



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 # 34344
Name: Culbreath Oil & Gas Company, Inc.
Address 1: 1532 S PEORIA AVE
Address 2:
City: TULSA State: OK Zip: 74120 + 6202
Contact Person: Billy Schmidt
Phone: (918) 749-3508
CONTRACTOR: License # 34233
Name: Maverick Drilling LLC
Wellsite Geologist: Sean Deenihan
Purchaser:

Designate Type of Completion:

- New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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 #:

08/16/2012	08/24/2012	08/24/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-179-21313-00-00
Spot Description: 30 feet north, 30 feet east, N/2 SW SW
NW NE SW SW Sec. 17 Twp. 10 S. R. 26 East West
1020 Feet from North / South Line of Section
690 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Sheridan
Lease Name: Coburn Well #: 1-17A
Field Name: WC

Producing Formation: LKC

Elevation: Ground: 2599 Kelly Bushing: 2608

Total Depth: 4122 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 263 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

(Date must be collected from the Reserve Pit)

Chloride content: 2600 ppm Fluid volume: 400 bbls

Dewatering method used: Evaporated

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: Deanna Garrison Date: 01/29/2013



1110311

Operator Name: Culbreath Oil & Gas Company, Inc. Lease Name: Coburn Well #: 1-17A
 Sec. 17 Twp. 10 S. R. 26 East West County: Sheridan

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: DIL, CND, Micro	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>2240</td> <td></td> </tr> <tr> <td>Base Anhydrite</td> <td>2277</td> <td></td> </tr> <tr> <td>Heebner</td> <td>3822</td> <td></td> </tr> <tr> <td>Toronto</td> <td>3844</td> <td></td> </tr> <tr> <td>Muncie Creek</td> <td>3941</td> <td></td> </tr> <tr> <td>Stark Shale</td> <td>4056</td> <td></td> </tr> <tr> <td>BKC</td> <td>4097</td> <td></td> </tr> </tbody> </table>	Name	Top	Datum	Anhydrite	2240		Base Anhydrite	2277		Heebner	3822		Toronto	3844		Muncie Creek	3941		Stark Shale	4056		BKC	4097	
Name	Top	Datum																							
Anhydrite	2240																								
Base Anhydrite	2277																								
Heebner	3822																								
Toronto	3844																								
Muncie Creek	3941																								
Stark Shale	4056																								
BKC	4097																								

CASING RECORD <input checked="" 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
Surface	12.25	8.625	23	263	Common	185	4% gel, 6% CC

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
— Perforate				
— Protect Casing	-			
— Plug Back TD				
— 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: <input type="checkbox"/> Yes <input type="checkbox"/> No	
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 (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) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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REMIT TO
RR 1 BOX 90 D
HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

DATE <i>1/1/11</i>	SEC.	RANGE/TWP.	CALLED OUT	ON LOCATION	JOB START
LEASE <i>Calbreath</i>					COUNTY
			WELLS <i>1 11 A</i>		

CONTRACTOR	<i>10</i>	OWNER	<i>Calbreath</i>	
TYPE OF JOB				
HOLE SIZE <i>1.75</i>	T.D. <i>20</i>	CEMENT		
CASING SIZE <i>6.75</i>	DEPTH <i>3500</i>	AMOUNT ORDERED	<i>1</i>	
TUBING SIZE	DEPTH			
DRILL PIPE <i>4.75</i>	DEPTH			
TOOL	DEPTH			
PRES. MAX	MINIMUM	COMMON	<i>1</i>	@ <i>10</i>
DISPLACEMENT <i>1.50 H</i>	SHOE JOINT	POZMDX		@
CEMENT LEFT IN CSG. <i>15</i>		GEL	<i>4</i>	@ <i>3</i>
PERFS		CHLORIDE	<i>6</i>	@ <i>3</i>
		ASC		@
EQUIPMENT				@
				@
PUMP TRUCK				@
#				@
BULK TRUCK				@
#				@
BULK TRUCK				@
#				@
				@
		HANDLING	<i>10</i>	@
		MILEAGE	<i>2</i>	@ <i>1</i>
				TOTA

REMARKS	SERVICE	
<i>Max Down @ 12:00 PM</i>	DEPT OF JOB	@
	PUMP TRUCK CHARGE	@
	EXTRA FOOTAGE	@
	MILEAGE	@ <i>3</i>
<i>Calbreath P.O.</i>	MANIFOLD	@
		@
		TOTA

