



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1188807
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: _____

1188807

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Prospect Oil & Gas Corp
Well Name	Ottley 2
Doc ID	1188807

Tops

Name	Top	Datum
Anhydrite	2335	+ 564
Topeka	3681	- 782
Heebner	3899	- 1000
Toronto	3925	- 1026
Lansing	3938	- 1039
Base Kansas City	4237	- 1338
Pawnee	4354	- 1455
Ft. Scott	4419	- 1520
Johnson Zone	4500	- 1600

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. 7271

Date	Sec.	Twp.	Range	County	State	On Location	Finish
7-23-13	16	13	30	Gove	KS		4:30 AM
				Location Grinell 10 1/2 S to SRd 2W to 26 Rd 35 E into			

Lease Ottley	Well No. 2	Owner
Contractor Shields		To Quality Oilwell Cementing, Inc.
Type Job Surface		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 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. 20'	Shoe Joint	Cement Amount Ordered 150 342	

Meas Line	Displace 12 1/2 bbl
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EQUIPMENT			Common
Pumptrk 5	No. 5	Cementer Helper Billy	150
Bulktrk 12	No. 12	Driver Lonnie M	Poz. Mix
Bulktrk PU	No. PU	Driver Brett	Gel. 3
			Calcium 5

JOB SERVICES & REMARKS		Hulls
Remarks:		Salt
Rat Hole		Flowseal
Mouse Hole		Kol-Seal
Centralizers		Mud CLR 48
Baskets		CFL-117 or CD110 CAF 38
D/V or Port Collar		Sand
		Handling 150
		Mileage

Cement		FLOAT EQUIPMENT
		Guide Shoe
		Centralizer
		Baskets
		AFU Inserts
		Float Shoe
		Latch Down

Pumptrk Charge Surface	
Mileage 45	

X Signature George Beeler	Tax
	Discount
	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. 7434

Date	8-1-13	Sec.	Twp.	Range	County	State	On Location	Finish
					Gove	KS	Gove	4:15PM
					Location Grinell 10 1/2 S to SRd, W to 26 Rd, 35, En 2			

Lease	Ottley	Well No.	2	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.
Contractor	Shilds				
Type Job	Plug	Charge To	Prospect Oil & Gas		
Hole Size	7 7/8	T.D.			
Csg.		Depth	Street		
Tbg. Size		Depth	City State		
Tool		Depth	The above was done to satisfaction and supervision of owner agent or contractor.		
Cement Left in Csg.		Shoe Joint	Cement Amount Ordered 220 60/40 4% gel 1/4 Flow		

Meas Line	Displace	EQUIPMENT		Common	132
Pumptrk	16	No.	Cementer Helper	Poz. Mix	88
			Chad	Gel.	8
Bulktrk	1	No.	Driver	Calcium	
			Heath		
Bulktrk	P4	No.	Driver		
			Travis		

JOB SERVICES & REMARKS		Hulls
Remarks:		Salt
Rat Hole		Flowseal 55#
Mouse Hole		Kol-Seal
Centralizers		Mud CLR 48
Baskets		CFL-117 or CD110 CAF 38
D/V or Port Collar		Sand
25sx qt	2350	Handling 228
100sx qt	1445	Mileage

FLOAT EQUIPMENT	
40sxat	270
10sxat	40
30sx	Rat
15sx	Mouse
Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

Pumptrk Charge	plug	Tax	
Mileage	43	Discount	
Signature		Total Charge	
George Bagler			



DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Co, Inc**

116 Eves Drive
Russell, KS 67665

ATTN: Bob Hopkins

Ottley #2

16-30-30w Gove,KS

Start Date: 2013.07.28 @ 06:07:00

End Date: 2013.07.28 @ 12:31:00

Job Ticket #: 53028 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.08.01 @ 10:38:33

Prospect Oil & Gas Co, Inc
16-30-30w Gove,KS
Ottley #2
DST # 1
LKC "C"
2013.07.28



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prospect Oil & Gas Co, Inc

16-30-30w Gove,KS

116 Eves Drive
Russell, KS 67665

Ottley #2

Job Ticket: 53028

DST#: 1

ATTN: Bob Hopkins

Test Start: 2013.07.28 @ 06:07:00

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:46:45

Time Test Ended: 12:31:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Cornelio Landa III,

Unit No: 52

Interval: 3963.00 ft (KB) To 3993.00 ft (KB) (TVD)

Reference Elevations: 2899.00 ft (KB)

Total Depth: 3693.00 ft (KB) (TVD)

2894.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8675

Inside

Press @ Run Depth: 55.56 psig @ 3965.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.07.28

End Date:

2013.07.28

Last Calib.:

2013.07.28

Start Time: 06:07:15

End Time:

12:31:00

Time On Btm:

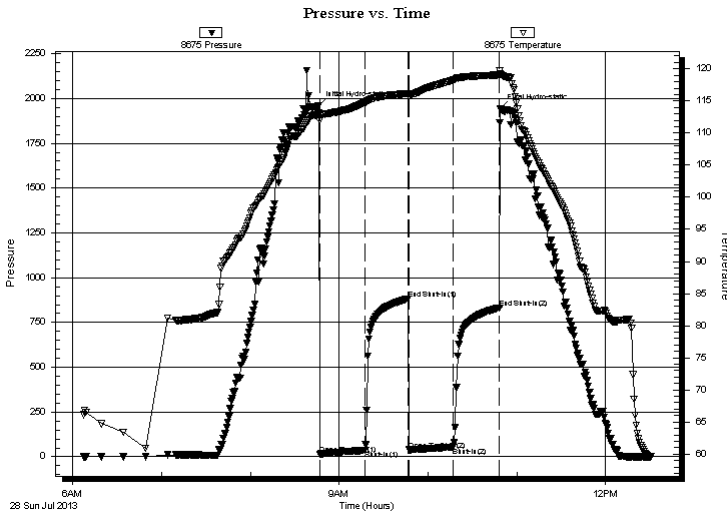
2013.07.28 @ 08:46:30

Time Off Btm:

2013.07.28 @ 10:49:00

TEST COMMENT: Built to 2" blow
No return blow
Built to 1" blow
No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1961.42	113.16	Initial Hydro-static
1	14.42	111.89	Open To Flow (1)
31	36.76	114.74	Shut-In(1)
60	881.48	116.16	End Shut-In(1)
61	38.55	115.69	Open To Flow (2)
91	55.56	118.26	Shut-In(2)
122	831.78	119.06	End Shut-In(2)
123	1943.86	119.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	100 Mud with few oil spots	0.91

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prospect Oil & Gas Co, Inc

116 Eves Drive
Russell, KS 67665

ATTN: Bob Hopkins

16-30-30w Gove,KS

Ottley #2

Job Ticket: 53028

DST#: 1

Test Start: 2013.07.28 @ 06:07:00

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:46:45

Time Test Ended: 12:31:00

Interval: 3963.00 ft (KB) To 3993.00 ft (KB) (TVD)

Total Depth: 3693.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Cornelio Landa III,

Unit No: 52

Reference Elevations: 2899.00 ft (KB)

2894.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8650 Outside

Press@RunDepth: psig @ 3965.00 ft (KB)

Start Date: 2013.07.28

End Date:

2013.07.28

Capacity: 8000.00 psig

Last Calib.:

2013.07.28

Start Time: 06:07:15

End Time:

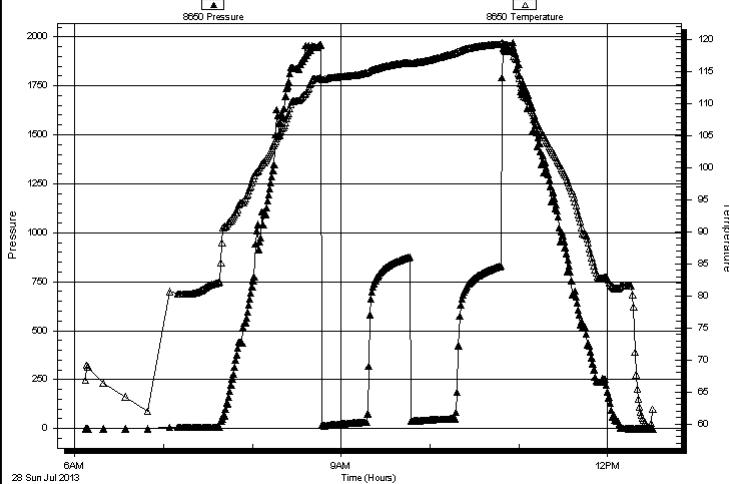
12:30:45

Time On Btm:

Time Off Btm:

TEST COMMENT: Built to 2" blow
No return blow
Built to 1" blow
No return blow

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
65.00	100 Mud with few oil spots	0.91

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Co, Inc

16-30-30w Gove,KS

116 Eves Drive
Russell, KS 67665

Ottley #2

Job Ticket: 53028

DST#: 1

ATTN: Bob Hopkins

Test Start: 2013.07.28 @ 06:07:00

Tool Information

Drill Pipe:	Length: 3500.00 ft	Diameter: 3.80 inches	Volume: 49.10 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 466.88 ft	Diameter: 3.80 inches	Volume: 6.55 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	54000.00 lb
			<u>Total Volume: 55.65 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	23.88 ft			String Weight: Initial	44000.00 lb
Depth to Top Packer:	3963.00 ft			Final	44000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	30.00 ft				
Tool Length:	50.00 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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Change Over Sub	1.00			3944.00	
Shut In Tool	5.00			3949.00	
Hydraulic tool	5.00			3954.00	
Packer	5.00			3959.00	20.00 Bottom Of Top Packer
Packer	4.00			3963.00	
Stubb	1.00			3964.00	
Perforations	1.00			3965.00	
Recorder	0.00	8675	Inside	3965.00	
Recorder	0.00	8650	Outside	3965.00	
Perforations	25.00			3990.00	
Bullnose	3.00			3993.00	30.00 Bottom Packers & Anchor

Total Tool Length: 50.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Co, Inc

16-30-30w Gove,KS

116 Eves Drive
Russell, KS 67665

Ottley #2

Job Ticket: 53028

DST#: 1

ATTN: Bob Hopkins

Test Start: 2013.07.28 @ 06:07:00

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: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	100 Mud w ith few oil spots	0.912

