



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1210851
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: _____

1210851

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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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. 445

Date	6-6-14	Sec.	9	Twp.	13	Range	14	County	Russell	State	KS	On Location	9:30 pm	Finish	10:15 pm
Lease	Machin - Stoppie Unit		Well No.		1		Location		Russell N N Vanhatch 1c7						
Contractor	ROYAL		2		Owner		Vg W IN Nord E 107c								
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.		270		Charge To		PROSPECT OIL GCS						
Csg.	8 5/8		Depth				Street								
Tbg. Size			Depth				City		State						
Tool			Depth		120 ft		The above was done to satisfaction and supervision of owner agent or contractor.								
Cement Left in Csg.	20		Shoe Joint		12 1/2		Cement Amount Ordered		150 COM						
Meas Line			Displace		12.513 BL										
EQUIPMENT													Common		
Pumptrk	7	No.	Cementer	Mitt											
			Helper			Poz. Mix									
Bulktrk	9	No.	Driver	Lorraine		Gel.									
			Driver			Calcium									
Bulktrk	pu	No.	Driver	Ryan		Hulls									
			Driver			Salt									
JOB SERVICES & REMARKS													Flowseal		
Remarks:													Kol-Seal		
Rat Hole													Mud CLR 48		
Mouse Hole													CFL-117 or CD110 CAF 38		
Centralizers													Sand		
Baskets													Handling		
D/V or Port Collar													Mileage		
Cement did Circulate													FLOAT EQUIPMENT		
													Guide Shoe		
Centralizer															
Baskets															
AFU Inserts															
Float Shoe															
Latch Down															
Pumptrk Charge															
Mileage															
Tax															
Discount															
Total Charge															
Signature <i>Tom Blake</i>															

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. 046

Date	Sec.	Twp.	Range	County	State	On Location	Finish
6-12-14	9	13	14	Russell	KS		12:30 AM

Location: Vanhattan Hwy 40 ft to T. 1/2 W. 1/4 to T. 2/4 W. 1/4

Lease	Well No.	Owner	
Mach. 5-10-14	1	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.	
Contractor		Charge To	
Rotary #2		Prospect	
Type Job	T.D.		
Rotary Plug	3320		
Hole Size			
7 7/8			
Csg.	Depth	Street	
Tbg. Size	Depth	City	
		State	
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
		Cement Amount Ordered	280 60/40 4/62 1/4 1/4 1/4
Cement Left in Csg.	Shoe Joint		
Meas Line	Displace		

EQUIPMENT

Pumptrk	No.	Cement	Common
16		Helper	Poz. Mix
		Driver	Gel.
Bulktrk	No.	Driver	Calcium
		Driver	Hulls
Bulktrk	No.	Driver	Salt
14		Driver	Flowseal

