



KANSAS CORPORATION COMMISSION 1110311
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1110311

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

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

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

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
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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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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REMIT TO
RR 1 BOX 90 D
HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

DATE	8/1/12	SEC.		RANG/TWP.		LEASE	Coburn	WELL #	1-11A	ON LOCATION		JOB STAR COUNTY	5
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CONTRACTOR	Maerick 108	OWNER	Calbreath
TYPE OF JOB		CEMENT	
HOLE SIZE	11 7/8	T.D.	263
CASING SIZE	8 7/8	DEPTH	25596
TUBING SIZE		DEPTH	
DRILL PIPE	4 1/2	DEPTH	
TOOL		DEPTH	
PRES. MAX		MINIMUM	
DISPLACEMENT	1556H	SHOE JOINT	
CEMENT LEFT IN CSG.	15-30	COMMON	105
PERFS		POZMIX	
EQUIPMENT		GEL	4
		CHLORIDE	6
		ASC	
PUMP TRUCK			
#	2		
BULK TRUCK			
#	1		
BULK TRUCK			
#	1		
		HANDLING	195
		MILEAGE	28
		TOTA	

REMARKS	PLUG DOWN @ 12:00 PM	SERVICE	See file
		DEPT OF JOB	
		PUMP TRUCK CHARGE	
		EXTRA FOOTAGE	
		MILEAGE	28
		MANIFOLD	
		TOTA	

CHARGE TO:	Calbreath
STREET	
CITY	
STATE	
ZIP	

To: Schippers Oil Field Service LLC

You are hereby requested to rent cementing equipment and furnish staff to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT	@
	@
	@
	@
	@
TAX	
TOTAL CHARGE	
DISCOUNT (IF PAID IN 20 DAYS)	
TOTA	

SIGNATURE

Michael Smith

PRINTED NAME

Michael S



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Culbreath Oil & Gas

1532 S. Peopia Ave.
Tulsa OK 74120

ATTN: Sean Deenihan

17-10s-26w Sheridan KS

Coburn #1-17

Job Ticket: 46180 DST#: 1

Test Start: 2012.08.22 @ 18:15:00

GENERAL INFORMATION:

Formation: LKC-B

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:06:30

Time Test Ended: 00:49:00

Interval: 3879.00 ft (KB) To 3902.00 ft (KB) (TVD)

Total Depth: 3902.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Kreutzer Jr.

Unit No: 61

Reference Elevations: 2613.00 ft (KB)

2603.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8673

Outside

Press@RunDepth: psig @ 3880.00 ft (KB)

Start Date: 2012.08.22 End Date: 2012.08.23

Capacity: 8000.00 psig

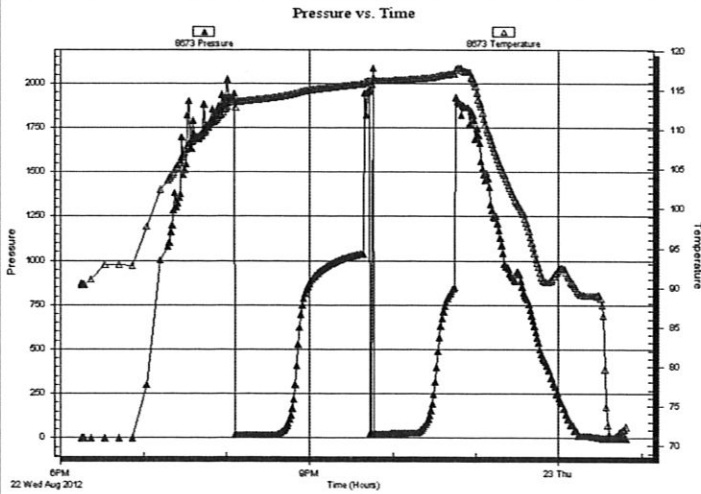
Last Calib.: 2012.08.23

Start Time: 18:15:05 End Time: 00:48:59

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Weak surface blow, Blow stayed at surface thru 15 mins. Then died for 5 mins. then weak surface the remainder
 IS: No blow back.
 IS: No blow, Flushed tool, Weak surface blow, Died in 10 secs.
 FF: No blow back.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbt)
34.00	HOCM-40%o60%m	0.48