Total Length: 65.00 ft Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

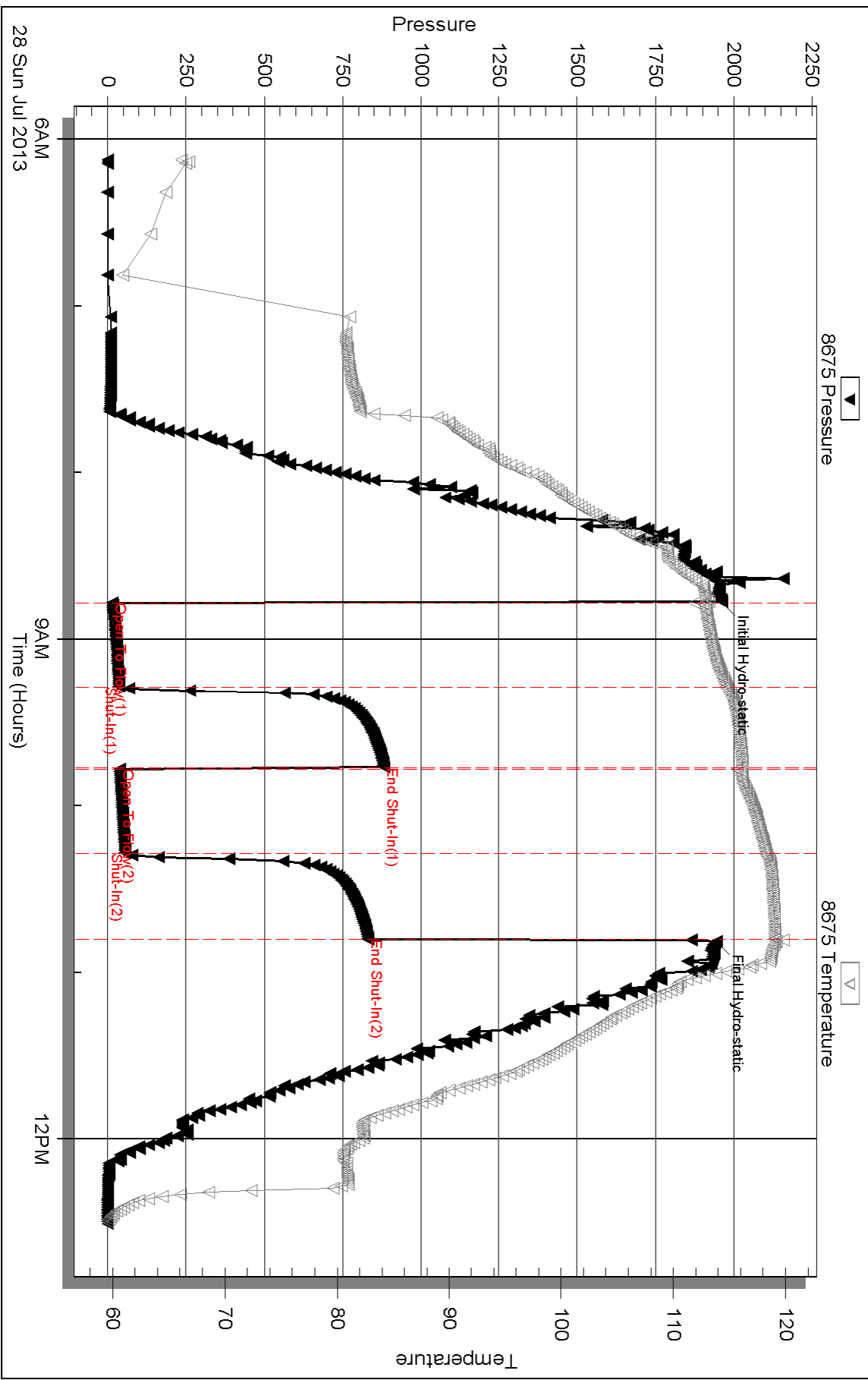
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

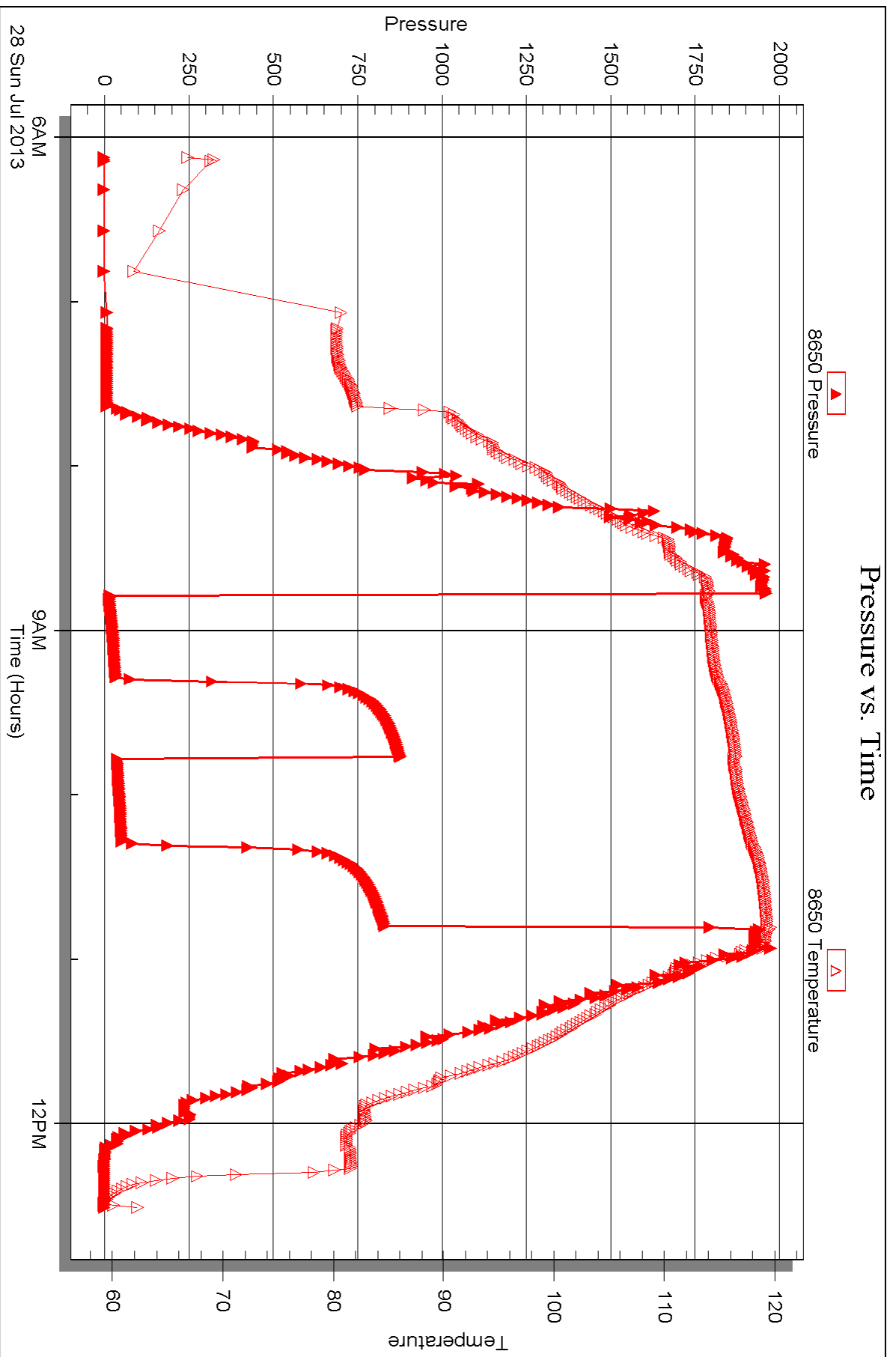


Serial #: 8650

Outside Prospect Oil & Gas Co. Inc

Oilley #2

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Co, Inc**

116 Eves Drive
Russell, KS 67665

ATTN: Bob Hopkins

Ottley #2

16-30-30w Gove,KS

Start Date: 2013.07.28 @ 21:50:00

End Date: 2013.07.29 @ 04:16:00

Job Ticket #: 53096 DST #: 2

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

Printed: 2013.08.01 @ 10:37:45



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prospect Oil & Gas Co, Inc

16-30-30w Gove,KS

116 Eves Drive
Russell, KS 67665

Ottley #2

Job Ticket: 53096

DST#: 2

ATTN: Bob Hopkins

Test Start: 2013.07.28 @ 21:50:00

GENERAL INFORMATION:

Formation: **LKC "E,F,G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:14:00

Time Test Ended: 04:16:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 150

Interval: 4006.00 ft (KB) To 4056.00 ft (KB) (TVD)

Reference Elevations: 2899.00 ft (KB)

Total Depth: 4056.00 ft (KB) (TVD)

2894.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8675

Inside

Press@RunDepth: 42.91 psig @ 4007.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.07.28

End Date:

2013.07.29

Last Calib.:

2013.07.29

Start Time: 21:50:15

End Time:

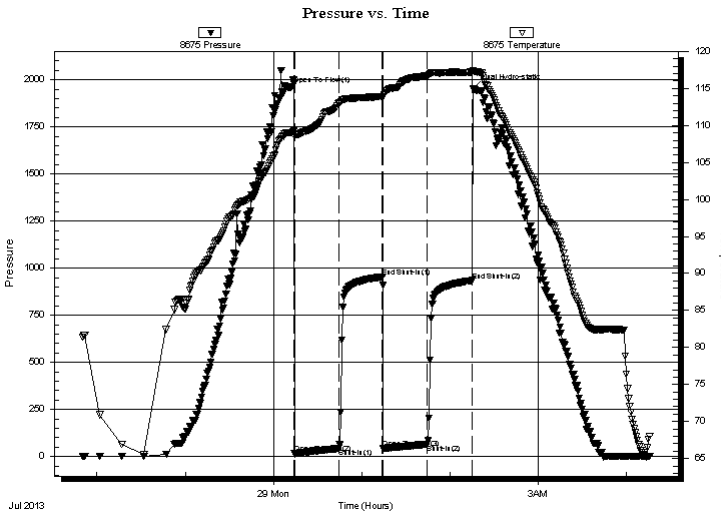
04:16:00

Time On Btm:

Time Off Btm: 2013.07.29 @ 02:15:45

TEST COMMENT: Built to 3" blow
No return blow
Built to 1 1/2" blow
No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1976.71	109.26	Open To Flow (1)
1	15.28	108.49	Open To Flow (2)
31	42.91	113.02	Shut-In(1)
60	953.84	113.92	End Shut-In(1)
61	44.34	113.72	Open To Flow (3)
91	65.05	116.74	Shut-In(2)
122	934.66	117.21	End Shut-In(2)
122	1954.23	117.43	Final Hydro-static

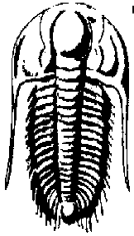
Recovery

Length (ft)	Description	Volume (bbl)
90.00	100% Mud	1.26

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prospect Oil & Gas Co, Inc

16-30-30w Gove,KS

116 Eves Drive
Russell, KS 67665

Ottley #2

ATTN: Bob Hopkins

Job Ticket: 53096

DST#: 2

Test Start: 2013.07.28 @ 21:50:00

GENERAL INFORMATION:

Formation: **LKC "E,F,G"**

Deviated: No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 00:14:00

Tester: Jace Mckinney

Time Test Ended: 04:16:00

Unit No: 150

Interval: 4006.00 ft (KB) To 4056.00 ft (KB) (TVD)

Reference Elevations: 2899.00 ft (KB)

Total Depth: 4056.00 ft (KB) (TVD)

2894.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8650 **Outside**

Press@RunDepth: psig @ 4007.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.07.28

End Date: 2013.07.29

Last Calib.: 2013.07.29

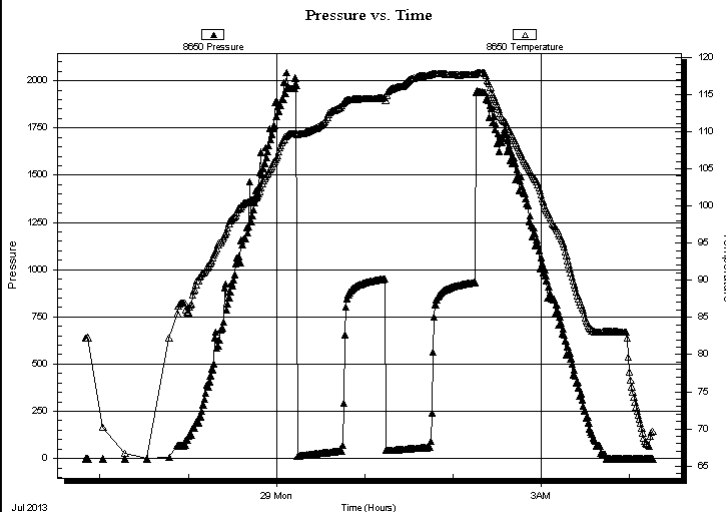
Start Time: 21:50:15

End Time: 04:15:45

Time On Btm:

Time Off Btm:

TEST COMMENT: Built to 3" blow
No return blow
Built to 1 1/2" blow
No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
90.00	100% Mud	1.26

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 Co, Inc

16-30-30w Gove,KS

116 Eves Drive
Russell, KS 67665

Ottley #2

Job Ticket: 53096

DST#: 2

ATTN: Bob Hopkins

Test Start: 2013.07.28 @ 21:50:00

Tool Information

Drill Pipe:	Length: 3531.14 ft	Diameter: 3.80 inches	Volume: 49.53 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 466.88 ft	Diameter: 3.80 inches	Volume: 6.55 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 56.08 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.02 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	4006.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	70.00 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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Change Over Sub	1.00			3987.00	
Shut In Tool	5.00			3992.00	
Hydraulic tool	5.00			3997.00	
Packer	5.00			4002.00	20.00 Bottom Of Top Packer
Packer	4.00			4006.00	
Stubb	1.00			4007.00	
Recorder	0.00	8675	Inside	4007.00	
Recorder	0.00	8650	Outside	4007.00	
Perforations	12.00			4019.00	
Change Over Sub	1.00			4020.00	
Drill Pipe	32.00			4052.00	
Change Over Sub	1.00			4053.00	
Bullnose	3.00			4056.00	50.00 Bottom Packers & Anchor

Total Tool Length: 70.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Co, Inc

16-30-30w Gove,KS

116 Eves Drive
Russell, KS 67665

Ottley #2

Job Ticket: 53096

DST#: 2

ATTN: Bob Hopkins

Test Start: 2013.07.28 @ 21:50:00

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: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	100% Mud	1.262

Total Length: 90.00 ft Total Volume: 1.262 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

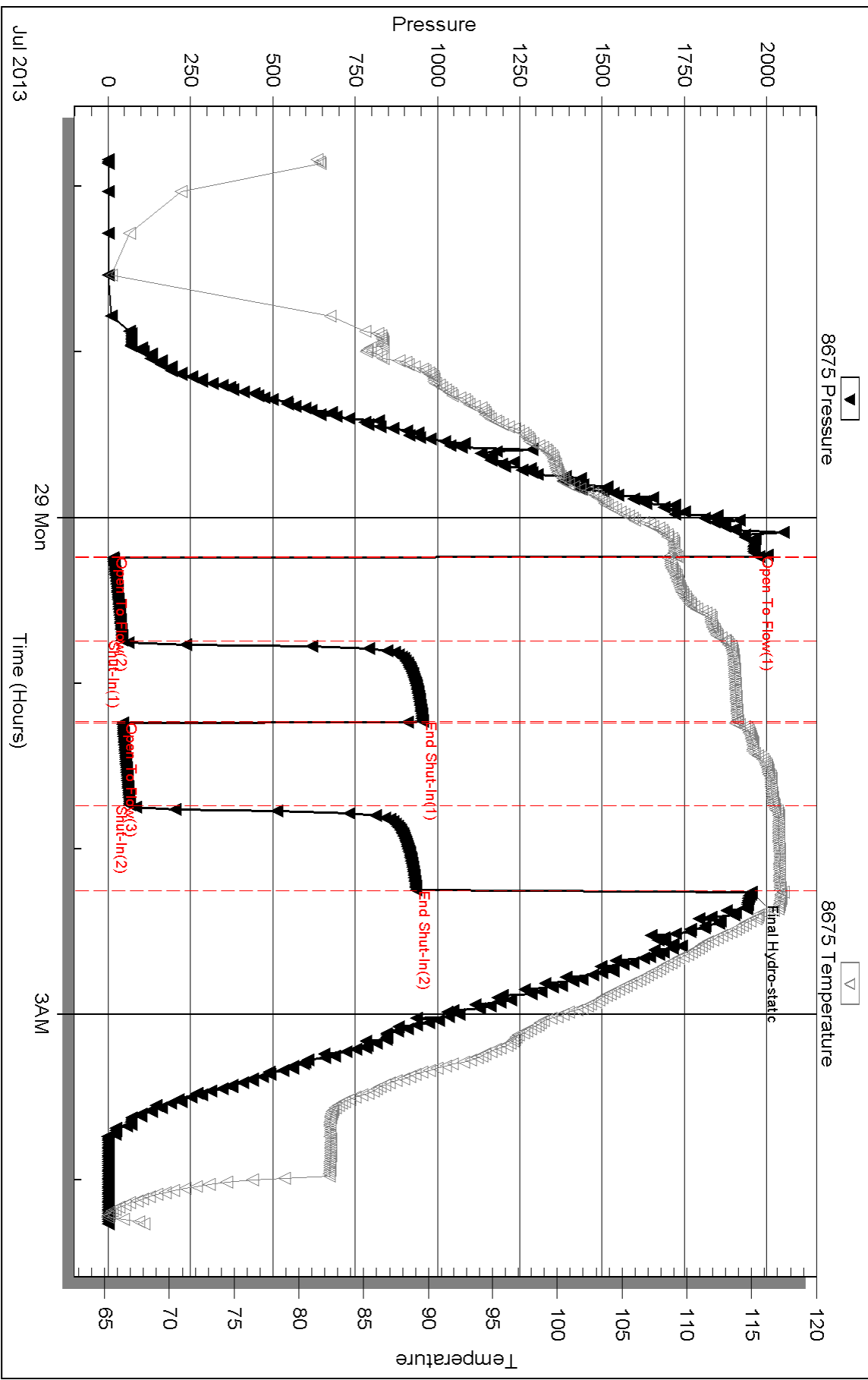
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

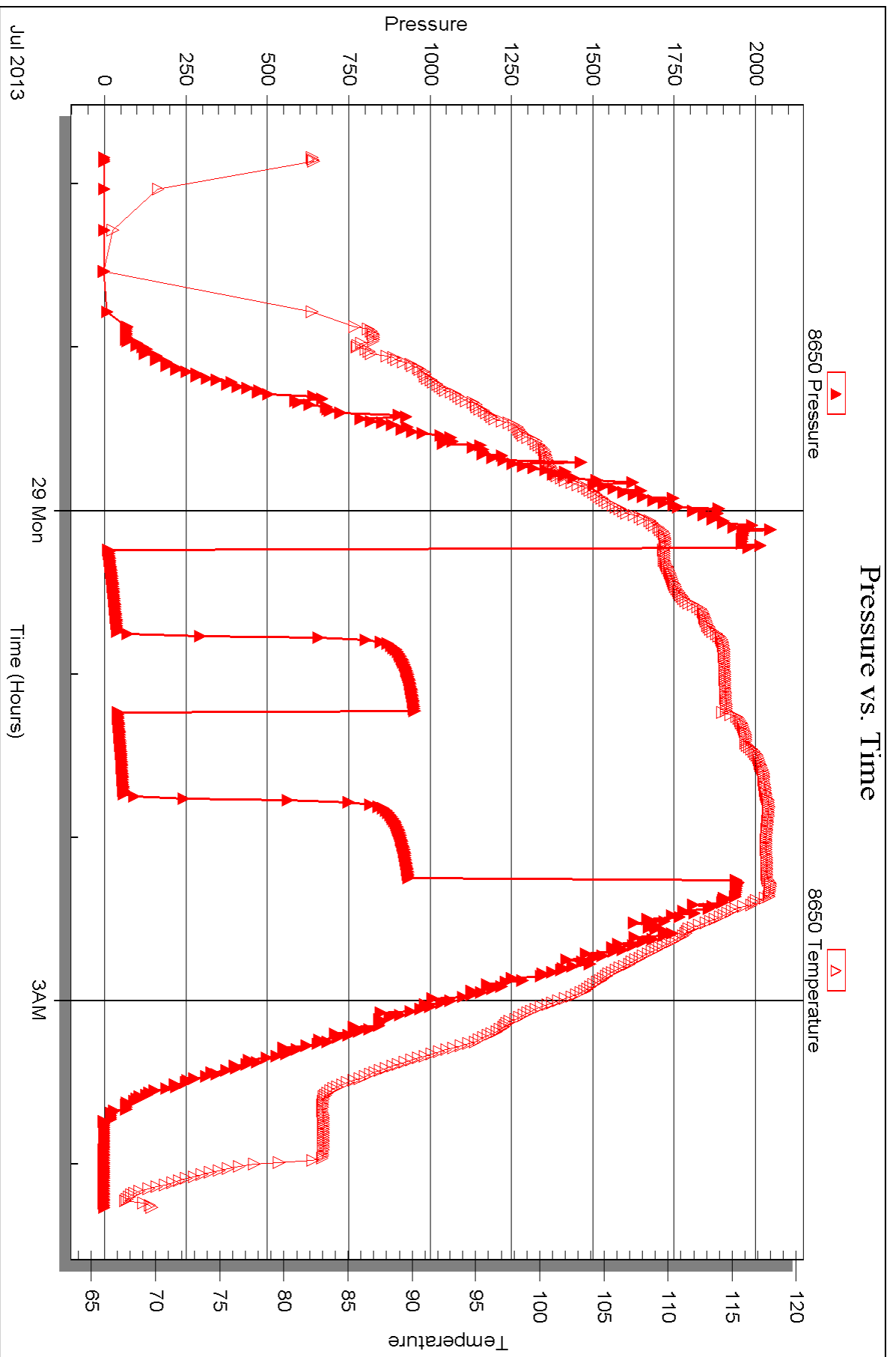


Serial #: 8650

Outside Prospect Oil & Gas Co. Inc

Oilley #2

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 53096

Printed: 2013.08.01 @ 10:37:49



DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Co, Inc**

116 Eves Drive
Russell, KS 67665

ATTN: Bob Hopkins

Ottley #2

16-30-30w Gove,KS

Start Date: 2013.07.29 @ 17:40:00

End Date: 2013.07.30 @ 00:02:45

Job Ticket #: 53097 DST #: 3

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

Printed: 2013.08.01 @ 10:37:08



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prospect Oil & Gas Co, Inc

16-30-30w Gove,KS

116 Eves Drive
Russell, KS 67665

Ottley #2

Job Ticket: 53097

DST#: 3

ATTN: Bob Hopkins

Test Start: 2013.07.29 @ 17:40:00

GENERAL INFORMATION:

Formation: **LKC "H,I,J"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:58:00
 Time Test Ended: 00:02:45
 Interval: **4094.00 ft (KB) To 4167.00 ft (KB) (TVD)**
 Total Depth: 4167.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jace McKinney
 Unit No: 150
 Reference Elevations: 2899.00 ft (KB)
 2894.00 ft (CF)
 KB to GR/CF: 5.00 ft

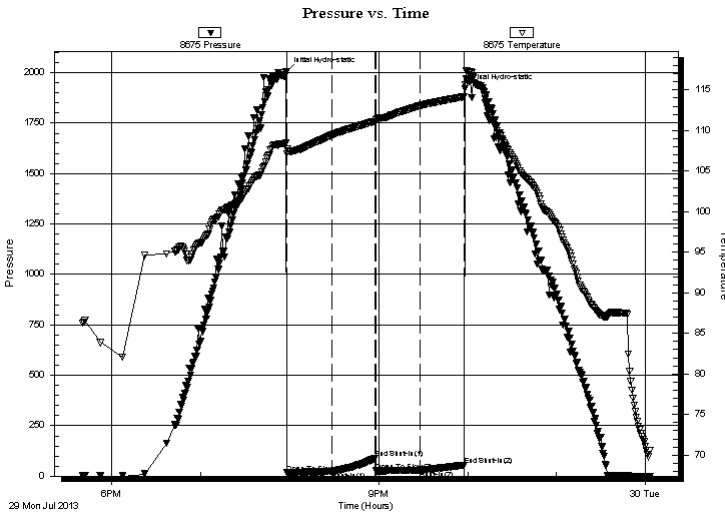
Serial #: 8675

Inside

Press @ Run Depth: 28.89 psig @ 4095.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.07.29 End Date: 2013.07.30 Last Calib.: 2013.07.30
 Start Time: 17:40:15 End Time: 00:02:45 Time On Btm: 2013.07.29 @ 19:57:45
 Time Off Btm: 2013.07.29 @ 21:58:15

TEST COMMENT: Built to 1/2" blow
 No return blow
 No blow
 No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2005.81	108.47	Initial Hydro-static
1	16.43	107.17	Open To Flow (1)
31	22.64	109.43	Shut-In(1)
60	88.67	111.13	End Shut-In(1)
61	25.72	111.25	Open To Flow (2)
90	28.89	113.06	Shut-In(2)
120	55.10	114.18	End Shut-In(2)
121	1921.72	115.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	100% Mud	0.28

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prospect Oil & Gas Co, Inc

16-30-30w Gove,KS

116 Eves Drive
Russell, KS 67665

Ottley #2

Job Ticket: 53097

DST#: 3

ATTN: Bob Hopkins

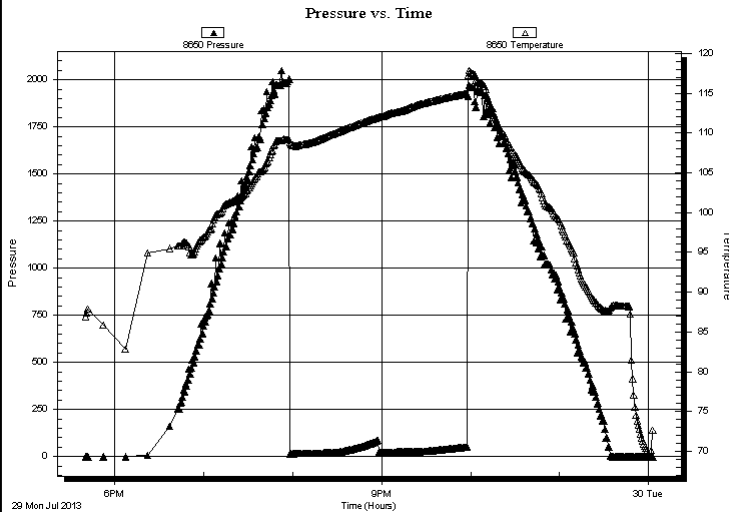
Test Start: 2013.07.29 @ 17:40:00

GENERAL INFORMATION:

Formation: **LKC "H,I,J"**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 19:58:00 Tester: Jace McKinney
 Time Test Ended: 00:02:45 Unit No: 150
Interval: 4094.00 ft (KB) To 4167.00 ft (KB) (TVD) Reference Elevations: 2899.00 ft (KB)
 Total Depth: 4167.00 ft (KB) (TVD) 2894.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8650 **Outside**
 Press @ Run Depth: psig @ 4095.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.07.29 End Date: 2013.07.30 Last Calib.: 2013.07.30
 Start Time: 17:40:15 End Time: 00:02:45 Time On Btm:
 Time Off Btm:

TEST COMMENT: Built to 1/2" blow
 No return blow
 No blow
 No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	100% Mud	0.28

* 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 Co, Inc

16-30-30w Gove,KS

116 Eves Drive
Russell, KS 67665

Ottley #2

Job Ticket: 53097

DST#: 3

ATTN: Bob Hopkins

Test Start: 2013.07.29 @ 17:40:00

Tool Information

Drill Pipe:	Length: 3625.76 ft	Diameter: 3.80 inches	Volume: 50.86 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 466.88 ft	Diameter: 3.80 inches	Volume: 6.55 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	52000.00 lb
			<u>Total Volume: 57.41 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	18.64 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	4094.00 ft			Final	42000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	73.00 ft				
Tool Length:	93.00 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			4075.00	
Shut In Tool	5.00			4080.00	
Hydraulic tool	5.00			4085.00	
Packer	5.00			4090.00	20.00 Bottom Of Top Packer
Packer	4.00			4094.00	
Stubb	1.00			4095.00	
Recorder	0.00	8675	Inside	4095.00	
Recorder	0.00	8650	Outside	4095.00	
Perforations	5.00			4100.00	
Change Over Sub	1.00			4101.00	
Drill Pipe	62.00			4163.00	
Change Over Sub	1.00			4164.00	
Bullnose	3.00			4167.00	73.00 Bottom Packers & Anchor

Total Tool Length: 93.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Co, Inc

