



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1162238  
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: \_\_\_\_\_

1162238

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
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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> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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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. 6968

Date	6-12-13	Sec.	31	Twp.	13	Range	12	County	RUSSELL	State	KANSAS	On Location		Finish	12:00
Lease								Well No.		Location					
STEINIE								#3		BUCKEYHILL - IN-1C - 1/4S - E/INT					
Contractor								Owner		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
SHELDON								PROSPECT OIL							
Type Job								Charge To		P.T.A.					
P.T.A.								PROSPECT OIL							
Hole Size				T.D.				Street				City			
7 1/2"				3250'				PO 837				RUSSELL			
Csg.				Depth				State							
4 1/2"								KANSAS							
Tbg. Size				Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.				Shoe Joint				Cement Amount Ordered 200 40 207 2 gel							
Meas Line				Displace											
<b>EQUIPMENT</b>								<b>Common</b>							
Pumptrk #15				Cementer				No.				Pos. Mix			
				Helper				NICK W.							
Bulktrk #14				Driver				No.				Gel.			
				Driver				CHAD M.							
Bulktrk #16				Driver				No.				Calcium			
				Driver				CESCO A.							
<b>JOB SERVICES &amp; REMARKS</b>								<b>Hulls</b>							
Remarks:								Salt							
Rat Hole								Flowseal							
30 SKS															
Mouse Hole								Kol-Seal							
15 SKS															
Centralizers								Mud CLR 48							
Baskets								CFL-117 or CD110 CAF 38							
D/V or Port Collar								Sand							
								Handling							
1st @ 780				25 SKS				Mileage							
2nd @ 520				80 SKS				<b>FLOAT EQUIPMENT</b>							
3rd @ 270				40 SKS				Guide Shoe							
4th @ 40				10 SKS				Centralizer							
RATHOLE				30 SKS				Baskets							
MOUSEHOLE				15 SKS				AFU Inserts							
TOTAL				200 SKS				Float Shoe							
								Latch Down							
								1- 8 3/8 WOODEN PLUG							
								Pumptrk Charge							
								Mileage							
								Tax							
								Discount							
X Signature								Total Charge							



# 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. 7907

Date	6-8-13	Sec.	31	Twp.	13	Range	12	County	Russell	State	Ks	On Location		Finish	1:00 AM
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Lease Steinle Well No. 3 Location Bunker hill, KS - N to Balta Rd, IE, &

Owner E/Into

Contractor Shields  
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. 221' Charge To Prospect oil + gas

Csg. 8 5/8" Depth 221' 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. 15' Shoe Joint 15' Cement Amount Ordered 150 sx Common 38cc

