



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1155970
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: _____



1155970

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

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

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

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

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

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

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

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

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

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

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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DRILL STEM TEST REPORT

Prepared For: **Culbreath Oil & Gas Co. Inc.**

1532 S. Peoria Ave
Tulsa, OK 74120

ATTN: Pat Deenihan

Werth #1-2

2-10s-26w Sheridan,KS

Start Date: 2013.05.25 @ 02:43:00

End Date: 2013.05.25 @ 11:33:15

Job Ticket #: 52676 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.06.03 @ 16:37:48



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Culbreath Oil & Gas Co. Inc.

2-10s-26w Sheridan, KS

1532 S. Peoria Ave
Tulsa, OK 74120

Werth #1-2

ATTN: Pat Deenihan

Job Ticket: 52676

DST#: 1

Test Start: 2013.05.25 @ 02:43:00

GENERAL INFORMATION:

Formation: **Toronto & LKC " A "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:46:15

Time Test Ended: 11:33:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Nichols

Unit No: 65

Interval: 3780.00 ft (KB) To 3832.00 ft (KB) (TVD)

Reference Elevations: 2575.00 ft (KB)

Total Depth: 3832.00 ft (KB) (TVD)

2562.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8846 Inside

Press @ Run Depth: 114.02 psig @ 3781.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.05.25 End Date: 2013.05.25

Last Calib.: 2013.05.25

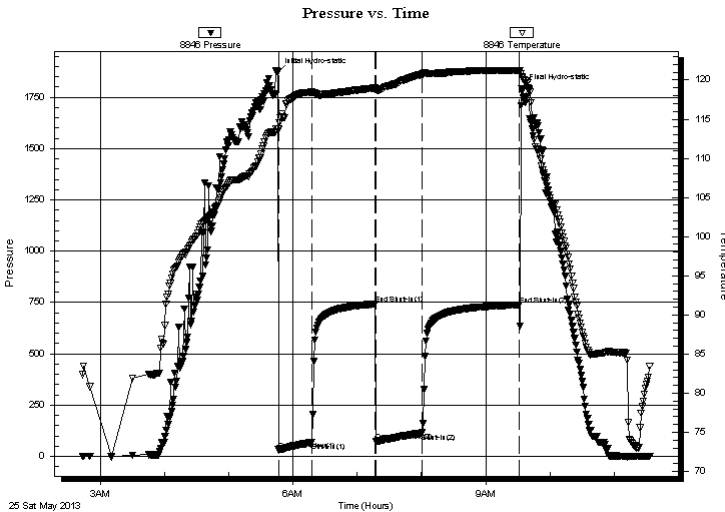
Start Time: 02:43:15 End Time: 11:33:15

Time On Btm: 2013.05.25 @ 05:45:15

Time Off Btm: 2013.05.25 @ 09:33:45

TEST COMMENT: 30 IF - 1" blow built to BoB @ 15 mins
60 ISI - No return
45 FF - Surface blow started @ 1 min built to BoB @ 25 mins
90 FSI - Surface blow started @ 10 mins died @ 75 mins

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1872.35	113.70	Initial Hydro-static
1	30.90	113.72	Open To Flow (1)
32	67.78	118.44	Shut-In(1)
91	742.23	118.96	End Shut-In(1)
92	72.42	118.82	Open To Flow (2)
135	114.02	120.74	Shut-In(2)
226	739.07	121.23	End Shut-In(2)
229	1789.99	120.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	GOWCM - 5%G - 20%o - 30%W - 45%M	0.87
62.00	GOWCM - 10%G - 15%W - 35%o - 40%M	0.87
47.00	OCM - 45%o - 55%M	0.66
60.00	GO - 15%G - 85%o	0.84

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Culbreath Oil & Gas Co. Inc.

