



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1214599  
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: \_\_\_\_\_



1214599

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
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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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# 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. 552

Date	Sec.	Twp.	Range	County	State	On Location	Finish
7-3-14	3	13s	14w	Russell	KANSAS		7:00 AM

Lease	Well No.	Owner
KRUG "A"	#1	To Quality Oilwell Cementing, Inc.

Contractor	Job	Charge To
Royal DR.G. Rig # 2	Long Surface	PROSPECT OIL & GAS.

Hole Size	T.D.	Street
12 1/4	637	

Csg.	Depth	City	State
8 5/8 New			

Tbg. Size	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
23# csg,			

Tool	Depth	Cement Amount Ordered
		275 SX Com.

Cement Left in Csg.	Shoe Joint	
20'	20'	

Meas Line	Displace	
	39 1/2 BBL	2% Gel 3% cc

**EQUIPMENT**

Pumptrk #18	No. Cementer	Helper	Common
		GLYNN G.	
Bulktrk #14	No. Driver	CLAYTON B.	Poz. Mix
Bulktrk	No. Driver		Gel.
	No. Driver		Calcium

**JOB SERVICES & REMARKS**

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling
	Mileage

Ran 15 New Joints of 23# 8 5/8 csg.  
Set @ 637'  
Received Circulation of Cement  
w/ 275 SX Com. 342.  
Dakota Rubber Wiper Plug  
Displaced a total of 39 1/2 BBL  
H<sub>2</sub>O. Shut in @ 350#.

**FLOAT EQUIPMENT**

Cement D.D. Circulate to Surface	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	Solid Rubber Plug
	Pumptrk Charge
	Mileage

THANKS  
Tom Blake

Tax
Discount
Total Charge

X 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. 557

Date	Sec.	Twp.	Range	County	State	On Location	Finish
7-12-2014	3	13	14	Russell	Kansas		4:35 AM
Lease				Location			
KRUGG "A"				Russell KS, Wilson Supply 2N 1E 3N EINTO			

Well No. #1	Owner
Rig # 2	To Quality Oilwell Cementing, Inc.
Type Job PRODUCTION STRING 3124 LTD	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 7 7/8	Charge To PROSPECT OIL & GAS CORP.
Csg. 5 1/2 New	Street
Tbg. Size 14# csg.	City
Tool LATCH DOWN Plug Assy	State
Cement Left in Csg. 18.69	The above was done to satisfaction and supervision of owner agent or contractor.
Meas Line Displace 75.75 / 884	Cement Amount Ordered 180 sx Com. 10% SALT 5% GILSONITE

**EQUIPMENT**

Pumptrk 18	No.	Cementer	GLENN G.
		Helper	CODY B.
Bulktrk 3	No.	Driver	CHAD M.
		Driver	
Bulktrk	No.	Driver	
		Driver	

**JOB SERVICES & REMARKS**

Remarks:

Rat Hole 30 SX

Mouse Hole 15 SX

Centralizers 1-9 11, 13, 15

Baskets @ Shoe JT.

D/V or Port Collar

RAN 75' NEW JOINTS OF 14# csg.

Set @ 3123', Received circulation

Drop 'AFU' BALL. Circulate 1 HR

LET OFF BOTTOM. Pump Mud

FLUSH, & Cement w/ 180 SX

SX Com. 10% SALT, 5% Gilsonite,

Clear-Line, Release LATCH-

Down Plug, & Displace a

TOTAL OF 75 3/4 BBL H2O

LAND Plug @ 1500 #F.

Release Pressure of AFU-Plug

Held!

**FLOAT EQUIPMENT**

Common	
Poz. Mix	
Gel.	
Calcium	
Hulls	
Salt	
Flowseal	
Kol-Seal	
Mud CLR 48 X 500 Gal	
CFL-117 or CD110 CAF 38 KCL-20BBL	
Sand	
Handling	
Mileage	
Guide Shoe	
Centralizer TURBO X12	
Baskets X1	
AFU Inserts	
Float Shoe X1	
Latch Down X1	
Pumptrk Charge	
Mileage	

THANK'S!

Signature

Tax	
Discount	
Total Charge	



## DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Corp**

PO Box 837  
Russell KS 67665-0837

ATTN: Brad Hutchison

### **Krug A #1**

#### **3-13s-14w Russell,KS**

Start Date: 2014.07.09 @ 14:35:18

End Date: 2014.07.09 @ 20:09:12

Job Ticket #: 59325                      DST #: 1

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.07.15 @ 08:01:39



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Prospect Oil & Gas Corp  
 PO Box 837  
 Russell KS 67665-0837  
 ATTN: Brad Hutchison

**3-13s-14w Russell,KS**  
**Krug A #1**  
 Job Ticket: 59325 **DST#: 1**  
 Test Start: 2014.07.09 @ 14:35:18

## GENERAL INFORMATION:

Formation: **Toronto - LKC A**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 15:54:13  
 Time Test Ended: 20:09:12  
 Interval: **2705.00 ft (KB) To 2780.00 ft (KB) (TVD)**  
 Total Depth: 2780.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Ray Schwager  
 Unit No: 70  
 Reference Elevations: 1600.00 ft (KB)  
 1593.00 ft (CF)  
 KB to GR/CF: 7.00 ft

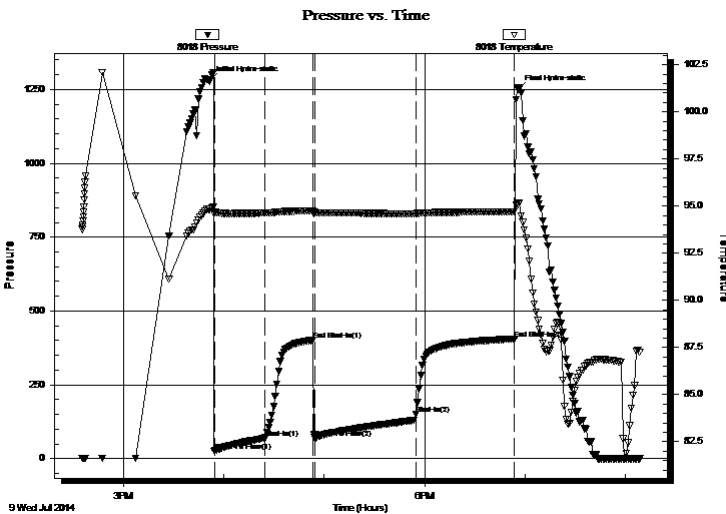
## Serial #: 8018

Inside

Press@RunDepth: 149.54 psig @ 2714.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.07.09 End Date: 2014.07.09 Last Calib.: 2014.07.09  
 Start Time: 14:35:18 End Time: 20:09:12 Time On Btm: 2014.07.09 @ 15:51:13  
 Time Off Btm: 2014.07.09 @ 18:56:12

TEST COMMENT: 30-IFP-strg bl in 3 min  
 30-ISIP-no bl  
 60-FFP-strg bl in 1 min  
 60-FSIP-1" bl bk

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1279.09	94.83	Initial Hydro-static
3	24.03	94.63	Open To Flow (1)
34	70.21	94.63	Shut-In(1)
62	401.11	94.75	End Shut-In(1)
63	70.63	94.66	Open To Flow (2)
124	149.54	94.60	Shut-In(2)
183	405.19	94.68	End Shut-In(2)
185	1249.39	95.11	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	1640'GIP	0.00
95.00	HO&GCM 25%G35%O40%M	1.33
186.00	MGO 25%G25%M50%O	2.61

