



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1188798
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: _____

1188798

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.

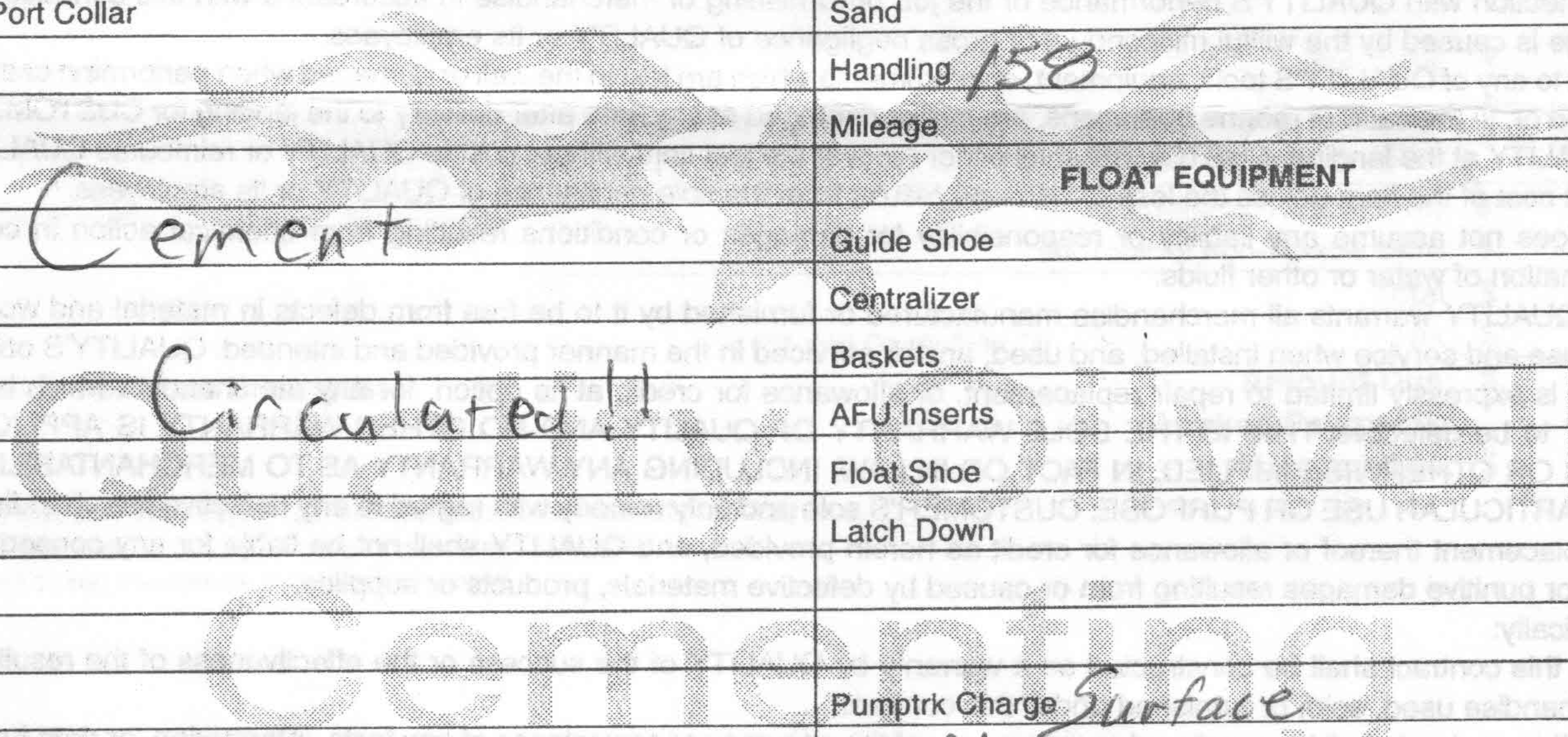
Federal Tax I.D.# 20-2886107

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

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

No. 7009

Date	11-13-13	Sec.	22	Twp.	12	Range	16	County	Ellis	State	KS	On Location		Finish	4:45 AM					
Location													Walker GN 1W 2N E into							
Lease	Erelich "D"			Well No.	#2			Owner												
Contractor	Shields			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	Surface			Charge To								prospect Oil & Gas								
Hole Size	12 1/4			T.D.	221'			Street												
Csg.	8 5/8			Depth	221'			City								State				
Tbg. Size				Depth				The above was done to satisfaction and supervision of owner agent or contractor.												
Tool				Depth				Cement Amount Ordered								150 com 3 & 2				
Cement Left in Csg.	20'			Shoe Joint				Meas Line								Displace 13 bbl				
EQUIPMENT													Common				150			
Pumptrk	16			No.	Cementer			Poz. Mix												
				No.	Helper			Gel.								3				
Bulktrk	9			No.	Driver			Calcium								5				
				No.	Driver			Hulls												
				No.	Driver			Salt												
JOB SERVICES & REMARKS													Remarks:							
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				150			
													Mileage							
Cement													FLOAT EQUIPMENT							
													Guide Shoe							
													Centralizer							
													Baskets							
													AFU Inserts							
													Float Shoe							
													Latch Down							
													Pumptrk Charge				Surface			
													Mileage				21			
Signature													Tax							
													Discount							
													Total Charge							



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. 7569

Date	11-21-13	Sec.	22	Twp.	12	Range	16	County	Ellis	State	Ks	On Location		Finish	5:30 PM
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Lease **Froelich D** Well No. **2** Location **Walker, Ks - 6N to Dead End, 1W, 2N** Owner **E/Into**

Contractor **Shields** To Quality Oilwell Cementing, Inc.
Type Job **Top Stage** 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"** T.D. **3508'** Charge To **Prospect oil + gas**
Csg. **5 1/2" New 14#** Depth **3505'** Street

Tbg. Size Depth City State
Tool **DW Tool** Depth **1228'**

Cement Left in Csg. Shoe Joint Cement Amount Ordered **275 5X QMDC 1/4# Flo-seal**

Meas Line Displace **30 BLS**

EQUIPMENT

Pumptrk 17 No. Cementer Cody #14 Chad Common 275	Helper	Poz. Mix
Bulktrk 1 No. Driver Douglas Gel.	Driver	
Bulktrk pu No. Driver Rick Calcium	Driver	

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal 68#
Centralizers	Kol-Seal
Baskets	Mud CLR 48
	CFL-117 or CD110 CAF 38

D/V or Port Collar **1228'** Top of # 58 pipe on bottom break Circulation plug Rathole w/ 30 5x plug mouse w/ 15 5x Hook to 5 1/2" Casings + Mix 230 5x QMDC 1/4# Flo-seal shut down wash pump + lines Released plug + Displaced w/ 30 BLS water. Released + held

Sand	Handling 275
	Mileage

FLOAT EQUIPMENT

Cement did Circulate.	Guide Shoe
Closed tool w/ 1500 #	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

Witnessed by **KCC Pat Staab**

Pumptrk Charge prod long string	
Mileage NK	

Top Stage

X Signature **Stahl**

Tax	
Discount	
Total Charge	

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

No. 7568

785-324-1041
785-483-2025

Date	11-21-13	Sec.	22	Twp.	12	Range	16	County	Ellis	State	Ks	On Location		Finish	4:00 PM	
Lease	Froelich D							Well No.	2	Owner	2N, E Into					
Contractor	Shields							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	Bottom stage							Charge To Prospect oil + gas								
Hole Size	7 7/8"							T.D.	3508'							
Csg.	14# New 5 1/2"							Depth	3505'							
Tbg. Size								Depth								
Tool	DU Tool							Depth	1228'							
Cement Left in Csg.	16.43'							Shoe Joint	16.43'							
Meas Line								Displace	85 BLS 5% Gilsonite - 500 gal mud Clear 48							
EQUIPMENT												Common 150				
Pumptrk	17	No.		Cementer	Cody	Helper	Rich	Poz. Mix								
Bulktrk	14	No.		Driver	Chad	Gel.										
Bulktrk	1	No.		Driver	Doucy	Calcium										
JOB SERVICES & REMARKS												Hulls				
Remarks:													Salt 13			
Rat Hole													Flowseal			
Mouse Hole													Kol-Seal 750#			
Centralizers	1 3 5 7 9 11 13 15 17 19												Mud CLR 48 500 gal			
Baskets	2, 58'												CFL-117 or CD110 CAF 38			
DU or Port Collar 1228' Top of #58												Sand				
pipe on bottom break Circulation pump 500 gal mud Clear 48, pump 10 BL water spaces mix 150 sk Cement, shut down wash pump + lines Released plug + Displaced with 85 BLS of water. Released + held Drop Dart wait 10 min. open tool w/ 1200#												Handling 170				
												Mileage				
												FLOAT EQUIPMENT				
												Guide Shoe				
												Centralizer 10 turbo's 2 Reg				
												Baskets 2				
												AFU Inserts				
												Float Shoe 1				
												Latch Down 1				
Lift pressure 600 #												1-DU Tool Assy.				
Land plug to 1500 #												1-1000# Clamp				
												Pumptrk Charge prod Long String				
												Mileage 21				
												Tax				
												Discount				
												Total Charge				
Signature <i>Shields</i>																

Bottom Stage



DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas**

PO Box 837
Russell KS. 676656

ATTN: Brad Hutchinson

Froelich "D" #2

22-12s-16w Ellis,KS

Start Date: 2013.11.18 @ 22:15:00

End Date: 2013.11.19 @ 04:41:20

Job Ticket #: 55861 DST #: 1

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

Printed: 2013.11.22 @ 10:38:56



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Prospect Oil & Gas

22-12s-16w Ellis,KS

PO Box 837
Russell KS. 676656

Froelich "D" #2

Job Ticket: 55861

DST#: 1

ATTN: Brad Hutchinson

Test Start: 2013.11.18 @ 22:15:00

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:08:15

Time Test Ended: 04:41:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Bob Hamel

Unit No: 44

Interval: 3180.00 ft (KB) To 3295.00 ft (KB) (TVD)