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Culbreath Oil & Gas

17-10s-26w Sheridan KS

1532 S. Peopia Ave.
Tulsa OK 74120

Coburn #1-17

Job Ticket: 46180

DST#: 1

ATTN: Sean Deenihan

Test Start: 2012.08.22 @ 18:15:00

Tool Information

Drill Pipe:	Length: 3868.00 ft	Diameter: 3.80 inches	Volume: 54.26 bbl	Tool Weight: 2600.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 54.26 bbl</u>	Tool Chased 4.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3879.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 ft			
Tool Length:	51.00 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			3856.00	
Hydraulic tool	5.00			3861.00	
Jars	5.00			3866.00	
Safety Joint	3.00			3869.00	
Packer	5.00			3874.00	28.00 Bottom Of Top Packer
Packer	5.00			3879.00	
Stubb	1.00			3880.00	
Recorder	0.00	8791	Inside	3880.00	
Recorder	0.00	8673	Outside	3880.00	
Perforations	19.00			3899.00	
Bullnose	3.00			3902.00	23.00 Bottom Packers & Anchor

Total Tool Length: 51.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Culbreath Oil & Gas

17-10s-26w Sheridan KS

1532 S. Peopia Ave.
Tulsa OK 74120

Coburn #1-17

Job Ticket: 46180

DST#: 1

ATTN: Sean Deenihan

Test Start: 2012.08.22 @ 18:15:00

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: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
34.00	HOCM-40%o60%m	0.477

Total Length: 34.00 ft Total Volume: 0.477 bbl

Num Fluid Samples: 0

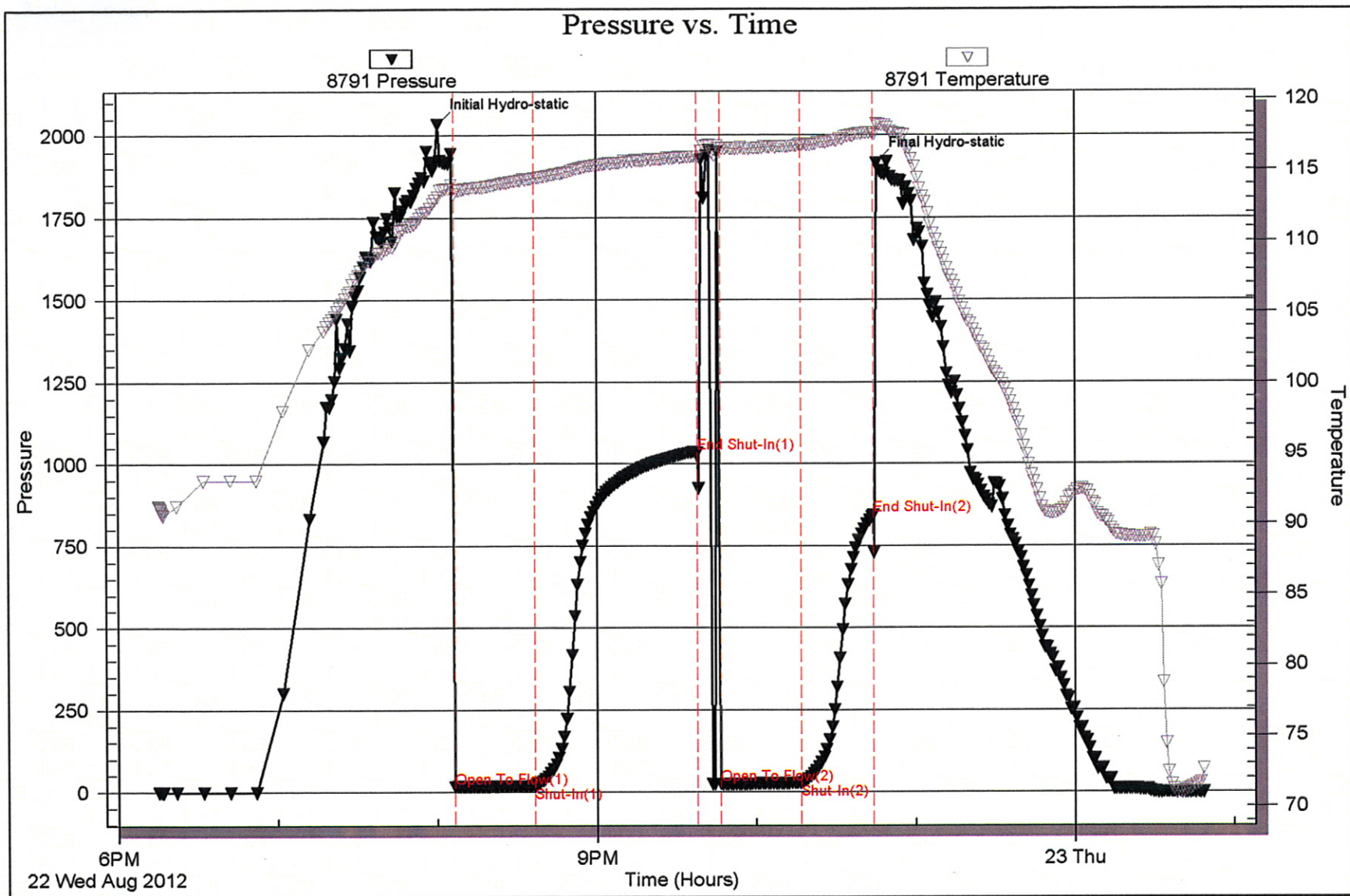
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

