: wh-tn sli. chy-feln-sli fslf pp φ Tr. Δ wh		Trilobite Testing
		LS: wh-tn-gry slicky-feln some fslf pr. pp φ N.S.O.		
20		Sh: blk Carb. LS: tn fslf dns		D.S.T #1 3414-3470 30-30-30-30 IF: surface blow FF: No blow Recovery: 55' Mud Hyd: 1648-1632# FP: 17-29/32-43# BHP: 1053-1012# BHTemp: 100°F.
40		Sh: gry stly + brn stly		
60		LS: wh-tn sli. chy-feln-sli fslf pp φ Tr. Δ wh		
80		LS: wh-tn chy-feln sli. ool pp φ Tr. sli. v. sp. tr. fr. soft 0.5 in No odor Δ xy wh-tn		
		Sh: brn + gry		Board 3483.06 Strip 3482.26 Diff. .80 Incline @ 3476' 1/4°
3500		LS: wh-tn sli. chy-feln sli. chy. feln sli. ool. pp φ RT. sli. v. sp. tr. fr. soft 0.5 in No odor		
		Sh: brn + gry LS: wh-tn sli. chy-feln sli. chy. feln pp φ on edges fr. fr. edge stn Tr. Thick sli. fary stn Δ xy wh-tn No odor LS: wh-tn fslf dns N.S.O.		
20		LS: wh-tn chy-feln Tr. sli. ool. pp φ on edges fr. fr. edge stn Tr. Thick sli. fary stn Δ xy wh-tn No odor		
40		LS: wh-tn chy-feln Tr. sli. ool. pp φ on edges fr. fr. edge stn Tr. Thick sli. fary stn Δ xy wh-tn No odor		
60		Sh: blk Carb LS: drk gry mtd fslf dns sh: gry stly + brn		
80		LS: wh-tn v. chy-feln sect. ool pp φ N.S.O. cpl pos w/ it 0 sat fr. on crushing fr. odor		
3600		LS: tn-gry fslf dns LS: wh-tn fr. brn, ye. fslf dns N.S.O. sh: brn + gry		
		LS: wh-tn chy-fslf Tr. pp φ impart φ sect fr. fr. edge stn RT. floating F.O. No odor		
20		Sh: gry + brn		D.S.T #2 3613-3635' 30-30-30-30 IF: wk surface blow FF: No blow Recovery: 1' Mud Hyd: 1806-1720# FP: 15-17/16-17# BHP: 152-70# BHTemp: 101°F.
40		LS: wh-tn sli. chy-fslf pr. pp φ fr. o. stn drk brn floating F.O. No odor sh: gry stly		
60		LS: wh-tn sli. chy-feln dns Tr. asp. spls		
80		Sh: gry stly + brn shly sl. trace brn v. fn. gn. No odor		
		Sh: brn + gry		D.S.T #3 3689-3699' 45-45-45-60 IF: B.O.B. in 35 min. ISI: No blow FF: wk blow incr. to 10" F.S.I: No blow Recovery: 356' Total 335' G.O. 402.6 402.0 21' OCM 207.0 80% M Hyd: 1829-1793# FP: 30-39/108-129# BHP: 980-969# BHTemp: 106°F. Reagan Sand
		LS: wh-tn sli. chy-feln dns		
		Sh: brn, gry, grn		
		LS: wh-tn sli. chy-feln dns sh: gry stly + brn + gry + gen		
		SS clay faced, mtd, pp φ ingran drk. 0 sat abund. a band floating F.O. strong odor		

LOG 7710

QUALITY OILWELL CEMENTING, INC.

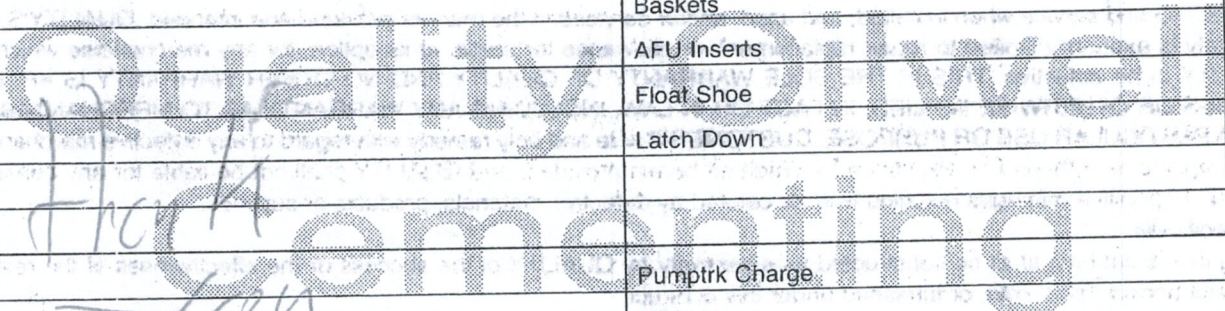
Federal Tax I.D.# 20-2886107

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

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

No. 777

Date	10-21-52	Sec.	21	Twp.	5	Range	21	County	Norton	State	KS	On Location	6:00 PM	Finish	7:45 PM
Lease	Glennement A			Well No.	1		Location	Logan 4W to RD 12 1/4 S							
Contractor	W.W. C			Owner	T.W. 35 Winto										
Type Job	Surface			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.											
Hole Size	12 1/4			T.D.	220		Charge To	Black Diamond							
Csg.	8 5/8			Depth	Street										
Tbg. Size				Depth	City State										
Tool				Depth	The above was done to satisfaction and supervision of owner agent or contractor.										
Cement Left in Csg.	20 ft			Shoe Joint	20 ft		Cement Amount Ordered	150 com							
Meas Line				Displace	12 3/4			340 cc 7% gel							
EQUIPMENT							Common								
Pumptrk	5	No.	Cementer	mat											
			Helper												
Bulktrk	9	No.	Driver												
			Driver												
Bulktrk		No.	Driver	1/50											
			Driver												
JOB SERVICES & REMARKS							Hulls								
Remarks:							Salt								
Rat Hole							Flowseal								
Mouse Hole							Kol-Seal								
Centralizers							Mud CLR 48								
Baskets							CFL-117 or CD110 CAF 38								
D/V or Port Collar							Sand								
Cement Add							Handling								
Calculate							Mileage								
							FLOAT EQUIPMENT								
							Guide Shoe								
							Centralizer								
							Baskets								
							AFU Inserts								
							Float Shoe								
							Latch Down								
							Pumptrk Charge								
							Mileage								
							Tax								
							Discount								
							Total Charge								
X Signature	Mail Bgg														



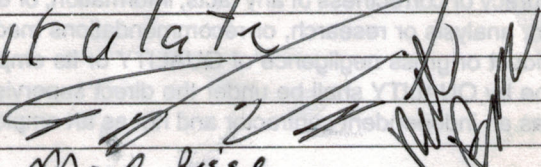
QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 783

