



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1189458
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: _____

1189458

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

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

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

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

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

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

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

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

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

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Prater Oil & Gas Operations, Inc.
Well Name	CULLEY A 2
Doc ID	1189458

All Electric Logs Run

DUAL COMPENSATED POROSITY LOG
MICRORESISTIVITY LOG
DUAL INDUCTION
COMPUTER PROCESSES INTERPRETATION

INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 137765
Invoice Date: Aug 2, 2013
Page: 1

Voice: (817) 546-7282
Fax: (817) 246-3361

Now Includes:



Bill To:
Prater Oil & Gas Operations, Inc. 906 W William Way Pratt, KS 67124-1205

Customer ID	Field Ticket #	Payment Terms	
Prater	60209	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Oakley	Aug 2, 2013	9/1/13

Quantity	Item	Description	Unit Price	Amount
		Culley A #2		
165.00	CEMENT MATERIALS	Class A Common	17.90	2,953.50
3.00	CEMENT MATERIALS	Gel	23.40	70.20
6.00	CEMENT MATERIALS	Chloride	64.00	384.00
178.42	CEMENT SERVICE	Cubic Feet	2.48	442.48
488.40	CEMENT SERVICE	Ton Mileage	2.60	1,269.84
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
60.00	CEMENT SERVICE	Pump Truck Mileage	7.70	462.00
1.00	CEMENT SERVICE	Swedge Manifold Rental	275.00	275.00
60.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	264.00
1.00	CEMENT SUPERVISOR	LaRene Wentz		
1.00	EQUIPMENT OPERATOR	Paul Beaver		
1.00	OPERATOR ASSISTANT	Brandon Wilkinson		

surface cement

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 1,526.65

ONLY IF PAID ON OR BEFORE

Aug 27, 2013

Subtotal	7,633.25
Sales Tax	252.17
Total Invoice Amount	7,885.42
Payment/Credit Applied	
TOTAL	7,885.42

pay this →

*\$6,358.79
drilling expense*



DRILL STEM TEST REPORT

Prepared For: **Prater Oil & Gas Operations**

1303 N. Main
Pratt, KS 67124

ATTN: Scott Alberg

Culley A #2

28-8s-25w Graham,KS

Start Date: 2013.08.06 @ 19:40:00

End Date: 2013.08.07 @ 02:21:30

Job Ticket #: 50820 DST #: 1

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

Printed: 2013.08.08 @ 11:11:32



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prater Oil & Gas Operations

28-8s-25w Graham,KS

1303 N. Main
Pratt, KS 67124

Culley A #2

Job Ticket: 50820

DST#: 1

ATTN: Scott Alberg

Test Start: 2013.08.06 @ 19:40:00

GENERAL INFORMATION:

Formation: **H-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:11:00

Time Test Ended: 02:21:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan L

Unit No: 67

Interval: 3885.00 ft (KB) To 3960.00 ft (KB) (TVD)

Reference Elevations: 2490.00 ft (KB)

Total Depth: 3960.00 ft (KB) (TVD)

ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: ft

Serial #: 8679

Inside

Press @ Run Depth: 24.95 psig @ 3955.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.08.06

End Date:

2013.08.07

Last Calib.: 2013.08.07

Start Time: 19:40:01

End Time:

02:21:30

Time On Btm: 2013.08.06 @ 22:10:00

Time Off Btm: 2013.08.07 @ 00:14:30

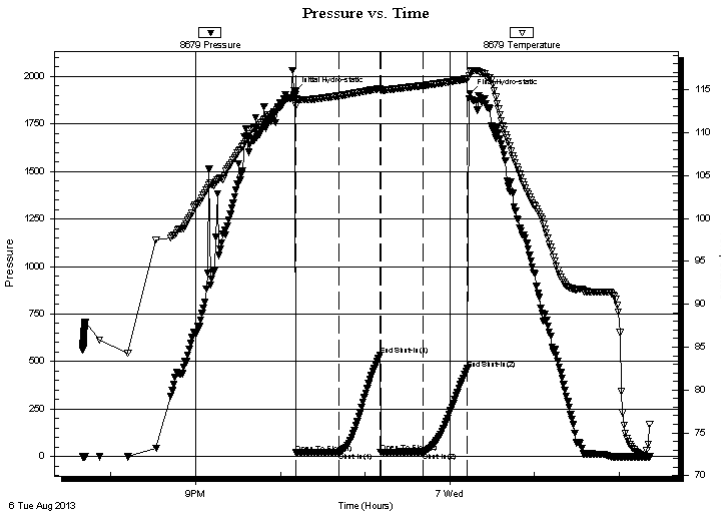
TEST COMMENT: 30- IF- Surface blow that died

30- IS- No blow

30- FF- No blow

30- FSI- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1922.41	114.28	Initial Hydro-static
1	20.17	113.08	Open To Flow (1)
32	23.18	114.29	Shut-In(1)
61	534.43	115.13	End Shut-In(1)
61	23.58	114.91	Open To Flow (2)
91	24.95	115.47	Shut-In(2)
123	462.72	116.27	End Shut-In(2)
125	1908.25	117.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M, 100%M	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prater Oil & Gas Operations

28-8s-25w Graham,KS

1303 N. Main
Pratt, KS 67124

Culley A #2

Job Ticket: 50820

DST#: 1

ATTN: Scott Alberg

Test Start: 2013.08.06 @ 19:40:00

Tool Information

Drill Pipe:	Length: 3873.00 ft	Diameter: 3.80 inches	Volume: 54.33 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 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: 70000.00 lb
			<u>Total Volume: 54.33 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3885.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	103.00 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			3858.00	
Shut In Tool	5.00			3863.00	
Hydraulic tool	5.00			3868.00	
Jars	5.00			3873.00	
Safety Joint	2.00			3875.00	
Packer	5.00			3880.00	28.00 Bottom Of Top Packer
Packer	5.00			3885.00	
Stubb	1.00			3886.00	
Perforations	5.00			3891.00	
Change Over Sub	1.00			3892.00	
Drill Pipe	63.00			3955.00	
Recorder	0.00	6625	Outside	3955.00	
Recorder	0.00	8679	Inside	3955.00	
Change Over Sub	1.00			3956.00	
Perforations	1.00			3957.00	
Bullnose	3.00			3960.00	75.00 Bottom Packers & Anchor
Total Tool Length:	103.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prater Oil & Gas Operations

28-8s-25w Graham,KS

1303 N. Main
Pratt, KS 67124

Culley A #2

Job Ticket: 50820

DST#: 1

ATTN: Scott Alberg

Test Start: 2013.08.06 @ 19:40:00

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M, 100%M	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 #: 8679