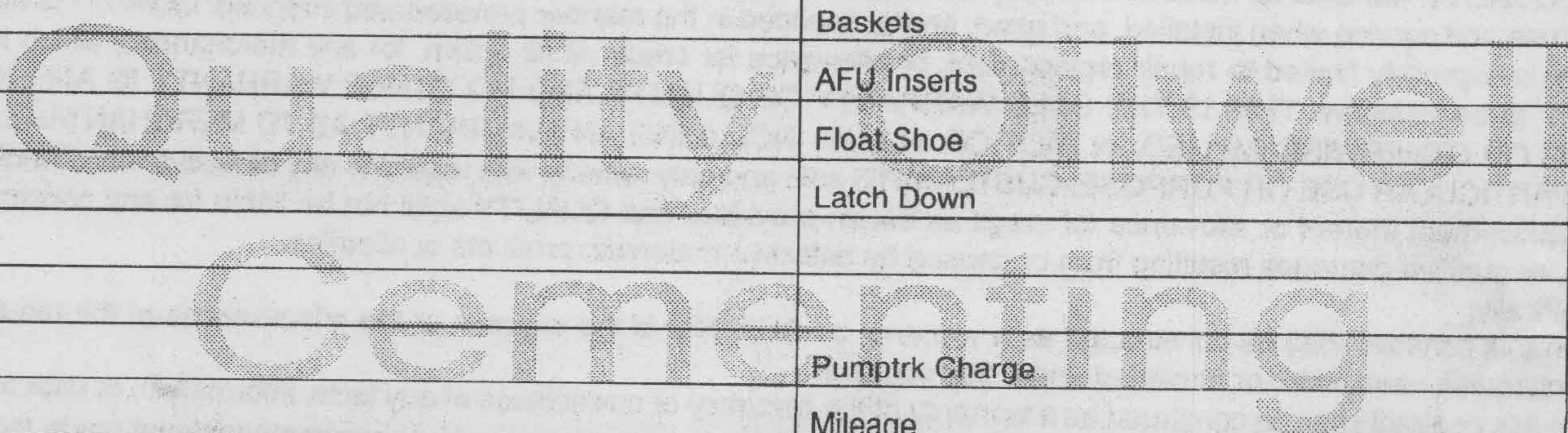
Meas Line Displace 13 BLS 2 1/2 Gel

EQUIPMENT			Common
Pumptrk <u>15</u> No.	Cementer Helper <u>Nick</u>		Poz. Mix
Bulktrk <u>3</u> No.	Driver <u>Lonnie M.</u>		Gel.
Bulktrk <u>pu</u> No.	Driver <u>Rick</u>		Calcium

JOB SERVICES & REMARKS		Hulls
Remarks: <u>Cement did Circulate.</u>		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
		Handling
		Mileage

FLOAT EQUIPMENT	
	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	Pumptrk Charge
	Mileage

X Signature Thomas K. Knight Tax Discount Total Charge







## DRILL STEM TEST REPORT

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

PO Box 837  
Russell, KS 67665

ATTN: Brad Hutchison

### **Steinle #3**

#### **31-13s-12w Russell,KS**

Start Date: 2013.06.11 @ 19:53:24

End Date: 2013.06.12 @ 02:48:24

Job Ticket #: 53866                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.06.14 @ 09:37:07



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

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

**31-13s-12w Russell, KS**

**Steinle #3**

Job Ticket: 53866

**DST#: 1**

Test Start: 2013.06.11 @ 19:53:24

## GENERAL INFORMATION:

Formation: **Lansing A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:44:54

Time Test Ended: 02:48:24

Test Type: Conventional Bottom Hole (Initial)

Tester: Jeff Brown

Unit No: 67

Interval: **3005.00 ft (KB) To 3045.00 ft (KB) (TVD)**

Reference Elevations: 1845.00 ft (KB)

Total Depth: 3045.00 ft (KB) (TVD)

1840.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 6625 Outside**

Press @ Run Depth: 194.93 psig @ 3040.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.06.11

End Date:

2013.06.12

Last Calib.:

2013.06.12

Start Time: 19:53:25

End Time:

02:44:24

Time On Btm:

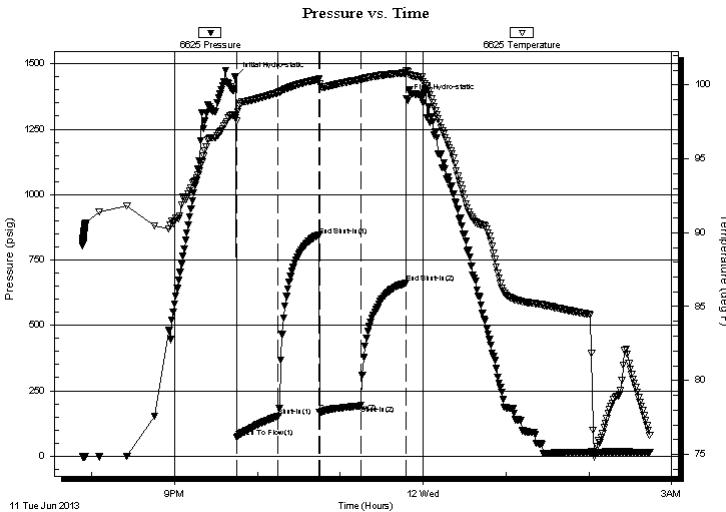
2013.06.11 @ 21:44:24

Time Off Btm:

2013.06.11 @ 23:47:54

**TEST COMMENT:** IFP=Strong blow BOB in 4 1/2 min  
 ISI=Dead no blow back  
 FFP=Fair blow built to 8 3/4"  
 FSI=Weak surface blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1451.45	97.81	Initial Hydro-static
1	71.87	97.56	Open To Flow (1)
31	153.30	99.48	Shut-In(1)
60	843.23	100.39	End Shut-In(1)
61	168.93	100.05	Open To Flow (2)
91	194.93	100.37	Shut-In(2)
123	662.34	100.82	End Shut-In(2)
124	1367.22	100.98	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
126.00	SOCGMW 5%G 5%O 20%M 70%W	0.89
250.00	SOCGWM 10%G 5%O 35%W 50%M	1.73
31.00	OCVM 10%O 10%W 80%M	0.43
0.00	63-GIP	0.00

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Prospect Oil & Gas Corp

**31-13s-12w Russell,KS**

PO Box 837  
Russell, KS 67665

**Steinle #3**

Job Ticket: 53866

**DST#: 1**

ATTN: Brad Hutchison

Test Start: 2013.06.11 @ 19:53:24

## Tool Information

Drill Pipe:	Length: 2616.00 ft	Diameter: 3.80 inches	Volume: 36.70 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 343.00 ft	Diameter: 2.70 inches	Volume: 2.43 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 42000.00 lb
			<u>Total Volume: 39.28 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	3005.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	60.00 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			2986.00	
Shut In Tool	5.00			2991.00	
Hydraulic tool	5.00			2996.00	
Packer	4.00			3000.00	20.00 Bottom Of Top Packer
Packer	5.00			3005.00	
Stubb	1.00			3006.00	
Perforations	2.00			3008.00	
Change Over Sub	1.00			3009.00	
Drill Pipe	30.00			3039.00	
Change Over Sub	1.00			3040.00	
Recorder	0.00	6625	Outside	3040.00	
Recorder	0.00	8679	Inside	3040.00	
Perforations	2.00			3042.00	
Bullnose	3.00			3045.00	40.00 Bottom Packers & Anchor

**Total Tool Length: 60.00**





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Prospect Oil & Gas Corp

**31-13s-12w Russell,KS**

PO Box 837  
Russell, KS 67665

**Steinle #3**

Job Ticket: 53866

**DST#: 1**

ATTN: Brad Hutchison

Test Start: 2013.06.11 @ 19:53:24

## 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:

30000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
126.00	SOCGMW 5%G 5%O 20%M 70%W	0.892
250.00	SOCGMW 10%G 5%O 35%W 50%M	1.726
31.00	OCWM 10%O 10%W 80%M	0.435
0.00	63-GIP	0.000