Date	10-30-14	Sec.	21	Twp.	5	Range	21	County	Norton	State	KS	On Location	11,30 AM	Finish	3:15 PM
Lease	Glennmeit			Well No.	A #1			Owner	W 35 Winto						
Contractor	WW			6			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	top to Bottom														
Hole Size	7 7/8			T.D.	3699			Charn-	To Black Diamond						
Csg.	5 1/2			Depth	3704			Street							
Tbg. Size				Depth				City	State						
Tool				Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.	32.95 ft			Shoe Joint	32.95 ft			Cement Amount Ordered	150 Com. 10% Salt						
Meas Line	1 5/2			Displace	87.5 BBL			5% Gilsonite							
EQUIPMENT								Common	450 Qmdc Yu flow						
Pumptrk	20	No.		Cementer	Mat #			Pea. Mix	150 com						
Bulktrk	21	No.		Driver	NICK			Gel.							
Bulktrk	9	No.		Driver	Ruan Lonnie			Calcium							
JOB SERVICES & REMARKS								Hulls							
Remarks:	pn														
Rat Hole	30 SK														
Mouse Hole															
Centralizers	1, 3, 5, 7, 9, 11, 13														
Baskets	2, 4, 6, 8, 10														
D/V or Port Collar															
Dropped Bull Circulated 45 min Ran Mud Plug plug Rat hole mixed 580 down hole displaced with water								Handling	621						
LIFT 900 PSI land 1500 PSI Cement did Circulate								Mileage	5 1/2						
								Guide Shoe							
								Centralizer	1 8 turbos						
								Baskets	6						
								AFU Inserts							
								Float Shoe	1						
								Latch Down	1 Rotating Seal						
								Bupper plug							
								Pumptrk Charge	prod string						
								Mileage	69						
								Tax							
								Discount							
								Total Charge							
X Signature	 Mark Bisse														



DRILL STEM TEST REPORT

Prepared For: **Black Diamond Oil Inc.**

P.O. Box 641
Hays, KS 67601

ATTN: Richard Bell

Glennemeier A #1

21-5s-21w Norton,KS

Start Date: 2014.10.27 @ 23:12:00

End Date: 2014.10.28 @ 05:38:00

Job Ticket #: 60744 DST #: 1

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

Printed: 2014.10.31 @ 14:01:57



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Black Diamond Oil Inc.

21-5s-21w Norton, KS

P.O. Box 641
Hays, KS 67601

Glennemeier A #1

Job Ticket: 60744

DST#: 1

ATTN: Richard Bell

Test Start: 2014.10.27 @ 23:12:00

GENERAL INFORMATION:

Formation: **Toronto - LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:44:30

Time Test Ended: 05:38:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Quintana

Unit No: 48

Interval: **3414.00 ft (KB) To 3476.00 ft (KB) (TVD)**

Reference Elevations: 2260.00 ft (KB)

Total Depth: 3476.00 ft (KB) (TVD)

2255.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8647

Inside

Press@RunDepth: 43.10 psig @ 3415.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.27

End Date:

2014.10.28

Last Calib.:

2014.10.28

Start Time: 23:12:01

End Time:

05:38:00

Time On Btm:

2014.10.28 @ 01:40:30

Time Off Btm:

2014.10.28 @ 03:48:30

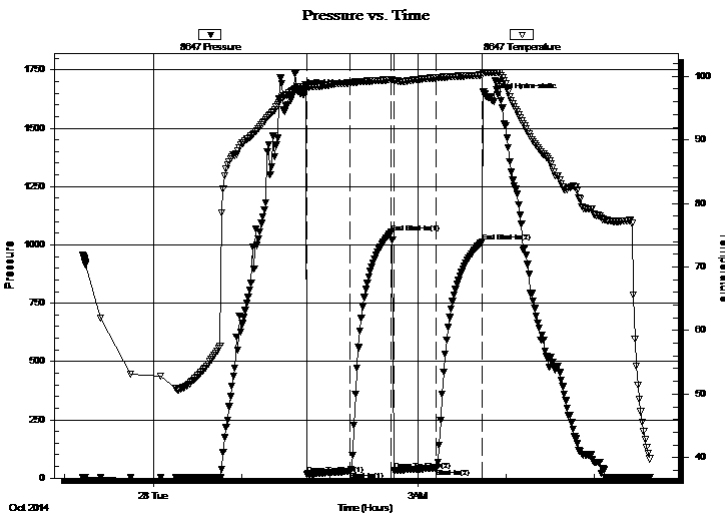
TEST COMMENT: 30 - IF - Opened w/ surface blow , didn't build

30 - ISI - No Return

30 - FF - No Blow

30 - FSI - No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1648.48	98.31	Initial Hydro-static
4	17.11	98.24	Open To Flow (1)
33	29.62	98.99	Shut-In(1)
61	1053.06	99.47	End Shut-In(1)
63	32.64	99.36	Open To Flow (2)
92	43.10	99.78	Shut-In(2)
123	1012.87	100.20	End Shut-In(2)
128	1632.55	100.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
55.00	100% mud	0.27

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Black Diamond Oil Inc.

21-5s-21w Norton,KS

P.O. Box 641
Hays, KS 67601

Glennemeier A #1

Job Ticket: 60744

DST#: 1

ATTN: Richard Bell

Test Start: 2014.10.27 @ 23:12:00

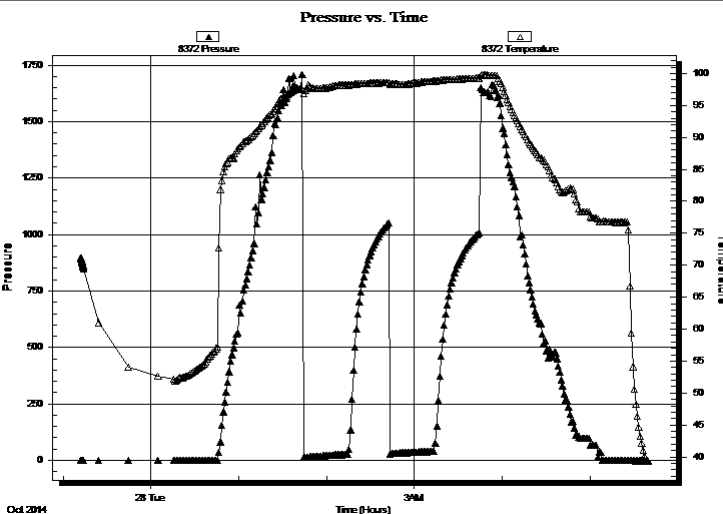
GENERAL INFORMATION:

Formation: **Toronto - LKC "A"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 01:44:30 Tester: Brandon Quintana
 Time Test Ended: 05:38:00 Unit No: 48
 Interval: **3414.00 ft (KB) To 3476.00 ft (KB) (TVD)** Reference Elevations: 2260.00 ft (KB)
 Total Depth: 3476.00 ft (KB) (TVD) 2255.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8372 Outside

Press@RunDepth: psig @ 3415.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.10.27 End Date: 2014.10.28 Last Calib.: 2014.10.28
 Start Time: 23:12:01 End Time: 05:39:30 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30 - IF - Opened w/ surface blow , didn't build
 30 - ISI - No Return
 30 - FF - No Blow
 30 - FSI - No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
55.00	100% mud	0.27

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Black Diamond Oil Inc.

21-5s-21w Norton, KS

P.O. Box 641
Hays, KS 67601

Glennemeier A #1

Job Ticket: 60744

DST#: 1

ATTN: Richard Bell

Test Start: 2014.10.27 @ 23:12:00

Tool Information

Drill Pipe:	Length: 3297.00 ft	Diameter: 3.80 inches	Volume: 46.25 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 122.21 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 35000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.21 ft			String Weight: Initial 30000.00 lb
Depth to Top Packer:	3414.00 ft			Final 30000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.00 ft			
Tool Length:	82.00 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			3395.00	
Shut In Tool	5.00			3400.00	
Hydraulic tool	5.00		Inside	3405.00	
Packer	5.00			3410.00	20.00 Bottom Of Top Packer
Packer	4.00			3414.00	
Stubb	1.00			3415.00	
Recorder	0.00	8647	Inside	3415.00	
Recorder	0.00	8372	Outside	3415.00	
Perforations	25.00			3440.00	
Change Over Sub	1.00			3441.00	
Drill Pipe	31.00			3472.00	
Change Over Sub	1.00			3473.00	
Bullnose	3.00			3476.00	62.00 Bottom Packers & Anchor

Total Tool Length: 82.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Black Diamond Oil Inc.