16-30-30w Gove,KS

116 Eves Drive
Russell, KS 67665

Ottley #2

Job Ticket: 53097

DST#: 3

ATTN: Bob Hopkins

Test Start: 2013.07.29 @ 17:40:00

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	100% Mud	0.281

Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

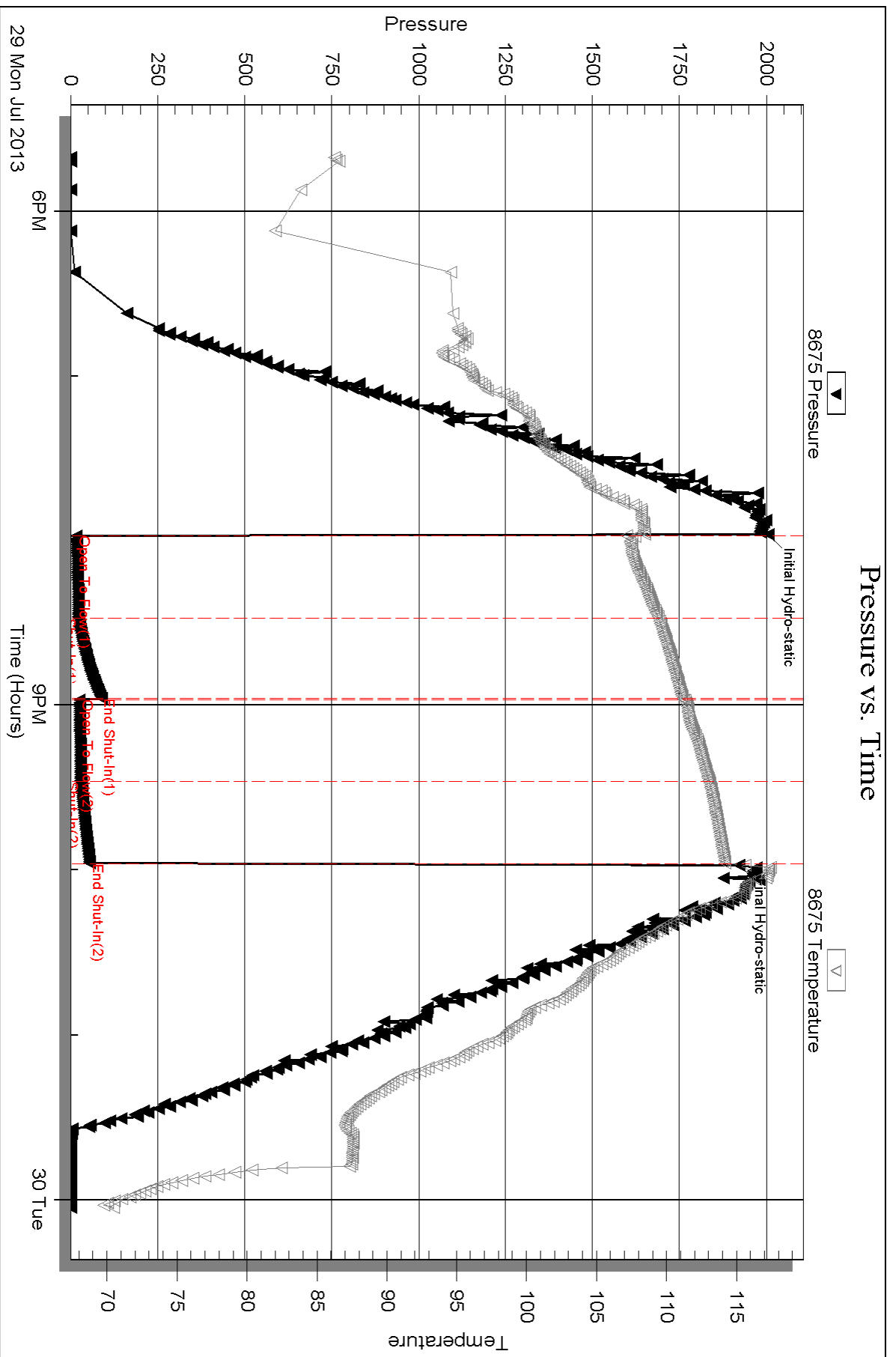
Serial #: 8675

Inside

Prospect Oil & Gas Co. Inc

Oilley #2

DST Test Number: 3

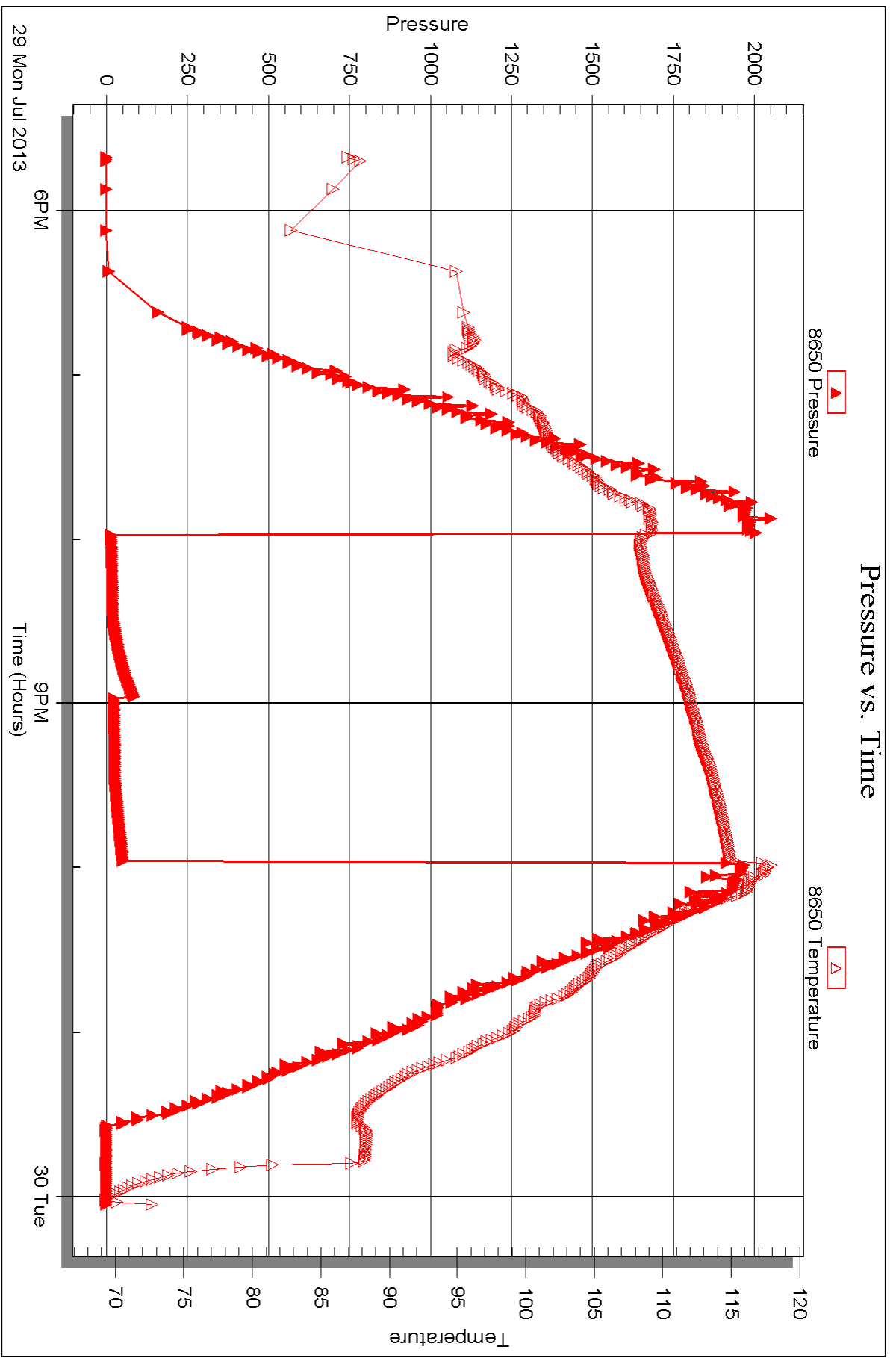


Serial #: 8650

Outside Prospect Oil & Gas Co. Inc

Oilley #2

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 53097

Printed: 2013.08.01 @ 10:37:11



DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Co, Inc**

116 Eves Drive
Russell, KS 67665

ATTN: Bob Hopkins

Ottley #2

16-30-30w Gove,KS

Start Date: 2013.07.30 @ 10:25:00

End Date: 2013.07.30 @ 15:50:00

Job Ticket #: 53098 DST #: 4

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

Printed: 2013.08.01 @ 10:36:30



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prospect Oil & Gas Co, Inc

16-30-30w Gove,KS

116 Eves Drive
Russell, KS 67665

Ottley #2

Job Ticket: 53098

DST#: 4

ATTN: Bob Hopkins

Test Start: 2013.07.30 @ 10:25:00

GENERAL INFORMATION:

Formation: **LKC "H,I"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:02:30
 Time Test Ended: 15:50:00
 Interval: **4167.00 ft (KB) To 4235.00 ft (KB) (TVD)**
 Total Depth: 4235.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jace McKinney
 Unit No: 150
 Reference Elevations: 2899.00 ft (KB)
 2894.00 ft (CF)
 KB to GR/CF: 5.00 ft

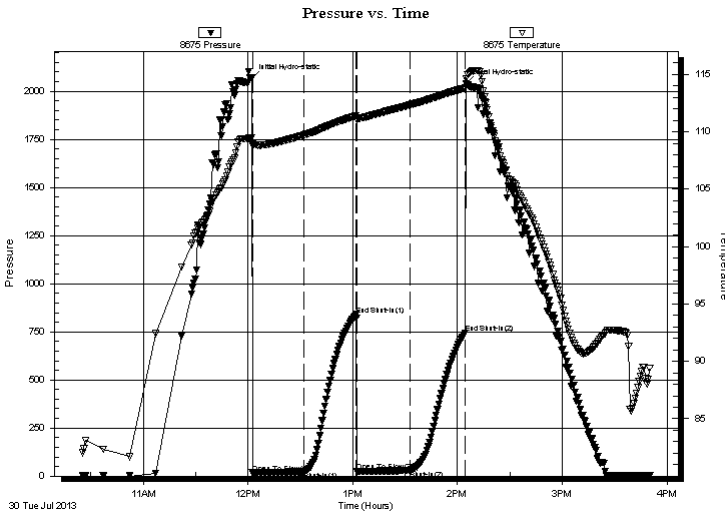
Serial #: 8675

Inside

Press @ Run Depth: 28.83 psig @ 4168.00 ft (KB)
 Start Date: 2013.07.30 End Date: 2013.07.30
 Start Time: 10:25:15 End Time: 15:50:00
 Capacity: 8000.00 psig
 Last Calib.: 2013.07.30
 Time On Btm: 2013.07.30 @ 12:02:00
 Time Off Btm: 2013.07.30 @ 14:05:00

TEST COMMENT: Built to 1/2" blow
 No return blow
 No blow
 No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2067.46	109.48	Initial Hydro-static
1	16.75	108.84	Open To Flow (1)
30	22.65	109.73	Shut-In(1)
60	839.15	111.39	End Shut-In(1)
61	24.10	111.05	Open To Flow (2)
91	28.83	112.33	Shut-In(2)
123	742.02	113.82	End Shut-In(2)
123	2038.28	114.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% Mud w with few oil spots	0.14

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prospect Oil & Gas Co, Inc

16-30-30w Gove, KS

116 Eves Drive
Russell, KS 67665

Ottley #2

Job Ticket: 53098

DST#: 4

ATTN: Bob Hopkins

Test Start: 2013.07.30 @ 10:25:00

GENERAL INFORMATION:

Formation: **LKC "H,I"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:02:30
 Time Test Ended: 15:50:00
 Interval: **4167.00 ft (KB) To 4235.00 ft (KB) (TVD)**
 Total Depth: 4235.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

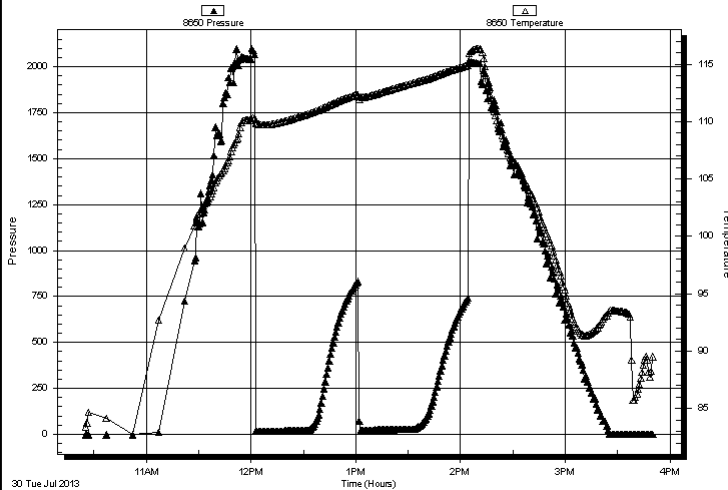
Test Type: Conventional Bottom Hole (Reset)
 Tester: Jace McKinney
 Unit No: 150
 Reference Elevations: 2899.00 ft (KB)
 2894.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8650 Outside

Press @ RunDepth: psig @ 4168.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.07.30 End Date: 2013.07.30 Last Calib.: 2013.07.30
 Start Time: 10:25:15 End Time: 15:50:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: Built to 1/2" blow
 No return blow
 No blow
 No return blow

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% Mud w ith few oil spots	0.14

* 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 Co, Inc

16-30-30w Gove,KS

116 Eves Drive
Russell, KS 67665

Ottley #2

Job Ticket: 53098

DST#: 4

ATTN: Bob Hopkins

Test Start: 2013.07.30 @ 10:25:00

Tool Information

Drill Pipe:	Length: 3688.98 ft	Diameter: 3.80 inches	Volume: 51.75 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 466.88 ft	Diameter: 3.80 inches	Volume: 6.55 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 58.30 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.86 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	4167.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.00 ft			
Tool Length:	87.00 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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Change Over Sub	1.00			4148.00	
Shut In Tool	5.00			4153.00	
Hydraulic tool	5.00			4158.00	
Packer	5.00			4163.00	20.00 Bottom Of Top Packer
Packer	4.00			4167.00	
Stubb	1.00			4168.00	
Recorder	0.00	8675	Inside	4168.00	
Recorder	0.00	8650	Outside	4168.00	
Perforations	30.00			4198.00	
Change Over Sub	1.00			4199.00	
Drill Pipe	31.00			4230.00	
Change Over Sub	1.00			4231.00	
Bullnose	3.00			4234.00	67.00 Bottom Packers & Anchor