## Gas Rates

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



# DRILL STEM TEST REPORT

Prospect Oil & Gas Corp

**3-13s-14w Russell,KS**

PO Box 837  
Russell KS 67665-0837

**Krug A #1**

Job Ticket: 59325 **DST#: 1**

ATTN: Brad Hutchison

Test Start: 2014.07.09 @ 14:35:18

### GENERAL INFORMATION:

Formation: **Toronto - LKC A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:54:13

Time Test Ended: 20:09:12

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 70

**Interval: 2705.00 ft (KB) To 2780.00 ft (KB) (TVD)**

Reference Elevations: 1600.00 ft (KB)

Total Depth: 2780.00 ft (KB) (TVD)

1593.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 8678 Outside**

Press@RunDepth: psig @ 2714.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.09

End Date: 2014.07.09

Last Calib.: 2014.07.09

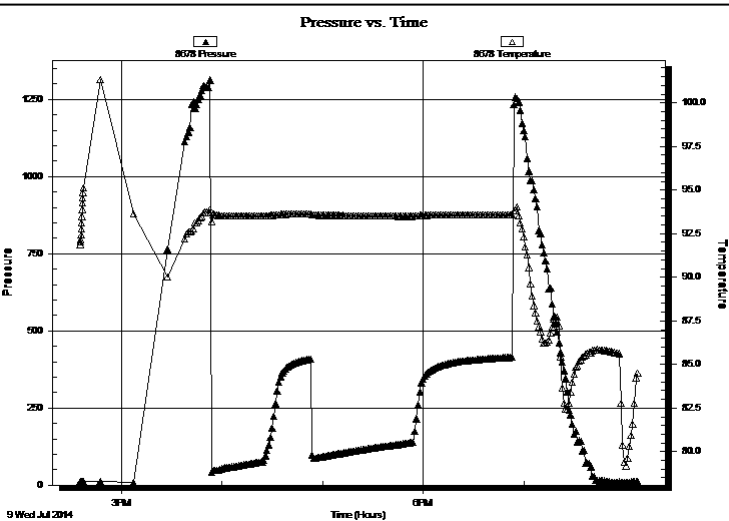
Start Time: 14:35:22

End Time: 20:08:16

Time On Btm:

Time Off Btm:

**TEST COMMENT:** 30-IFP-strg bl in 3 min  
30-ISIP-no bl  
60-FFP-strg bl in 1 min  
60-FSIP-1" bl bk



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
0.00	1640'GIP	0.00
95.00	HO&GCM 25%G35%O40%M	1.33
186.00	MGO 25%G25%M50%O	2.61

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Prospect Oil & Gas Corp

**3-13s-14w Russell,KS**

PO Box 837  
Russell KS 67665-0837

**Krug A #1**

Job Ticket: 59325

**DST#: 1**

ATTN: Brad Hutchison

Test Start: 2014.07.09 @ 14:35:18

## Tool Information

Drill Pipe:	Length: 2689.00 ft	Diameter: 3.80 inches	Volume: 37.72 bbl	Tool Weight: 2200.00 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: 45000.00 lb
			<u>Total Volume: 37.72 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	2705.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	96.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			2685.00	
Shut In Tool	5.00			2690.00	
Hydraulic tool	5.00			2695.00	
Packer	5.00			2700.00	21.00 Bottom Of Top Packer
Packer	5.00			2705.00	
Stubb	1.00			2706.00	
Perforations	8.00			2714.00	
Recorder	0.00	8018	Inside	2714.00	
Recorder	0.00	8678	Outside	2714.00	
Blank Spacing	63.00			2777.00	
Bullnose	3.00			2780.00	75.00 Bottom Packers & Anchor

**Total Tool Length: 96.00**





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Prospect Oil & Gas Corp

**3-13s-14w Russell,KS**

PO Box 837  
Russell KS 67665-0837

**Krug A #1**

Job Ticket: 59325

**DST#: 1**

ATTN: Brad Hutchison

Test Start: 2014.07.09 @ 14:35:18

## 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: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.92 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1640'GIP	0.000
95.00	HO&GCM 25%G35%O40%M	1.333
186.00	MGO 25%G25%M50%O	2.609

Total Length: 281.00 ft      Total Volume: 3.942 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8018