21-5s-21w Norton,KS

P.O. Box 641
Hays, KS 67601

Glennemeier A #1

Job Ticket: 60744

DST#: 1

ATTN: Richard Bell

Test Start: 2014.10.27 @ 23:12:00

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
55.00	100%mud	0.270

Total Length: 55.00 ft Total Volume: 0.270 bbl

Num Fluid Samples: 0

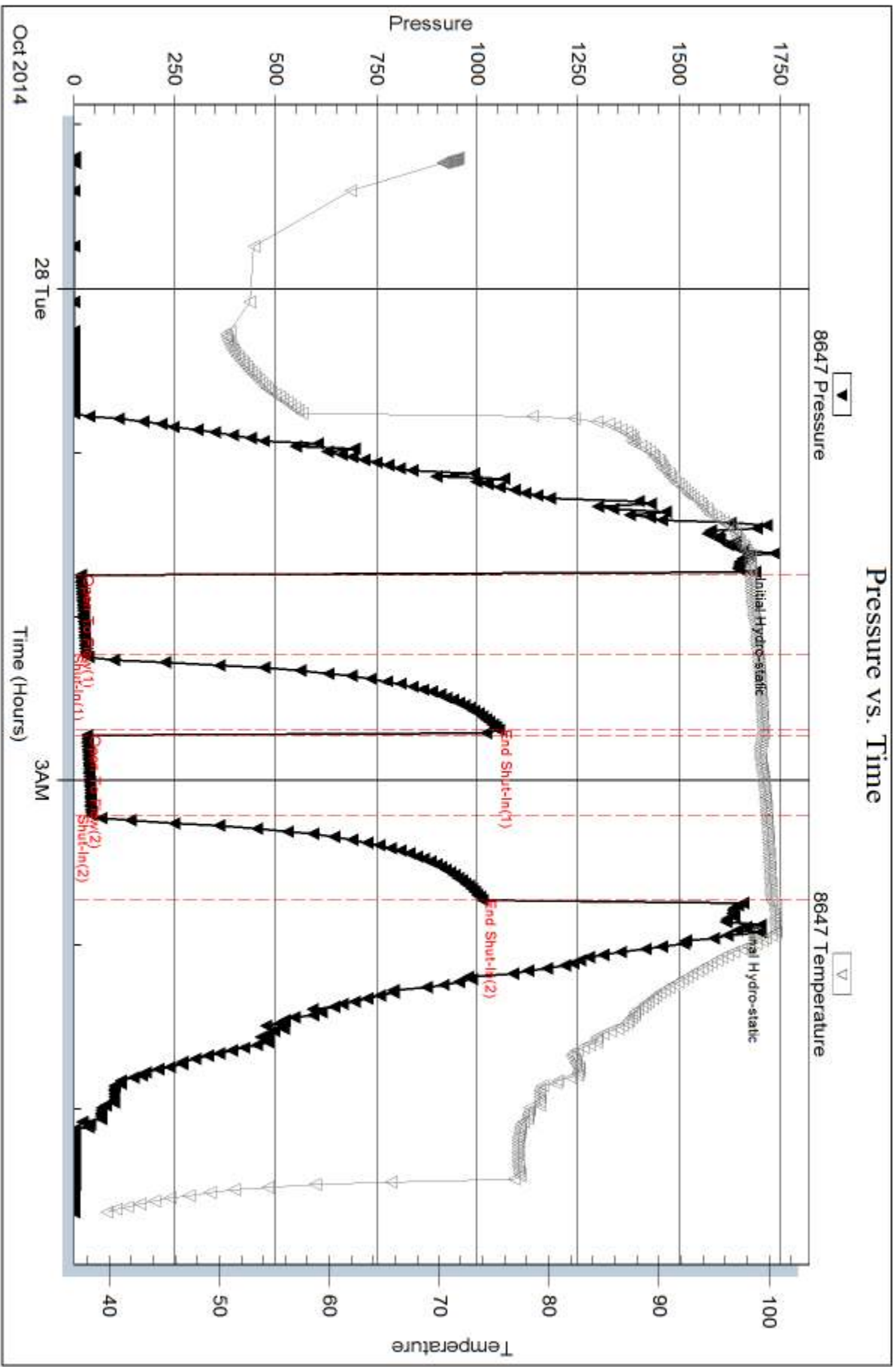
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