Reference Elevations: 2035.00 ft (KB)

Total Depth: 3295.00 ft (KB) (TVD)

2030.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6669

Inside

Press@RunDepth: 102.83 psig @ 3279.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.18

End Date:

2013.11.19

Last Calib.:

2013.11.19

Start Time: 22:15:05

End Time:

04:41:29

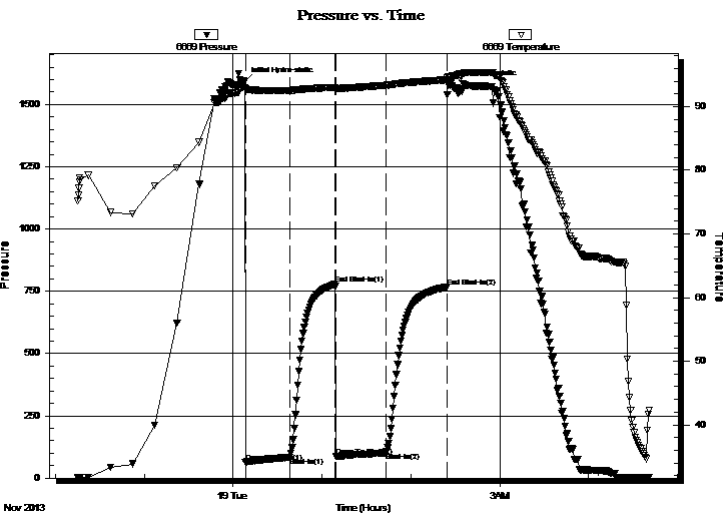
Time On Btm:

2013.11.19 @ 00:07:45

Time Off Btm:

2013.11.19 @ 02:25:30

TEST COMMENT: I.F. - 30 - Weak surface blow built to 1/4 "
I.S.I. - 30 - No blow back
F.F. - 30 - Weak surface blow died in 8 min
F.S.I. - 30 - No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1593.29	93.03	Initial Hydro-static
1	64.10	92.76	Open To Flow (1)
31	83.98	92.50	Shut-In(1)
61	778.42	93.04	End Shut-In(1)
62	86.81	92.88	Open To Flow (2)
96	102.83	93.33	Shut-In(2)
137	767.20	94.21	End Shut-In(2)
138	1578.19	94.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	Mud	0.51

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas

22-12s-16w Ellis,KS

PO Box 837
Russell KS. 676656

Froelich "D" #2

Job Ticket: 55861

DST#: 1

ATTN: Brad Hutchinson

Test Start: 2013.11.18 @ 22:15:00

Tool Information

Drill Pipe:	Length: 2710.00 ft	Diameter: 3.80 inches	Volume: 38.01 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 469.00 ft	Diameter: 2.75 inches	Volume: 3.45 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 41.46 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3180.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	115.00 ft			
Tool Length:	134.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3166.00	
Hydraulic tool	5.00			3171.00	
Packer	5.00			3176.00	19.00 Bottom Of Top Packer
Packer	4.00			3180.00	
Stubb	1.00			3181.00	
Perforations	4.00			3185.00	
Change Over Sub	1.00			3186.00	
Drill Pipe	92.00			3278.00	
Change Over Sub	1.00			3279.00	
Recorder	0.00	6669	Inside	3279.00	
Recorder	0.00	8875	Outside	3279.00	
Perforations	13.00			3292.00	
Bullnose	3.00			3295.00	115.00 Bottom Packers & Anchor

Total Tool Length: 134.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas

22-12s-16w Ellis,KS

PO Box 837
Russell KS. 676656

Froelich "D" #2

Job Ticket: 55861

DST#: 1

ATTN: Brad Hutchinson

Test Start: 2013.11.18 @ 22:15:00

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: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	Mud	0.514