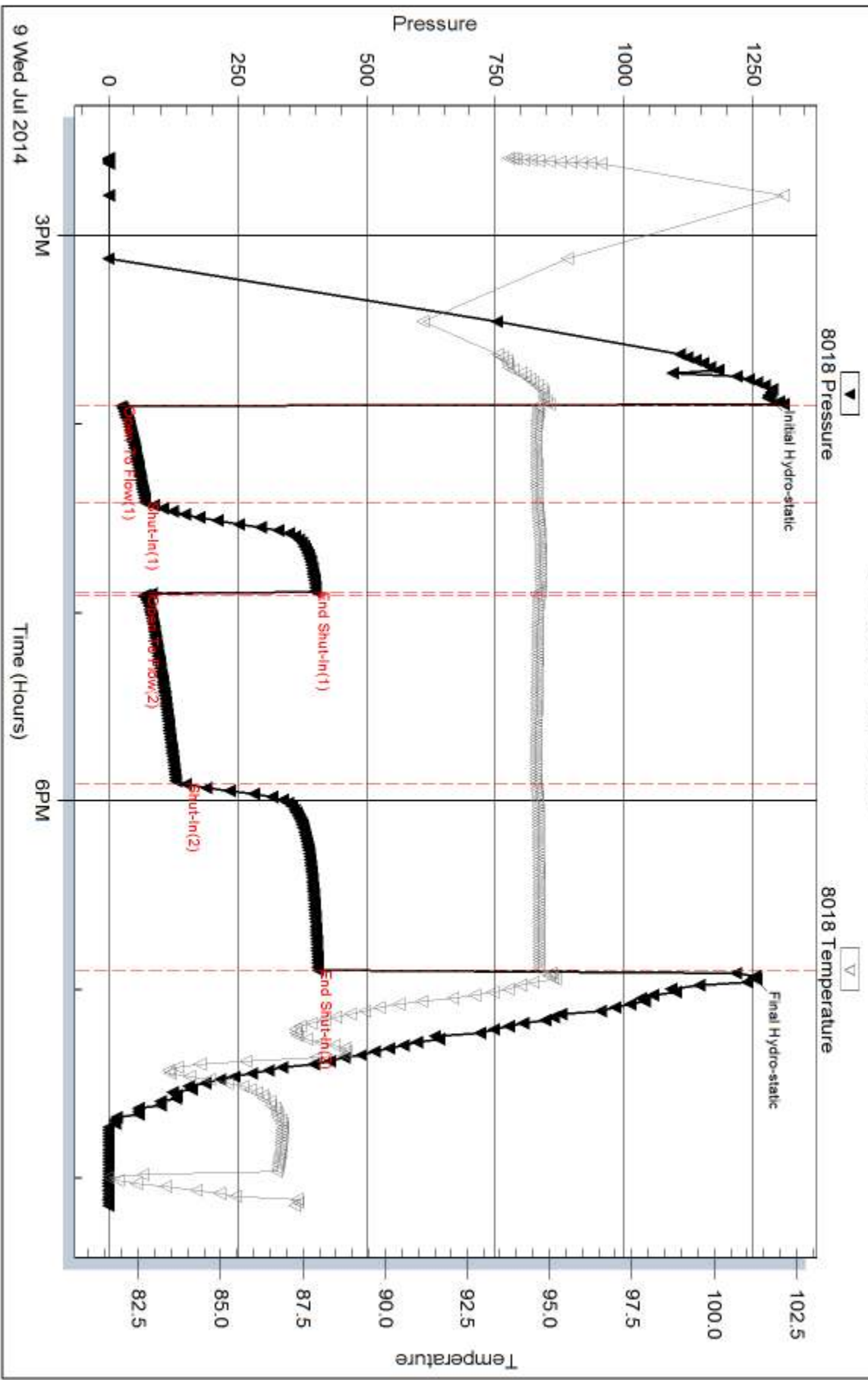
Inside

Prospect Oil & Gas Corp

Krug A #1

DST Test Number: 1

### Pressure vs. Time

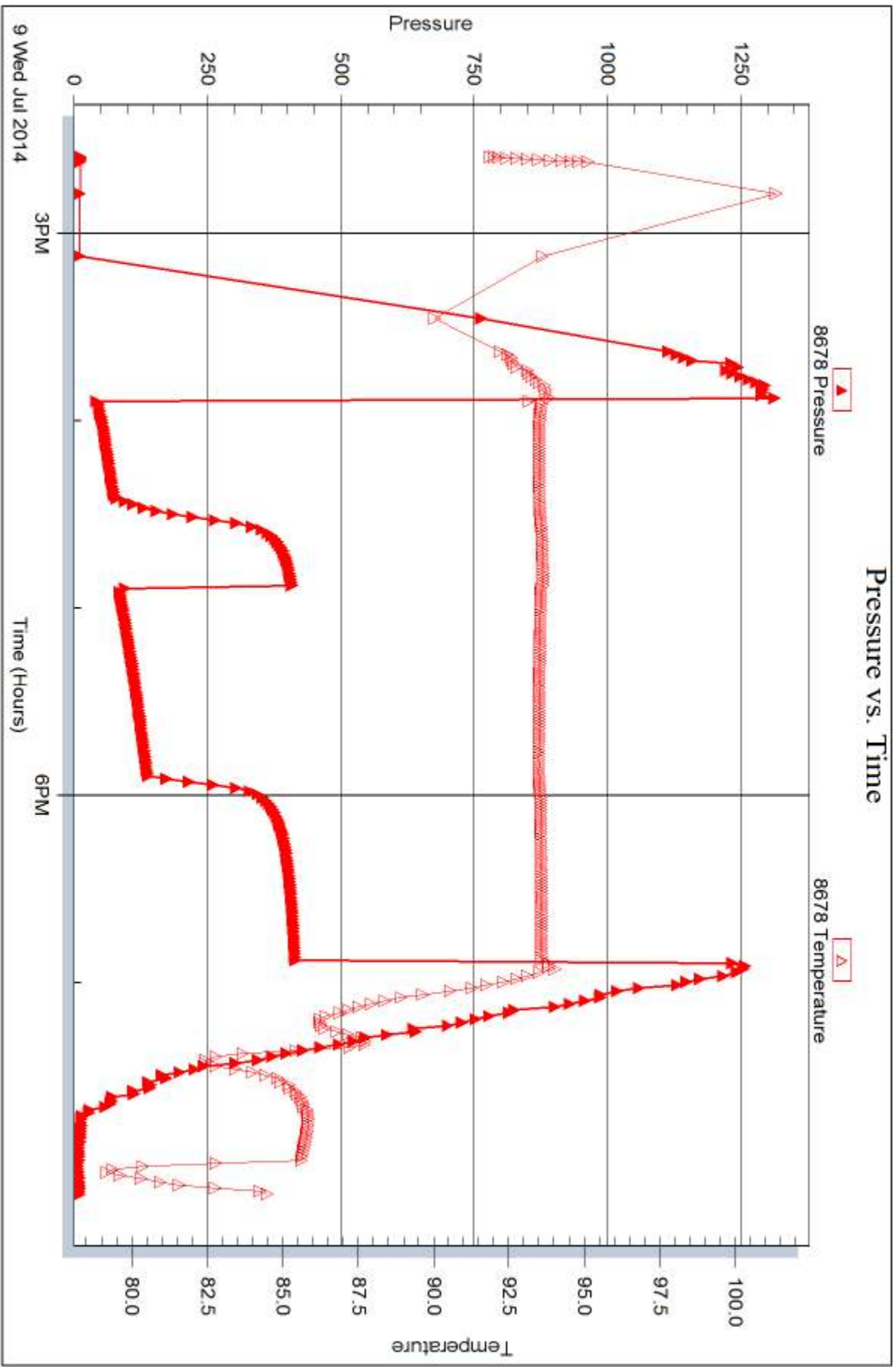


Serial #: 8678

Outside Prospect Oil & Gas Corp

Krug A #1

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Corp**

PO Box 837  
Russell KS 67665-0837

ATTN: Brad Hutchison

### **Krug A #1**

#### **3-13s-14w Russell,KS**

Start Date: 2014.07.10 @ 01:50:54

End Date: 2014.07.10 @ 08:14:48

Job Ticket #: 58826                      DST #: 2

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.07.15 @ 08:01:17



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Prospect Oil & Gas Corp  
 PO Box 837  
 Russell KS 67665-0837  
 ATTN: Brad Hutchison

**3-13s-14w Russell,KS**  
**Krug A #1**  
 Job Ticket: 58826 **DST#: 2**  
 Test Start: 2014.07.10 @ 01:50:54

## GENERAL INFORMATION:

Formation: **LKC B-C**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 03:31:49  
 Time Test Ended: 08:14:48  
 Interval: **2780.00 ft (KB) To 2820.00 ft (KB) (TVD)**  
 Total Depth: 2820.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Ray Schwager  
 Unit No: 70  
 Reference Elevations: 1600.00 ft (KB)  
 1593.00 ft (CF)  
 KB to GR/CF: 7.00 ft

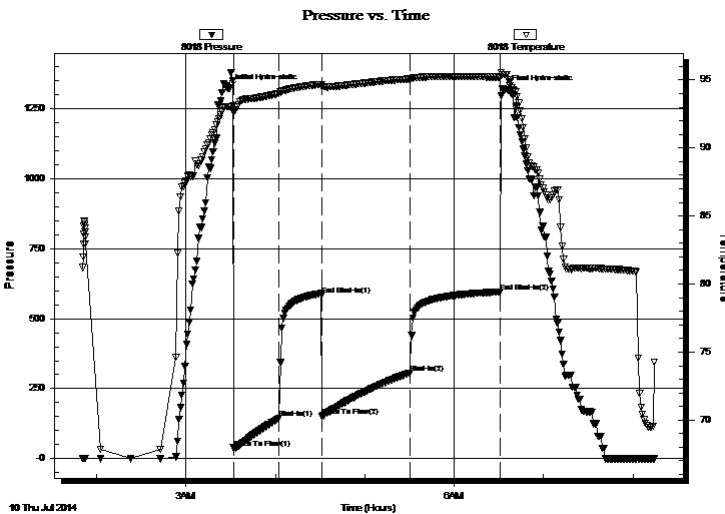
## Serial #: 8018

Inside

Press@RunDepth: 306.51 psig @ 2784.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.07.10 End Date: 2014.07.10 Last Calib.: 2014.07.10  
 Start Time: 01:50:54 End Time: 08:14:48 Time On Btm: 2014.07.10 @ 03:28:49  
 Time Off Btm: 2014.07.10 @ 06:34:18