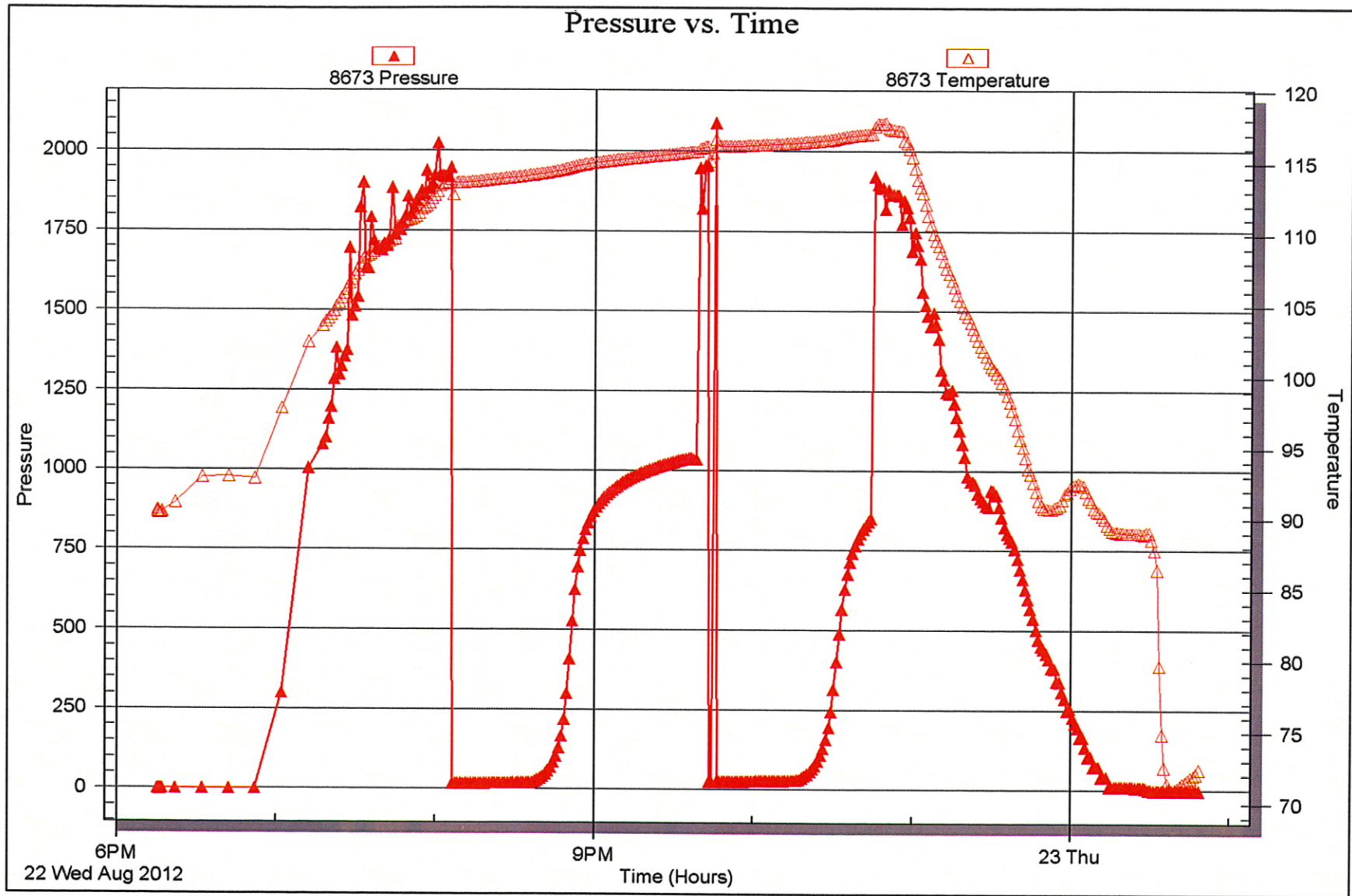


Serial #: 8673

Outside Culbreath Oil & Gas

Coburn #1-17

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Culbreath Oil & Gas**

1532 S. Peopia Ave.
Tulsa OK 74120

ATTN: Sean Deenihan

Coburn #1-17

17-10s-26w Sheridan KS

Start Date: 2012.08.23 @ 22:00:00

End Date: 2012.08.24 @ 09:07:00

Job Ticket #: 46181 DST #: 2

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

Printed: 2012.08.28 @ 11:33:21



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Culbreath Oil & Gas

17-10s-26w Sheridan KS

1532 S. Peopia Ave.
Tulsa OK 74120

Coburn #1-17

Job Ticket: 46181

DST#: 2

ATTN: Sean Deenihan

Test Start: 2012.08.23 @ 22:00:00

GENERAL INFORMATION:

Formation: LKC-K

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:54:30

Time Test Ended: 09:07:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Kreutzer Jr.

Unit No: 61

Interval: 4010.00 ft (KB) To 4070.00 ft (KB) (TVD)

Reference Elevations: 2613.00 ft (KB)

Total Depth: 4070.00 ft (KB) (TVD)

2603.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8791

Inside

Press@RunDepth: 35.47 psig @ 4015.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.23

End Date:

2012.08.24

Last Calib.: 2012.08.24

Start Time: 22:00:05

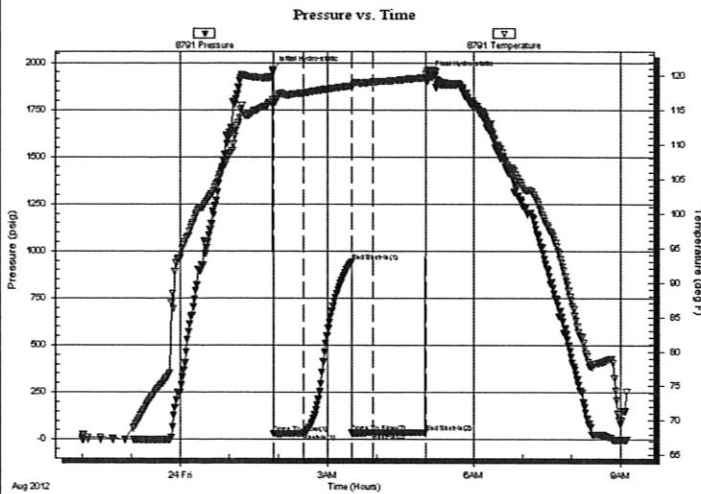
End Time:

09:07:00

Time On Btm: 2012.08.24 @ 01:53:00

Time Off Btm: 2012.08.24 @ 05:04:00

TEST COMMENT: IF: Weak surface blow over 30 mins.
IS: No blow back
FF: No blow over 30 mins.
FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1963.20	116.52	Initial Hydro-static
2	31.04	115.87	Open To Flow (1)
38	32.43	117.36	Shut-In(1)
97	943.70	118.52	End Shut-In(1)
97	34.26	118.27	Open To Flow (2)
123	35.47	119.09	Shut-In(2)
187	37.82	119.74	End Shut-In(2)
191	1934.84	120.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	ocm-30%o70%m	0.21
10.00	free oil-100%o	0.14

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Culbreath Oil & Gas

17-10s-26w Sheridan KS

1532 S. Peopia Ave.
Tulsa OK 74120

Coburn #1-17

Job Ticket: 46181

DST#: 2

ATTN: Sean Deenihan

Test Start: 2012.08.23 @ 22:00:00

GENERAL INFORMATION:

Formation: LKC-K

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:54:30

Time Test Ended: 09:07:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Kreutzer Jr.