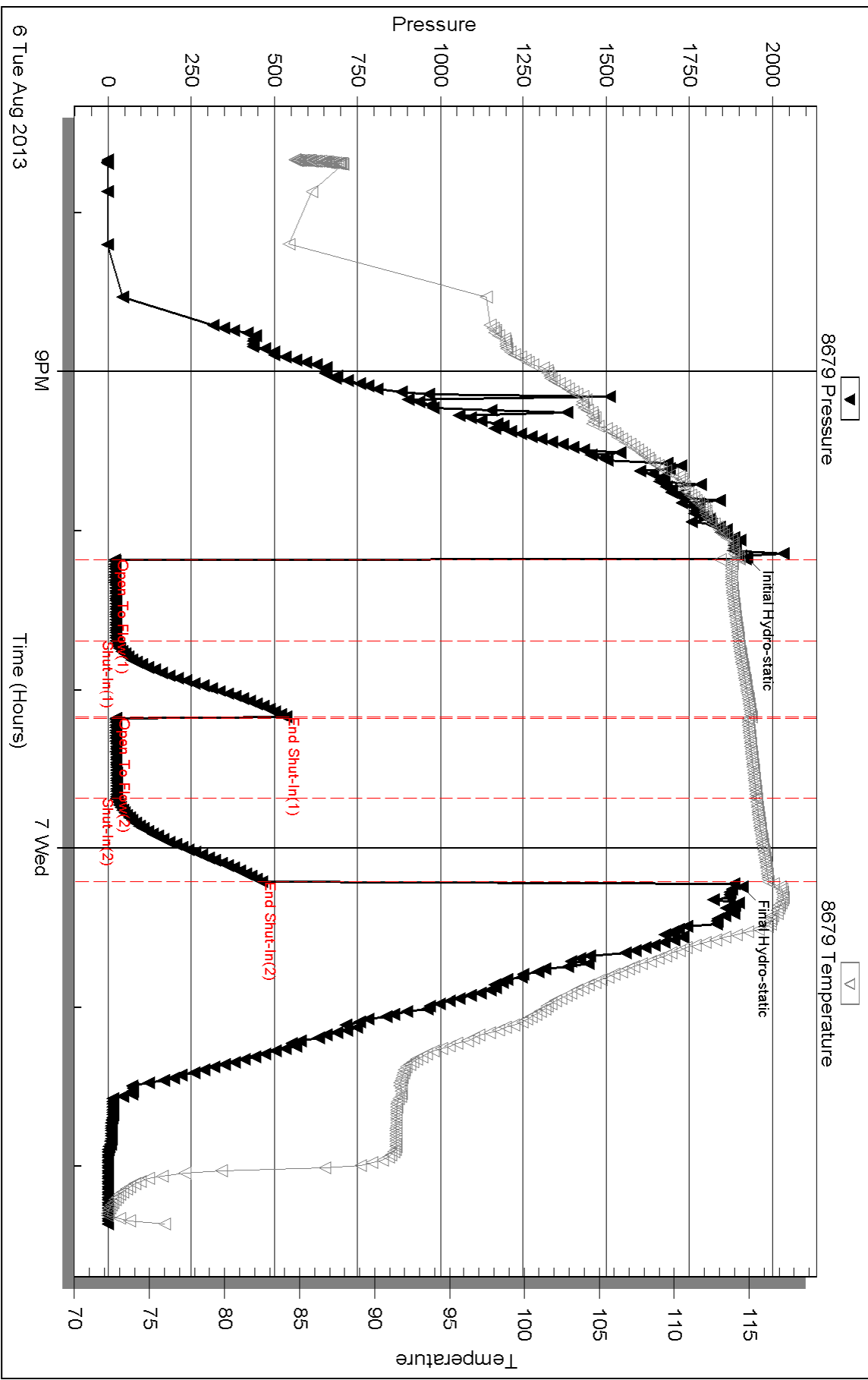
Inside

Prater Oil & Gas Operators

Culley A #2

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 50820

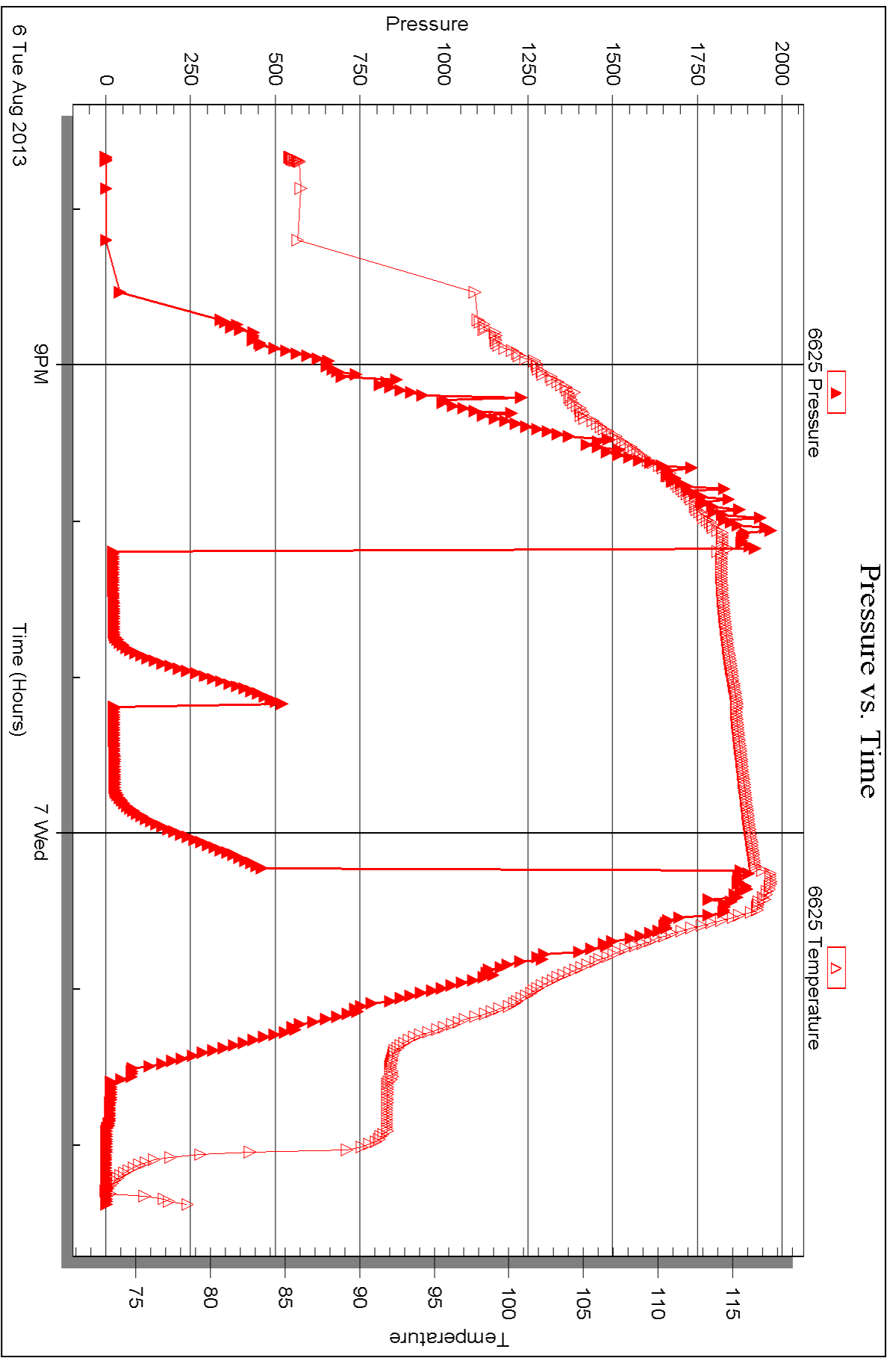
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Serial #: 6625

Outside Prater Oil & Gas Operators

Calley A #2

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 50820

Printed: 2013.08.08 @ 11:11:36



DRILL STEM TEST REPORT

Prepared For: **Prater Oil & Gas Operations**

1303 N. Main
Pratt, KS 67124

ATTN: Scott Alberg

Culley A #2

28-8s-25w Graham,KS

Start Date: 2013.08.07 @ 12:12:00

End Date: 2013.08.07 @ 18:31:30

Job Ticket #: 50821 DST #: 2

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

Printed: 2013.08.08 @ 11:10:53



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prater Oil & Gas Operations

28-8s-25w Graham, KS

1303 N. Main
Pratt, KS 67124

Culley A #2

Job Ticket: 50821

DST#: 2

ATTN: Scott Alberg

Test Start: 2013.08.07 @ 12:12:00

GENERAL INFORMATION:

Formation: **K&L**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:35:00
 Time Test Ended: 18:31:30
 Interval: **3957.00 ft (KB) To 4003.00 ft (KB) (TVD)**
 Total Depth: 4003.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brannan L
 Unit No: 67
 Reference Elevations: 2490.00 ft (KB)
 ft (CF)
 KB to GR/CF: ft