2-10s-26w Sheridan, KS

1532 S. Peoria Ave
Tulsa, OK 74120

Werth #1-2

Job Ticket: 52676

DST#: 1

ATTN: Pat Deenihan

Test Start: 2013.05.25 @ 02:43:00

Tool Information

Drill Pipe:	Length: 3766.00 ft	Diameter: 3.80 inches	Volume: 52.83 bbl	Tool Weight: 2500.00 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: 80000.00 lb
			<u>Total Volume: 52.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3780.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	81.00 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			3752.00	
Shut In Tool	5.00			3757.00	
Hydraulic tool	5.00			3762.00	
Jars	5.00			3767.00	
Safety Joint	3.00			3770.00	
Packer	5.00			3775.00	29.00 Bottom Of Top Packer
Packer	5.00			3780.00	
Packer - Shale	0.00			3780.00	
Stubb	1.00			3781.00	
Recorder	0.00	8846	Inside	3781.00	
Recorder	0.00	8737	Outside	3781.00	
Perforations	13.00			3794.00	
Change Over Sub	1.00			3795.00	
Drill Pipe	31.00			3826.00	
Change Over Sub	1.00			3827.00	
Bullnose	5.00			3832.00	52.00 Bottom Packers & Anchor
Total Tool Length:	81.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Culbreath Oil & Gas Co. Inc.

2-10s-26w Sheridan,KS

1532 S. Peoria Ave
Tulsa, OK 74120

Werth #1-2

Job Ticket: 52676

DST#: 1

ATTN: Pat Deenihan

Test Start: 2013.05.25 @ 02:43:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 72.00 sec/qt
Water Loss: 5.58 in³
Resistivity: ohm.m
Salinity: 5000.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 32 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	GOWCM - 5%G - 20%o - 30%W - 45%M	0.870
62.00	GOWCM - 10%G - 15%W - 35%o - 40%M	0.870
47.00	OCM - 45%o - 55%M	0.659
60.00	GO - 15%G - 85%o	0.842

Total Length: 231.00 ft Total Volume: 3.241 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: OIL API = 34 @ 80 DEG F = 32 @ 60 COR
Water is probably filtrate