TEST COMMENT: 30-IFP-strg bl thru-out  
 30-ISIP-1 1/2" bl bk  
 60-FFP-strg bl in 4 min  
 60-FSIP-3" bl bk

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1323.73	93.05	Initial Hydro-static
3	37.94	92.63	Open To Flow (1)
34	143.59	94.01	Shut-In(1)
62	584.59	94.67	End Shut-In(1)
63	150.06	94.53	Open To Flow (2)
122	306.51	95.08	Shut-In(2)
182	595.72	95.20	End Shut-In(2)
186	1318.42	95.41	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	900'GIP	0.00
186.00	MGO 10%G10%W 40%M40%O	2.61
124.00	SO&GCW 10%G2%O88%W	1.74
276.00	Water	3.87

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Prospect Oil & Gas Corp  
 PO Box 837  
 Russell KS 67665-0837  
 ATTN: Brad Hutchison

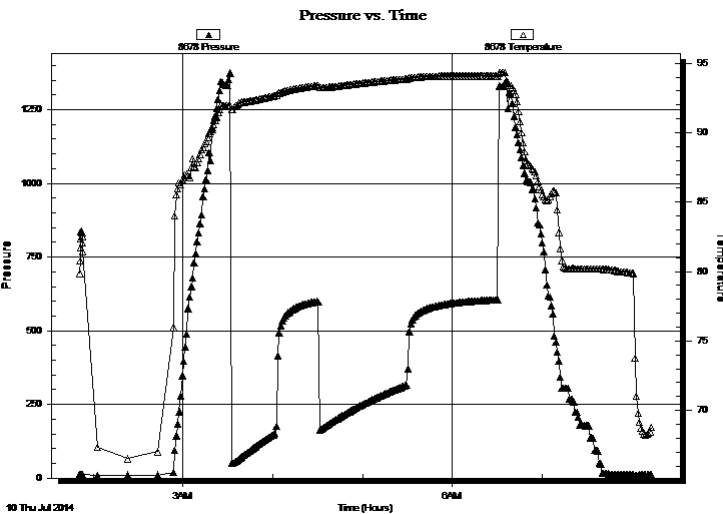
**3-13s-14w Russell, KS**  
**Krug A #1**  
 Job Ticket: 58826      **DST#: 2**  
 Test Start: 2014.07.10 @ 01:50:54

## GENERAL INFORMATION:

Formation: **LKC B-C**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 03:31:49  
 Time Test Ended: 08:14:48  
 Interval: **2780.00 ft (KB) To 2820.00 ft (KB) (TVD)**  
 Total Depth: 2820.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Ray Schwager  
 Unit No: 70  
 Reference Elevations: 1600.00 ft (KB)  
 1593.00 ft (CF)  
 KB to GR/CF: 7.00 ft

**Serial #: 8678 Outside**  
 Press@RunDepth: psig @ 2784.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.07.10 End Date: 2014.07.10 Last Calib.: 2014.07.10  
 Start Time: 01:50:59 End Time: 08:13:53 Time On Btm:  
 Time Off Btm:

TEST COMMENT: 30-IFP-strg bl thru-out  
 30-ISIP-1 1/2" bl bk  
 60-FFP-strg bl in 4 min  
 60-FSIP-3" bl bk



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	900'GIP	0.00
186.00	MGO 10%G10%W 40%M40%O	2.61
124.00	SO&GCW 10%G2%O88%W	1.74
276.00	Water	3.87

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Prospect Oil & Gas Corp

**3-13s-14w Russell,KS**

PO Box 837  
Russell KS 67665-0837

**Krug A #1**

Job Ticket: 58826

**DST#: 2**

ATTN: Brad Hutchison

Test Start: 2014.07.10 @ 01:50:54

## Tool Information

Drill Pipe:	Length: 2780.00 ft	Diameter: 3.80 inches	Volume: 39.00 bbl	Tool Weight:	2200.00 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:	lb
			<u>Total Volume: 39.00 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial	38000.00 lb
Depth to Top Packer:	2780.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	40.00 ft				
Tool Length:	61.00 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			2760.00	
Shut In Tool	5.00			2765.00	
Hydraulic tool	5.00			2770.00	
Packer	5.00			2775.00	21.00 Bottom Of Top Packer
Packer	5.00			2780.00	
Stubb	1.00			2781.00	
Perforations	3.00			2784.00	
Recorder	0.00	8018	Inside	2784.00	
Recorder	0.00	8678	Outside	2784.00	
Blank Spacing	33.00			2817.00	
Bullnose	3.00			2820.00	40.00 Bottom Packers & Anchor

**Total Tool Length: 61.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Prospect Oil & Gas Corp  
 PO Box 837  
 Russell KS 67665-0837  
 ATTN: Brad Hutchison

**3-13s-14w Russell,KS**  
**Krug A #1**  
 Job Ticket: 58826      **DST#: 2**  
 Test Start: 2014.07.10 @ 01:50:54

## 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:	63000 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.94 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3700.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