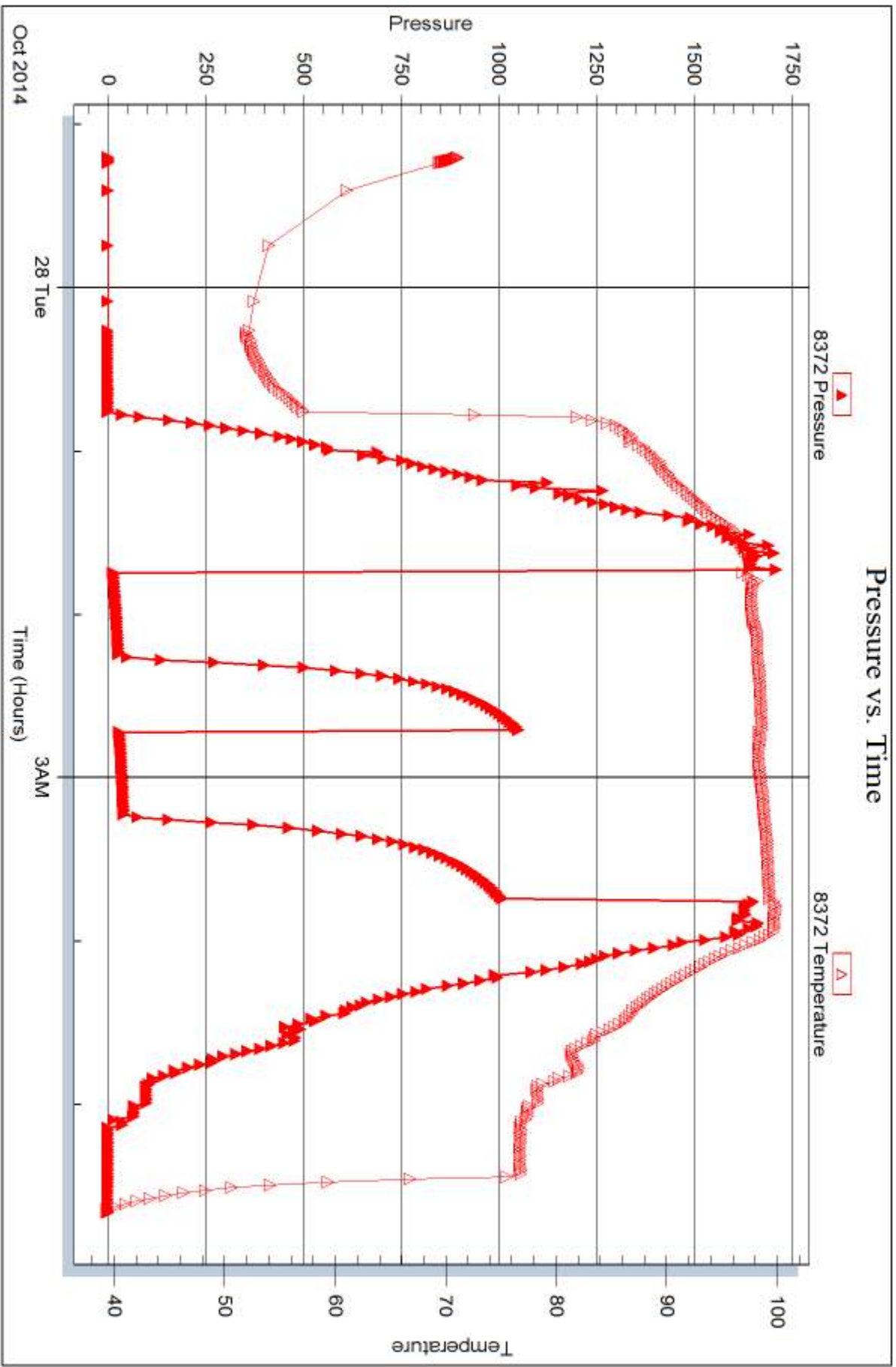


Serial #: 8372

Outside Black Diamond Oil Inc.

Glennmeier A #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 60744

Printed: 2014, 10, 31 @ 14:01:58



DRILL STEM TEST REPORT

Prepared For: **Black Diamond Oil Inc.**

P.O. Box 641
Hays, KS 67601

ATTN: Richard Bell

Glennemeier A #1

21-5s-21w Norton,KS

Start Date: 2014.10.28 @ 12:21:00

End Date: 2014.10.28 @ 18:24:30

Job Ticket #: 60745 DST #: 2

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

Printed: 2014.10.31 @ 14:01:36



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Black Diamond Oil Inc.

21-5s-21w Norton, KS

P.O. Box 641
Hays, KS 67601

Glennemeier A #1

Job Ticket: 60745

DST#: 2

ATTN: Richard Bell

Test Start: 2014.10.28 @ 12:21:00

GENERAL INFORMATION:

Formation: **LKC "K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:44:30

Time Test Ended: 18:24:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Quintana

Unit No: 48

Interval: 3613.00 ft (KB) To 3635.00 ft (KB) (TVD)

Reference Elevations: 2260.00 ft (KB)

Total Depth: 3635.00 ft (KB) (TVD)

2255.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8647

Inside

Press@RunDepth: 17.51 psig @ 3614.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.28

End Date:

2014.10.28

Last Calib.:

2014.10.29

Start Time: 12:21:01

End Time:

18:24:30

Time On Btm:

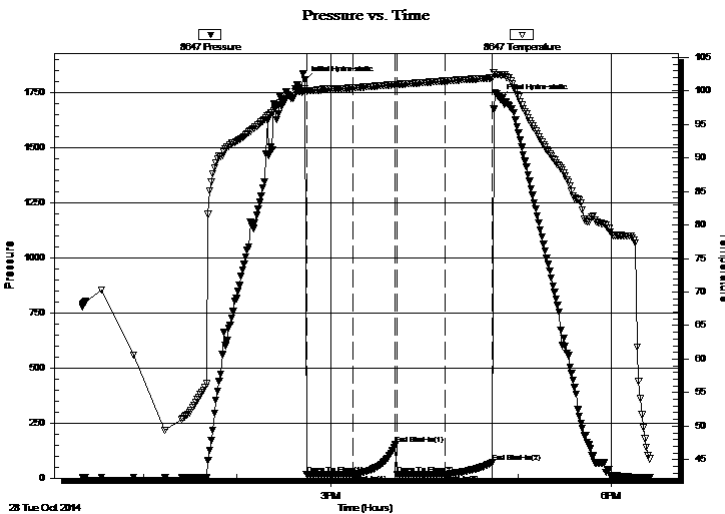
2014.10.28 @ 14:43:30

Time Off Btm:

2014.10.28 @ 16:48:30

TEST COMMENT: 30 - IF - Opened w/ surface blow , didn't build
30 - ISI - No Return
30 - FF - No Blow
30 - FSI - No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1806.02	100.31	Initial Hydro-static
1	15.90	100.08	Open To Flow (1)
31	17.15	100.46	Shut-In(1)
58	152.52	100.94	End Shut-In(1)
59	16.81	100.91	Open To Flow (2)
90	17.51	101.49	Shut-In(2)
120	70.12	101.93	End Shut-In(2)
125	1720.83	102.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	100%m	0.00

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Black Diamond Oil Inc.

21-5s-21w Norton, KS

P.O. Box 641
Hays, KS 67601

Glennemeier A #1

Job Ticket: 60745 **DST#: 2**

ATTN: Richard Bell

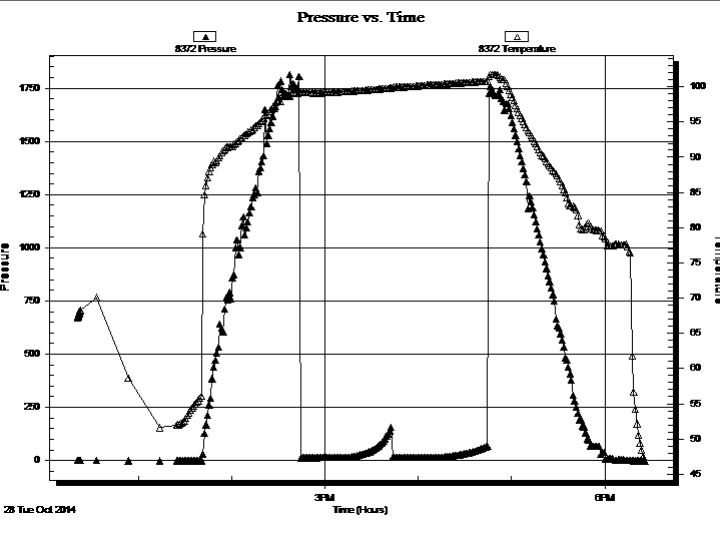
Test Start: 2014.10.28 @ 12:21:00

GENERAL INFORMATION:

Formation: **LKC "K"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:44:30
 Time Test Ended: 18:24:30
 Interval: **3613.00 ft (KB) To 3635.00 ft (KB) (TVD)**
 Total Depth: 3635.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brandon Quintana
 Unit No: 48
 Reference Elevations: 2260.00 ft (KB)
 2255.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8372 Outside
 Press@RunDepth: psig @ 3614.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.10.28 End Date: 2014.10.28 Last Calib.: 2014.10.29
 Start Time: 12:21:01 End Time: 18:25:30 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30 - IF - Opened w/ surface blow , didn't build
 30 - ISI - No Return
 30 - FF - No Blow
 30 - FSI - No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
1.00	100%m	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Black Diamond Oil Inc.

21-5s-21w Norton,KS

P.O. Box 641
Hays, KS 67601

Glennemeier A #1

Job Ticket: 60745

DST#: 2

ATTN: Richard Bell

Test Start: 2014.10.28 @ 12:21:00

Tool Information

Drill Pipe:	Length: 3484.00 ft	Diameter: 3.80 inches	Volume: 48.87 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 122.21 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.21 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3613.00 ft			Final 35000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	42.00 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			3594.00	
Shut In Tool	5.00			3599.00	
Hydraulic tool	5.00		Inside	3604.00	
Packer	5.00			3609.00	20.00 Bottom Of Top Packer
Packer	4.00			3613.00	
Stubb	1.00			3614.00	
Recorder	0.00	8647	Inside	3614.00	
Recorder	0.00	8372	Outside	3614.00	
Perforations	18.00			3632.00	
Bullnose	3.00			3635.00	22.00 Bottom Packers & Anchor
Total Tool Length:	42.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Black Diamond Oil Inc.