Total Length: 407.00 ft

Total Volume: 3.053 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

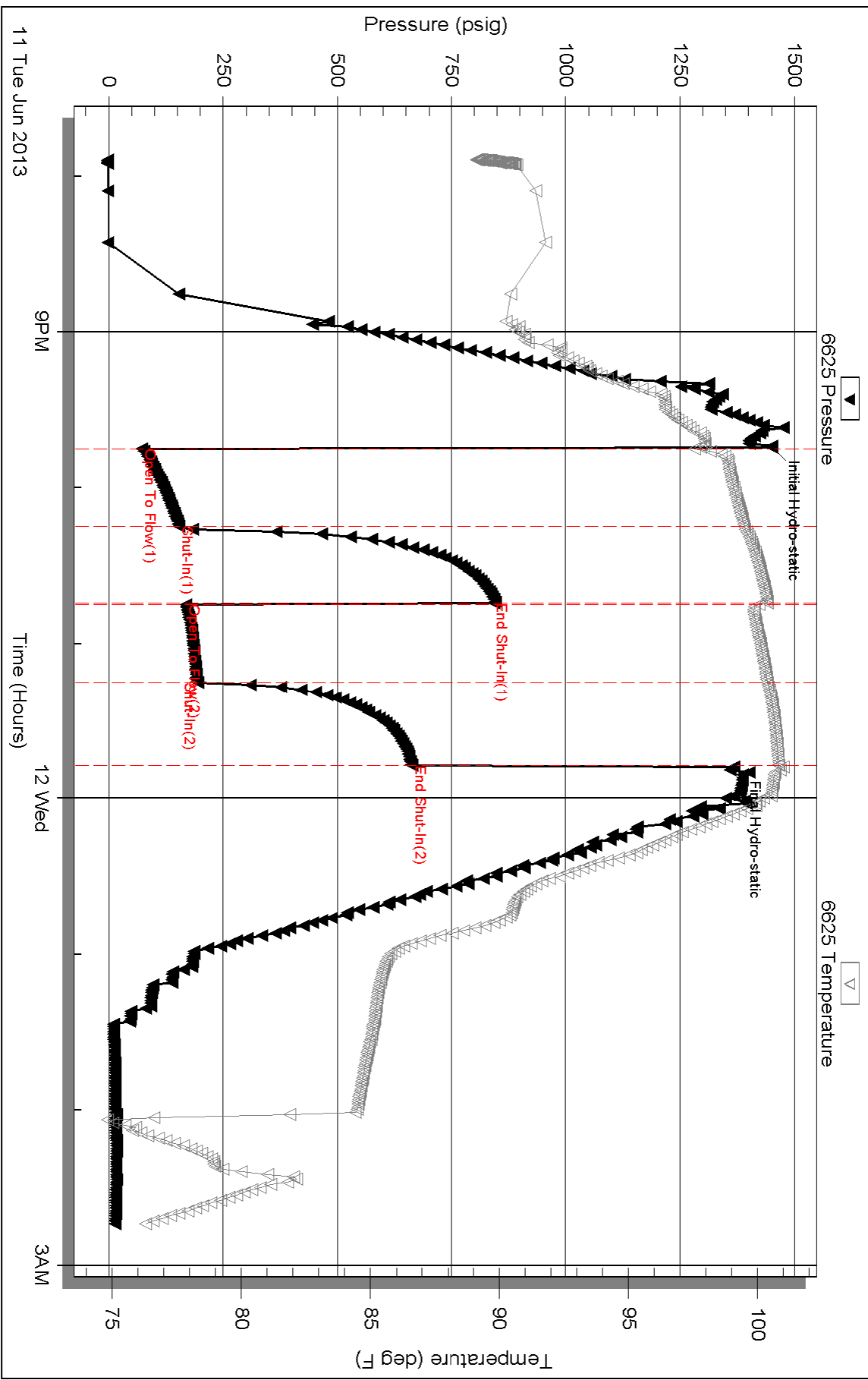
Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .219 @ 76.6