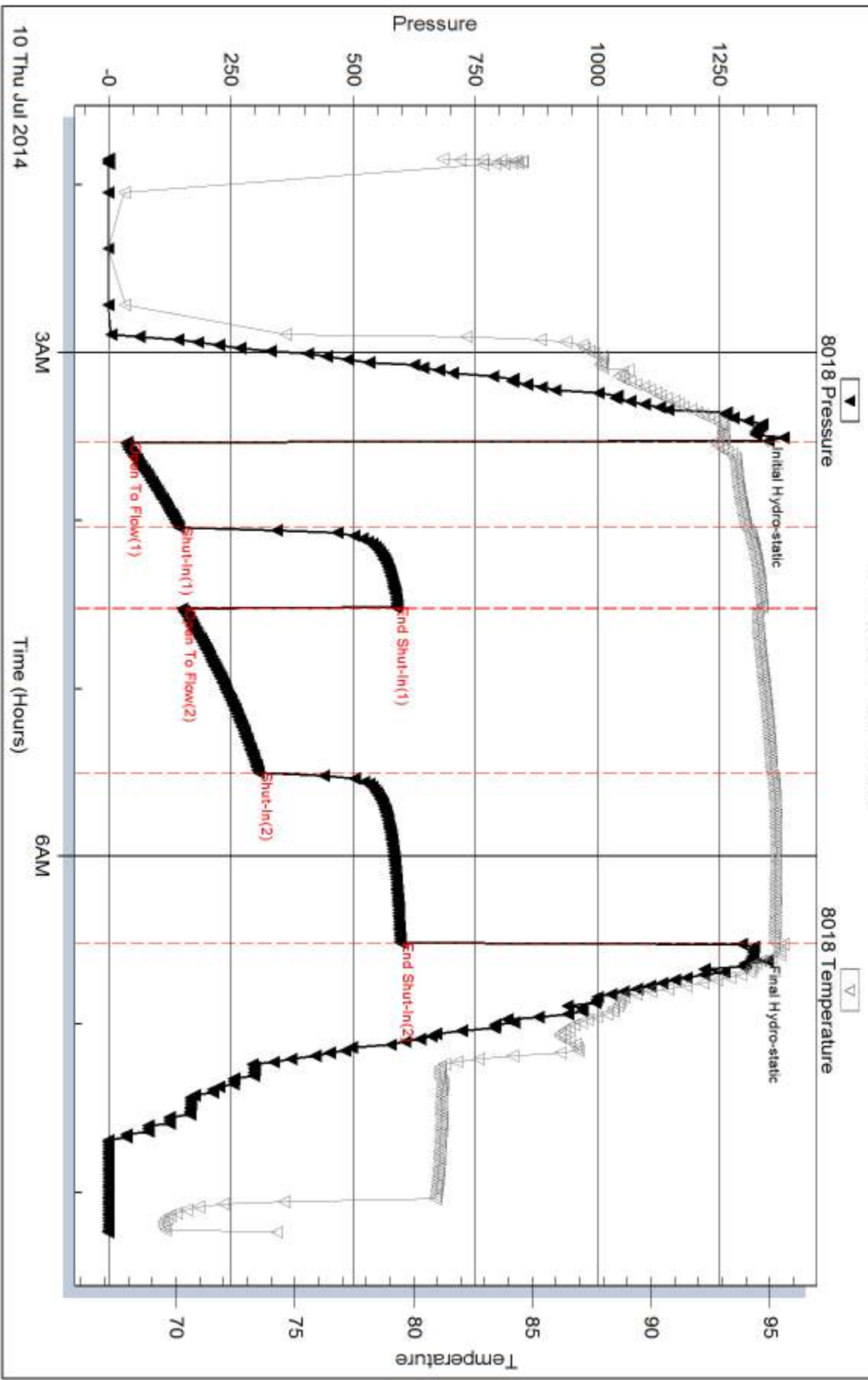
Recovery Table

Length ft	Description	Volume bbl
0.00	900'GIP	0.000
186.00	MGO 10%G10%W 40%M40%O	2.609
124.00	SO&GCW 10%G2%O88%W	1.739
276.00	Water	3.872

Total Length: 586.00 ft      Total Volume: 8.220 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments: RW .13@65F



### Pressure vs. Time

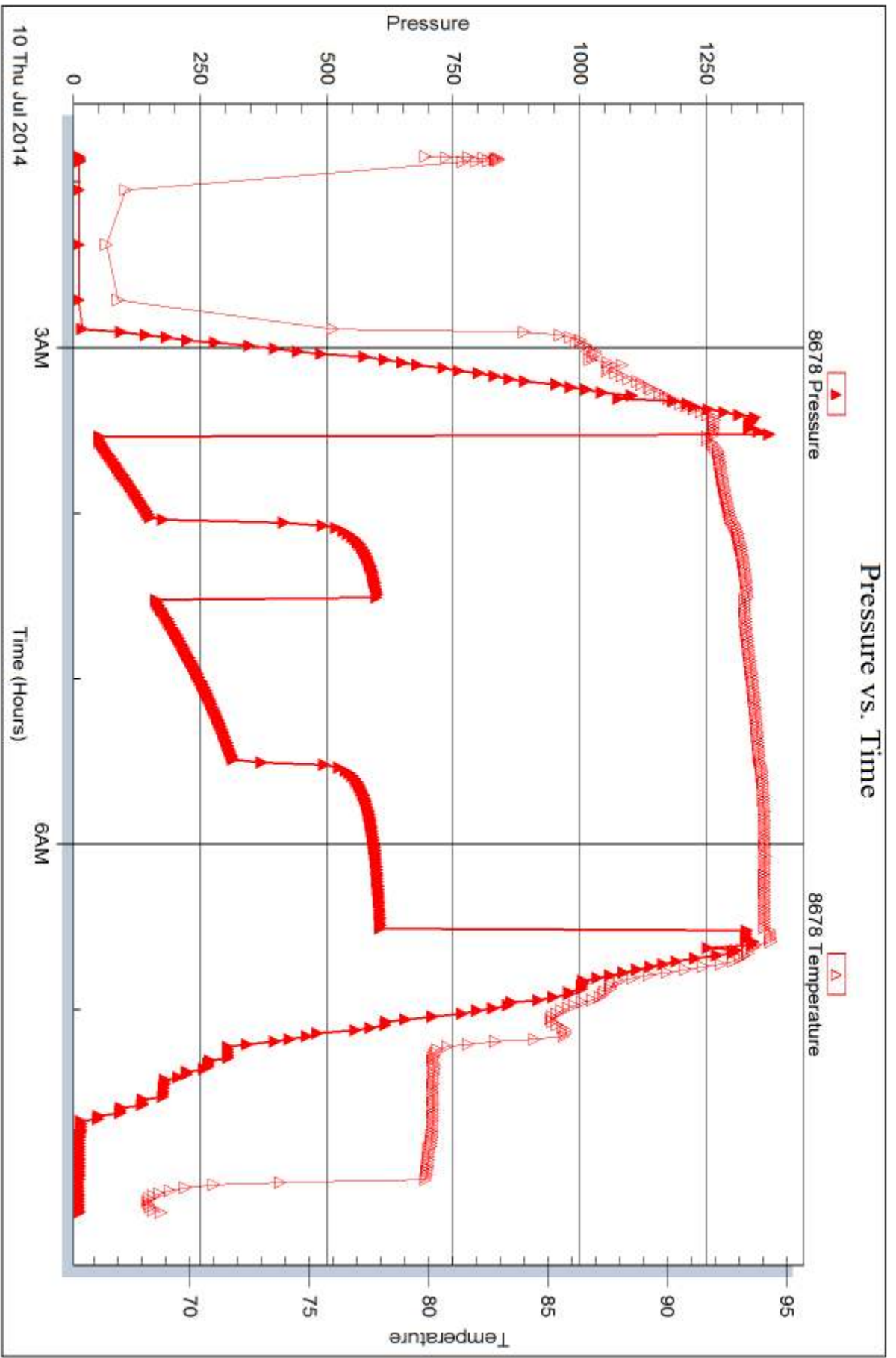


Serial #: 8678

Outside Prospect Oil & Gas Corp

Krug A #1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 58826

Printed: 2014.07.15 @ 08:01:18



## DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Corp**

PO Box 837  
Russell KS 67665-0837

ATTN: Brad Hutchison

### **Krug A #1**

#### **3-13s-14w Russell,KS**

Start Date: 2014.07.10 @ 14:20:52

End Date: 2014.07.10 @ 20:18:16

Job Ticket #: 58827                      DST #: 3

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.07.15 @ 08:00:47



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Prospect Oil & Gas Corp  
 PO Box 837  
 Russell KS 67665-0837  
 ATTN: Brad Hutchison

**3-13s-14w Russell,KS**  
**Krug A #1**  
 Job Ticket: 58827 **DST#: 3**  
 Test Start: 2014.07.10 @ 14:20:52

## GENERAL INFORMATION:

Formation: **LKC F**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 15:25:47  
 Time Test Ended: 20:18:16  
 Interval: **2720.00 ft (KB) To 2765.00 ft (KB) (TVD)**  
 Total Depth: 2780.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Ray Schwager  
 Unit No: 70  
 Reference Elevations: 1600.00 ft (KB)  
 1593.00 ft (CF)  
 KB to GR/CF: 7.00 ft