Total Tool Length: 87.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Co, Inc

16-30-30w Gove,KS

116 Eves Drive
Russell, KS 67665

Ottley #2

Job Ticket: 53098

DST#: 4

ATTN: Bob Hopkins

Test Start: 2013.07.30 @ 10:25:00

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100% Mud w ith few oil spots	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8675

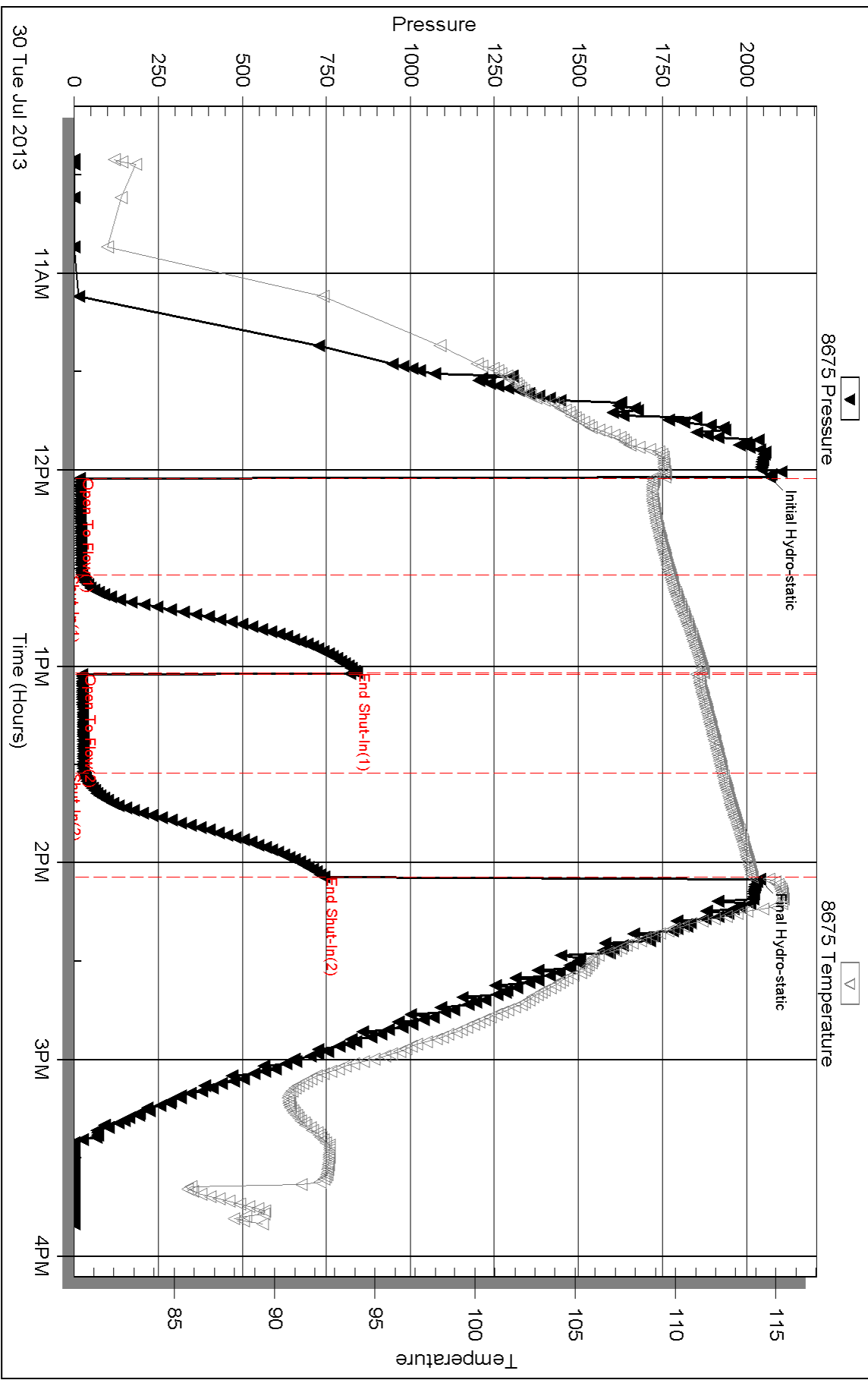
Inside

Prospect Oil & Gas Co. Inc

Oilley #2

DST Test Number: 4

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 53098

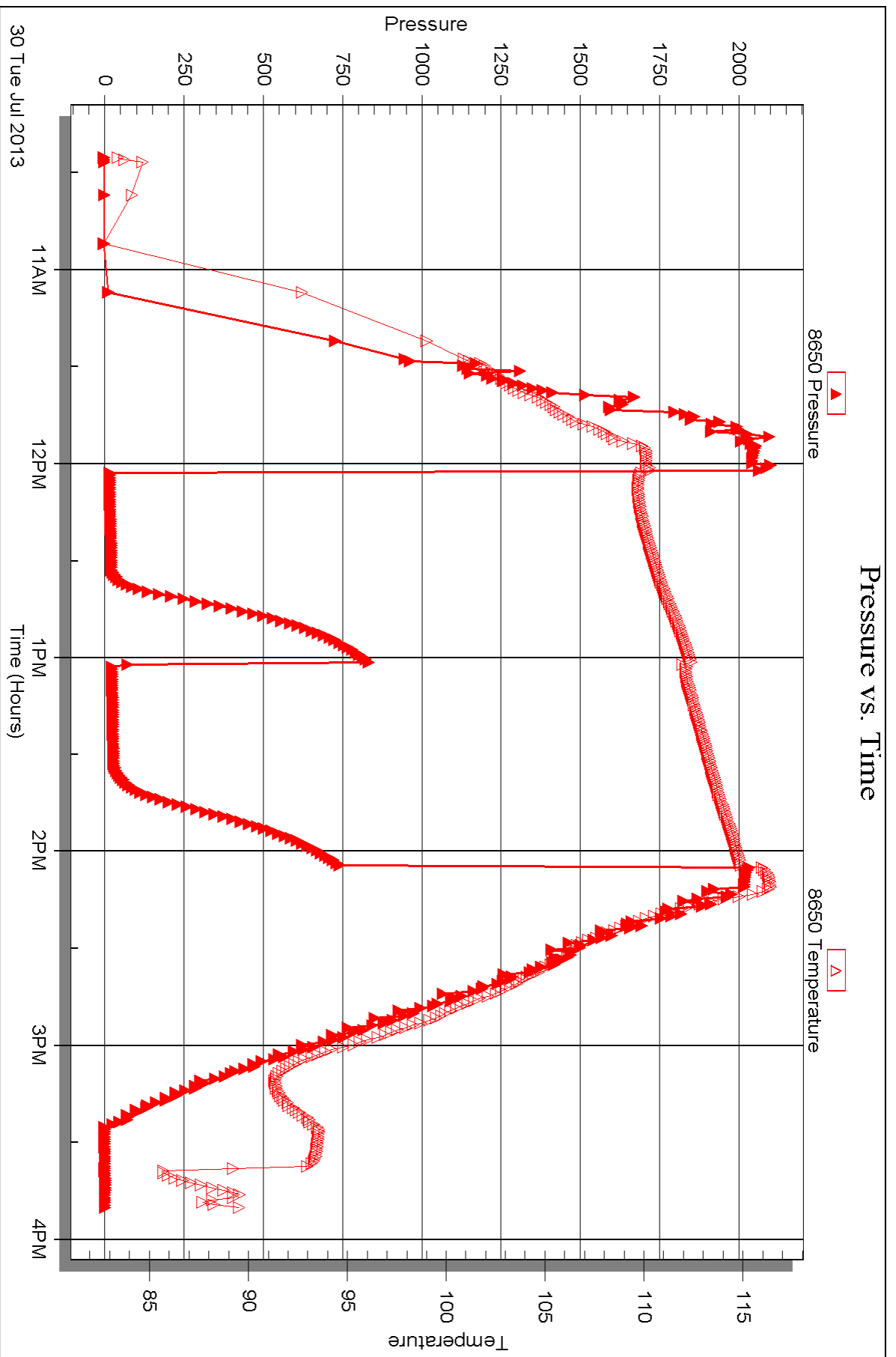
Printed: 2013.08.01 @ 10:36:33

Serial #: 8650

Outside Prospect Oil & Gas Co. Inc

Oilley #2

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Co, Inc**

116 Eves Drive
Russell, KS 67665

ATTN: Bob Hopkins

Ottley #2

16-30-30w Gove,KS

Start Date: 2013.07.31 @ 21:30:00

End Date: 2013.08.01 @ 04:16:45

Job Ticket #: 53099 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.08.01 @ 10:35:54



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prospect Oil & Gas Co, Inc

16-30-30w Gove,KS

116 Eves Drive
Russell, KS 67665

Ottley #2

Job Ticket: 53099

DST#: 5

ATTN: Bob Hopkins

Test Start: 2013.07.31 @ 21:30:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:54:15

Time Test Ended: 04:16:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 150

Interval: 4492.00 ft (KB) To 4507.00 ft (KB) (TVD)

Reference Elevations: 2899.00 ft (KB)

Total Depth: 4507.00 ft (KB) (TVD)

2894.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8675 Inside

Press @ Run Depth: 17.86 psig @ 4493.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.07.31

End Date:

2013.08.01

Last Calib.: 2013.08.01

Start Time: 21:30:15

End Time:

04:16:45

Time On Btm: 2013.07.31 @ 23:53:30

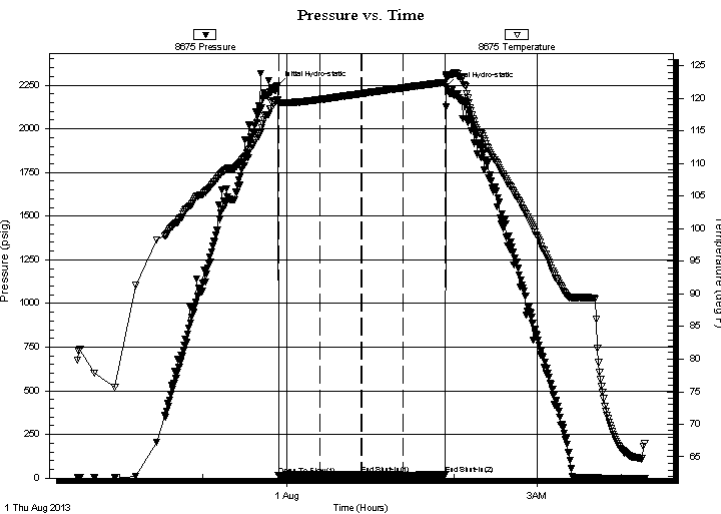
Time Off Btm: 2013.08.01 @ 01:54:30

TEST COMMENT: Built to 1/4" blow died in 20 min

No return blow

No blow

No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2247.60	119.74	Initial Hydro-static
1	16.79	119.31	Open To Flow (1)
31	18.41	119.84	Shut-In(1)
60	20.58	120.74	End Shut-In(1)
61	18.08	120.74	Open To Flow (2)
90	17.86	121.64	Shut-In(2)
121	19.55	122.49	End Shut-In(2)
121	2240.30	123.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% Mud	0.07