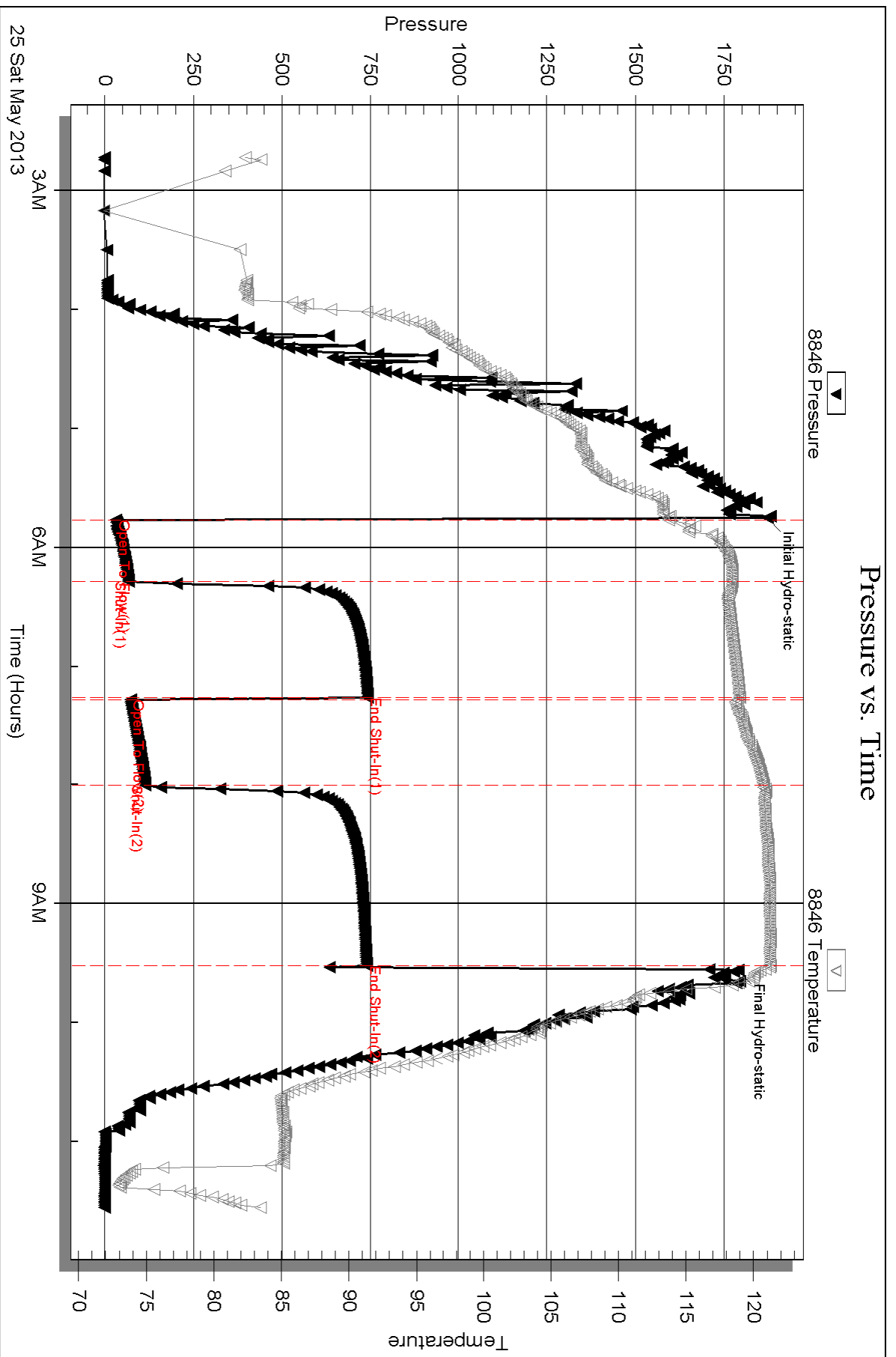
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Inside

Culbreath Oil & Gas Co. Inc.