CHARGE TO: <i>Calbreath</i>	
STREET	STATE
CITY	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	
	@
	@
	@
	@
	@
	TOTA
TAX	
TOTAL CHARGE	
DISCOUNT (IF PAID IN 20 DAYS)	

SIGNATURE *Michael S.* PRINTED NAME *Michael S.*



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Culbreath Oil & Gas

17-10s-26w Sheridan KS

1532 S. Peopla 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
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:

bbbl

Water Loss: 8.38 in³

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 bbbl
34.00	HOCM-40%o60%m	0.477

Total Length: 34.00 ft Total Volume: 0.477 bbl

Num Fluid Samples: 0

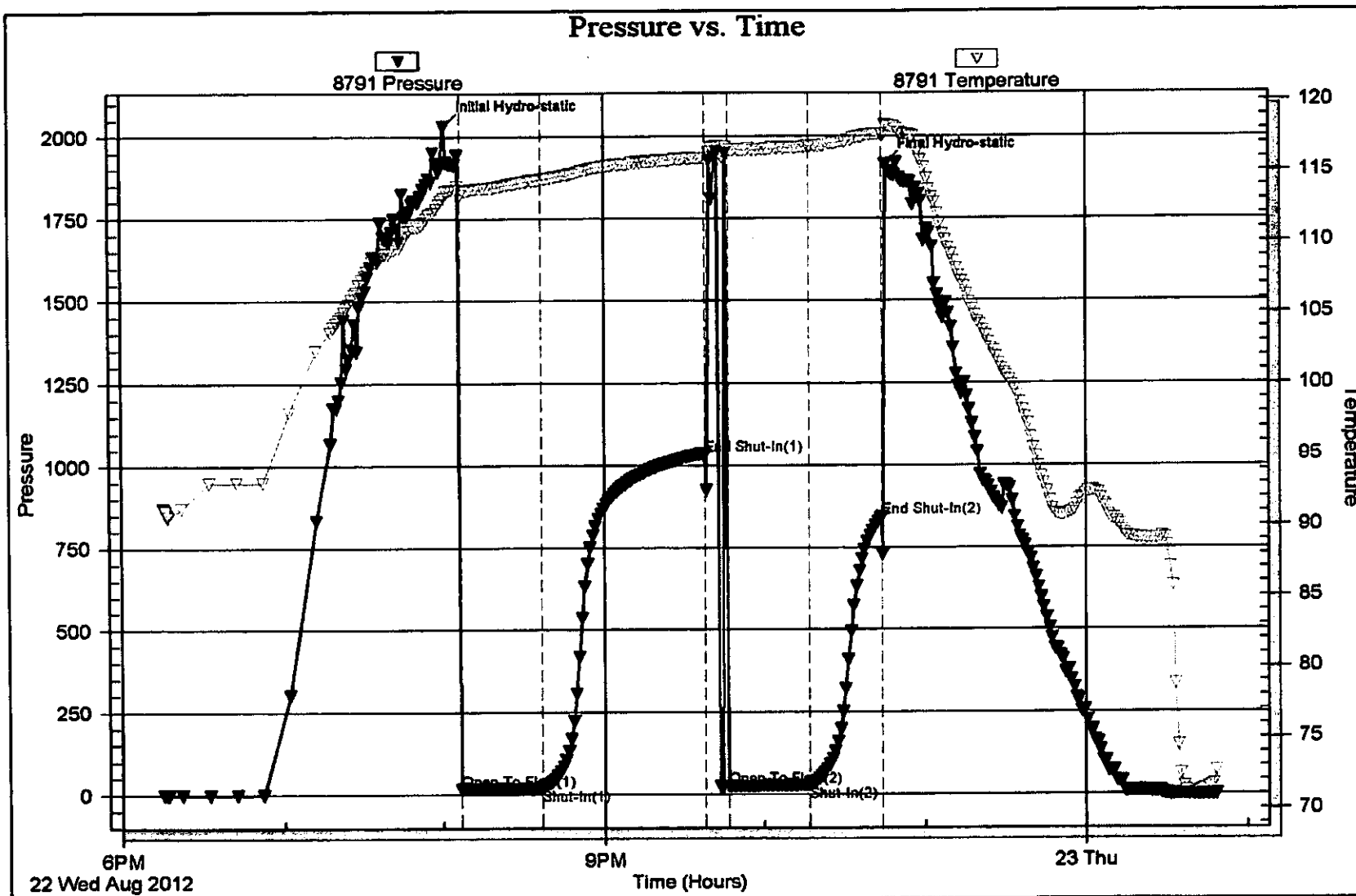
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