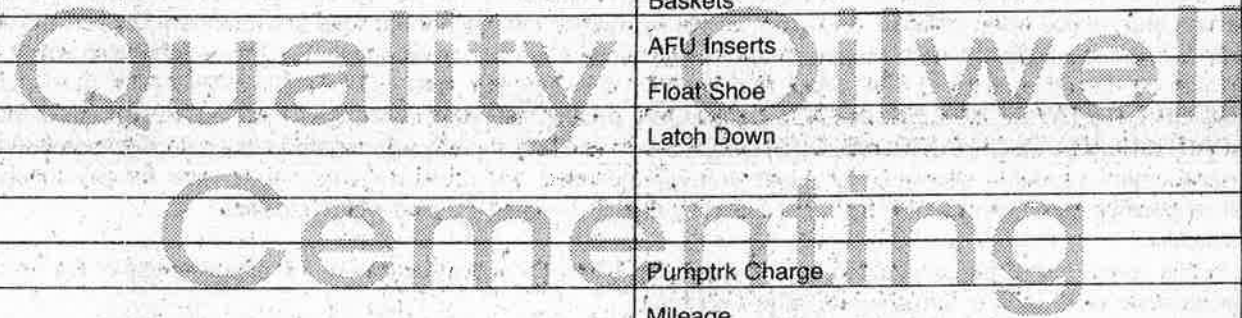
JOB SERVICES & REMARKS

Remarks:	
Rat Hole	30K
Mouse Hole	155K
Centralizers	
Baskets	
D/V or Port Collar	

1st	3220	50SK
2nd	860	50SK
3rd	512	80SK
4th	270	50SK
5th	40	10SK

FLOAT EQUIPMENT

Handling	
Mileage	
Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	



Signature	Pumptrk Charge	Tax
	Mileage	Discount
		Total Charge

Am Blake



DRILL STEM TEST REPORT

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

PO Box 837
Russell KS 67665

ATTN: Brad Hutchison

9-13s-14w Russell,KS

Machin-Stoppel Unit #1

Start Date: 2014.06.10 @ 12:00:00

End Date: 2014.06.10 @ 18:47:00

Job Ticket #: 55291 DST #: 1

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

Printed: 2014.06.12 @ 14:04:49



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Prospect Oil & Gas Corp.

Machin-Stoppel Unit #1

PO Box 837
Russell KS 67665

9-13s-14w Russell,KS

ATTN: Brad Hutchison

Job Ticket: 55291

DST#: 1

Test Start: 2014.06.10 @ 12:00:00

GENERAL INFORMATION:

Formation: **LKC " A - C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:13:30

Time Test Ended: 18:47:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Bob Hamel

Unit No: 67

Interval: 2950.00 ft (KB) To 3030.00 ft (KB) (TVD)

Reference Elevations: 1794.00 ft (KB)

Total Depth: 3030.00 ft (KB) (TVD)

1787.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6625 Outside

Press@RunDepth: 135.24 psig @ 3026.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.10

End Date: 2014.06.10

Last Calib.: 2014.06.10

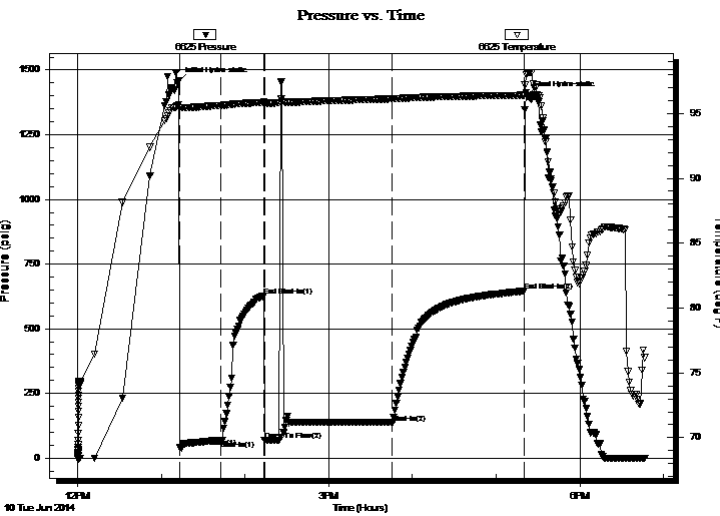
Start Time: 12:00:01

End Time: 18:47:00

Time On Btm: 2014.06.10 @ 13:12:30

Time Off Btm: 2014.06.10 @ 17:22:30

TEST COMMENT: I.F. - 30 - BOB in 9 min
I.S.I. - 30 - No blow back
F.F. - 90 - No blow for 10 min. - flushed tool - Built to BOB in 15 min
F.S.I. - 90 - No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1456.94	95.69	Initial Hydro-static
1	41.22	95.46	Open To Flow (1)
30	68.85	95.61	Shut-In(1)
61	627.51	95.86	End Shut-In(1)
62	68.96	95.71	Open To Flow (2)
153	135.24	96.13	Shut-In(2)
248	645.58	96.41	End Shut-In(2)
250	1399.86	98.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
252.00	MUD 100%	3.53

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Corp.