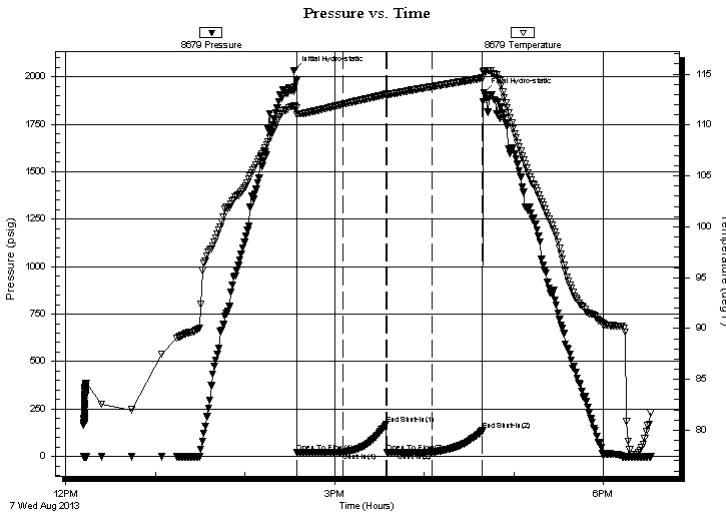
Serial #: 8679

Inside

Press @ Run Depth: 23.15 psig @ 3998.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.08.07 End Date: 2013.08.07 Last Calib.: 2013.08.07
 Start Time: 12:12:01 End Time: 18:31:30 Time On Btm: 2013.08.07 @ 14:33:00
 Time Off Btm: 2013.08.07 @ 16:40:00

TEST COMMENT: 30- IF- Surface blow that died
 30- IS- No blow
 30- FF- No blow
 30- FSI- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2032.96	111.85	Initial Hydro-static
2	21.53	111.00	Open To Flow (1)
33	22.75	112.03	Shut-In(1)
62	172.17	113.03	End Shut-In(1)
62	23.45	112.96	Open To Flow (2)
92	23.15	113.76	Shut-In(2)
126	136.53	114.62	End Shut-In(2)
127	1915.65	115.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OCM, 2%O 98%M	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

Prater Oil & Gas Operations

28-8s-25w Graham,KS

1303 N. Main
Pratt, KS 67124

Culley A #2

Job Ticket: 50821

DST#: 2

ATTN: Scott Alberg

Test Start: 2013.08.07 @ 12:12:00

Tool Information

Drill Pipe:	Length: 3936.00 ft	Diameter: 3.80 inches	Volume: 55.21 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 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:	60000.00 lb
			<u>Total Volume: 55.21 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	55000.00 lb
Depth to Top Packer:	3957.00 ft			Final	55000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	46.00 ft				
Tool Length:	74.00 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			3930.00	
Shut In Tool	5.00			3935.00	
Hydraulic tool	5.00			3940.00	
Jars	5.00			3945.00	
Safety Joint	2.00			3947.00	
Packer	5.00			3952.00	28.00 Bottom Of Top Packer
Packer	5.00			3957.00	
Stubb	1.00			3958.00	
Perforations	8.00			3966.00	
Change Over Sub	1.00			3967.00	
Drill Pipe	31.00			3998.00	
Recorder	0.00	6625	Outside	3998.00	
Recorder	0.00	8679	Inside	3998.00	
Change Over Sub	1.00			3999.00	
Perforations	1.00			4000.00	
Bullnose	3.00			4003.00	46.00 Bottom Packers & Anchor
Total Tool Length:	74.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prater Oil & Gas Operations

28-8s-25w Graham,KS

1303 N. Main
Pratt, KS 67124

Culley A #2

Job Ticket: 50821

DST#: 2

ATTN: Scott Alberg

Test Start: 2013.08.07 @ 12:12:00

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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	OCM, 2%O 98%M	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 #: 8679