Unit No: 61

Interval: 4010.00 ft (KB) To 4070.00 ft (KB) (TVD)

Total Depth: 4070.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2613.00 ft (KB)

2603.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8673

Outside

Press@RunDepth: psig @ 4015.00 ft (KB)

Start Date: 2012.08.23

End Date:

2012.08.24

Capacity:

8000.00 psig

Start Time:

22:00:05

End Time:

09:07:00

Last Calib.:

2012.08.24

Time On Btm:

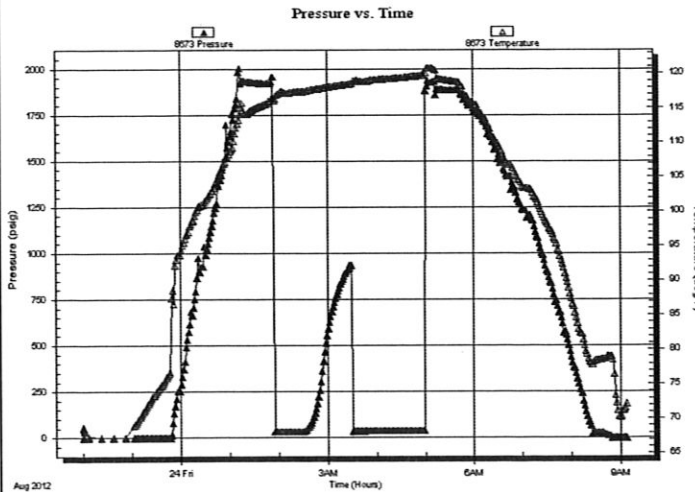
Time Off Btm:

TEST COMMENT: IF: Weak surface blow over 30 mins.

ISI: No blow back

FF: No blow over 30 mins.

FSI: No blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
15.00	ocm-30%o70%m	0.21
10.00	free oil-100%o	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

Culbreath Oil & Gas

17-10s-26w Sheridan KS

1532 S. Peopia Ave.
Tulsa OK 74120

Coburn #1-17

Job Ticket: 46181

DST#: 2

ATTN: Sean Deenihan

Test Start: 2012.08.23 @ 22:00:00

Tool Information

Drill Pipe:	Length: 3999.00 ft	Diameter: 3.80 inches	Volume: 56.10 bbl	Tool Weight: 2600.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 56.10 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4010.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	88.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3987.00	
Hydraulic tool	5.00			3992.00	
Jars	5.00			3997.00	
Safety Joint	3.00			4000.00	
Packer	5.00			4005.00	28.00 Bottom Of Top Packer
Packer	5.00			4010.00	
Stubb	1.00			4011.00	
Change Over Sub	1.00			4012.00	
Perforations	3.00			4015.00	
Recorder	0.00	8791	Inside	4015.00	
Recorder	0.00	8673	Outside	4015.00	
Blank Spacing	31.00			4046.00	
Change Over Sub	1.00			4047.00	
Perforations	20.00			4067.00	
Bullnose	3.00			4070.00	60.00 Bottom Packers & Anchor

Total Tool Length: 88.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Culbreath Oil & Gas

17-10s-26w Sheridan KS

1532 S. Peopia Ave.
Tulsa OK 74120

Coburn #1-17

Job Ticket: 46181

DST#: 2

ATTN: Sean Deenihan

Test Start: 2012.08.23 @ 22:00:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	ocm-30%o70%m	0.210
10.00	free oil-100%o	0.140

Total Length: 25.00 ft Total Volume: 0.350 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