Machin-Stoppel Unit #1

PO Box 837
Russell KS 67665

9-13s-14w Russell,KS

Job Ticket: 55291

DST#: 1

ATTN: Brad Hutchison

Test Start: 2014.06.10 @ 12:00:00

Tool Information

Drill Pipe:	Length: 2941.00 ft	Diameter: 3.80 inches	Volume: 41.25 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 41.25 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	2950.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	80.00 ft			
Tool Length:	100.00 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			2931.00	
Shut In Tool	5.00			2936.00	
Hydraulic tool	5.00			2941.00	
Packer	4.00			2945.00	20.00 Bottom Of Top Packer
Packer	5.00			2950.00	
Stubb	1.00			2951.00	
Perforations	10.00			2961.00	
Change Over Sub	1.00			2962.00	
Drill Pipe	63.00			3025.00	
Change Over Sub	1.00			3026.00	
Recorder	0.00	6625	Outside	3026.00	
Recorder	0.00	8319	Inside	3026.00	
Bullnose	4.00			3030.00	80.00 Bottom Packers & Anchor

Total Tool Length: 100.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Corp.

Machin-Stoppel Unit #1

PO Box 837
Russell KS 67665

9-13s-14w Russell,KS

Job Ticket: 55291 **DST#: 1**

ATTN: Brad Hutchison

Test Start: 2014.06.10 @ 12:00:00

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: 61.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 2300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
252.00	MUD 100%	3.535

Total Length: 252.00 ft Total Volume: 3.535 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