21-5s-21w Norton,KS

P.O. Box 641
Hays, KS 67601

Glennemeier A #1

Job Ticket: 60745

DST#: 2

ATTN: Richard Bell

Test Start: 2014.10.28 @ 12:21:00

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: 7.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
1.00	100%m	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

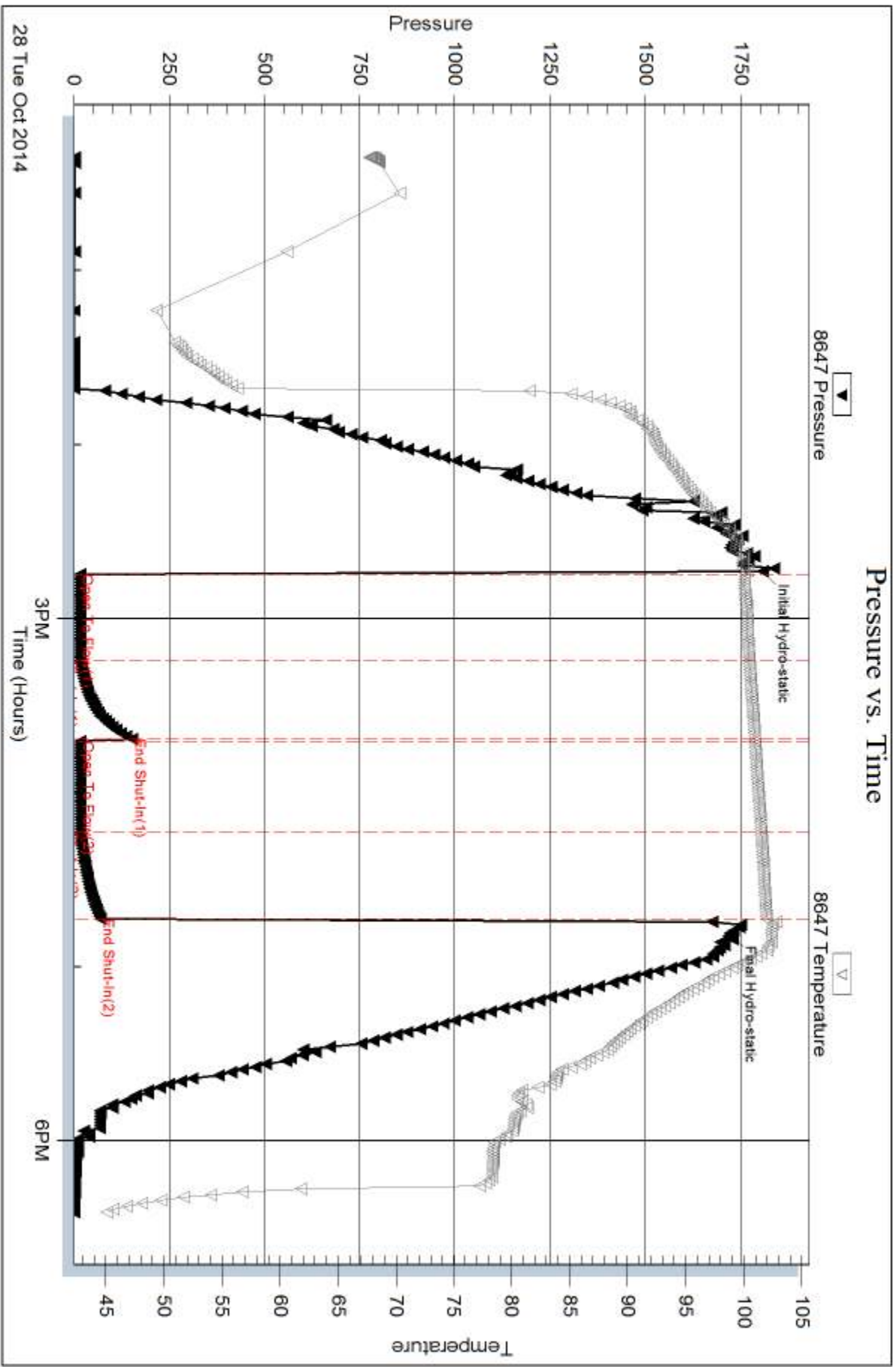
Serial #: 8647

Inside

Black Diamond Oil Inc.