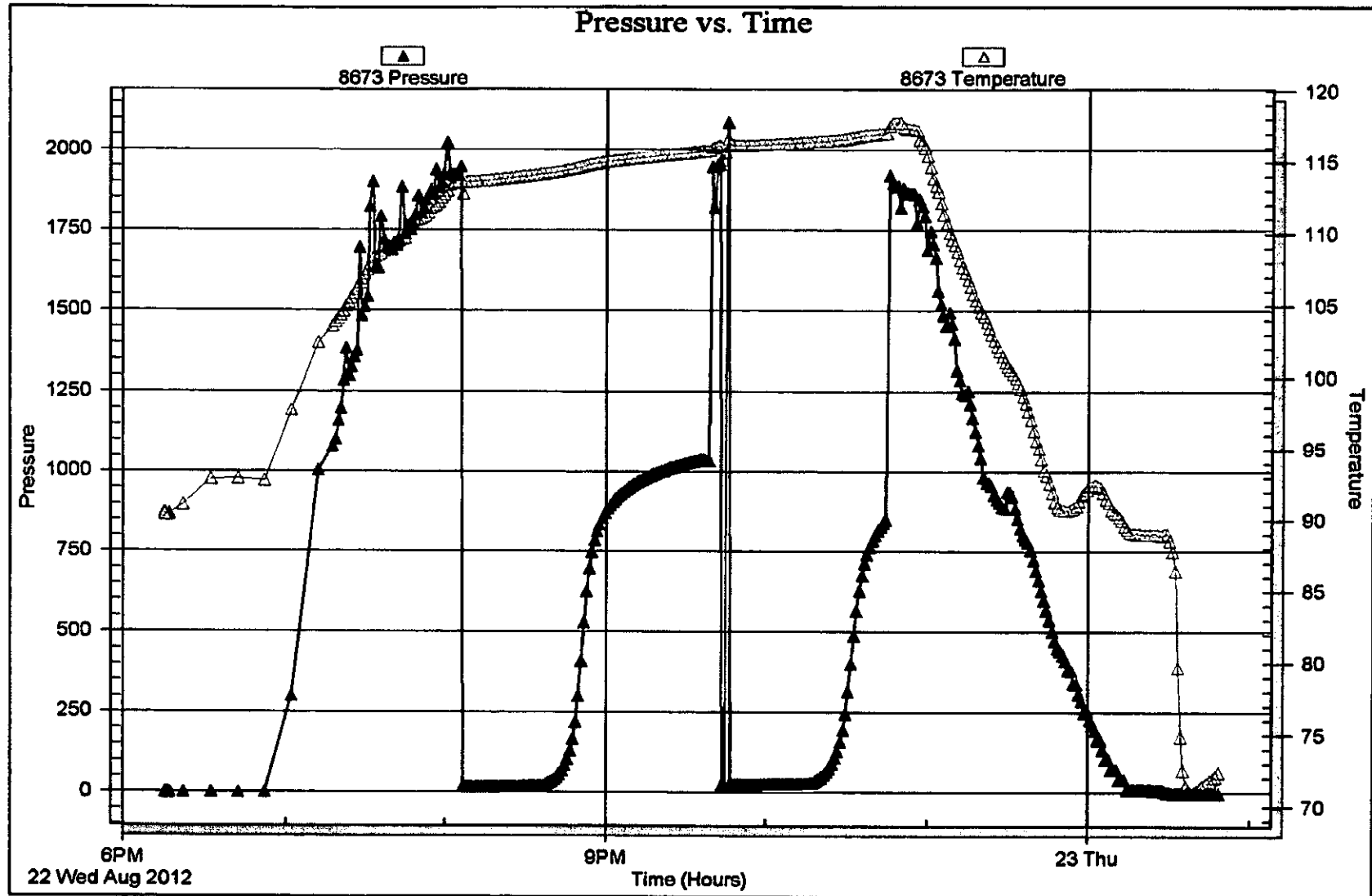


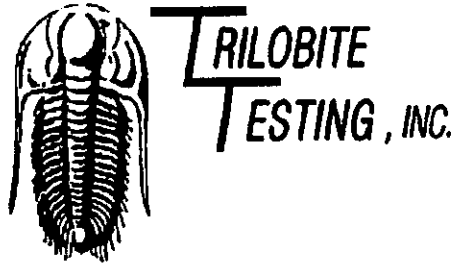
Serial #: 8673

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

Culbreath Oil & Gas
17-10s-26w Sheridan KS
Coburn #1-17
US 1 # 2
LWCN
2012/08/28



**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 #: 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 Blm:

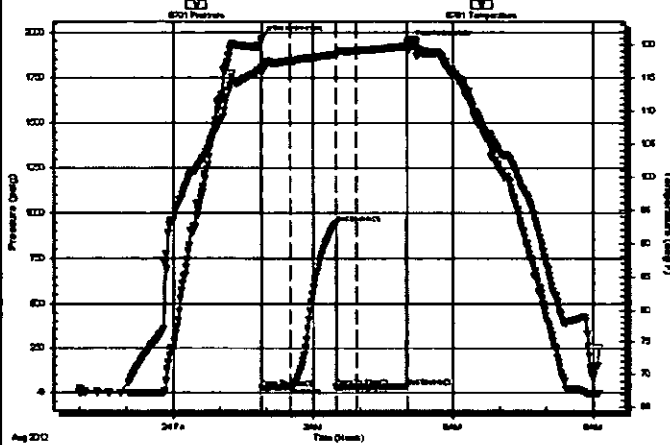
2012.08.24 @ 01:53:00

Time Off Blm:

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 vs. Time



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

* 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

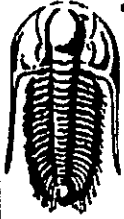