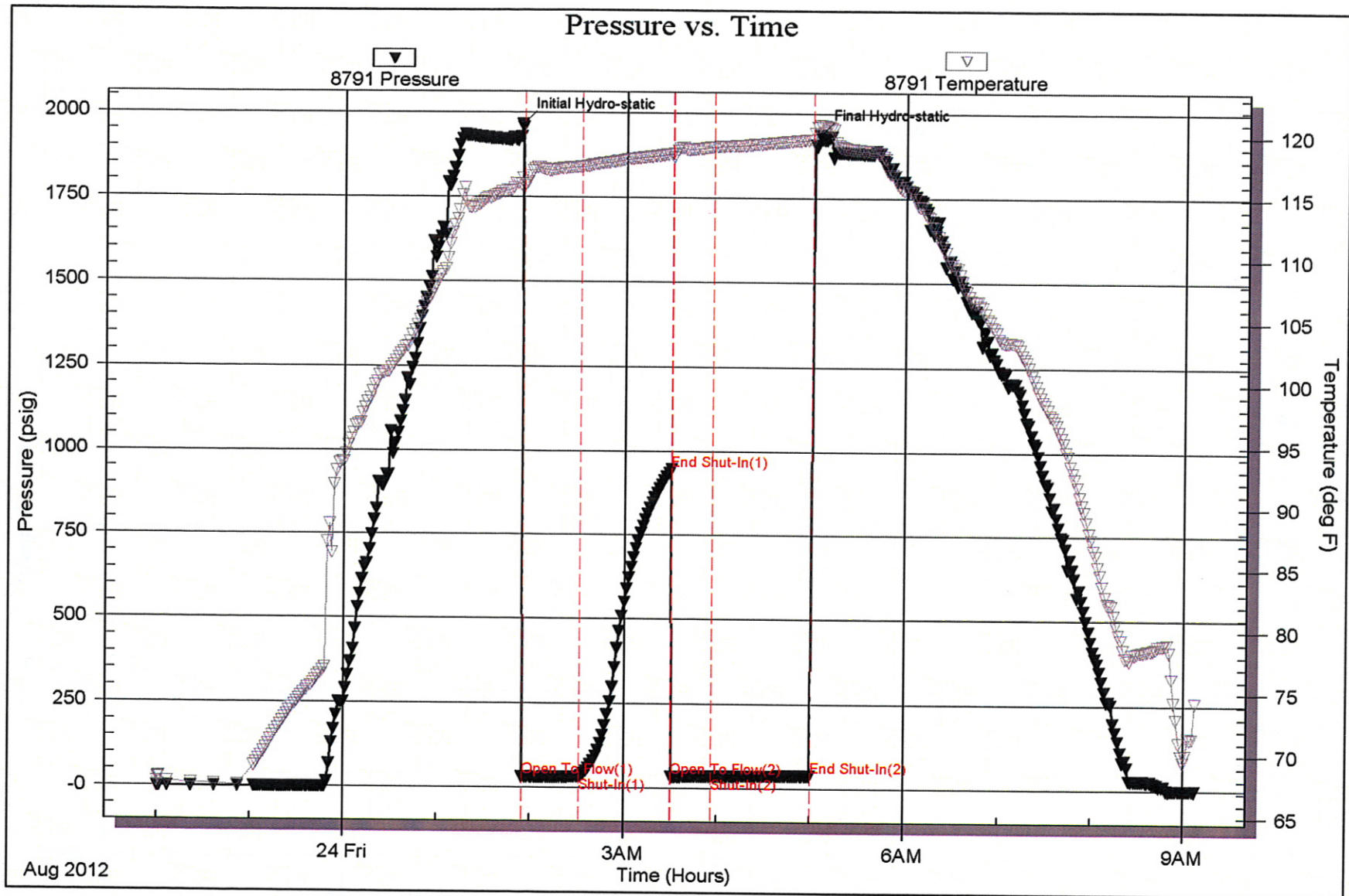
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