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

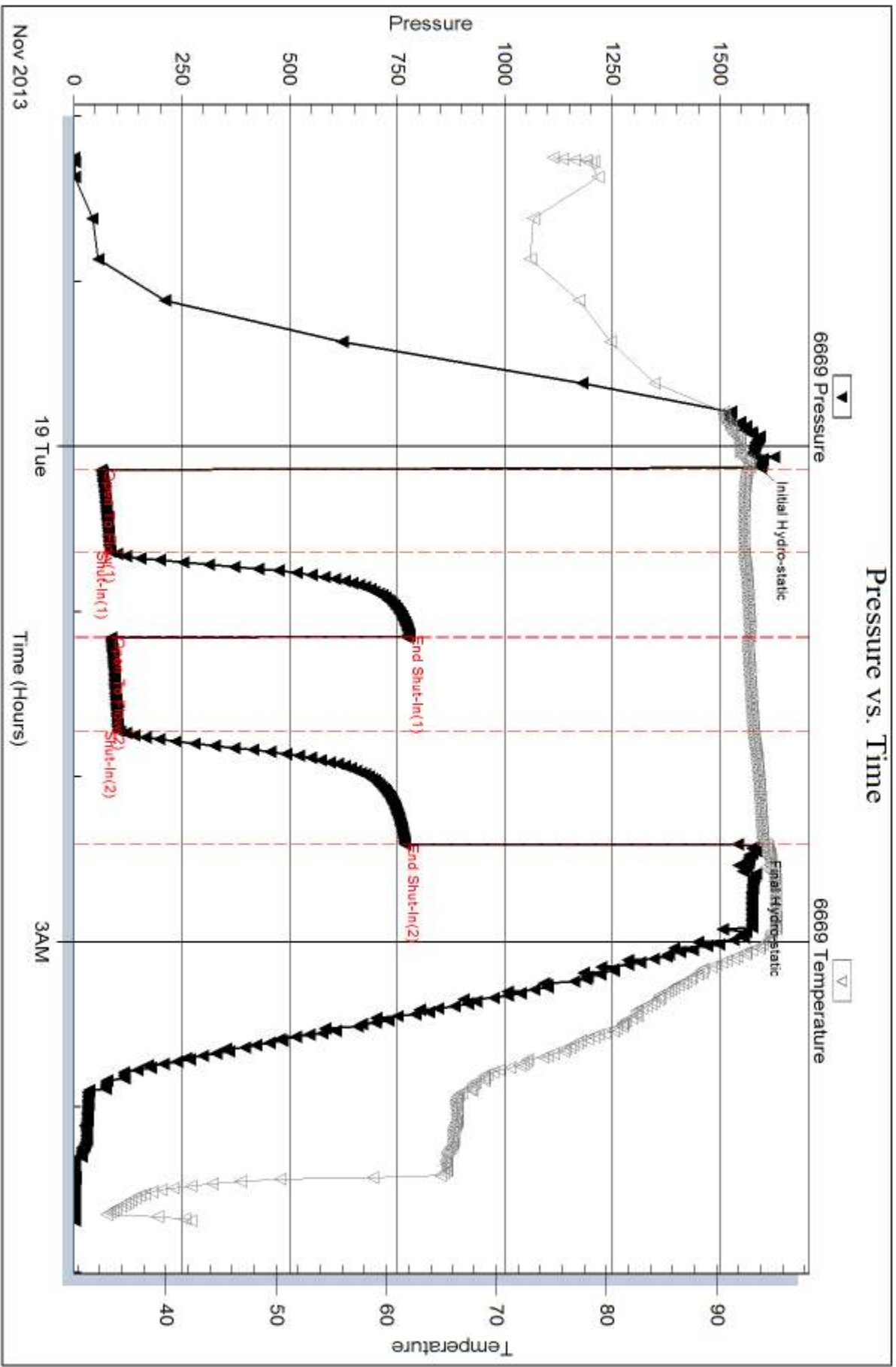
Serial #: 6669

Inside

Prospect Oil & Gas

Froelich "D" #2

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 55861

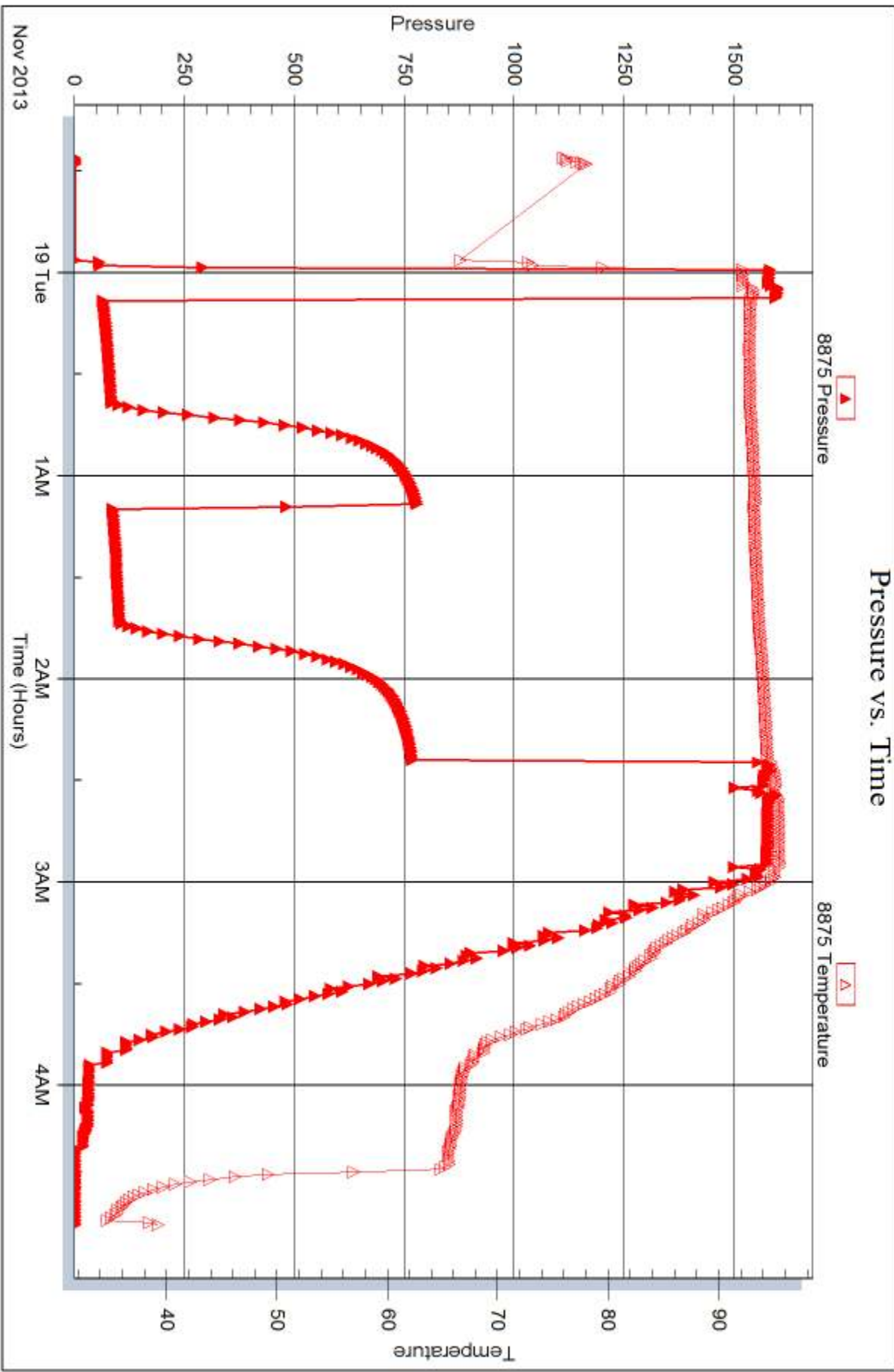
Printed: 2013.11.22 @ 10:38:58

Serial #: 8875

Outside Prospect Oil & Gas

Froelich "D" #2

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas**

PO Box 837
Russell KS. 676656

ATTN: Brad Hutchinson

Froelich "D" #2

22-12s-16w Ellis,KS

Start Date: 2013.11.18 @ 15:36:05

End Date: 2013.11.18 @ 22:35:58

Job Ticket #: 55862 DST #: 2

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

Printed: 2013.11.22 @ 10:37:40



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Prospect Oil & Gas

22-12s-16w Ellis,KS

PO Box 837
Russell KS. 676656

Froelich "D" #2

Job Ticket: 55862

DST#: 2

ATTN: Brad Hutchinson

Test Start: 2013.11.18 @ 15:36:05

GENERAL INFORMATION:

Formation: **LKC. "E-G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:11:13

Time Test Ended: 22:35:58

Test Type: Conventional Bottom Hole (Reset)

Tester: Bob Hamel

Unit No: 44

Interval: 3295.00 ft (KB) To 3342.00 ft (KB) (TVD)

Reference Elevations: 2035.00 ft (KB)

Total Depth: 3295.00 ft (KB) (TVD)

2030.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6669

Inside

Press@RunDepth: 199.71 psig @ 3334.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.18

End Date:

2013.11.18

Last Calib.: 2013.11.18

Start Time: 15:36:05

End Time:

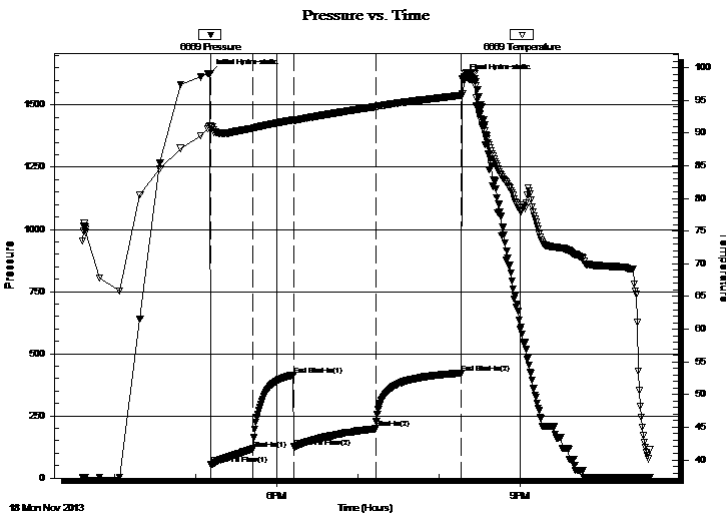
22:35:58

Time On Btm: 2013.11.18 @ 17:10:28

Time Off Btm: 2013.11.18 @ 20:17:43

TEST COMMENT: I.F. - 30 - BOB in 2 1/2 min
I.S.I - 30 - Weak surface blow back built to 3 1/2"
F.F - 60 - BOB in 10 min
F.S.I. - 60 - Weak surface blow back built to 5 1/2"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1625.55	91.10	Initial Hydro-static
1	55.43	90.89	Open To Flow (1)
32	117.10	90.73	Shut-In(1)
62	414.65	92.02	End Shut-In(1)
63	125.64	91.96	Open To Flow (2)
123	199.71	94.04	Shut-In(2)
186	422.44	95.75	End Shut-In(2)
188	1604.73	96.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	SOSMW 5%MUD 95%WATER (FEW OIL) 0.93CS)	
461.00	SMCHGO 5%MUD 40%GAS 55%OIL	4.82
0.00	378 GIP 100% GAS	0.00

* 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

22-12s-16w Ellis,KS

PO Box 837
Russell KS. 676656

Froelich "D" #2

Job Ticket: 55862

DST#: 2

ATTN: Brad Hutchinson

Test Start: 2013.11.18 @ 15:36:05

Tool Information

Drill Pipe:	Length: 2920.00 ft	Diameter: 3.80 inches	Volume: 40.96 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 373.00 ft	Diameter: 2.75 inches	Volume: 2.74 bbl	Weight set on Packer:	25000.00 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: 43.70 bbl</u>	Tool Chased	3.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	3295.00 ft			Final	42000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	47.00 ft				
Tool Length:	66.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: "WEIGHT INDICATOR NOT WORKING PROPERLY"

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3281.00	
Hydraulic tool	5.00			3286.00	
Packer	5.00			3291.00	19.00 Bottom Of Top Packer
Packer	4.00			3295.00	
Stubb	1.00			3296.00	
Perforations	4.00			3300.00	
Change Over Sub	1.00			3301.00	
Drill Pipe	32.00			3333.00	
Change Over Sub	1.00			3334.00	
Recorder	0.00	6669	Inside	3334.00	
Recorder	0.00	8875	Outside	3334.00	
Perforations	5.00			3339.00	
Bullnose	3.00			3342.00	47.00 Bottom Packers & Anchor

Total Tool Length: 66.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas

22-12s-16w Ellis,KS

PO Box 837
Russell KS. 676656

Froelich "D" #2

Job Ticket: 55862

DST#: 2

ATTN: Brad Hutchinson

Test Start: 2013.11.18 @ 15:36:05

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:

35000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
126.00	SOSMW 5%MUD 95%WATER (FEW OIL SPE	0.926
461.00	SMCHGO 5%MUD 40%GAS 55%OIL	4.816
0.00	378 GIP 100% GAS	0.000

Total Length: 587.00 ft Total Volume: 5.742 bbl

Num Fluid Samples: 0

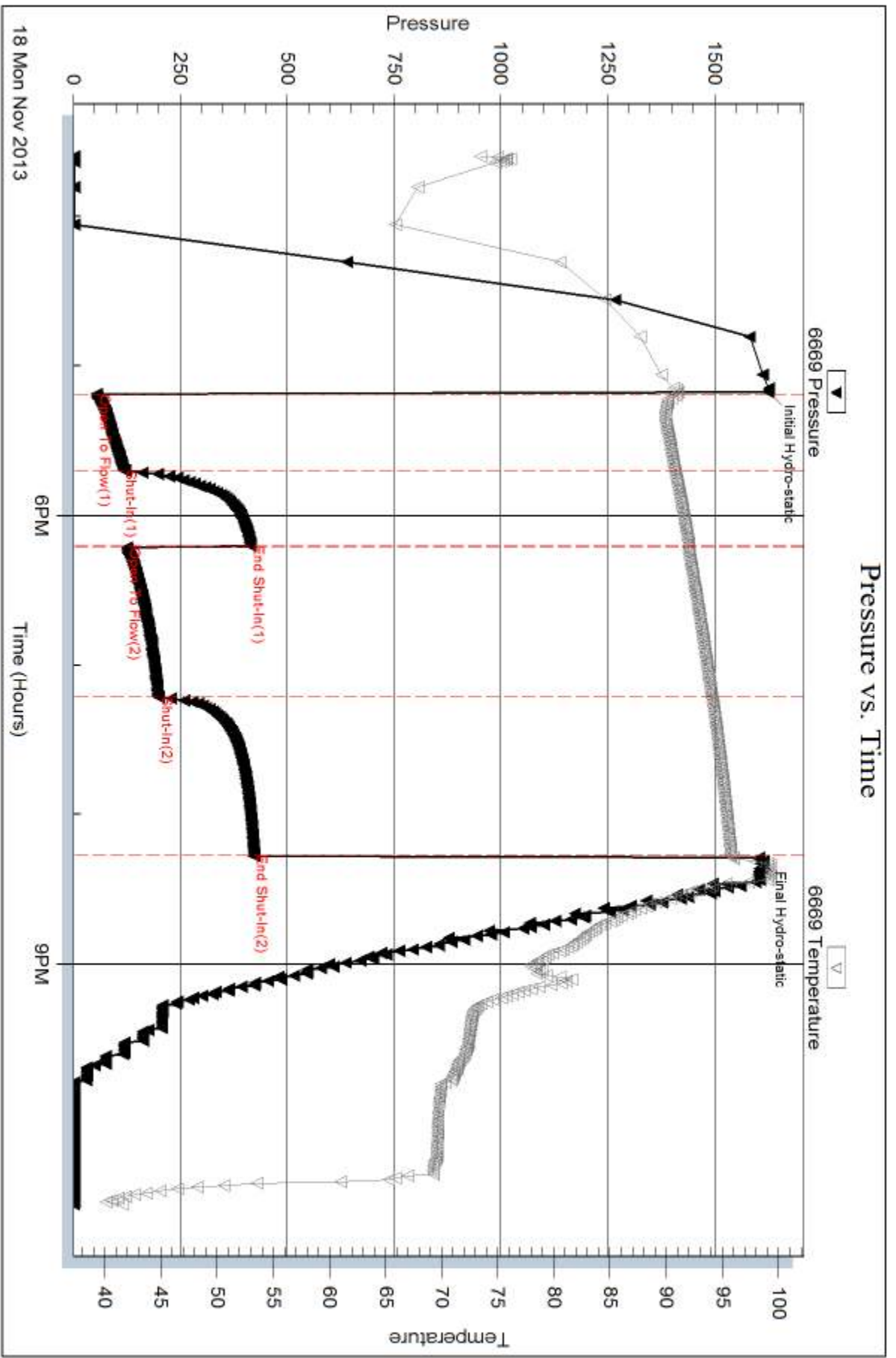
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: R.W. = .51@ 45 F