Drill Pipe:	Length: 3999.00 ft	Diameter: 3.80 inches	Volume: 55.10 bbl	Tool Weight: 2600.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 55.10 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	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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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. Peopla 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:

bbbl

Water Loss: 8.38 in³

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 bbbl
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:

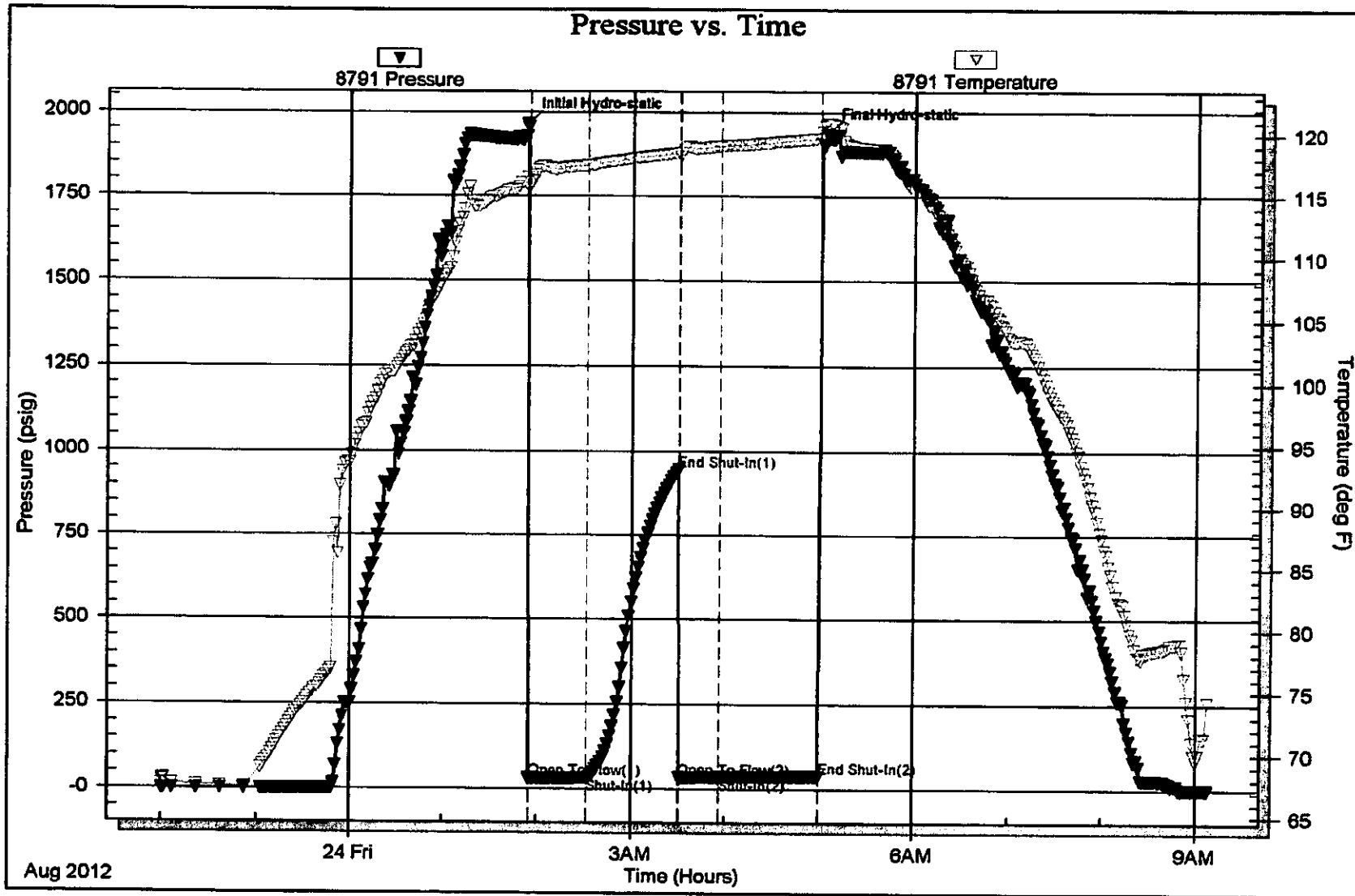
Recovery Comments:

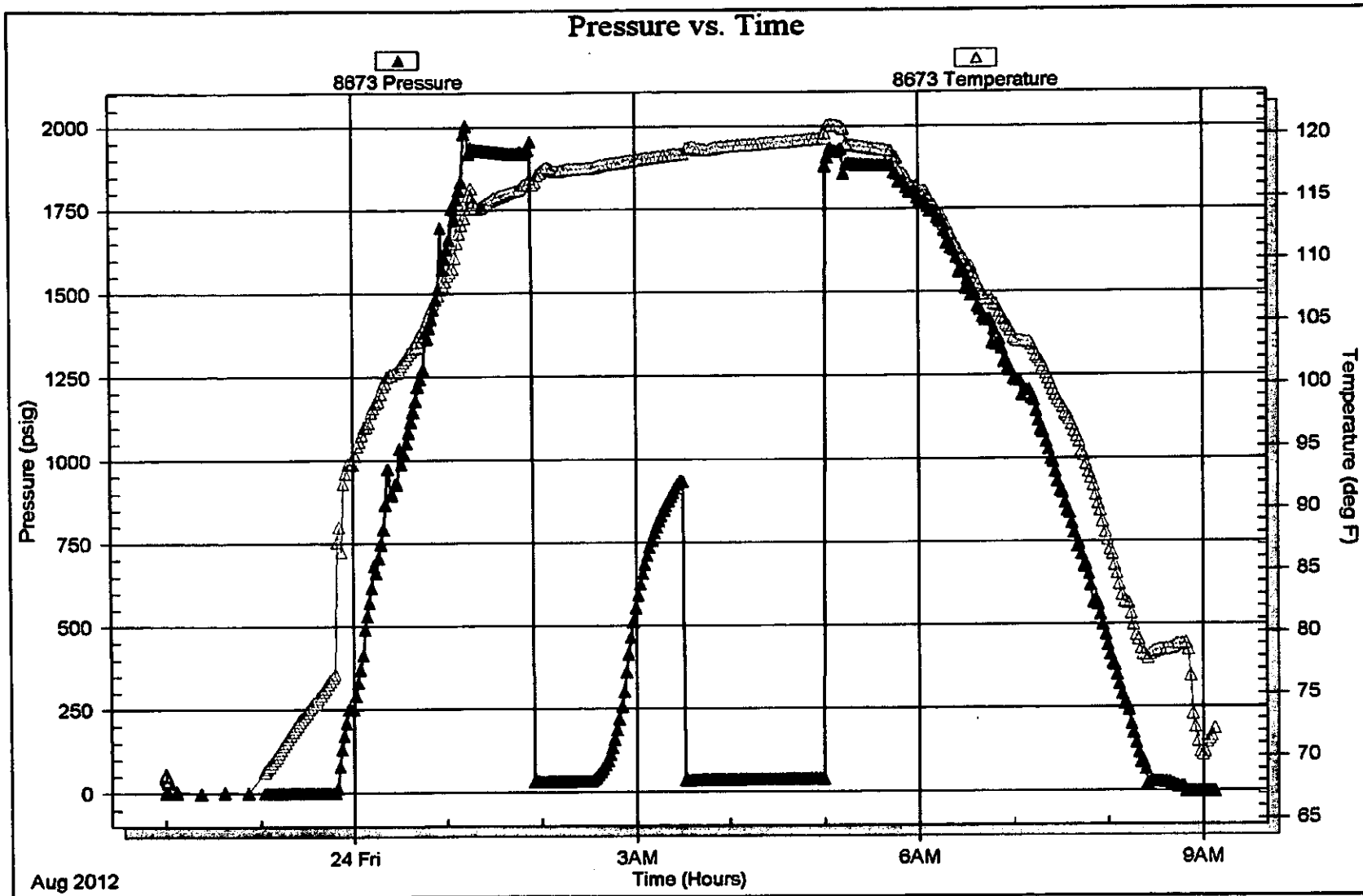
Serial #: 8791

Inside Qilbreath Oil & Gas

Coburn #1-17

DST Test Number: 2







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 46180

Well Name & No. <u>Coburn 1-12A</u>	Test No. <u>1</u>	Date <u>8-22-12</u>
Company <u>Culbreth 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>3868</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>	WI Pipe Run <u>0</u> WI <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 stayed at surface for 15 mins. Then Died for 5 mins and weak surface for 10 min.
ISF: No blow back
FF: No blow, Flushed tool, Weak surface dead in 10 secs.
FSS: 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

Roc 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 <u>1150</u>	T-On Location <u>17:15</u>				
(B) First Initial Flow <u>15</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>18:15</u>				
(C) First Final Flow <u>19</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	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>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1661</u>
	Sub Total <u>1661</u>	MP/DST Disc't

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. <u>Coburn 1-17A</u>	Test No. <u>2</u>	Date <u>8-29-2012</u>
Company <u>Culbreth Oil & Gas</u>	Elevation <u>2613</u>	KB <u>2603</u> GL
Address <u>1532 S. Peoria Ave. Tulsa Ok. 74120</u>	Co. Rep / Geo. <u>Sean Deerehee</u>	Rig <u>Mavnick</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>4010</u>	<u>4070</u>	Zone Tested <u>LKC-15</u>
Anchor Length	<u>60</u>	Drill Pipe Run <u>3999</u>
Top Packer Depth	<u>4065</u>	Drill Collars Run <u>- 0 -</u>
Bottom Packer Depth	<u>4010</u>	Wt Pipe Run <u>- 0 -</u>
Total Depth	<u>4070</u>	Chlorides <u>2500</u>
		ppm System LCM <u>3#</u>