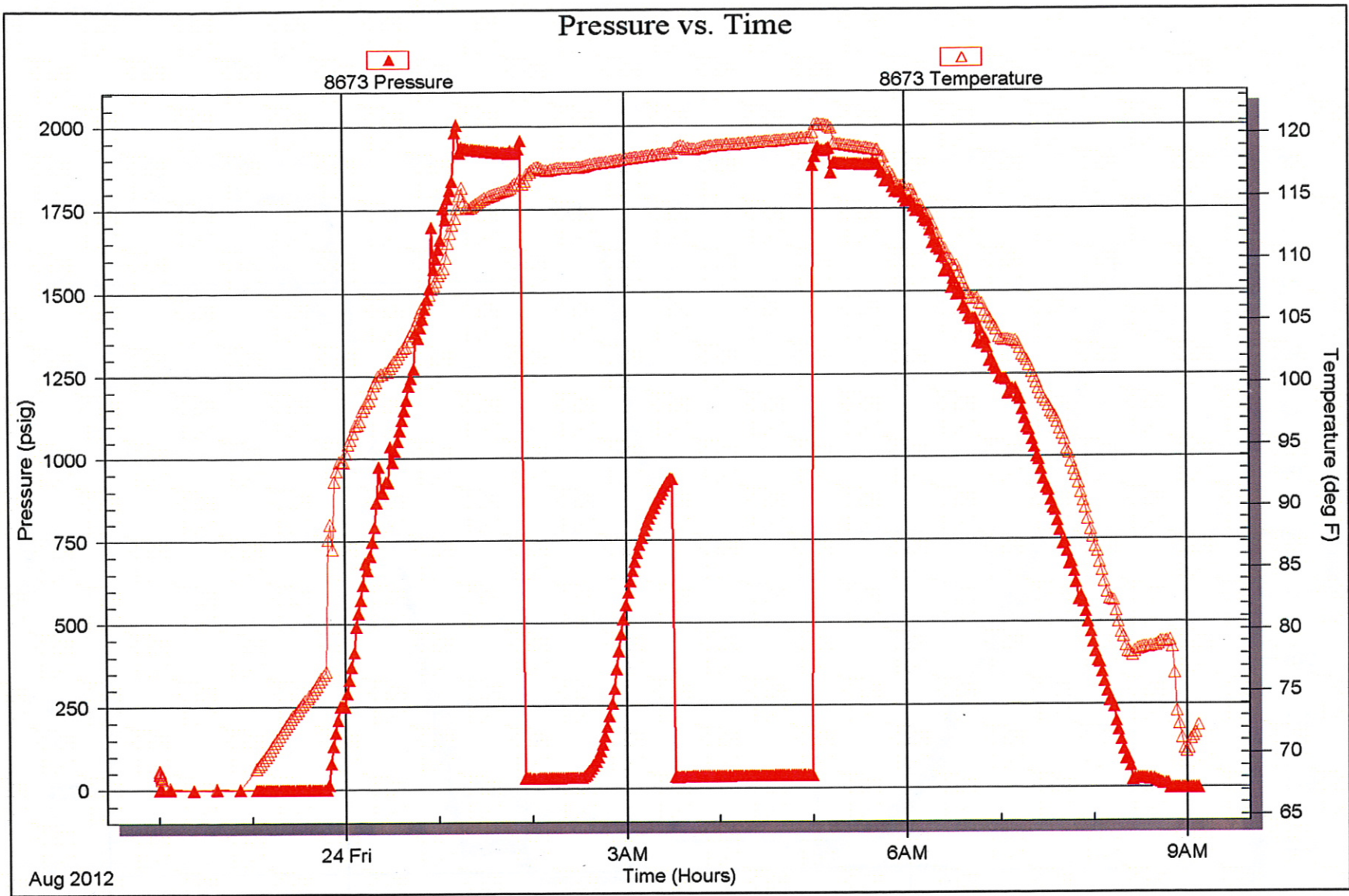
Serial #: 8791