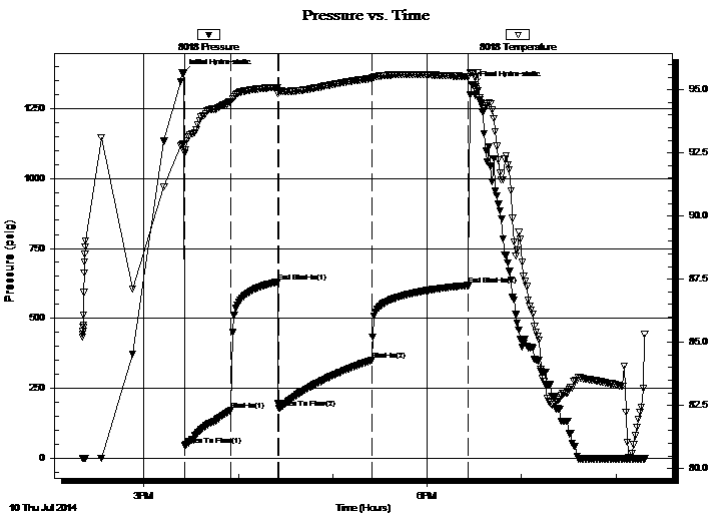
## Serial #: 8018

Inside

Press@RunDepth: 351.93 psig @ 2729.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.07.10 End Date: 2014.07.10 Last Calib.: 2014.07.10  
 Start Time: 14:20:52 End Time: 20:18:16 Time On Btm: 2014.07.10 @ 15:24:47  
 Time Off Btm: 2014.07.10 @ 18:29:17

TEST COMMENT: 30-IFP-strg bl in 2 min  
 30-ISIP- 2 1/2" bl bk  
 60-FFP-strg bl in 3 min  
 60-FSIP- 4" bl bk

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1373.33	92.86	Initial Hydro-static
1	48.77	92.49	Open To Flow (1)
31	172.48	94.52	Shut-In(1)
60	630.37	95.10	End Shut-In(1)
61	181.05	94.96	Open To Flow (2)
120	351.93	95.44	Shut-In(2)
182	618.29	95.52	End Shut-In(2)
185	1332.39	95.65	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	1425'GIP	0.00
560.00	CO	7.86
186.00	GMO 40%G10%M50%O	2.61
124.00	Water	1.74

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Prospect Oil & Gas Corp  
 PO Box 837  
 Russell KS 67665-0837  
 ATTN: Brad Hutchison

**3-13s-14w Russell, KS**  
**Krug A #1**  
 Job Ticket: 58827 **DST#: 3**  
 Test Start: 2014.07.10 @ 14:20:52

## GENERAL INFORMATION:

Formation: **LKC F**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 15:25:47  
 Time Test Ended: 20:18:16

Test Type: Conventional Bottom Hole (Reset)  
 Tester: Ray Schwager  
 Unit No: 70

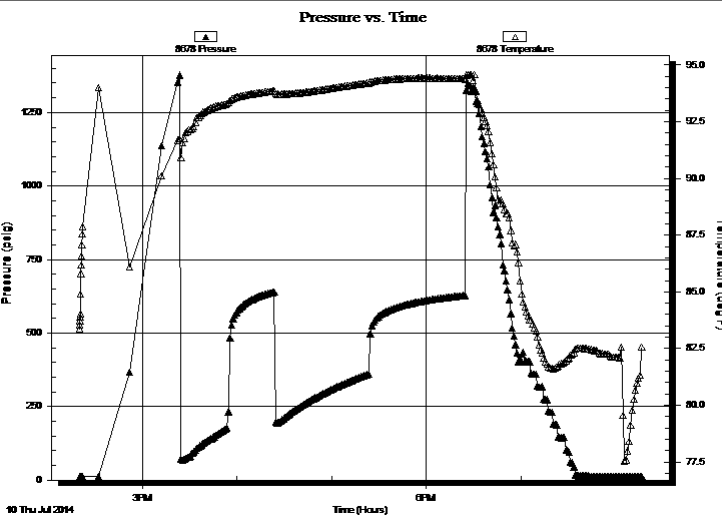
Interval: **2720.00 ft (KB) To 2765.00 ft (KB) (TVD)**  
 Total Depth: 2780.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1600.00 ft (KB)  
 1593.00 ft (CF)  
 KB to GR/CF: 7.00 ft

**Serial #: 8678 Outside**

Press@RunDepth: psig @ 2729.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.07.10 End Date: 2014.07.10 Last Calib.: 2014.07.10  
 Start Time: 14:20:06 End Time: 20:16:30 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** 30-IFP-strg bl in 2 min  
 30-ISIP- 2 1/2" bl bk  
 60-FFP-strg bl in 3 min  
 60-FSIP- 4" bl bk



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	1425'GIP	0.00
560.00	CO	7.86
186.00	GMO 40%G10%M50%O	2.61
124.00	Water	1.74

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Prospect Oil & Gas Corp

**3-13s-14w Russell,KS**

PO Box 837  
Russell KS 67665-0837

**Krug A #1**

Job Ticket: 58827

**DST#: 3**

ATTN: Brad Hutchison

Test Start: 2014.07.10 @ 14:20:52

## Tool Information

Drill Pipe:	Length: 2713.00 ft	Diameter: 3.80 inches	Volume: 38.06 bbl	Tool Weight: 2200.00 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: 55000.00 lb
			<u>Total Volume: 38.06 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	2720.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	66.00 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			2700.00	
Shut In Tool	5.00			2705.00	
Hydraulic tool	5.00			2710.00	
Packer	5.00			2715.00	21.00 Bottom Of Top Packer
Packer	5.00			2720.00	
Stubb	1.00			2721.00	
Perforations	8.00			2729.00	
Recorder	0.00	8018	Inside	2729.00	
Recorder	0.00	8678	Outside	2729.00	
Blank Spacing	33.00			2762.00	
Bullnose	3.00			2765.00	45.00 Bottom Packers & Anchor

**Total Tool Length: 66.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Prospect Oil & Gas Corp

**3-13s-14w Russell,KS**

PO Box 837  
Russell KS 67665-0837

**Krug A #1**

Job Ticket: 58827

**DST#: 3**

ATTN: Brad Hutchison

Test Start: 2014.07.10 @ 14:20:52

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

50000 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.91 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1425'GIP	0.000
560.00	CO	7.855
186.00	GMO 40%G10%M50%O	2.609
124.00	Water	1.739

Total Length: 870.00 ft      Total Volume: 12.203 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .16@65F