### Pressure vs. Time





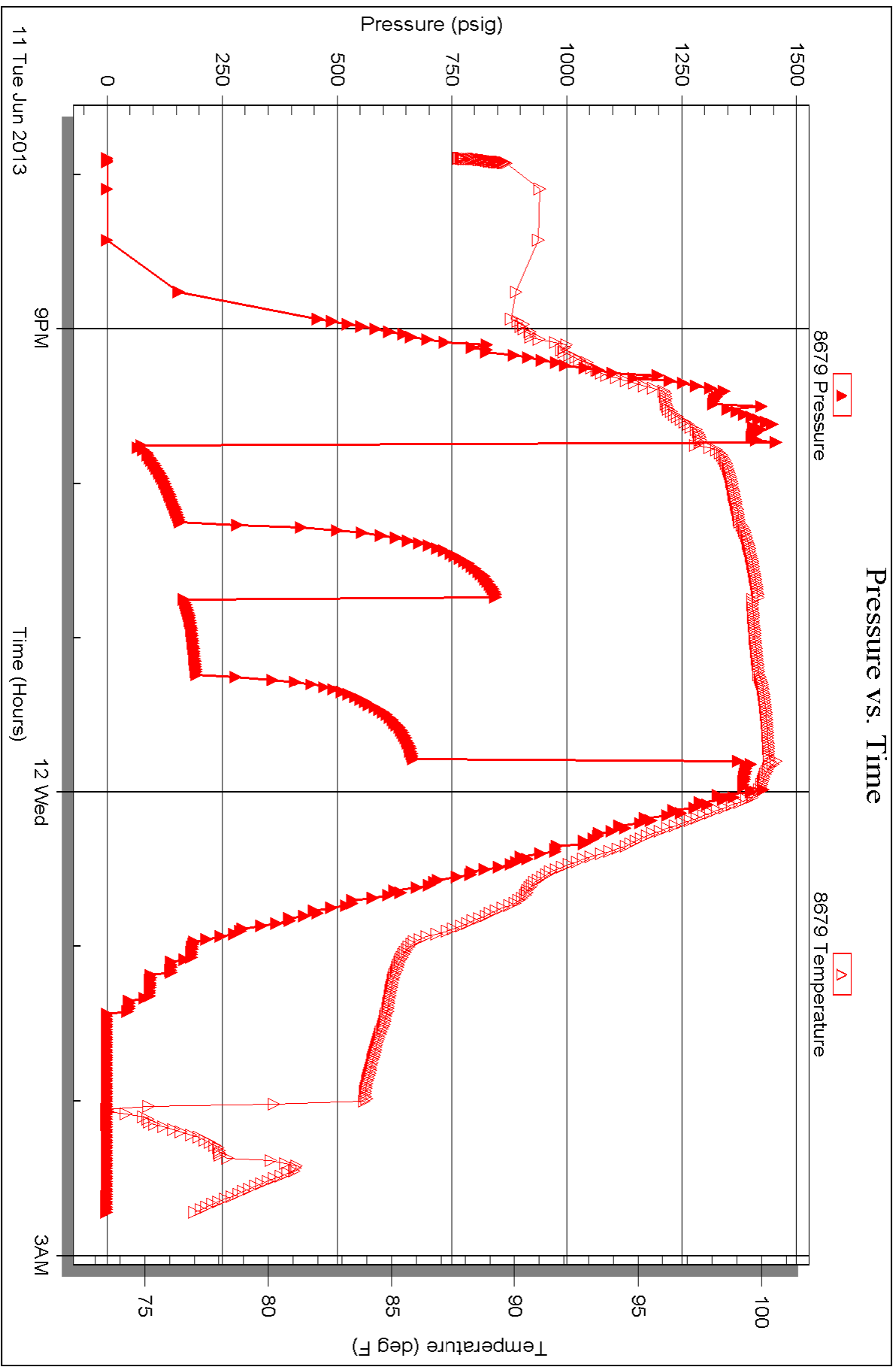
Serial #: 8679

Inside

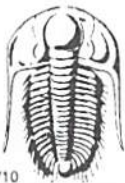
Prospect Oil & Gas Corp

Steinle #3

DST Test Number: 1







# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 53866

Well Name & No. Steink #3 Test No. 1 Date 4-11-13  
 Company Prospect Oil & Gas Corp Elevation 1845 KB 1840 GL  
 Address PO Box 837 Russell KS 67665  
 Co. Rep / Geo. Brad Hutchison Rig Shields  
 Location: Sec. 31 Twp. 13 S Rge. 12 W Co. Russell State Ks

Interval Tested 3005-3045 Zone Tested LANSING - A -  
 Anchor Length 40 Drill Pipe Run 2616 Mud Wt. 9.0  
 Top Packer Depth 3000 Drill Collars Run 31 Vis 45  
 Bottom Packer Depth 3005 Wt. Pipe Run 343 WL 7.2  
 Total Depth 3045 Chlorides 8000 ppm System LCM NA  
 Blow Description fl. Strong Blow BOB IN 4 1/2 min  
fl. Dead No Blow Back  
fl. Fair Blow Built TO 8 3/4 IN  
fl. Weak Surface Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
126	SOC G MW	5	5	70	20
250	SOC G MW	10	5	35	50
31	α WM		10	10	80
	63-GIP				

Rec Total 407 BHT 101 Gravity \_\_\_\_\_ API RW 219 @ 76.6 °F Chlorides 30,000 ppm  
 (A) Initial Hydrostatic 1451  Test 1150 T-On Location 19:30  
 (B) First Initial Flow 72  Jars T-Started 19:53  
 (C) First Final Flow 153  Safety Joint T-Open 21:45  
 (D) Initial Shut-In 843  Circ Sub T-Pulled 23:45  
 (E) Second Initial Flow 169  Hourly Standby T-Out 2:48  
 (F) Second Final Flow 195  Mileage 70 RT <sup>217</sup> Comments locked Tool's @ 17:59  
 (G) Final Shut-In 662  Sampler on 6-12-13  
 (H) Final Hydrostatic 1367  Straddle  Ruined Shale Packer  
 Shale Packer  Ruined Packer  
 Extra Packer  Extra Copies  
 Extra Recorder Sub Total 0  
 Day Standby Total 1367  
 Accessibility MP/DST Disc't \_\_\_\_\_  
 Sub Total 1367

Approved By \_\_\_\_\_ Our Representative Jeff Brown

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.