Inside Culbreath Oil & Gas

Coburn #1-17

DST Test Number: 2







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. **46180**

4/10

Well Name & No. <u>Coburn 1-12A</u>	Test No. <u>1</u>	Date <u>8-22-12</u>
Company <u>Culbreath Oil & Gas</u>	Elevation <u>2613</u>	KB <u>2603</u> GL
Address <u>1532 S. Poplar Ave Tulsa OK, 74120</u>		
Co. Rep / Geo. <u>Sean</u>	Rig <u>Maurick</u>	
Location: Sec. <u>17</u>	Twp. <u>10</u>	Rge. <u>26W</u> Co. <u>Sheridan</u> State <u>KS</u>

Interval Tested <u>3879</u> <u>3902</u>	Zone Tested <u>LKC-B</u>
Anchor Length <u>23</u>	Drill Pipe Run <u>3860</u> Mud Wt. <u>9.2</u>
Top Packer Depth <u>3874</u>	Drill Collars Run <u>0</u> Vis <u>57</u>
Bottom Packer Depth <u>3879</u>	Wt. Pipe Run <u>0</u> WL <u>8.4</u>
Total Depth <u>3902</u>	Chlorides <u>2500</u> ppm System LCM <u>3A</u>

Blow Description IF: Weak surface blow, Blow stopped at surface for 15 mins. Then Died for 5 mins and weak surface far repair

ISI: No blow back

FF: No blow, Flushed tool, Weak surface Dead in 10 secs.