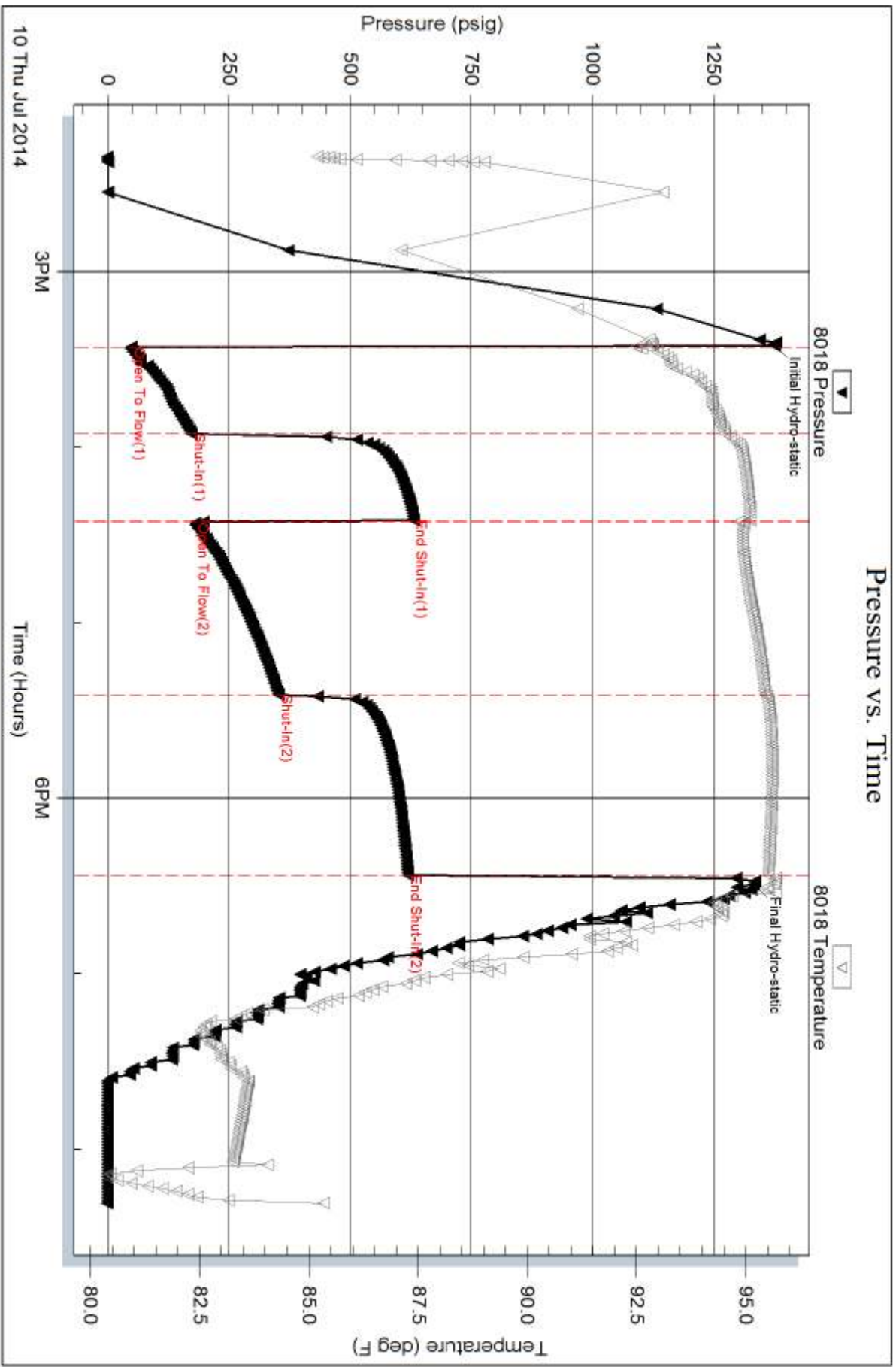
Serial #: 8018

Inside

Prospect Oil & Gas Corp

Krug A #1

DST Test Number: 3



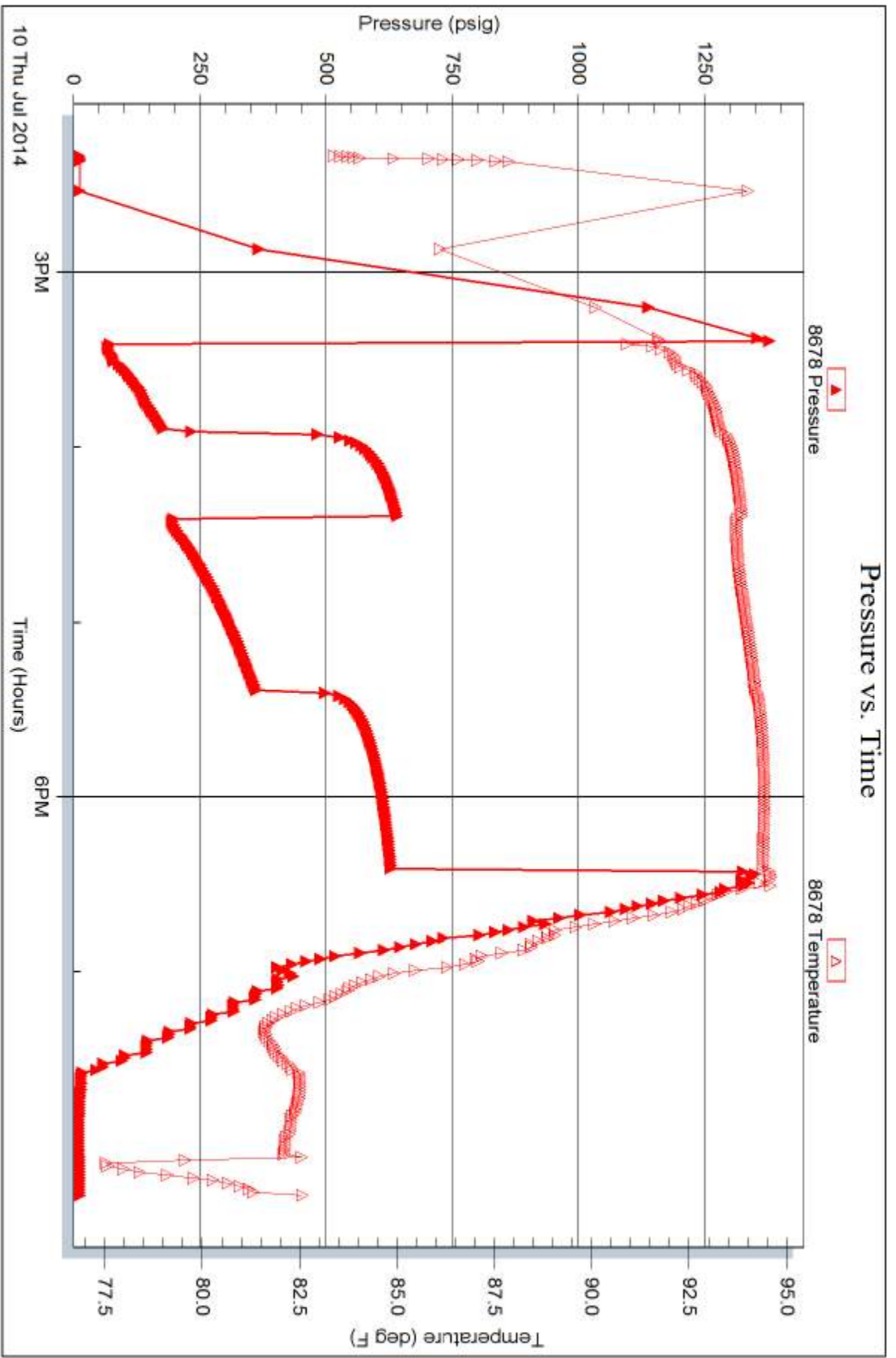


Serial #: 8678

Outside Prospect Oil & Gas Corp

Krug A #1

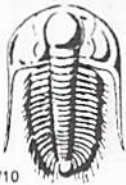
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 58827

Printed: 2014.07.15 @ 08:00:48



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 59325 21231

Well Name & No. Krug A#1 Test No. 1 Date 7-9-14  
 Company Prospect Oil & Gas Corp Elevation 1600 KB 1593 GL  
 Address Po Box 837 Russell, Mo 67665-0837  
 Co. Rep / Geo. Brad Hutchison Rig Royal Rig 2  
 Location: Sec. 3 Twp. 13<sup>s</sup> Rge. 14<sup>w</sup> Co. Russell State Ko