Glennmeier A #1

DST Test Number: 2



28 Tue Oct 2014

Trilobite Testing, Inc

Ref. No: 60745

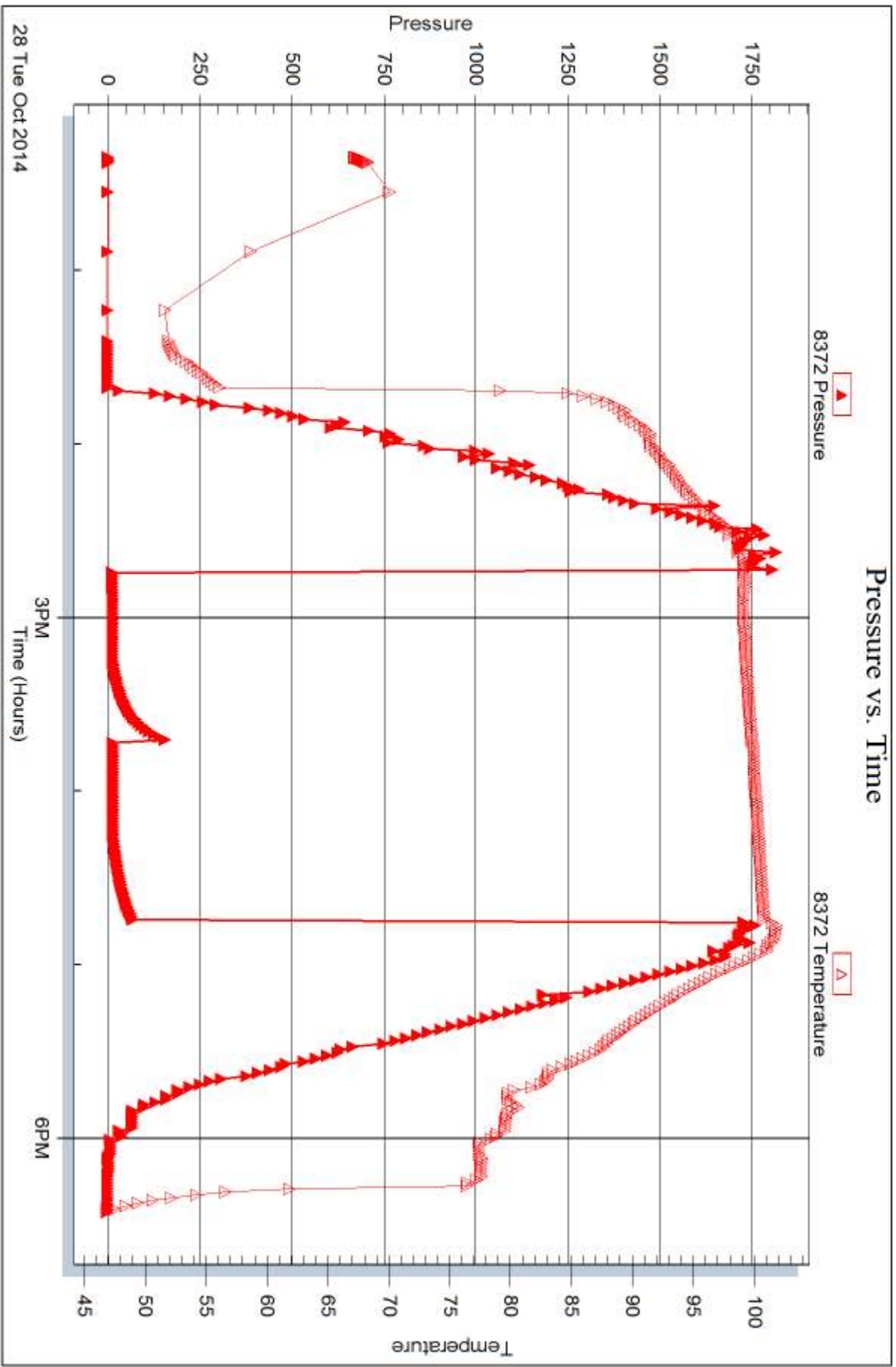
Printed: 2014,10,31 @ 14:01:37

Serial #: 8372

Outside Black Diamond Oil Inc.

Glennmeier A #1

DST Test Number: 2



28 Tue Oct 2014

Trilobite Testing, Inc

Ref. No: 60745

Printed: 2014, 10, 31 @ 14:01:37



DRILL STEM TEST REPORT

Prepared For: **Black Diamond Oil Inc.**

P.O. Box 641
Hays, KS 67601

ATTN: Richard Bell

Glennemeier A #1

21-5s-21w Norton,KS

Start Date: 2014.10.29 @ 16:51:00

End Date: 2014.10.30 @ 00:04:00

Job Ticket #: 60746 DST #: 3

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

Printed: 2014.10.31 @ 14:00:54



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Black Diamond Oil Inc.

21-5s-21w Norton, KS

P.O. Box 641
Hays, KS 67601

Glennemeier A #1

Job Ticket: 60746

DST#: 3

ATTN: Richard Bell

Test Start: 2014.10.29 @ 16:51:00

GENERAL INFORMATION:

Formation: **Bsl Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:26:30

Time Test Ended: 00:04:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Quintana

Unit No: 48

Interval: 3689.00 ft (KB) To 3699.00 ft (KB) (TVD)

Reference Elevations: 2260.00 ft (KB)

Total Depth: 3699.00 ft (KB) (TVD)

2255.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8647

Inside

Press@RunDepth: 129.87 psig @ 3690.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.29

End Date:

2014.10.30

Last Calib.: 2014.10.30

Start Time: 16:51:01

End Time:

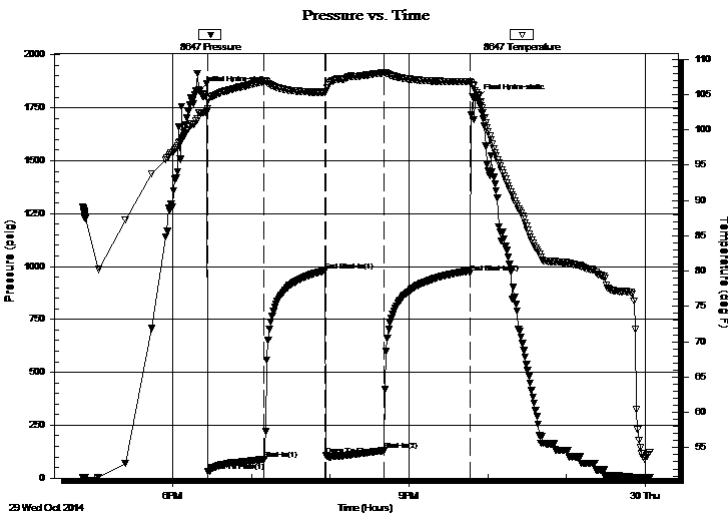
00:04:00

Time On Btm: 2014.10.29 @ 18:20:30

Time Off Btm: 2014.10.29 @ 21:51:30

TEST COMMENT: 45 - IF - Opened w/ surface blow , built to
45 - ISI - No Return
45 - FF - Blow built to 10" over the 45 min.
60 - FSI - No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1829.42	102.42	Initial Hydro-static
6	30.84	102.95	Open To Flow (1)
49	89.53	106.83	Shut-In(1)
95	980.23	105.30	End Shut-In(1)
96	108.33	105.42	Open To Flow (2)
140	129.87	108.05	Shut-In(2)
206	969.18	106.78	End Shut-In(2)
211	1793.80	105.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
21.00	OCM 80% m, 20% o	0.10
335.00	GO 60% g, 40% o	3.78

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Black Diamond Oil Inc.

21-5s-21w Norton,KS

P.O. Box 641
Hays, KS 67601

Glennemeier A #1

Job Ticket: 60746

DST#: 3

ATTN: Richard Bell

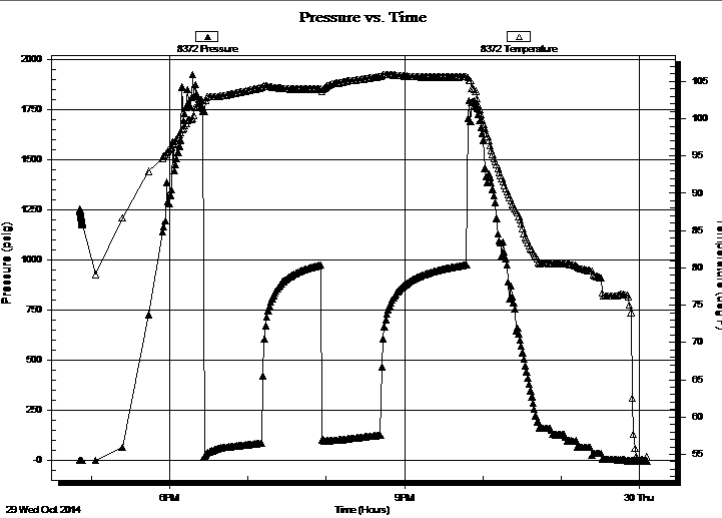
Test Start: 2014.10.29 @ 16:51:00

GENERAL INFORMATION:

Formation: **Bsl Sand**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 18:26:30
 Tester: Brandon Quintana
 Time Test Ended: 00:04:00
 Unit No: 48
Interval: 3689.00 ft (KB) To 3699.00 ft (KB) (TVD)
 Reference Elevations: 2260.00 ft (KB)
 Total Depth: 3699.00 ft (KB) (TVD)
 2255.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 5.00 ft

Serial #: 8372 Outside
 Press@RunDepth: psig @ 3690.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.10.29 End Date: 2014.10.30 Last Calib.: 2014.10.30
 Start Time: 16:51:01 End Time: 00:05:30 Time On Btm:
 Time Off Btm:

TEST COMMENT: 45 - IF - Opened w/ surface blow , built to
 45 - ISI - No Return
 45 - FF - Blow built to 10" over the 45 min.
 60 - FSI - No Return



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

Recovery		
Length (ft)	Description	Volume (bbl)
21.00	OCM 80% m, 20% o	0.10
335.00	GO 60% g, 40% o	3.78

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Black Diamond Oil Inc.