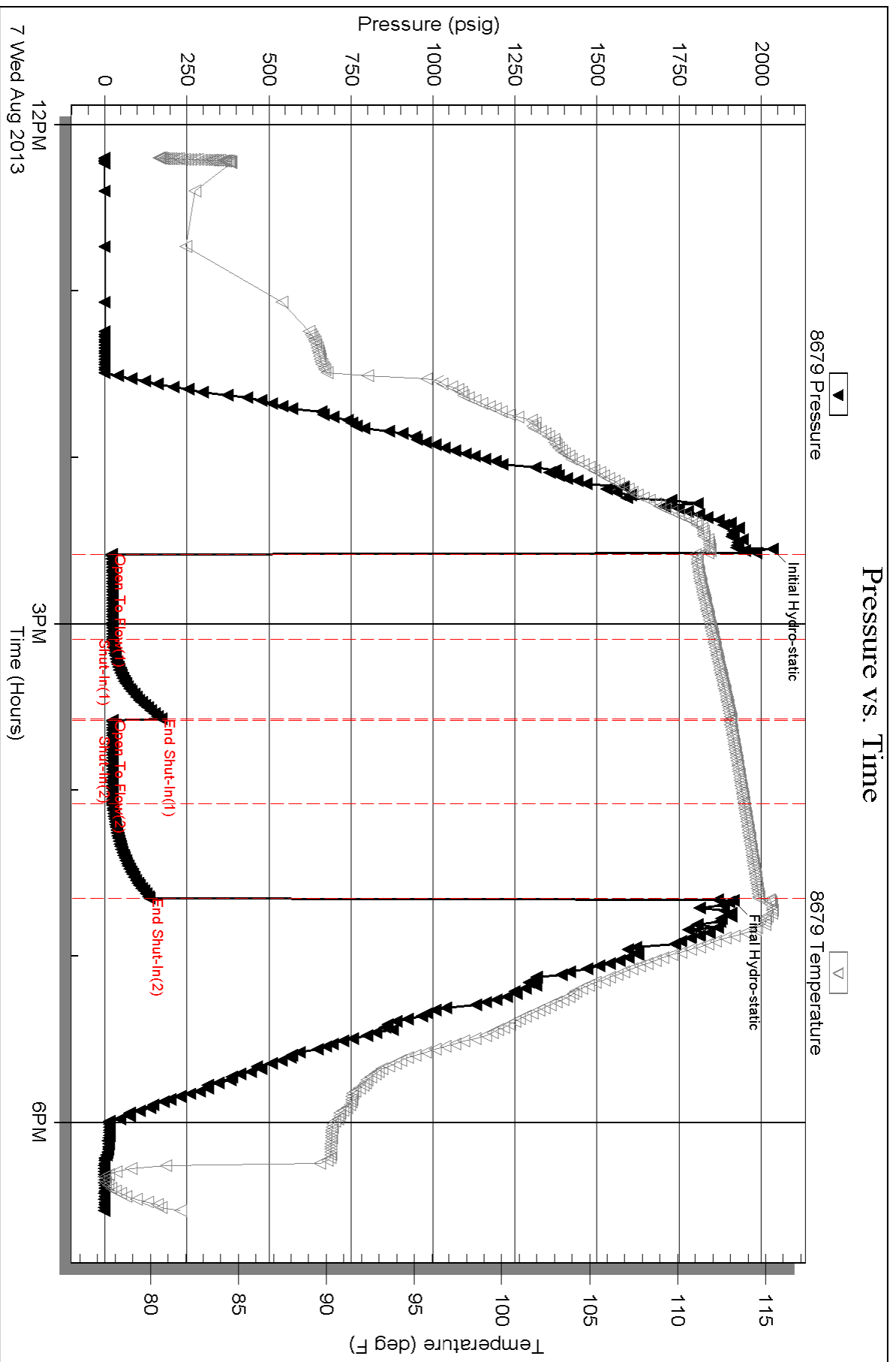
Inside

Prater Oil & Gas Operators

Calley A #2

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 