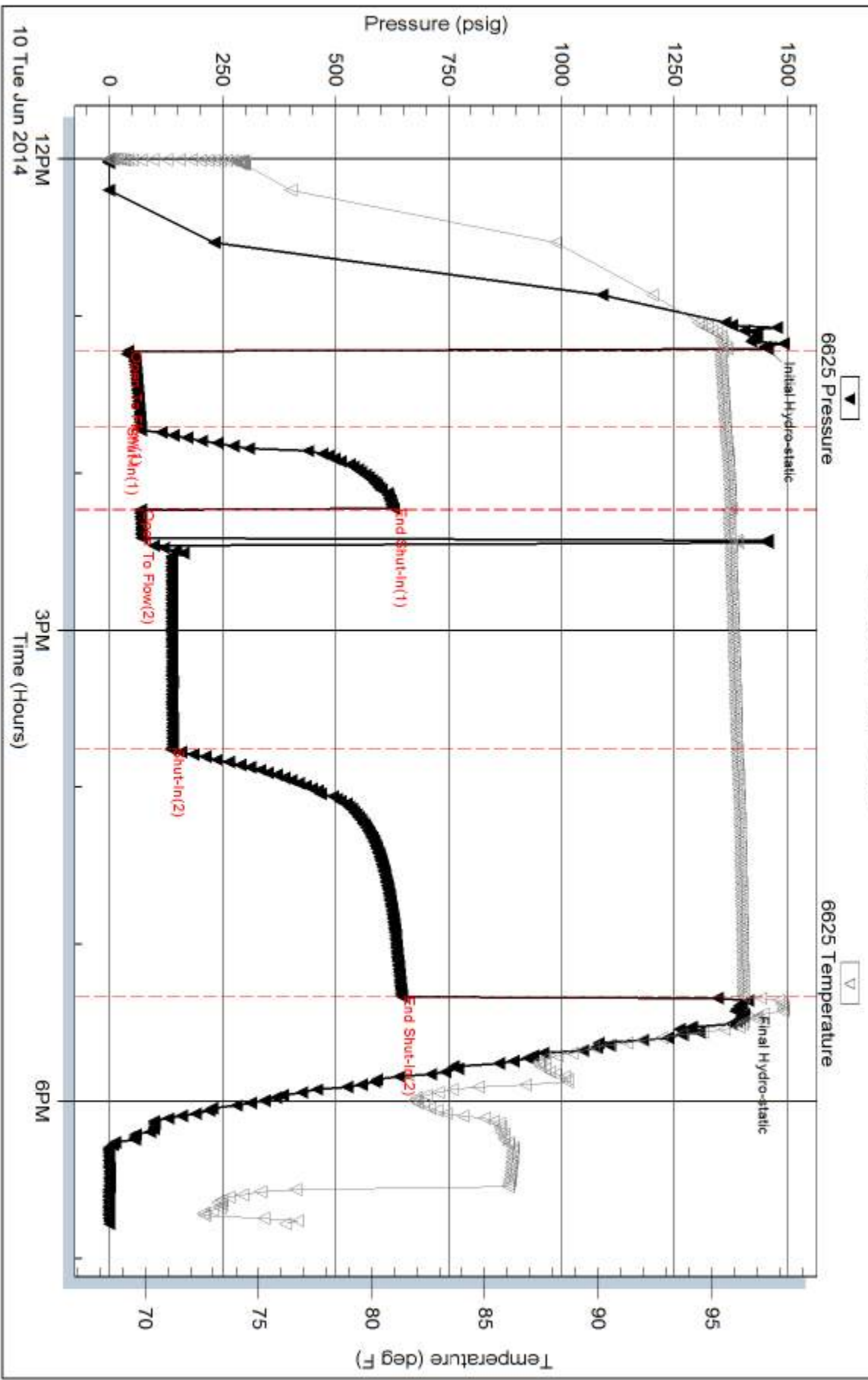
Serial #: 6625

Outside Prospect Oil & Gas Corp.