21-5s-21w Norton,KS

P.O. Box 641
Hays, KS 67601

Glennemeier A #1

Job Ticket: 60746

DST#: 3

ATTN: Richard Bell

Test Start: 2014.10.29 @ 16:51:00

Tool Information

Drill Pipe:	Length: 3574.00 ft	Diameter: 3.80 inches	Volume: 50.13 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 122.21 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.21 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3689.00 ft			Final 37000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	31.00 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			3670.00	
Shut In Tool	5.00			3675.00	
Hydraulic tool	5.00		Inside	3680.00	
Packer	5.00			3685.00	20.00 Bottom Of Top Packer
Packer	4.00			3689.00	
Stubb	1.00			3690.00	
Recorder	0.00	8647	Inside	3690.00	
Recorder	0.00	8372	Outside	3690.00	
Perforations	7.00			3697.00	
Bullnose	3.00			3700.00	11.00 Bottom Packers & Anchor
Total Tool Length:	31.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Black Diamond Oil Inc.

21-5s-21w Norton,KS

P.O. Box 641
Hays, KS 67601

Glennemeier A #1

Job Ticket: 60746

DST#: 3

ATTN: Richard Bell

Test Start: 2014.10.29 @ 16:51:00

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
21.00	OCM 80%m, 20%o	0.103
335.00	GO 60%g, 40%o	3.777

Total Length: 356.00 ft

Total Volume: 3.880 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8647

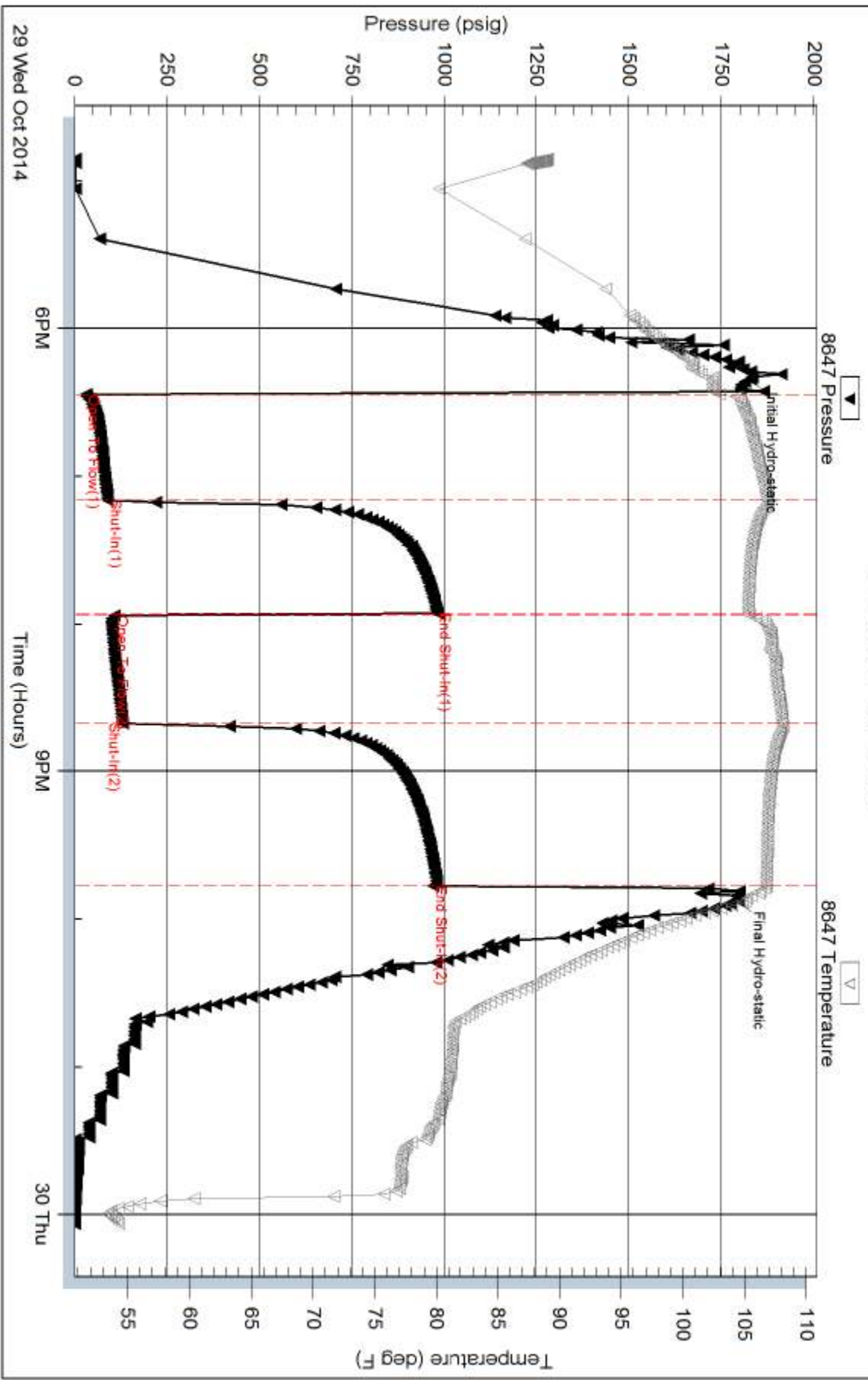
Inside

Black Diamond Oil Inc.