50821

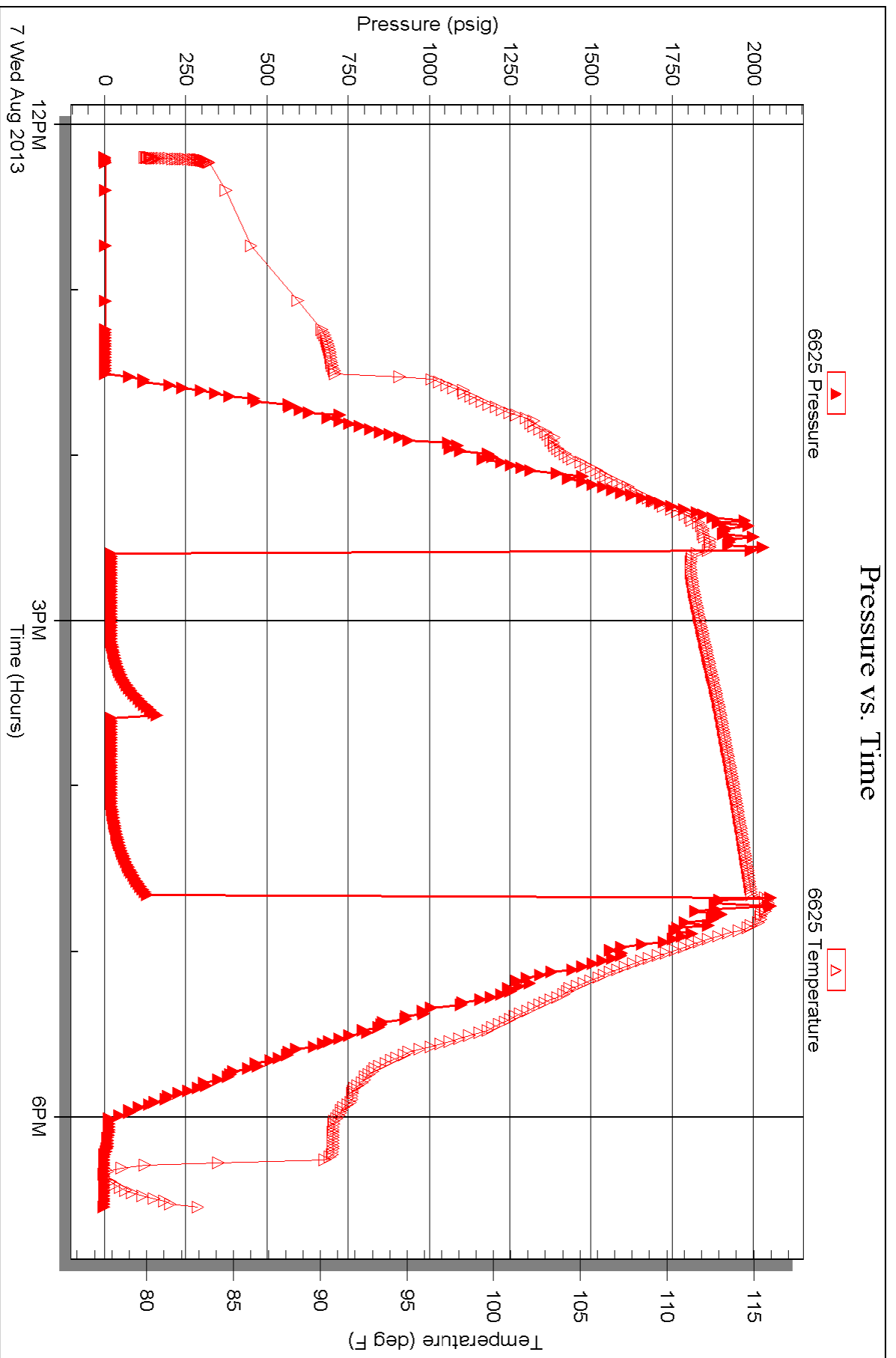
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Serial #: 6625