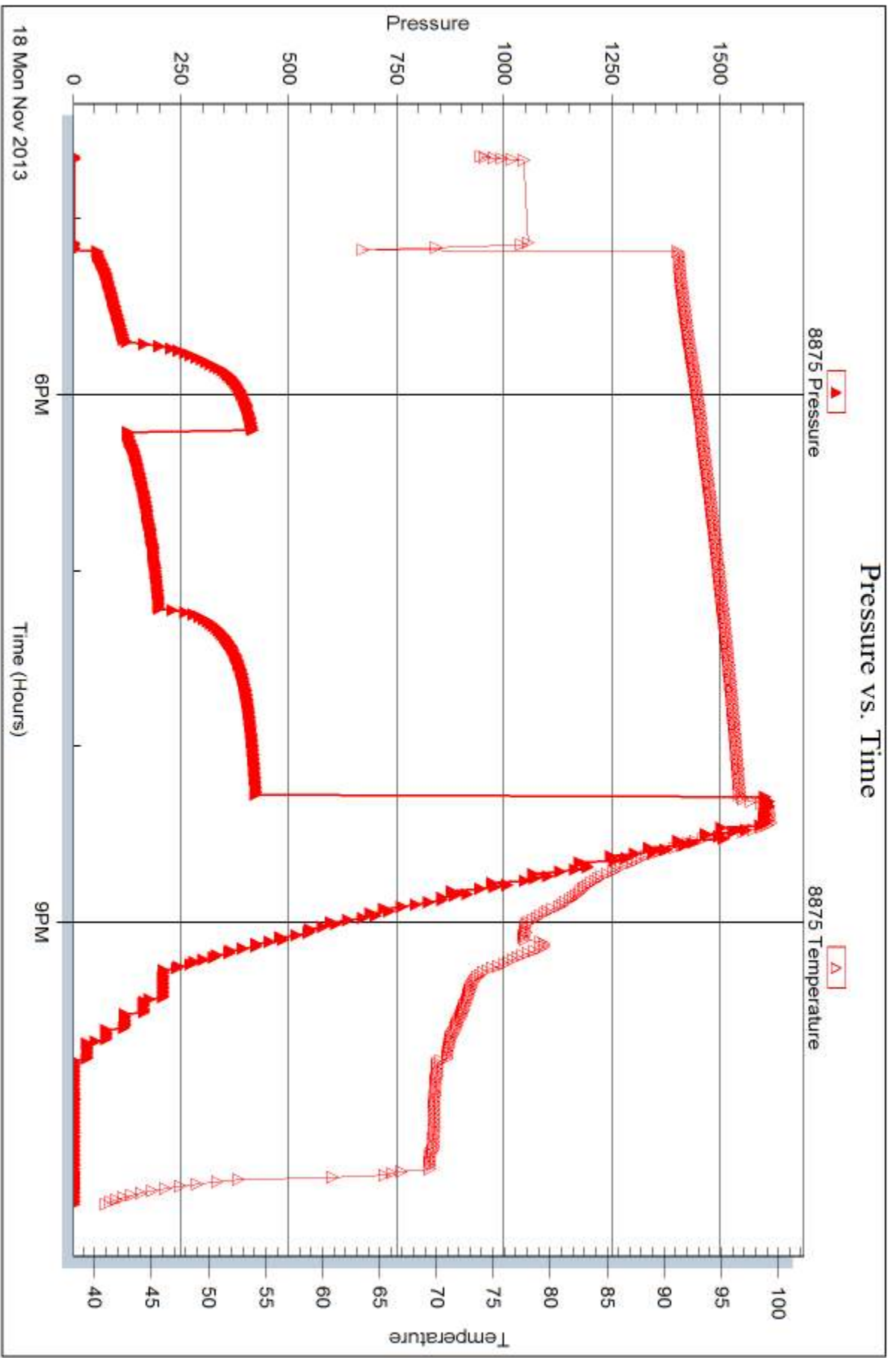


Serial #: 8875

Outside Prospect Oil & Gas

Froelich "D" #2

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 55862

Printed: 2013.11.22 @ 10:37:42



DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas**

PO Box 837
Russell KS. 676656

ATTN: Brad Hutchinson

Froelich "D" #2

22-12s-16w Ellis,KS

Start Date: 2013.11.19 @ 19:11:00

End Date: 2013.11.20 @ 03:43:45

Job Ticket #: 55356 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.11.22 @ 10:37:02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Prospect Oil & Gas

22-12s-16w Ellis,KS

PO Box 837
Russell KS. 676656

Froelich "D" #2

Job Ticket: 55356

DST#: 3

ATTN: Brad Hutchinson

Test Start: 2013.11.19 @ 19:11:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:36:15

Time Test Ended: 03:43:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Tim Phillips

Unit No: 53

Interval: 3455.00 ft (KB) To 3508.00 ft (KB) (TVD)

Reference Elevations: 2035.00 ft (KB)

Total Depth: 3508.00 ft (KB) (TVD)

2030.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6799 Inside

Press@RunDepth: 217.93 psig @ 3456.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.19 End Date: 2013.11.20

Last Calib.: 2013.11.19

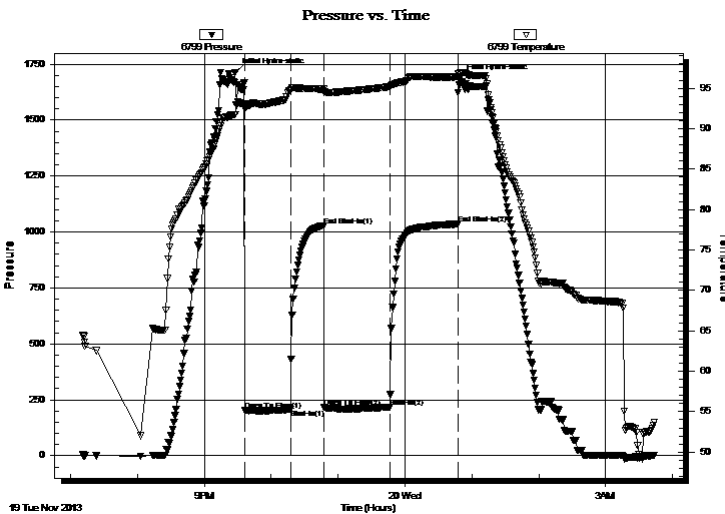
Start Time: 19:11:05 End Time: 03:43:45

Time On Btm: 2013.11.19 @ 21:27:45

Time Off Btm: 2013.11.20 @ 00:49:30

TEST COMMENT: IFP-45-Weak surface blow . Built to 3 1/4"
ISI-30-Dead no blow back
FF-60-built to 4 1/4"
FSI-60-Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1713.20	91.75	Initial Hydro-static
9	202.05	92.40	Open To Flow (1)
50	209.15	94.71	Shut-In(1)
80	1028.53	94.90	End Shut-In(1)
80	215.99	94.52	Open To Flow (2)
139	217.93	95.19	Shut-In(2)
200	1035.72	96.41	End Shut-In(2)
202	1685.61	96.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	Oil, 95%O, 5%M	0.73
248.00	SSOCM 5% O, 95% M	1.82
152.00	SOCM 10% O, 80%M	1.93

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas

22-12s-16w Ellis,KS

PO Box 837
Russell KS. 676656

Froelich "D" #2

Job Ticket: 55356

DST#: 3

ATTN: Brad Hutchinson

Test Start: 2013.11.19 @ 19:11:00

Tool Information

Drill Pipe:	Length: 3086.00 ft	Diameter: 3.80 inches	Volume: 43.29 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 378.00 ft	Diameter: 2.75 inches	Volume: 2.78 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 48000.00 lb
			<u>Total Volume: 46.07 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3455.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	74.00 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			3435.00	
Shut In Tool	5.00			3440.00	
Hydraulic tool	5.00			3445.00	
Packer	5.00			3450.00	21.00 Bottom Of Top Packer
Packer	5.00			3455.00	
Stubb	1.00			3456.00	
Recorder	0.00	6799	Inside	3456.00	
Recorder	0.00	8648	Outside	3456.00	
Perforations	16.00			3472.00	
Change Over Sub	1.00			3473.00	
Drill Pipe	31.00			3504.00	
Change Over Sub	1.00			3505.00	
Bullnose	3.00			3508.00	53.00 Bottom Packers & Anchor

Total Tool Length: 74.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas

22-12s-16w Ellis,KS

PO Box 837
Russell KS. 676656

Froelich "D" #2

Job Ticket: 55356

DST#: 3

ATTN: Brad Hutchinson

Test Start: 2013.11.19 @ 19:11:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 47.00 sec/qt
Water Loss: 7.78 in³
Resistivity: ohm.m
Salinity: 3700.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	Oil, 95%O, 5%M	0.735
248.00	SSOCM 5% O, 95% M	1.822
152.00	SOCM 10% O, 80%M	1.932

Total Length: 500.00 ft Total Volume: 4.489 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