Worth #1-2

DST Test Number: 1

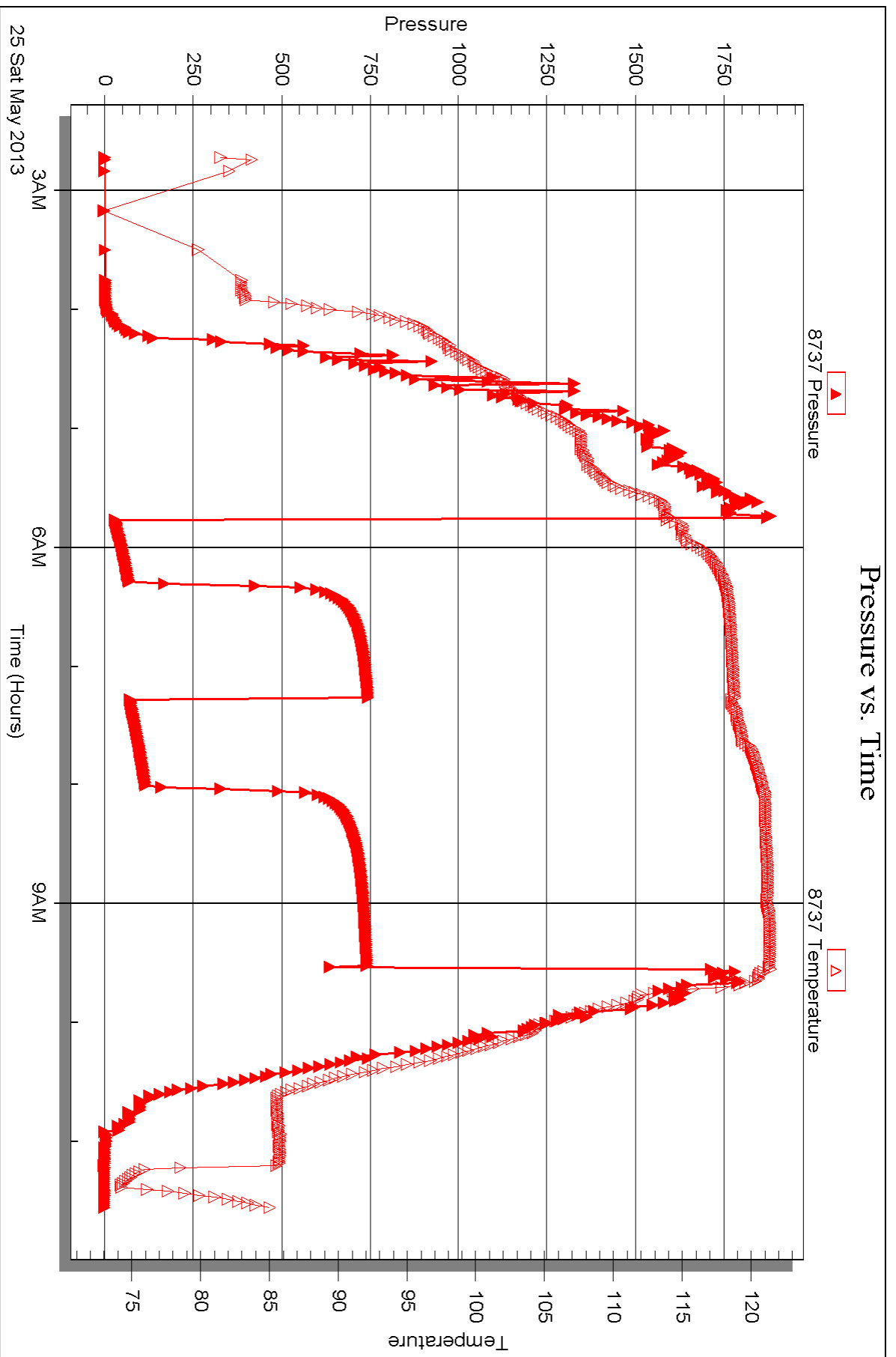


Serial #: 8737

Outside Culbreath Oil & Gas Co. Inc.

Worth #1-2

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Culbreath Oil & Gas Co. Inc.**

1532 S. Peoria Ave
Tulsa, OK 74120

ATTN: Pat Deenihan

Werth #1-2

2-10s-26w Sherdan,KS

Start Date: 2013.05.25 @ 21:20:00

End Date: 2013.05.26 @ 05:38:30

Job Ticket #: 52677 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.06.03 @ 16:36:40



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Culbreath Oil & Gas Co. Inc.

2-10s-26w Sheridan, KS

1532 S. Peoria Ave
Tulsa, OK 74120

Werth #1-2

ATTN: Pat Deenihan

Job Ticket: 52677

DST#: 2

Test Start: 2013.05.25 @ 21:20:00

GENERAL INFORMATION:

Formation: **LKC " B - D "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:51:00

Time Test Ended: 05:38:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Nichols

Unit No: 65

Interval: 3839.00 ft (KB) To 3870.00 ft (KB) (TVD)

Reference Elevations: 2575.00 ft (KB)

Total Depth: 3870.00 ft (KB) (TVD)

2562.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8846

Inside

Press @ RunDepth: 72.98 psig @ 3840.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.05.25

End Date:

2013.05.26

Last Calib.:

2013.06.25

Start Time: 21:20:15

End Time:

05:38:30

Time On Btm:

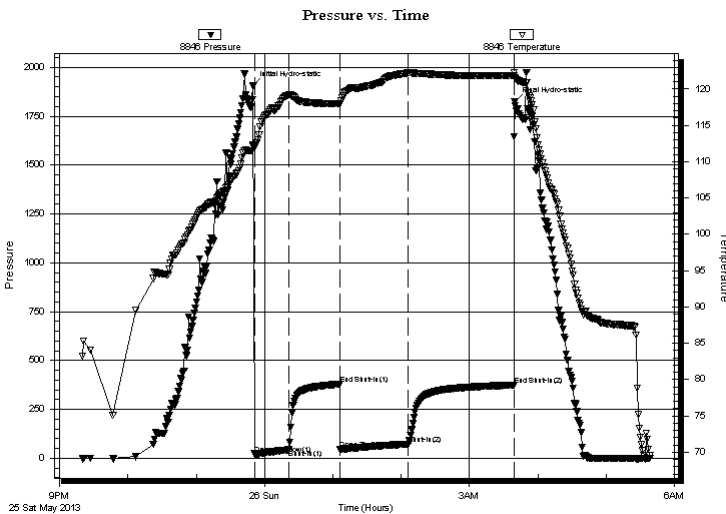
2013.05.25 @ 23:50:00

Time Off Btm:

2013.05.26 @ 03:39:45

TEST COMMENT: 30 IF - Surface blow built to 7"
45 ISI - No return
60 FF - Surface blow started @ 1 min built to 5 1/2"
90 FSI - No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1903.97	112.25	Initial Hydro-static
1	22.05	112.06	Open To Flow (1)
32	42.90	119.21	Shut-In(1)
76	378.72	118.01	End Shut-In(1)
77	46.08	117.89	Open To Flow (2)
137	72.98	122.24	Shut-In(2)
229	373.97	121.85	End Shut-In(2)
230	1825.94	121.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	GOMCW - 5%G - 5%o - 15%M - 75%W	0.87
60.00	OMCW - 5%o - 35%M - 60%W	0.84
42.00	Oil - 100%o	0.59

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Culbreath Oil & Gas Co. Inc.

2-10s-26w Sheridan,KS

1532 S. Peoria Ave
Tulsa, OK 74120

Werth #1-2

Job Ticket: 52677

DST#: 2

ATTN: Pat Deenihan

Test Start: 2013.05.25 @ 21:20:00

Tool Information

Drill Pipe:	Length: 3833.00 ft	Diameter: 3.80 inches	Volume: 53.77 bbl	Tool Weight: 2500.00 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: 58000.00 lb
			<u>Total Volume: 53.77 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3839.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	60.00 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			3811.00	
Shut In Tool	5.00			3816.00	
Hydraulic tool	5.00			3821.00	
Jars	5.00			3826.00	
Safety Joint	3.00			3829.00	
Packer	5.00			3834.00	29.00 Bottom Of Top Packer
Packer	5.00			3839.00	
Packer - Shale	0.00			3839.00	
Stubb	1.00			3840.00	
Recorder	0.00	8846	Inside	3840.00	
Recorder	0.00	8737	Outside	3840.00	
Perforations	25.00			3865.00	
Bullnose	5.00			3870.00	31.00 Bottom Packers & Anchor

Total Tool Length: 60.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Culbreath Oil & Gas Co. Inc.

2-10s-26w Sheridan,KS

1532 S. Peoria Ave
Tulsa, OK 74120

Werth #1-2

Job Ticket: 52677

DST#: 2

ATTN: Pat Deenihan

Test Start: 2013.05.25 @ 21:20:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 53.00 sec/qt
Water Loss: 8.75 in³
Resistivity: ohm.m
Salinity: 5500.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 38.5 deg API
Water Salinity: 17000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	GOMCW - 5%G - 5%o - 15%M - 75%W	0.870
60.00	OMCW - 5%o - 35%M - 60%W	0.842
42.00	Oil - 100%o	0.589

Total Length: 164.00 ft Total Volume: 2.301 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: OIL API = 37 @ 72 DEG F
RW = .401 @ 68 DEG F