9-135-14w Russell KS

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 55291

Printed: 2014.06.12 @ 14:04:50

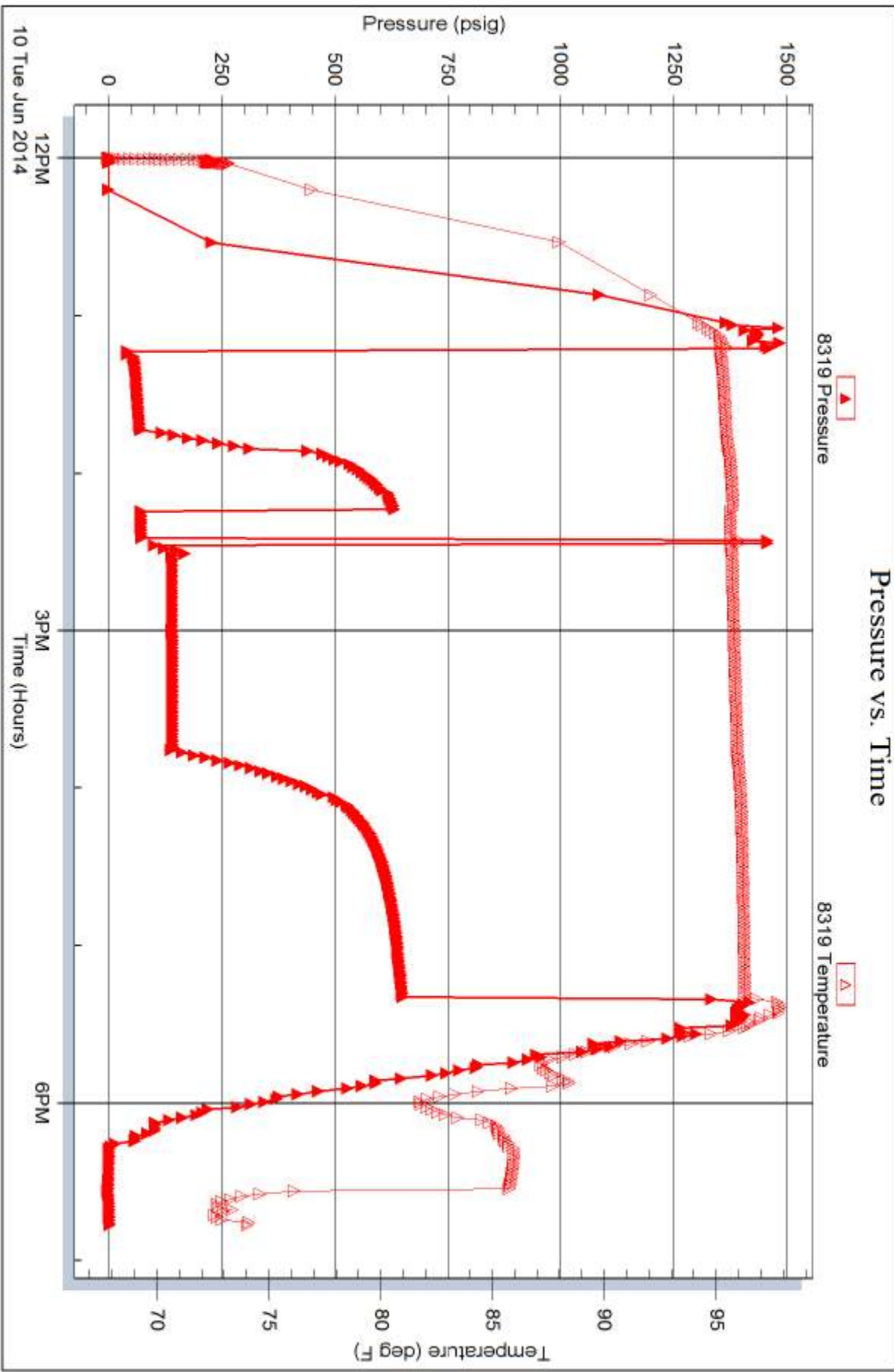
Serial #: 8319

Inside

Prospect Oil & Gas Corp.

9-135-14w Russell,KS

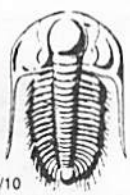
DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 55291

Printed: 2014.06.12 @ 14:04:50



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55291

Well Name & No. Machin - Stuppe unit #1 Test No. 1 Date 6/10/14
 Company Prospect oil & gas corporation Elevation 1794 KB 1787 GL
 Address P.O. Box 837 Russell KS. 67665
 Co. Rep / Geo. Brad Hutchison Rig Royal #2
 Location: Sec. 9 Twp. 13-S. Rge. 14-W. Co. _____ State KS.

Interval Tested 2950-3030 Zone Tested L.K.C. A, B, C
 Anchor Length 80 Drill Pipe Run 2991 Mud Wt. 9.2
 Top Packer Depth 2945 Drill Collars Run — Vis 61
 Bottom Packer Depth 2950 Wt. Pipe Run — WL 7.2
 Total Depth 3030 Chlorides 2,300 ppm System LCM Trace

Blow Description I.F. - 30 - 1/2" INT. Blow Built to (B.O.B. in 9 min.)
I.S.I. - 30 - No B.B.
F.F. - 90 - No Blow @ 10 min. Flushed tool Built to (B.O.B. in 15 min.)
F.S.I. - 90 - No B.B.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>252</u>	Feet of <u>Mud</u>				<u>100</u>
Rec _____	Feet of _____				
Rec _____	Feet of _____				
Rec _____	Feet of _____				

Rec Total 252 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1457 Test 1150 T-On Location 11:30:00
 (B) First Initial Flow 41 Jars _____ T-Started 12:00:00
 (C) First Final Flow 69 Safety Joint _____ T-Open 14:18:00
 (D) Initial Shut-In 628 Circ Sub _____ T-Pulled 18:18:00
 (E) Second Initial Flow 69 Hourly Standby _____ T-Out 18:47:00
 (F) Second Final Flow 135 Mileage 52 / R.t 161.20 Comments Loaded tool on 6-11 @
 (G) Final Shut-In 646 Sampler _____ Flushed tool 13:15:00
 (H) Final Hydrostatic 1400 Straddle _____ "Thank-you"
 Ruined Shale Packer _____
 Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Copies _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1311.20 MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 90
 Final Shut-In 90

Approved By _____ Our Representative [Signature]

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.