Blow Description IF: 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
<u>10</u>	<u>Feet of free oil</u>		<u>100%</u>		
<u>15</u>	<u>Feet of oil</u>		<u>30%</u>		<u>70%</u>
	<u>Feet of</u>		<u>0%</u>		<u>0%</u>
	<u>Feet of</u>				
	<u>Feet of</u>				

Rec Total <u>25</u>	BHT <u>119</u>	Gravily	API RW	@	F Chlorides	ppm
(A) Initial Hydrostatic	<u>1963</u>	<input checked="" type="checkbox"/> Test 1250			T-On Location <u>8/27</u>	<u>20:00</u>
(B) First Initial Flow	<u>31</u>	<input checked="" type="checkbox"/> Jars 250			T-Started	<u>22:00</u>
(C) First Final Flow	<u>32</u>	<input checked="" type="checkbox"/> Safety Joint 75			T-Open	<u>1:54</u>
(D) Initial Shut-In	<u>944</u>	<input type="checkbox"/> Circ Sub			I-Pulled	<u>4:10</u>
(E) Second Initial Flow	<u>34</u>	<input checked="" type="checkbox"/> Hourly Standby 2hrs 3hrs 300			T-Out <u>8/27</u>	<u>9:00</u>
(F) Second Final Flow	<u>35</u>	<input type="checkbox"/> Mileage <u>60x2=120x1.55=x2</u>			Comment <u>Rig called out to rig at 18:15 for DST 2 - pulled tight and had to do another short trip.</u>	
(G) Final Shut-In	<u>38</u>	<input type="checkbox"/> Sampler			<u>had to use make ups to break pipe and use chain to spin pipe. Loaded tails</u>	
(H) Final Hydrostatic	<u>1935</u>	<input type="checkbox"/> Straddle			<u>had to use make ups to break pipe and use chain to spin pipe. Loaded tails</u>	

Initial Open	<u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total	<u>0</u>
Initial Shut-In	<u>60</u>	<input type="checkbox"/> Day Standby	Total	<u>2247</u>
Final Flow	<u>30</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't	
Final Shut-In	<u>30</u>	Sub Total	<u>2247</u>	

Approved By _____ Our Representative Chuck Huges

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