FST: No blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>34</u>	<u>HOCM</u>		<u>40</u>		<u>60</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 <u>34</u>	BHT <u>117</u>	Gravity	API RW	@	°F Chlorides	ppm
(A) Initial Hydrostatic <u>2032</u>	<input checked="" type="checkbox"/> Test 1150	T-On Location <u>17:15</u>				
(B) First Initial Flow <u>15</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>18:15</u>				
(C) First Final Flow <u>19</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>20:06</u>				
(D) Initial Shut-In <u>1036</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>22:40</u>				
(E) Second Initial Flow <u>25</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>00:49</u>				
(F) Second Final Flow <u>27</u>	<input checked="" type="checkbox"/> Mileage <u>60x2 = 120x1.55 = 186</u>	Comments				
(G) Final Shut-In <u>844</u>	<input type="checkbox"/> Sampler					
(H) Final Hydrostatic <u>1915</u>	<input type="checkbox"/> Straddle					

Initial Open <u>30</u>
Initial Shut-In <u>60</u>
Final Flow <u>30</u>
Final Shut-In <u>30</u>

<input type="checkbox"/> Ruined Shale Packer
<input type="checkbox"/> Ruined Packer
<input type="checkbox"/> Extra Copies
Sub Total <u>0</u>
Total <u>1661</u>
MP/DST Disc't
Sub Total <u>1661</u>

Approved By _____

Our Representative

Chuck Hoge

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.

785-259-3188



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 46181

Well Name & No. Coburn 1-17A Test No. 2 Date 8-29-2012
 Company Culbreath Oil & Gas Elevation 2613 KB 2603 GL
 Address 1532 S. Peoria Ave. Tulsa Ok. 74120
 Co. Rep / Geo. Sean Deenehee Rig Mavnick
 Location: Sec. 17 Twp. 10 Rge. 26W Co. Sheridan State KS

Interval Tested 4010 4070 Zone Tested LRC-K
 Anchor Length 60 Drill Pipe Run 3999 Mud Wt. 9.2
 Top Packer Depth 4005 Drill Collars Run - 0- Vis 57
 Bottom Packer Depth 4010 Wt. Pipe Run - 0- WL 8.4
 Total Depth 4070 Chlorides 2500 ppm System LCM 3#

Blow Description FF: Weak blow, surface blow over 30 mins.
ISI: No blow back.
FF: No blow
FSI: No blow back

Rec	Feet of	%gas	%oil	%water	%mud
10	Feet of <u>Free oil</u>		100%		
15	Feet of <u>OCM</u>		30%		70%
	Feet of		30 %		70 %
	Feet of		%oil	%water	%mud
	Feet of		%oil	%water	%mud

Rec Total 25 BHT 119 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1963 Test 1250 T-On Location 8/23 20:00
 (B) First Initial Flow 31 Jars 250 T-Started 22:00
 (C) First Final Flow 32 Safety Joint 75 T-Open 1:54
 (D) Initial Shut-In 944 Circ Sub T-Pulled 4:10
 (E) Second Initial Flow 34 Hourly Standby 2hrs 3hrs 300 T-Out 8/24 9:00
 (F) Second Final Flow 35 Mileage 60x2=120x1.55=186 ³⁷² Comment Rig called out to rig at 18:15 for DST 2 - pulled tight and had to do another short trip.
 (G) Final Shut-In 38 Sampler Comments
 (H) Final Hydrostatic 1935 Straddle Initial State Packer Break Out + Leve
Went out could turn table or use temp
Had to use makeups
to break pipe and use chain to spin
Extra pipe loaded tools

~~_____~~ Loaded tools
~~_____~~ ON 8-25 at 3:00 AM

Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 66 Day Standby _____ Total 2247
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 2247

Approved By _____ Our Representative Chuck Hayes

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