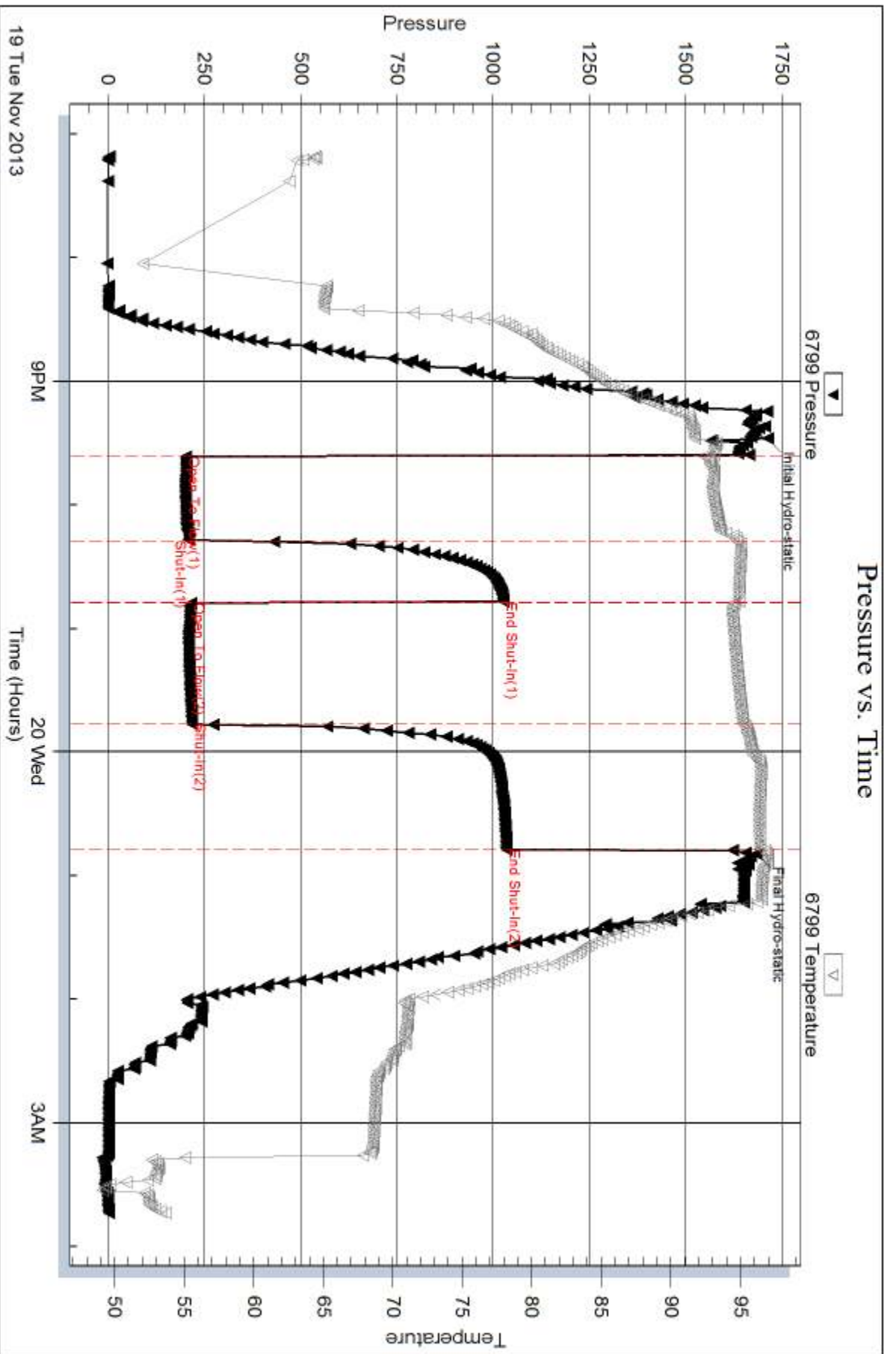
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Inside

Prospect Oil & Gas

Froelich "D" #2

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 55356

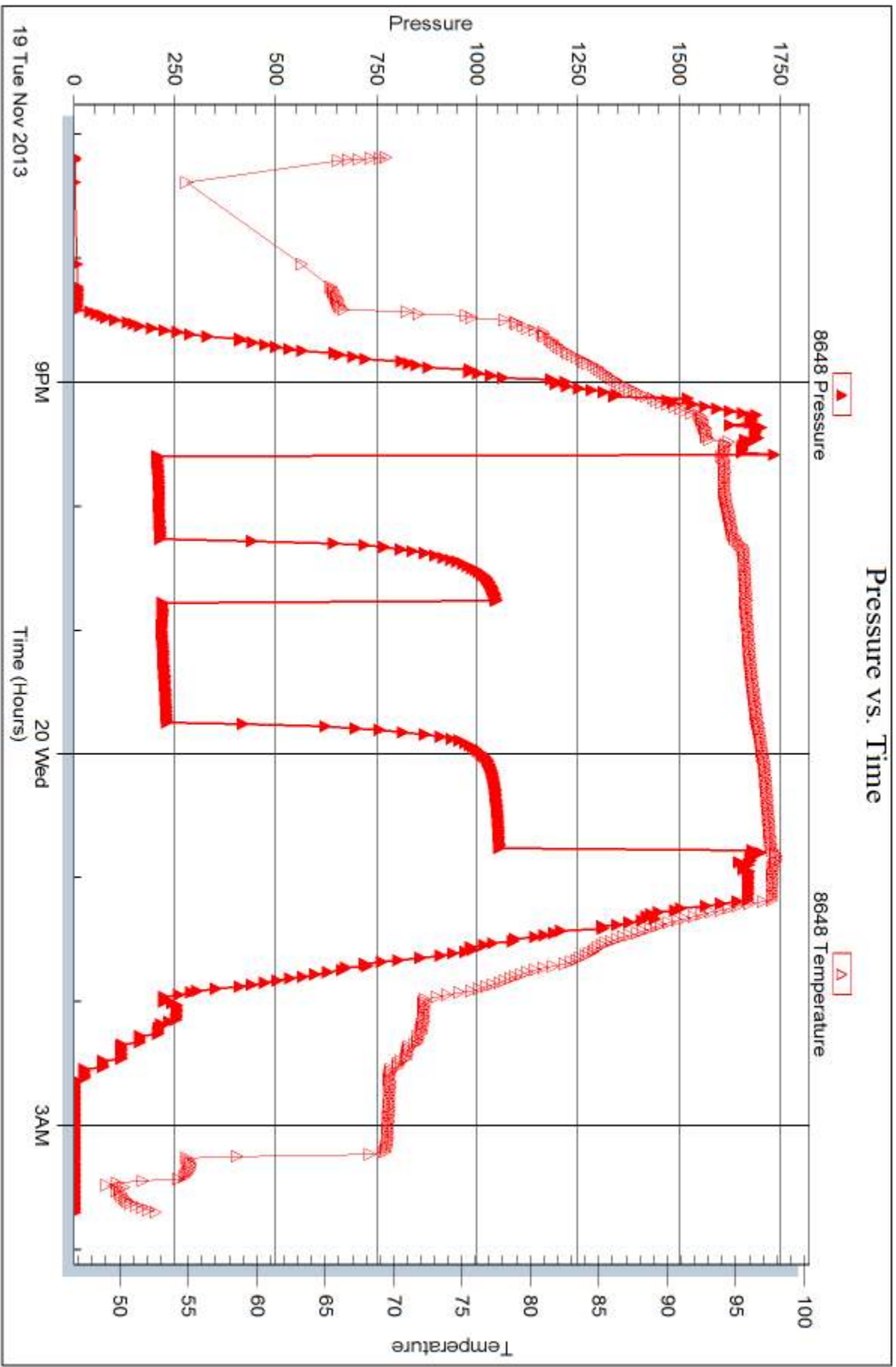
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Serial #: 8648

Outside Prospect Oil & Gas

Froelich "D" #2

DST Test Number: 3



Tribble Testing, Inc

Ref. No: 55356

Printed: 2013.11.22 @ 10:37:04



DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas**

PO Box 837
Russell KS. 676656

ATTN: Brad Hutchinson

Froelich "D" #2

22-12s-16w Ellis,KS

Start Date: 2013.11.20 @ 04:37:10

End Date: 2013.11.20 @ 09:43:10

Job Ticket #: 55357 DST #: 4

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

Printed: 2013.11.22 @ 10:36:15



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prospect Oil & Gas

22-12s-16w Ellis,KS

PO Box 837
Russell KS. 676656

Froelich "D" #2

Job Ticket: 55357

DST#: 4

ATTN: Brad Hutchinson

Test Start: 2013.11.20 @ 04:37:10

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:37:10

Time Test Ended: 09:43:10

Test Type: Conventional Bottom Hole (Reset)

Tester: Tim Phillips

Unit No: 53

Interval: 3502.00 ft (KB) To 3508.00 ft (KB) (TVD)

Reference Elevations: 2035.00 ft (KB)

Total Depth: 3508.00 ft (KB) (TVD)

2030.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6799

Inside

Press@RunDepth: 1672.52 psig @ 3503.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.20

End Date:

2013.11.20

Last Calib.:

2013.11.19

Start Time:

04:37:15

End Time:

09:43:09

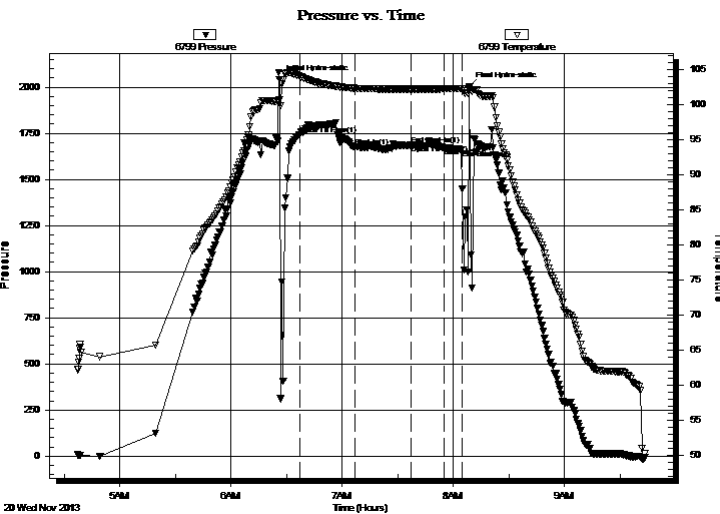
Time On Btm:

2013.11.20 @ 06:26:10

Time Off Btm:

2013.11.20 @ 08:08:40

TEST COMMENT: IFP-30-Blow built to 1 1/2" Died back to 1"
ISI-30-Dead no blow back
FF-20-Dead no blow
FSI-15-Dead no blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2040.39	100.72	Initial Hydro-static
11	1743.94	104.07	Open To Flow (1)
41	1677.64	102.39	Shut-In(1)
71	1686.78	102.27	End Shut-In(1)
71	1686.82	102.27	Open To Flow (2)
89	1672.52	102.29	Shut-In(2)
99	1660.98	102.31	End Shut-In(2)
103	2000.60	102.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.07

* 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

22-12s-16w Ellis,KS

PO Box 837
Russell KS. 676656

Froelich "D" #2

Job Ticket: 55357

DST#: 4

ATTN: Brad Hutchinson

Test Start: 2013.11.20 @ 04:37:10

Tool Information

Drill Pipe:	Length: 3020.00 ft	Diameter: 3.80 inches	Volume: 42.36 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 469.00 ft	Diameter: 2.75 inches	Volume: 3.45 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 15000.00 lb
			<u>Total Volume: 45.81 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3502.00 ft			Final 43500.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	6.00 ft			
Tool Length:	27.00 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			3482.00	
Shut In Tool	5.00			3487.00	
Hydraulic tool	5.00			3492.00	
Packer	5.00			3497.00	21.00 Bottom Of Top Packer
Packer	5.00			3502.00	
Stubb	1.00			3503.00	
Recorder	0.00	6799	Inside	3503.00	
Recorder	0.00	8648	Outside	3503.00	
Perforations	2.00			3505.00	
Bullnose	3.00			3508.00	6.00 Bottom Packers & Anchor
Total Tool Length:	27.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas

22-12s-16w Ellis,KS

PO Box 837
Russell KS. 676656

Froelich "D" #2

Job Ticket: 55357

DST#: 4

ATTN: Brad Hutchinson

Test Start: 2013.11.20 @ 04:37:10

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: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud	0.073

Total Length: 10.00 ft Total Volume: 0.073 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6799

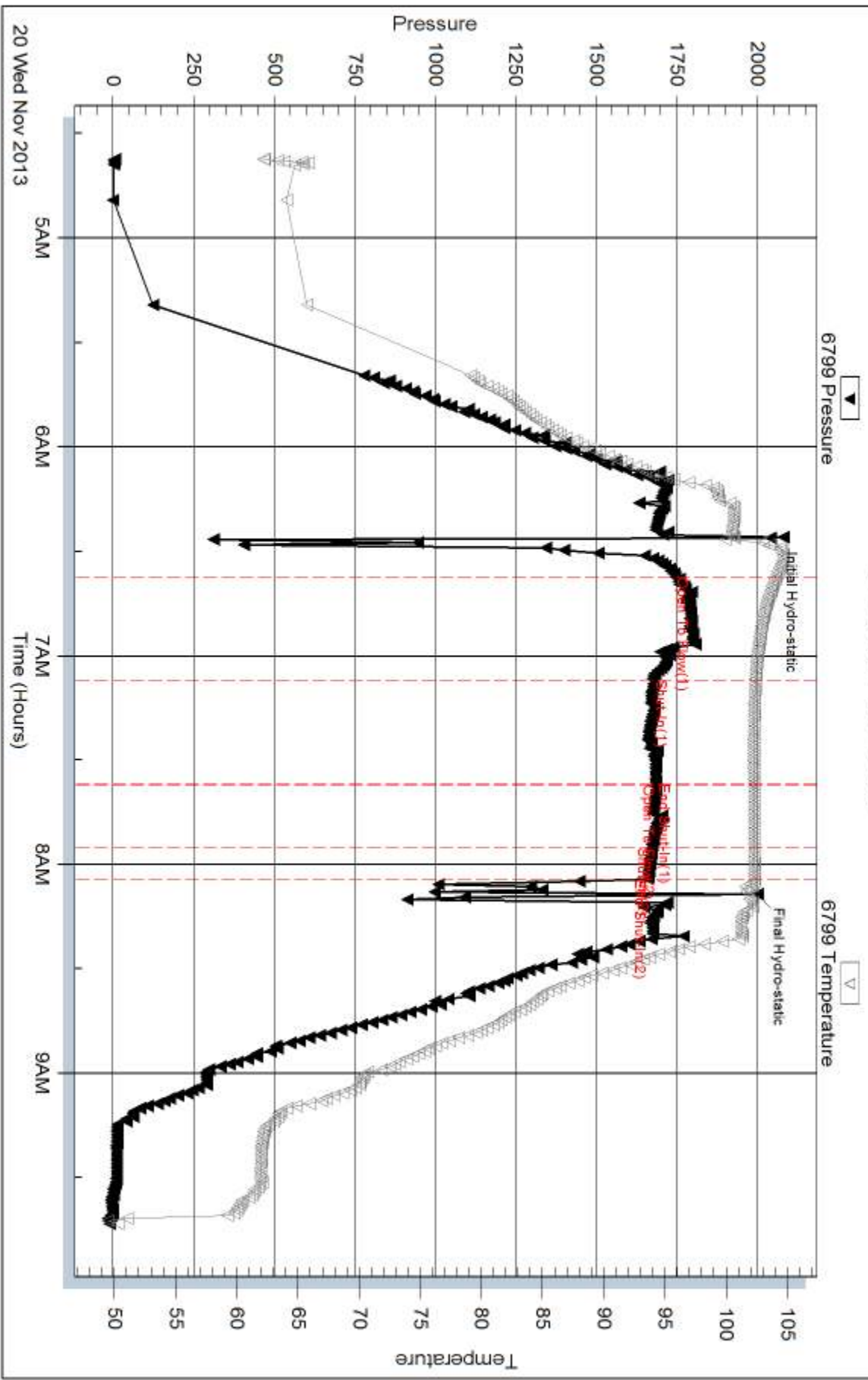
Inside

Prospect Oil & Gas

Froelich "D" #2

DST Test Number: 4

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 55357

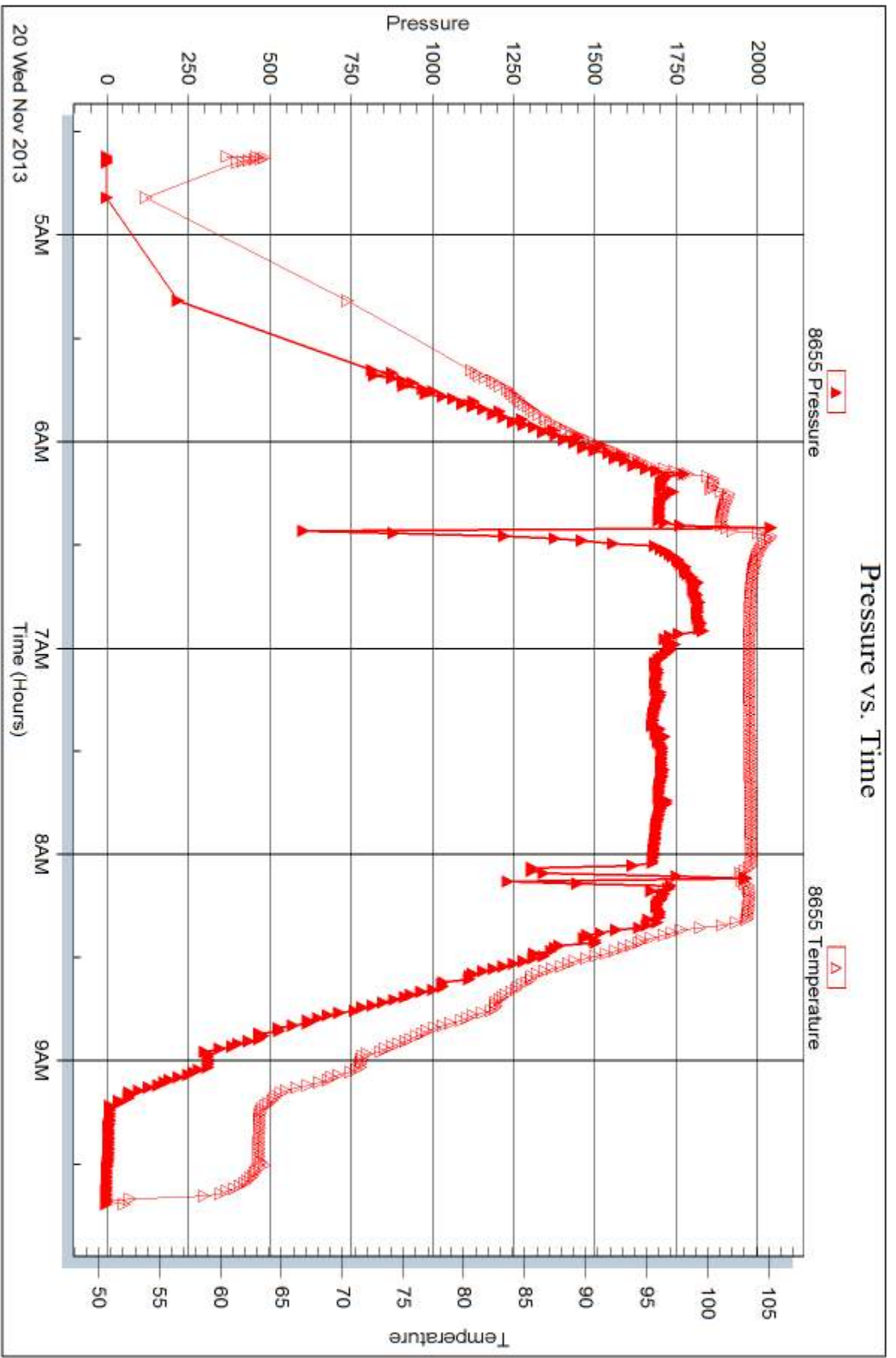
Printed: 2013.11.22 @ 10:36:17

Serial #: 8655

Prospect Oil & Gas

Froelich "D" #2

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas**

PO Box 837
Russell KS. 676656

ATTN: Brad Hutchinson

Froelich "D" #2

22-12s-16w Ellis,KS

Start Date: 2013.11.19 @ 14:22:00

End Date: 2013.11.19 @ 20:40:45

Job Ticket #: 55358 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.11.22 @ 10:35:27