Outside Prater Oil & Gas Operators

Calley A#2

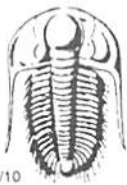
DST Test Number: 2



Triobite Testing, Inc

Ref. No: 50821

Printed: 2013.08.08 @ 11:10:57



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50820

Well Name & No. Culley A#2 Test No. 1 Date 8/6/13
 Company Prater Oil & Gas Operations Elevation 2490 KB _____ GL _____
 Address 1303 N. Main Pratt, KS 67124
 Co. Rep / Geo. Scott Alberg Rig Maverick #108
 Location: Sec. 28 Twp. 8 Rge. 25 Co. Graham State KS

Interval Tested 3885 - 3960 Zone Tested H-J
 Anchor Length 75' Drill Pipe Run 3873 Mud Wt. 9.0
 Top Packer Depth 3880 Drill Collars Run _____ Vis 53
 Bottom Packer Depth 3885 Wt. Pipe Run _____ WL 5.8
 Total Depth 3960 Chlorides 1200 ppm System LCM 3#

Blow Description IF - Surface blow that dried
ISI - No blow
FF - No blow
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>M</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

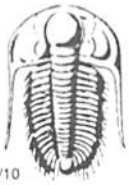
Rec Total 5' BHT 116° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1922 Test 1150 T-On Location 1800
 (B) First Initial Flow 20 Jars 250 T-Started 1940
 (C) First Final Flow 23 Safety Joint 75 T-Open 2211
 (D) Initial Shut-In 534 Circ Sub _____ T-Pulled 0011
 (E) Second Initial Flow 24 Hourly Standby _____ T-Out 0222
 (F) Second Final Flow 25 Mileage 166 RT 124rt 192.20 Comments _____
 (G) Final Shut-In 463 Sampler _____
 (H) Final Hydrostatic 1908 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1667.20
 Sub Total 1667.20
 Total 1667.20
 MP/DST Disc't _____

Approved By _____ Our Representative Brannan L.

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. 50821

Well Name & No. Calley A#2 Test No. 2 Date 8/7/13
 Company Peter Oil + Gas Operations Elevation 2490 KB _____ GL _____
 Address 1303 N. Main Pratt, KS 67124
 Co. Rep / Geo. Scott Alberg Rig Maverick 108
 Location: Sec. 28 Twp. 8 Rge. 25 Co. Graham State KS

Interval Tested 3957-4003 Zone Tested K+L
 Anchor Length 46' Drill Pipe Run 3936 Mud Wt. 9.1
 Top Packer Depth 3952 Drill Collars Run _____ Vis 56
 Bottom Packer Depth 3957 Wt. Pipe Run _____ WL 6.2
 Total Depth 4003 Chlorides 1200 ppm System LCM 2#

Blow Description IF - Surface Blow
ISI - No blow
PF - No blow
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>OCM</u>		<u>2</u>		<u>98</u>
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 5' BHT 115° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2033 Test 1250 T-On Location 1130
 (B) First Initial Flow 22 Jars 250 T-Started 1212
 (C) First Final Flow 23 Safety Joint 75 T-Open 1435
 (D) Initial Shut-In 172 Circ Sub _____ T-Pulled 1635
 (E) Second Initial Flow 23 Hourly Standby _____ T-Out 1833
 (F) Second Final Flow 23 Mileage 166 RT 192.20 Comments _____
 (G) Final Shut-In 137 Sampler _____
 (H) Final Hydrostatic 1916 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30 Ruined Shale Packer _____
 Initial Shut-In 30 Ruined Packer _____
 Final Flow 30 Extra Copies _____
 Final Shut-In 30 Sub Total 0
 Total 1667.20
 MP/DST Disc't _____
 Sub Total 1667.20

Approved By _____ Our Representative Brannon L

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