Glennmeier A #1

DST Test Number: 3

Pressure vs. Time

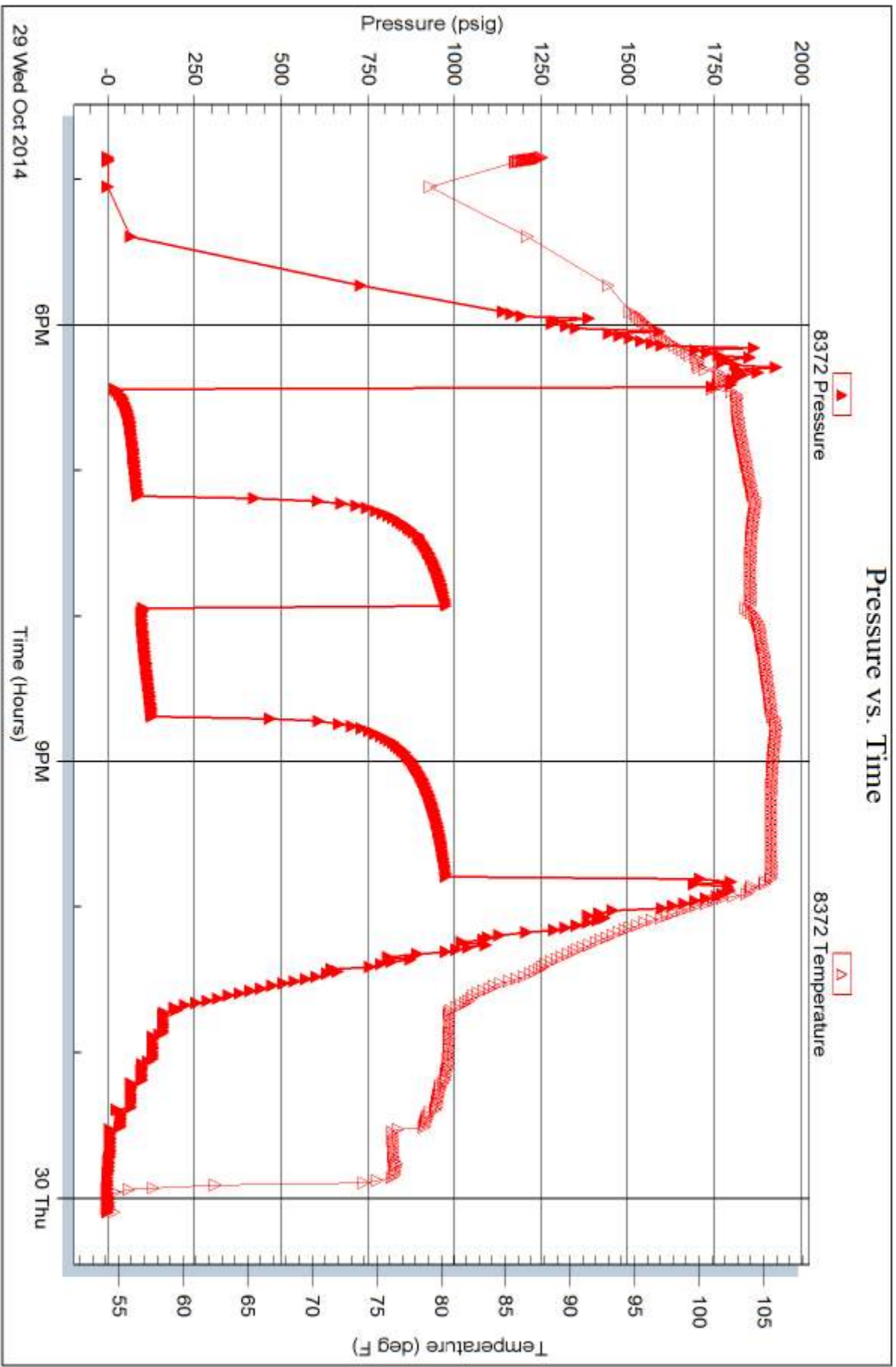


Serial #: 8372

Outside Black Diamond Oil Inc.

Glennmeier A #1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 60746

Printed: 2014, 10, 31 @ 14:00:55



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 60744

4/10

Well Name & No. Glennemeier A #1 Test No. 1 Date 10-27-14
 Company Black Diamond Oil Inc. Elevation 2260 KB 2255 GL
 Address P.O. Box 641 Hays, KS 67601
 Co. Rep / Geo. Richard Bell Rig WW #6
 Location: Sec. 21 Twp. 5S Rge. 21W Co. Norton State KS

Interval Tested 3414-3476 Zone Tested Toronto + LKC "A"
 Anchor Length 62' Drill Pipe Run 3297 Mud Wt. 8.8
 Top Packer Depth 3409 Drill Collars Run 122.21 Vis 57
 Bottom Packer Depth 3414 Wt. Pipe Run — WL 8.8
 Total Depth 3476 Chlorides 500 ppm System LCM 2 1/2
 Blow Description IF- Opened w/ surface blow, didn't build.
ISI- No Return
FF- No Blow
FSI- No Return

Rec	Feet of	%gas	%oil	%water	%mud
55	mud			100	

Rec Total 55 BHT 100 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1648 Test 1150 T-On Location 10:51 PM
 (B) First Initial Flow 17 Jars N/A T-Started 11:12 PM
 (C) First Final Flow 29 Safety Joint N/A T-Open 1:45 AM
 (D) Initial Shut-In 1053 Circ Sub _____ T-Pulled 3:45 AM
 (E) Second Initial Flow 32 Hourly Standby _____ T-Out 5:40 AM
 (F) Second Final Flow 43 Mileage 136 R.T 210.80 Comments Rotated
 (G) Final Shut-In 1012 Sampler _____
 (H) Final Hydrostatic 1632 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1360.80
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1360.80

Approved By Richard Bell Our Representative Barb Oit

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. 60745

4/10

Well Name & No. Glennemeier A #1 Test No. 2 Date 10-29-14
 Company Black Diamond Oil Inc. Elevation 2260 KB 2255 GL
 Address P.O. Box 641 Hays, KS 67601
 Co. Rep / Geo. Richard Bell Rig WW #6
 Location: Sec. 21 Twp. 5S Rge. 21W Co. Norton State KS

Interval Tested 3613-3635 Zone Tested LKC "12"
 Anchor Length 22' Drill Pipe Run 3484 Mud Wt. 9.4
 Top Packer Depth 3608 Drill Collars Run 122.21 Vis 52
 Bottom Packer Depth 3613- Wt. Pipe Run — WL 7.6
 Total Depth 3635 Chlorides 500 ppm System LCM 2

Blow Description IF - Opened w/ surface blow, didn't build
ISI - No Return
FF - No Blow
FSI - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>Mud</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	Feet of	%gas	%oil	%water	%mud

Rec Total 1 BHT 101 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1806 Test 1150 T-On Location 12:15 AM
 (B) First Initial Flow 15 Jars _____ T-Started 12:21 AM
 (C) First Final Flow 17 Safety Joint _____ T-Open 2:45 AM
 (D) Initial Shut-In 152 Circ Sub _____ T-Pulled 4:45 AM
 (E) Second Initial Flow 16 Hourly Standby _____ T-Out 6:27 AM
 (F) Second Final Flow 17 Mileage 136 R.T. 210.80 Comments _____
 (G) Final Shut-In 70 Sampler _____
 (H) Final Hydrostatic 1720 Straddle _____

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1360.80
 Total 1360.80
 MP/DST Disc't _____

Approved By Richard Bell Our Representative Bud At



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **60746**

Well Name & No. Glennemeier A #1 Test No. 3 Date 10-29-14
 Company Black Diamond Oil Inc. Elevation 2260 KB 2255 GL
 Address P.O. Box 641 Hays, KS 67601
 Co. Rep / Geo. Richard Bell Rig WW #6
 Location: Sec. 21 Twp. 5S Rge. 21W Co. Norton State KS

Interval Tested 3689 - 3699 Zone Tested Bsl Sand
 Anchor Length 10' Drill Pipe Run 3574 Mud Wt. 9.4
 Top Packer Depth 3684 Drill Collars Run 122.21 Vis 51
 Bottom Packer Depth 3689 Wt. Pipe Run — WL 8
 Total Depth 3699 Chlorides 500 ppm System LCM 2
 Blow Description IF - Opened w/ surface blow, built to B.o.B in 35 min.
ISI - No Return
FF - Blow built to 10' over the 45 min.
FSI - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>335</u>	<u>60</u>	<u>60</u>	<u>40</u>		
<u>21</u>	<u>0cm</u>		<u>20</u>		<u>80</u>

Rec Total 356 BHT 106 Gravity N/A API RW @ — °F Chlorides — ppm
 (A) Initial Hydrostatic 1829 Test 1150 T-On Location 4:43 PM
 (B) First Initial Flow 30 Jars — T-Started 4:51 PM
 (C) First Final Flow 89 Safety Joint — T-Open 6:26 PM
 (D) Initial Shut-In 980 Circ Sub — T-Pulled 9:41 PM
 (E) Second Initial Flow 108 Hourly Standby — T-Out 12:06 AM
 (F) Second Final Flow 129 Mileage 136 R.T 210.80 Comments Picked up tool
 (G) Final Shut-In 969 Sampler — after test @ 12:45 AM
 (H) Final Hydrostatic 1793 Straddle —
 Ruined Shale Packer —
 Ruined Packer —
 Extra Packer —
 Extra Recorder —
 Day Standby —
 Accessibility —
 Sub Total 1360.80 MP/DST Disc't —

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60
 Approved By Richard Bell Our Representative Bud Olt

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.