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Prospect Oil & Gas

22-12s-16w Ellis,KS

PO Box 837
Russell KS. 676656

Froelich "D" #2

Job Ticket: 55358

DST#: 5

ATTN: Brad Hutchinson

Test Start: 2013.11.19 @ 14:22:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:17:45

Time Test Ended: 20:40:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Cody Bloedorn

Unit No: 53

Interval: 3456.00 ft (KB) To 3508.00 ft (KB) (TVD)

Reference Elevations: 2035.00 ft (KB)

Total Depth: 3508.00 ft (KB) (TVD)

2030.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6799 Inside

Press@RunDepth: 92.99 psig @ 3495.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.19 End Date: 2013.11.19

Last Calib.: 2013.11.19

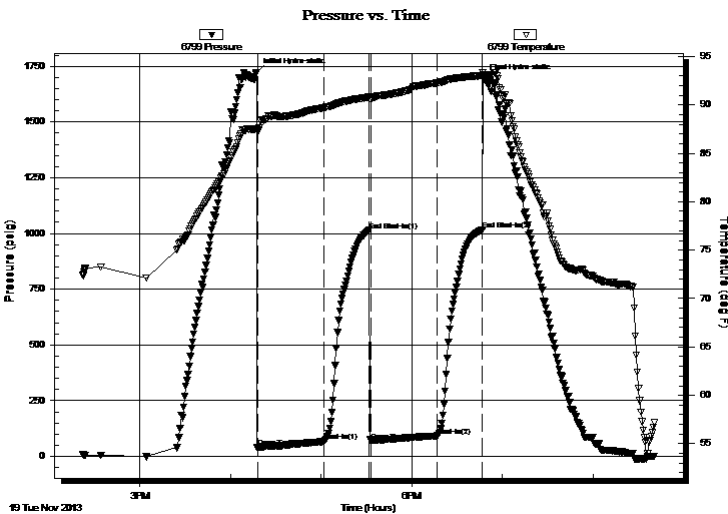
Start Time: 14:22:05 End Time: 20:40:44

Time On Btm: 2013.11.19 @ 16:17:00

Time Off Btm: 2013.11.19 @ 18:47:00

TEST COMMENT: 45 - IF- 3 3/4" blow
30 - IS- No return
45 - FF- 3" blow
30 - FS- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1722.11	87.58	Initial Hydro-static
1	40.48	87.40	Open To Flow (1)
45	67.22	89.71	Shut-In(1)
75	1014.07	90.80	End Shut-In(1)
76	70.19	90.71	Open To Flow (2)
120	92.99	92.27	Shut-In(2)
150	1015.60	93.03	End Shut-In(2)
150	1693.58	93.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	HOCM, 50%M, 50%O	0.92
25.00	HOCM, 40%O, 60%M	0.18

* 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

22-12s-16w Ellis,KS

PO Box 837
Russell KS. 676656

Froelich "D" #2

Job Ticket: 55358

DST#: 5

ATTN: Brad Hutchinson

Test Start: 2013.11.19 @ 14:22:00

Tool Information

Drill Pipe:	Length: 2994.00 ft	Diameter: 3.80 inches	Volume: 42.00 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 465.00 ft	Diameter: 2.75 inches	Volume: 3.42 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: 48000.00 lb
			<u>Total Volume: 45.42 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3456.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	72.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3437.00	
Shut In Tool	5.00			3442.00	
Hydraulic tool	5.00			3447.00	
Packer	5.00			3452.00	20.00 Bottom Of Top Packer
Packer	4.00			3456.00	
Stubb	1.00			3457.00	
Perforations	5.00			3462.00	
Change Over Sub	1.00			3463.00	
Drill Pipe	31.00			3494.00	
Change Over Sub	1.00			3495.00	
Recorder	0.00	6799	Inside	3495.00	
Recorder	0.00	8648	Outside	3495.00	
Perforations	10.00			3505.00	
Bullnose	3.00			3508.00	52.00 Bottom Packers & Anchor

Total Tool Length: 72.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas

22-12s-16w Ellis,KS

PO Box 837
Russell KS. 676656

Froelich "D" #2

Job Ticket: 55358

DST#: 5

ATTN: Brad Hutchinson

Test Start: 2013.11.19 @ 14:22:00

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: 49.00 sec/qt

Cushion Volume: bbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 3900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	HOCM, 50%M, 50%O	0.918
25.00	HOCM, 40%O, 60%M	0.184

Total Length: 150.00 ft Total Volume: 1.102 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6799

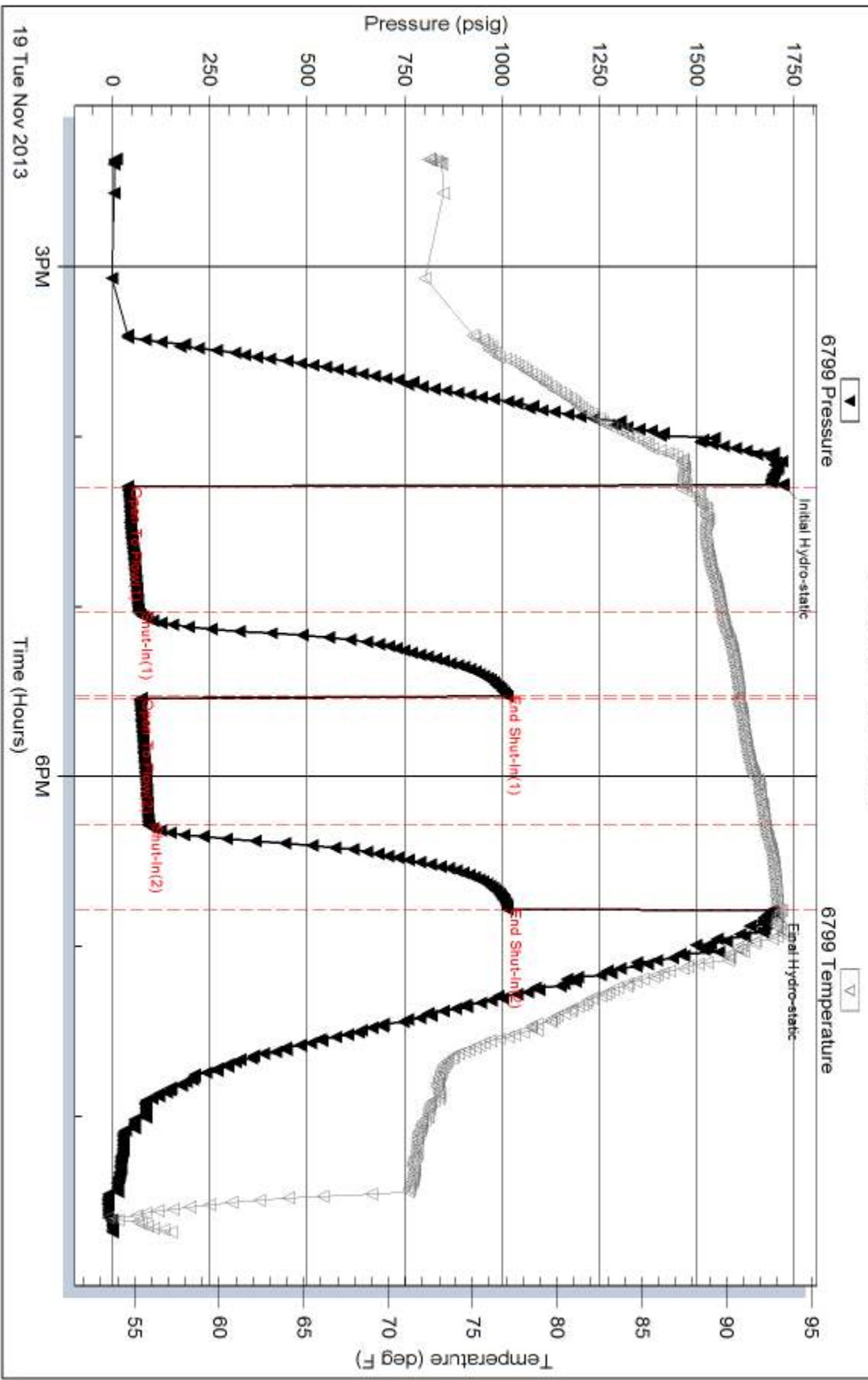
Inside

Prospect Oil & Gas

Froelich "D" #2

DST Test Number: 5

Pressure vs. Time



19 Tue Nov 2013

3PM

6PM

Time (Hours)

Trilobite Testing, Inc

Ref. No: 55358

Printed: 2013.11.22 @ 10:35:30



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **55861**

Well Name & No. Froelich "D" #2 Test No. 1 Date 11-17-13
 Company Prospect Oil & Gas Corp. Elevation 2035 KB 2030 GL
 Address P.O. Box 837 Russell KS. 67665
 Co. Rep / Geo. Brad Hutchison Rig shields
 Location: Sec. 22 Twp. 12 S. Rge. 16 W. Co. Ellis State KS.