Interval Tested 2705-2780 Zone Tested TORONTO-LKC A  
 Anchor Length 75 Drill Pipe Run 2689 Mud Wt. 9  
 Top Packer Depth 2700 Drill Collars Run - Vis 63  
 Bottom Packer Depth 2705 Wt. Pipe Run - WL 8  
 Total Depth 2780 Chlorides 3700 ppm System LCM -

Blow Description IFP - STRONG BLOW IN 3 MIN  
ISIP - NO BLOW  
FFP - STRONG BLOW IN 1 MIN  
FSIP - 1" BLOW BACK

Rec	Feet of	%gas	%oil	%water	%mud
<u>1640</u>	<u>GIP</u>				
<u>95</u>	<u>HO+GCM</u>	<u>25</u>	<u>35</u>	<u>40</u>	<u>40</u>
<u>186</u>	<u>MGO</u>	<u>25</u>	<u>50</u>	<u>25</u>	<u>25</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 281 BHT 94 Gravity - API RW - @ - ° F Chlorides - ppm  
 (A) Initial Hydrostatic 1279  Test 1150 T-On Location 1325  
 (B) First Initial Flow 24  Jars - T-Started 1435  
 (C) First Final Flow 70  Safety Joint - T-Open 1555  
 (D) Initial Shut-In 401  Circ Sub - T-Pulled 1855  
 (E) Second Initial Flow 70  Hourly Standby - T-Out 2009  
 (F) Second Final Flow 149  Mileage 60 RT 93 Comments -  
 (G) Final Shut-In 405  Sampler -  
 (H) Final Hydrostatic 1249  Straddle -  Ruined Shale Packer -  
 Shale Packer -  Ruined Packer -  
 Extra Packer -  Extra Copies -  
 Extra Recorder - Sub Total 0  
 Day Standby - Total 1243  
 Accessibility - MP/DST Disc't -

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 60  
 Final Shut-In 60  
 Sub Total 1243

Approved By \_\_\_\_\_ Our Representative RAY SCHWAGER Thank you  
 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. 58826

4/10

Well Name & No. Krug A#1 Test No. 2 Date 7-10-14  
 Company Prospect Oil + Gas Corp Elevation 1600 KB 1593 GL  
 Address Po Box 837 Russell, Ko 67665-0837  
 Co. Rep / Geo. BRAD HUTCHISON Rig ROYAL RIG 2  
 Location: Sec. 3 Twp. 13<sup>S</sup> Rge. 14<sup>W</sup> Co. Russell State Ko

Interval Tested 2780-2820 Zone Tested LKC B-C  
 Anchor Length 40 Drill Pipe Run 2780 Mud Wt. 8.8  
 Top Packer Depth 2775 Drill Collars Run - Vis 56  
 Bottom Packer Depth 2780 Wt. Pipe Run - WL 8  
 Total Depth 3820 Chlorides 3700 ppm System LCM -

Blow Description IFP - STRONG BLOW IN 3 MIN  
ISIP - 1 1/2" BLOW BACK  
FFP - STRONG BLOW IN 4 MIN  
FSIP - 3" BLOW BACK

Rec	Feet of	%gas	%oil	%water	%mud
<u>900</u>	<u>GTA</u>				
<u>186</u>	<u>MGO</u>	<u>10</u>	<u>40</u>	<u>10</u>	<u>40</u>
<u>124</u>	<u>SOCW</u>	<u>10</u>	<u>2</u>	<u>88</u>	
<u>276</u>	<u>WATER</u>				

Rec Total 586 BHT 95 Gravity - API RW .13 @ 65 ° F Chlorides 63000 ppm

(A) Initial Hydrostatic 1323  Test 1150 T-On Location 0130  
 (B) First Initial Flow 37  Jars \_\_\_\_\_ T-Started 0150  
 (C) First Final Flow 143  Safety Joint \_\_\_\_\_ T-Open 0330  
 (D) Initial Shut-In 584  Circ Sub \_\_\_\_\_ T-Pulled 0630  
 (E) Second Initial Flow 150  Hourly Standby \_\_\_\_\_ T-Out 0814  
 (F) Second Final Flow 306  Mileage 60 RT 93 Comments \_\_\_\_\_  
 (G) Final Shut-In 595  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1318  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_

Initial Open 30  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Shut-In 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Flow 60  Day Standby \_\_\_\_\_ Total 1243  
 Final Shut-In 60  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1243

Approved By \_\_\_\_\_ Our Representative RAY SCHWAGER Thank you

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. 58827

4/10

Well Name & No. Krug A#1 Test No. 3 Date 7-10-14  
 Company Prospect Oil & Gas Corp Elevation 1600 KB 1593 GL  
 Address PO Box 837 Russell, Ks 67665-0837  
 Co. Rep / Geo. Brad Hutchison Rig Royalrig2  
 Location: Sec. 3 Twp. 13<sup>s</sup> Rge. 14<sup>w</sup> Co. Russell State Ks

Interval Tested 2820-2865 Zone Tested LKC F  
 Anchor Length 45 Drill Pipe Run 2713 Mud Wt. 9  
 Top Packer Depth 2815 Drill Collars Run - Vis 53  
 Bottom Packer Depth 2820 Wt. Pipe Run - WL 8  
 Total Depth 2865 Chlorides 3700 ppm System LCM -

Blow Description IFP - STRONG BLOW IN 2 MIN  
ISIP - 2 1/2" Blow Back  
FFP - STRONG BLOW IN 3 MIN  
FSIP - 4" Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>1425</u>	<u>GIP</u>				
<u>560</u>	<u>CO</u>				
<u>186</u>	<u>GMO</u>	<u>40</u>	<u>50</u>		<u>10</u>
<u>124</u>	<u>WATER</u>				

Rec Total 870 BHT 9.5 Gravity 40 API RW .16 @ 65 ° F Chlorides 5000 ppm

(A) Initial Hydrostatic  Test 1150 T-On Location 1405  
 (B) First Initial Flow  Jars T-Started 1420  
 (C) First Final Flow  Safety Joint T-Open 1525  
 (D) Initial Shut-In  Circ Sub T-Pulled 1825  
 (E) Second Initial Flow  Hourly Standby T-Out 2018

(F) Second Final Flow  Mileage 60 RT 93 Comments Phillip loaded tools  
 (G) Final Shut-In  Sampler 7/11 @ 12:50 93.00

(H) Final Hydrostatic  Straddle  Ruined Shale Packer  
 Shale Packer  Ruined Packer  
 Extra Packer  Extra Copies

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

Sub Total 1243 Total 1243 +93.00  
 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Ray Schwager Thank you

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.

Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



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

Shari Feist Albrecht, Chair  
Jay Scott Emler, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

November 03, 2014

Brad Hutchinson  
Prospect Oil & Gas Corp  
PO BOX 837  
RUSSELL, KS 67665-0837

Re: ACO-1  
API 15-167-23989-00-00  
Krug A-1  
NE/4 Sec.03-13S-14W  
Russell County, Kansas

Dear Brad Hutchinson:

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

The above referenced well was spudded on 7/2/2014 and the ACO-1 was received on October 31, 2014 (not within the 120 days timely requirement).

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

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

Sincerely,

Production Department