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prospect Oil & Gas Co, Inc

16-30-30w Gove, KS

116 Eves Drive
Russell, KS 67665

Ottley #2

Job Ticket: 53099

DST#: 5

ATTN: Bob Hopkins

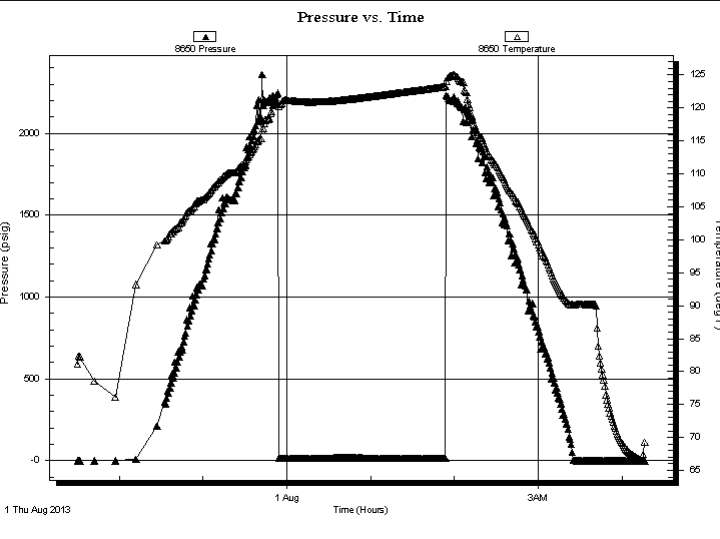
Test Start: 2013.07.31 @ 21:30:00

GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:54:15
 Time Test Ended: 04:16:45
 Interval: **4492.00 ft (KB) To 4507.00 ft (KB) (TVD)**
 Total Depth: 4507.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jace Mckinney
 Unit No: 150
 Reference Elevations: 2899.00 ft (KB)
 2894.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8650 Outside
 Press @ Run Depth: psig @ 4493.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.07.31 End Date: 2013.08.01 Last Calib.: 2013.08.01
 Start Time: 21:30:15 End Time: 04:16:30 Time On Btm:
 Time Off Btm:

TEST COMMENT: Built to 1/4" blow died in 20 min
 No return blow
 No blow
 No return blow



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

Recovery		
Length (ft)	Description	Volume (bbl)
5.00	100% Mud	0.07

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 Co, Inc

16-30-30w Gove,KS

116 Eves Drive
Russell, KS 67665

Ottley #2

Job Ticket: 53099

DST#: 5

ATTN: Bob Hopkins

Test Start: 2013.07.31 @ 21:30:00

Tool Information

Drill Pipe:	Length: 4034.65 ft	Diameter: 3.80 inches	Volume: 56.60 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 466.88 ft	Diameter: 3.80 inches	Volume: 6.55 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	52000.00 lb
			<u>Total Volume: 63.15 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	29.53 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	4492.00 ft			Final	42000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	15.00 ft				
Tool Length:	35.00 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			4473.00	
Shut In Tool	5.00			4478.00	
Hydraulic tool	5.00			4483.00	
Packer	5.00			4488.00	20.00 Bottom Of Top Packer
Packer	4.00			4492.00	
Stubb	1.00			4493.00	
Recorder	0.00	8675	Inside	4493.00	
Recorder	0.00	8650	Outside	4493.00	
Perforations	11.00			4504.00	
Change Over Sub	0.00			4504.00	
Drill Pipe	0.00			4504.00	
Change Over Sub	0.00			4504.00	
Bullnose	3.00			4507.00	15.00 Bottom Packers & Anchor

Total Tool Length: 35.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Co, Inc

16-30-30w Gove,KS

116 Eves Drive
Russell, KS 67665

Ottley #2

Job Ticket: 53099

DST#: 5

ATTN: Bob Hopkins

Test Start: 2013.07.31 @ 21:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% Mud	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8675

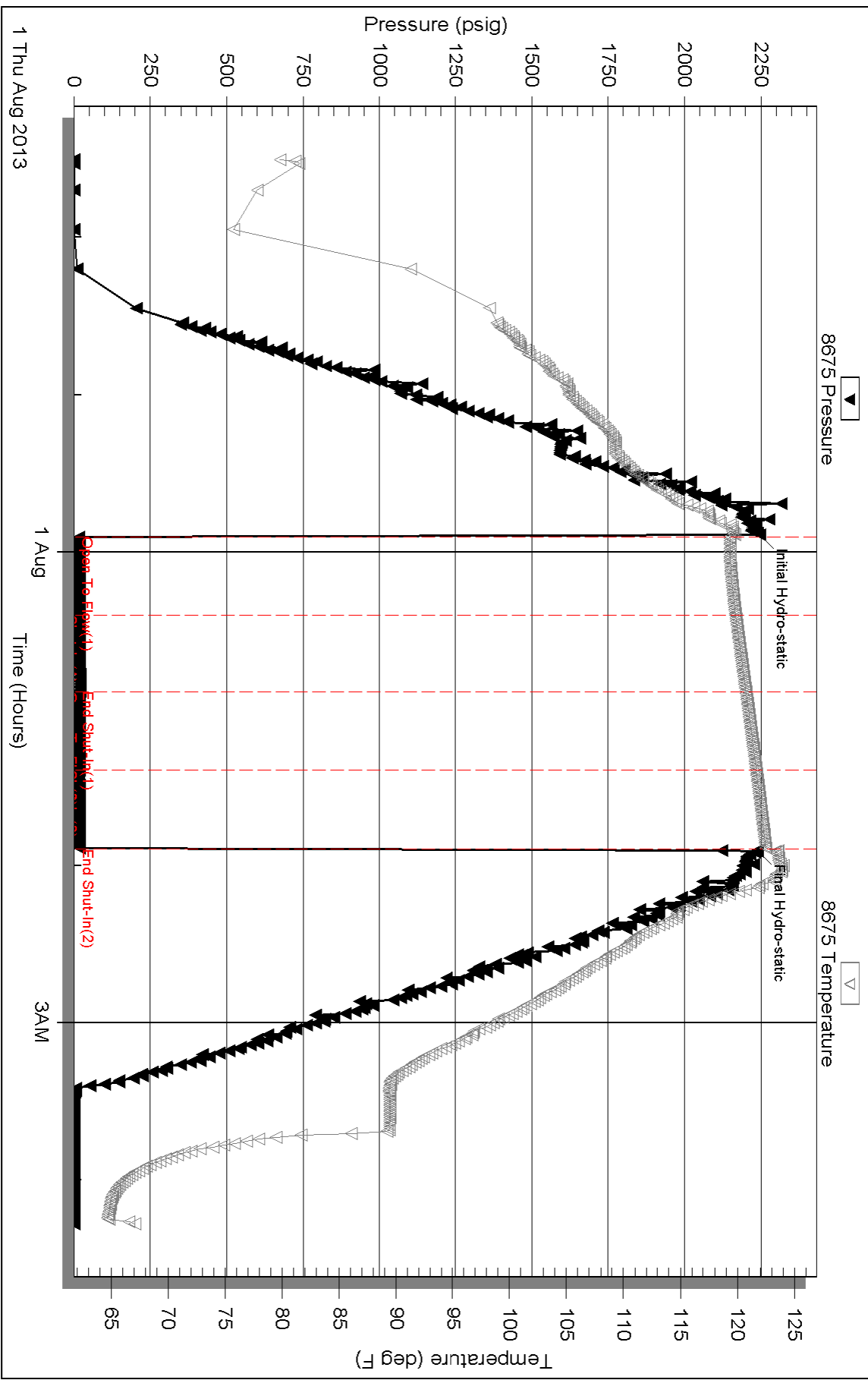
Inside

Prospect Oil & Gas Co. Inc

Oilley #2

DST Test Number: 5

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 53099

Printed: 2013.08.01 @ 10:35:56

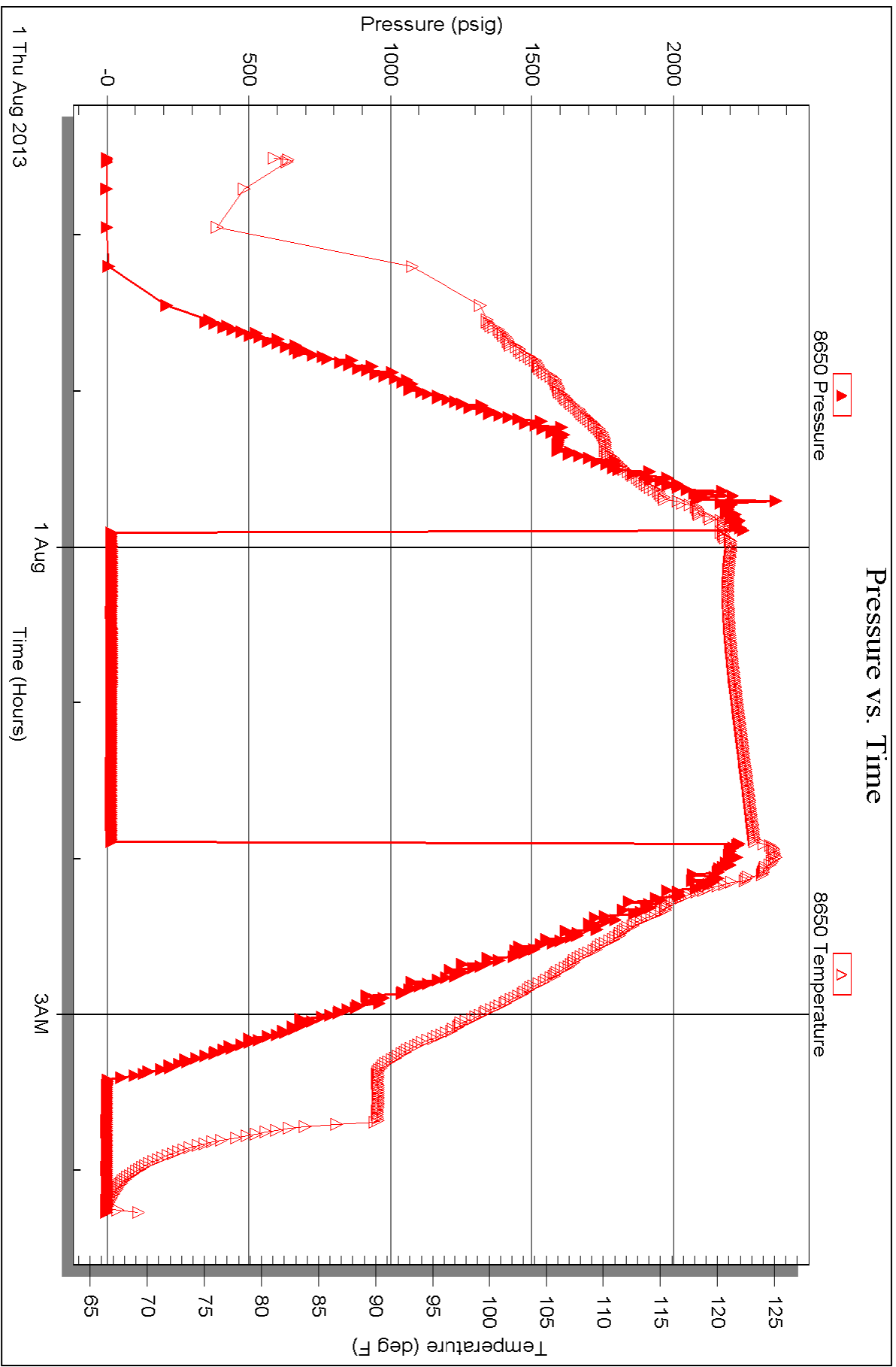
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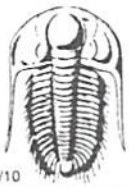
Outside