Interval Tested 3180 - 3,295 Zone Tested _____
 Anchor Length 115 Drill Pipe Run 2,710 Mud Wt. 9.0
 Top Packer Depth 3,175 Drill Collars Run _____ Vis 51
 Bottom Packer Depth 3180 Wt. Pipe Run 469 WL 7.2
 Total Depth 3,295 Chlorides 3,400 ppm System LCM 2.0

Blow Description I.F. - W.S.B. Built to (1/4" in 30 min.)
I.S.I. - No B.B.
E.F. - W.S.B. (Died in 8 min.)
F.S.I. - No B.B.

Rec	Feet of	%gas	%oil	%water	%mud
<u>70</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 Total 70 BHT 94.6 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 (A) Initial Hydrostatic 1,593 Test 1150 T-On Location 21:13:00
 (B) First Initial Flow 64 Jars _____ T-Started 22:15:00
 (C) First Final Flow 84 Safety Joint _____ T-Open 00:09:00
 (D) Initial Shut-In 778 Circ Sub _____ T-Pulled 02:09:00
 (E) Second Initial Flow 87 Hourly Standby _____ T-Out 02:43:00
 (F) Second Final Flow 103 Mileage 30 R. + 38rt 58.90 Comments _____
 (G) Final Shut-In 767 Sampler _____ "thank you"
 (H) Final Hydrostatic 1,578 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 30 Day Standby _____ Total 1208.90
 Final Shut-In 30 Accessibility _____ MP/DST Disc't _____
 Sub Total 1208.90

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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55862

Well Name & No. Froelich "D" #2 Test No. 2 Date 11-18-13
 Company Prospect Oil & Gas Corp Elevation 2035 KB 2030 GL
 Address P.O. Box 837 Russell KS. 67665
 Co. Rep / Geo. Bracl Hutchison Rig Shields
 Location: Sec. 22 Twp. 12 S. Rge. 16 W. Co. Ell. Co. State KS.

Interval Tested 3,295 - 3,342 Zone Tested Lsg - "E-G"
 Anchor Length 47 Drill Pipe Run 2920 Mud Wt. 9.1
 Top Packer Depth 3290 Drill Collars Run --- Vis 50
 Bottom Packer Depth 3295 Wt. Pipe Run 373 WL 5.8
 Total Depth 3342 Chlorides 4,800 ppm System LCM 1

Blow Description I.F. - 30 - 1/4 INT. Blow Built to (B.O.B. in 2 1/2 min.)
I.S.I. - 30 - W.S.B. Built to (3 1/2" in 30 min.)
E.F. - 60 - 1/4 INT. Blow Built to (B.O.B. in 10 Min.)
F.S.I. - 60 - W.S.B. Built to (5 1/2" in 60 Min.)

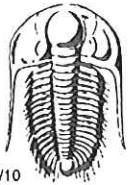
Rec	Feet of	%gas	%oil	%water	%mud
<u>378</u>	<u>GIP</u>	<u>100</u>			
<u>461</u>	<u>H65MCD</u>	<u>40</u>	<u>55</u>		<u>5</u>
<u>126</u>	<u>505 MW (oil specs)</u>			<u>95</u>	<u>5</u>
Rec Total	<u>587</u>	BHT <u>95</u>	Gravity <u>51</u>	API RW <u>51</u>	@ <u>45</u> °F Chlorides <u>35,000</u> ppm

(A) Initial Hydrostatic 1,593 Test 1150 T-On Location 14:45:00
 (B) First Initial Flow 64 Jars _____ T-Started 15:36:00
 (C) First Final Flow 84 Safety Joint _____ T-Open 17:11:00
 (D) Initial Shut-In 778 Circ Sub _____ T-Pulled 20:11:00
 (E) Second Initial Flow 87 Hourly Standby _____ T-Out 22:08:00
 (F) Second Final Flow 103 Mileage 30 R.T. 58.90
 (G) Final Shut-In 767 Sampler _____
 (H) Final Hydrostatic 1,578 Straddle _____

Initial Open 30 Shale Packer _____
 Initial Shut-In 30 Extra Packer _____
 Final Flow 60 Extra Recorder _____
 Final Shut-In 60 Day Standby _____
 Sub Total 1208.90 Accessibility _____
 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55356

Well Name & No. Froelich "D" Test No. 3 Date 11/18/2013
 Company Prospect Oil & Gas Corp Elevation 2035 KB 2030 GL
 Address P.O. Box 837 Russell, KS 67665
 Co. Rep / Geo. BRAD HUTCHISON Rig Shield Rig #2
 Location: Sec. 22 Twp. 125 Rge. 16W Co. Ellis State KS

Interval Tested 3455 - 3508 Zone Tested Arbuckle
 Anchor Length 53 Drill Pipe Run 3086 Mud Wt. 9.2
 Top Packer Depth 3451 Drill Collars Run 0 Vis 47
 Bottom Packer Depth 3455 Wt. Pipe Run 378 WL 7.8
 Total Depth 3508 Chlorides 3700 ppm System LCM 2[#]
 Blow Description IFP-45- built to 3.25 IN
ISI-30- DEAD NO blow back
FF-60- Built 4 1/4 IN
FSI-60- DEAD NO blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>100</u>	<u>Oil</u>		<u>95</u>		<u>5</u>
<u>248</u>	<u>SSOCM</u>		<u>5</u>		<u>95</u>
<u>152</u>	<u>SOCM</u>		<u>10</u>		<u>80</u>

Rec Total 500 BHT 97 Gravity 32 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1713 Test 950 T-On Location 1845
 (B) First Initial Flow 202 Jars _____ T-Started 1911
 (C) First Final Flow 209 Safety Joint _____ T-Open 2136
 (D) Initial Shut-In 1028 Circ Sub _____ T-Pulled 0046
 (E) Second Initial Flow 215 Hourly Standby _____ T-Out _____
 (F) Second Final Flow 217 Mileage 74 R/T 58.90 Comments _____
 (G) Final Shut-In 1035 Sampler _____
 (H) Final Hydrostatic 1685 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 45 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1008.90
 Final Flow 60 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 60 Sub Total 1008.90

Approved By _____ Our Representative Jim Phillips

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **55357**

Well Name & No. Froelich "D" Test No. 4 Date 11/20/2013
 Company Prospect Oil & Gas Corp Elevation 2035 KB 2030 GL
 Address P.O. Box 837 Russell, KS 67665
 Co. Rep / Geo. BRAD Hutchison Rig Shields Rig # 2
 Location: Sec. 22 Twp. 12 S Rge. 16 W Co. Ellis State KS

Interval Tested 3502 - 3508 Zone Tested Aebuckle
 Anchor Length 6' Drill Pipe Run 3020 Mud Wt. 9.2
 Top Packer Depth 3498 Drill Collars Run 0 Vis 47
 Bottom Packer Depth 3502 Wt. Pipe Run 378 WL 7.8
 Total Depth 3508 Chlorides 3700 ppm System LCM 2nd
 Blow Description IFP - 30 - Built to 1.5 in Dead back lin
ISI - 30 - Dead no blow back
FF - 20 - Dead no blow
FSI - 15 - Dead no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</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

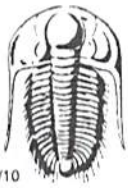
Rec Total 10 BHT 102 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2040 Test 950 T-On Location 1845
 (B) First Initial Flow 1743 Jars — T-Started 0437
 (C) First Final Flow 1677 Safety Joint — T-Open 0637
 (D) Initial Shut-In 1686 Circ Sub — T-Pulled 0810
 (E) Second Initial Flow 1686 Hourly Standby — T-Out 0953
 (F) Second Final Flow 1672 Mileage 74 R/T Comments —
 (G) Final Shut-In 1660 Sampler —
 (H) Final Hydrostatic 2000 Straddle — Ruined Shale Packer —
 Shale Packer — Ruined Packer —
 Extra Packer — Extra Copies —
 Initial Open 30 Extra Recorder — Sub Total 0
 Initial Shut-In 30 Day Standby — Total 950
 Final Flow 20 Accessibility — MP/DST Disc't —
 Final Shut-In 15 Sub Total 950

Approved By _____

Our Representative Jim Phillips

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **55358**

Well Name & No. Froelich "D" #2 Test No. 05 Date 11-20-13
 Company Prospect oil & Gas Elevation 2035 KB 2030 GL
 Address Po Box 837, Russell KS,
 Co. Rep / Geo. Brad Hutchison Rig Shields
 Location: Sec. 22 Twp. 12s Rge. 16w Co. Ellis State KS

Interval Tested 3456 - 3508 Zone Tested Arbuckle
 Anchor Length 52' Drill Pipe Run 2994' Mud Wt. 9.2
 Top Packer Depth 3451 Drill Collars Run — Vis 49
 Bottom Packer Depth 3456 Wt. Pipe Run 465' WL 6-0
 Total Depth 3508 Chlorides 3,900 ppm System LCM —
 Blow Description IF - 3 3/4" blow
ISI - No return
FF - 3" blow
FSI - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>125</u>	<u>HOCM</u>	<u>50</u>	<u>50</u>	<u>50</u>	<u>50</u>
<u>25</u>	<u>HOCM</u>	<u>40</u>	<u>40</u>	<u>60</u>	<u>60</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 150' BHT 93° Gravity — API RW — @ —° F Chlorides — ppm

(A) Initial Hydrostatic <u>1722</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>13:47</u>
(B) First Initial Flow <u>40</u>	<input type="checkbox"/> Jars	T-Started <u>14:22 2:22pm</u>
(C) First Final Flow <u>67</u>	<input type="checkbox"/> Safety Joint	T-Open <u>16:18</u>
(D) Initial Shut-In <u>1014</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>18:48</u>
(E) Second Initial Flow <u>70</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>20:42</u>
(F) Second Final Flow <u>92</u>	<input checked="" type="checkbox"/> Mileage <u>44 RT 58.90</u>	Comments
(G) Final Shut-In <u>1015</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1693</u>	<input type="checkbox"/> Straddle	

Initial Open 45
 Initial Shut-In 30
 Final Flow 45
 Final Shut-In 30

Sub Total 1208.90

Approved By _____ Our Representative Gody Bloodon

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