Prospect Oil & Gas Co. Inc

Oilley #2

DST Test Number: 5





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53028

Well Name & No. Ottley #2 Test No. 1 Date 7-28-13
 Company Prospect Oil & Gas Co, Inc Elevation 2899 KB 2894 GL
 Address 116 Eves Drive Russell KS, 67665
 Co. Rep / Geo. Bob Hopkins Rig Shields #2
 Location: Sec. 16 Twp. 30 Rge. 30W Co. Grove State KS

Interval Tested ~~3163-3693~~ Zone Tested Lansing "C"
 Anchor Length 30' Drill Pipe Run 3500 Mud Wt. 9.0
 Top Packer Depth 3959 Drill Collars Run 0 Vis 45
 Bottom Packer Depth ~~3963~~ 3963 Wt. Pipe Run 466.85 WL 8.8
 Total Depth 3993 Chlorides 1400 ppm System LCM 1

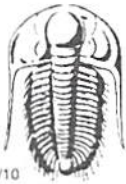
Blow Description Built to 2" below
No return below
Built to 1" below
No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>65</u>	<u>Mud with few oil spots</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 65 BHT 118 Gravity API RW @ F Chlorides ppm

(A) Initial Hydrostatic 1,961 Test 1150 T-On Location 04:45
 (B) First Initial Flow 14 Jars T-Started 06:07
 (C) First Final Flow 37 Safety Joint T-Open 08:47
 (D) Initial Shut-In 881 Circ Sub N/C T-Pulled 10:47
 (E) Second Initial Flow 39 Hourly Standby T-Out 12:31
 (F) Second Final Flow 56 Mileage 100 R/T 155 Comments
 (G) Final Shut-In 832 Sampler
 (H) Final Hydrostatic 1,944 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 1305
 Final Flow 30 Accessibility MP/DST Disc't
 Final Shut-In 30 Sub Total 1305

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. 53096

Well Name & No. Ottley #2 Test No. 2 Date 7/28/13 7/29/13
 Company Prospect Oil & Gas Company, Inc Elevation 2899 KB 2894 GL
 Address 116 Eves Drive Russell KS, 67665
 Co. Rep / Geo. Bole Hopkins Rig Shields Rig 2
 Location: Sec. 16 Twp. 30S Rge. 30W Co. Bove County State KS

Interval Tested 4006-4056 Zone Tested Kansas City "E, F, G"
 Anchor Length 50 Drill Pipe Run 3531.14' Mud Wt. 9.3
 Top Packer Depth 4002 Drill Collars Run _____ Vis 44
 Bottom Packer Depth 4006 Wt. Pipe Run 416.88 WL 9.6
 Total Depth 4056 Chlorides 1,800 ppm System LCM I

Blow Description Built to 3" below
No return below
Built to 1 1/2" below
No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</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 90 BHT _____ Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 1,977 Test 1250 T-On Location 21:30
 (B) First Initial Flow 15 Jars _____ T-Started 22:50
 (C) First Final Flow 43 Safety Joint _____ T-Open 00:15
 (D) Initial Shut-In 954 Circ Sub n/c T-Pulled 02:15
 (E) Second Initial Flow 44 Hourly Standby _____ T-Out 04:16
 (F) Second Final Flow 65 Mileage 100 RT 155 Comments _____
 (G) Final Shut-In 935 Sampler _____
 (H) Final Hydrostatic 1,954 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

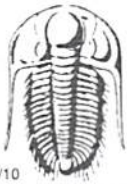
Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30

Sub Total 1405

Sub Total 0
 Total 1405
 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. 53097

Well Name & No. OHley #2 Test No. 3 Date 7/29/13
 Company Prospect Oil & Gas Company, Inc Elevation 2899 KB 2894 GL
 Address 116 Eves Drive Russell MS, 67665
 Co. Rep / Geo. Bole Hopkins Rig Shields Rig 2
 Location: Sec. 16 Twp. 30S Rge. 30W Co. Bove County State K5

Interval Tested 4094-4167 Zone Tested Kansas City ~~H,I,J~~ "H,I,J"
 Anchor Length 73 Drill Pipe Run 3625.76 Mud Wt. 9.4
 Top Packer Depth 4090 Drill Collars Run _____ Vis 48
 Bottom Packer Depth 4094 Wt. Pipe Run 466.88 WL 10.4
 Total Depth 4167 Chlorides 2,300 ppm System LCM Trace

Blow Description Built to 1/2" below
No return below
No below
No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</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 20 BHT 114 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm
 (A) Initial Hydrostatic 2,006 Test 1250 T-On Location 16:00
 (B) First Initial Flow 17 Jars _____ T-Started 17:40
 (C) First Final Flow 23 Safety Joint _____ T-Open 19:58
 (D) Initial Shut-In 89 Circ Sub w/c T-Pulled 21:58
 (E) Second Initial Flow 26 Hourly Standby _____ T-Out 00:02
 (F) Second Final Flow 29 Mileage 100 RT 155 Comments _____
 (G) Final Shut-In 55 Sampler _____
 (H) Final Hydrostatic 1,922 Straddle _____

Initial Open 30 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 30 Shale Packer _____ Ruined Packer _____
 Final Flow 30 Extra Packer _____ Extra Copies _____
 Final Shut-In 30 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1405
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1405

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53098

Well Name & No. Ottley #2 Test No. 4 Date 7/30/13
 Company Prospect Oil & Gas Company, Inc Elevation 2899 KB 2894 GL
 Address 116 Eves Drive Russell KS, 67665
 Co. Rep / Geo. Bole Hopkins Rig Shields Rig 2
 Location: Sec. 116 Twp. 30s Rge. 30w Co. Bove County State KS

Interval Tested 4167-4235 Zone Tested Kansas City "K+L"
 Anchor Length 68 Drill Pipe Run 3688.98 Mud Wt. 9.4
 Top Packer Depth 4163 Drill Collars Run 59 Vis 59
 Bottom Packer Depth 4167 Wt. Pipe Run 466.88 WL 11.2
 Total Depth 4235 Chlorides 2,500 ppm System LCM Trace

Blow Description Built to 1/2" below
No return below
No below
No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Mud with few oil spots</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

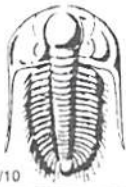
Rec Total 10 BHT 114 Gravity — API RW — @ — F Chlorides — ppm

(A) Initial Hydrostatic 2,067 Test 1250 T-On Location 10:00
 (B) First Initial Flow 17 Jars — T-Started 10:25
 (C) First Final Flow 23 Safety Joint — T-Open 12:02
 (D) Initial Shut-In 839 Circ Sub N/C T-Pulled 14:02
 (E) Second Initial Flow 24 Hourly Standby — T-Out 15:50
 (F) Second Final Flow 29 Mileage 100 RT 155
 (G) Final Shut-In 742 Sampler —
 (H) Final Hydrostatic 2,038 Straddle —

Initial Open 30 Shale Packer — Ruined Shale Packer —
 Initial Shut-In 30 Extra Packer — Ruined Packer —
 Final Flow 30 Extra Recorder — Extra Copies —
 Final Shut-In 30 Day Standby — Sub Total 0
 Accessibility — Total 1405
 Sub Total 1405 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. 53099

Well Name & No. OHkey #2 Test No. 5 Date 7/31/13 8/1/13
 Company Prospect Oil & Gas Company, Inc Elevation 2899 KB 2897 GL
 Address 116 Eves Drive Russell KS, 67665
 Co. Rep / Geo. Bole Hopkins Rig Shields Rig 2
 Location: Sec. 11e Twp. 30s Rge. 30w Co. Boone County State KS

Interval Tested 4492-4507 Zone Tested Johnson Zone
 Anchor Length 15 Drill Pipe Run 4034.65 Mud Wt. 9.5
 Top Packer Depth 4488 Drill Collars Run _____ Vis 50
 Bottom Packer Depth 4492 Wt. Pipe Run 466.88 WL 10.4
 Total Depth 4507 Chlorides 2,000 ppm System LCM Trace
 Blow Description Built to 1/4" died in 20 min.
No return below
No below
No return below

Rec	Feet of	%gas	%oil	%water	%mud
5	Mud				100

Rec Total 5 BHT 122 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2,248 Test 1250 T-On Location 20:30
 (B) First Initial Flow 17 Jars _____ T-Started 21:30
 (C) First Final Flow 18 Safety Joint _____ T-Open 23:53
 (D) Initial Shut-In 21 Circ Sub n/c T-Pulled 01:53
 (E) Second Initial Flow 18 Hourly Standby 3hrs T-Out 04:16
 (F) Second Final Flow 18 Mileage 155 Comments 1 day + 3hrs
 (G) Final Shut-In 20 Sampler _____ from last test
 (H) Final Hydrostatic 2,240 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 158.33
 Initial Shut-In 30 Day Standby 1d 4.75h Total 1563.33
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 1405

Approved By _____ Our Representative [Signature]
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