Serial #: 8846

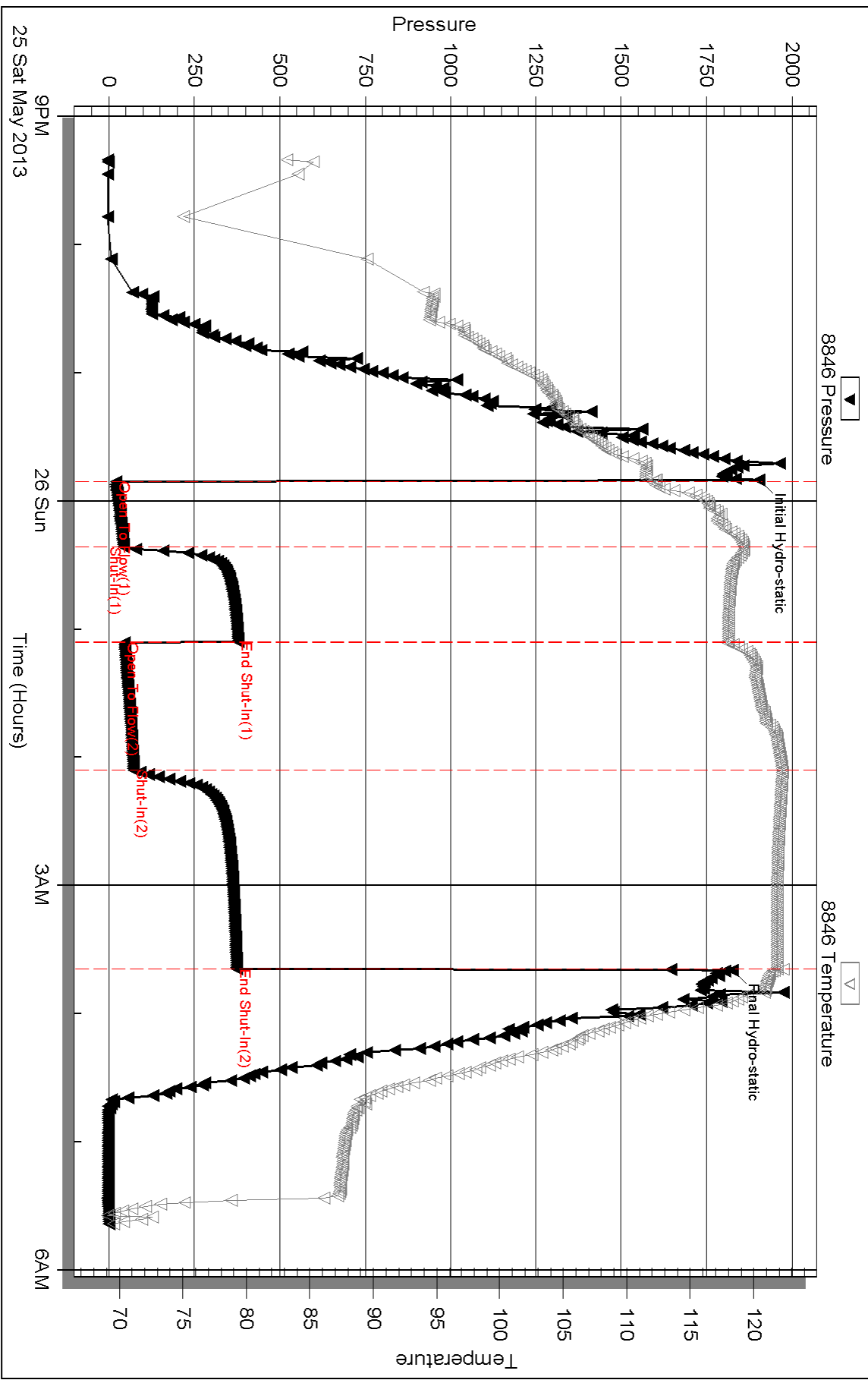
Inside

Culbreath Oil & Gas Co. Inc.

Worth #1-2

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 52677

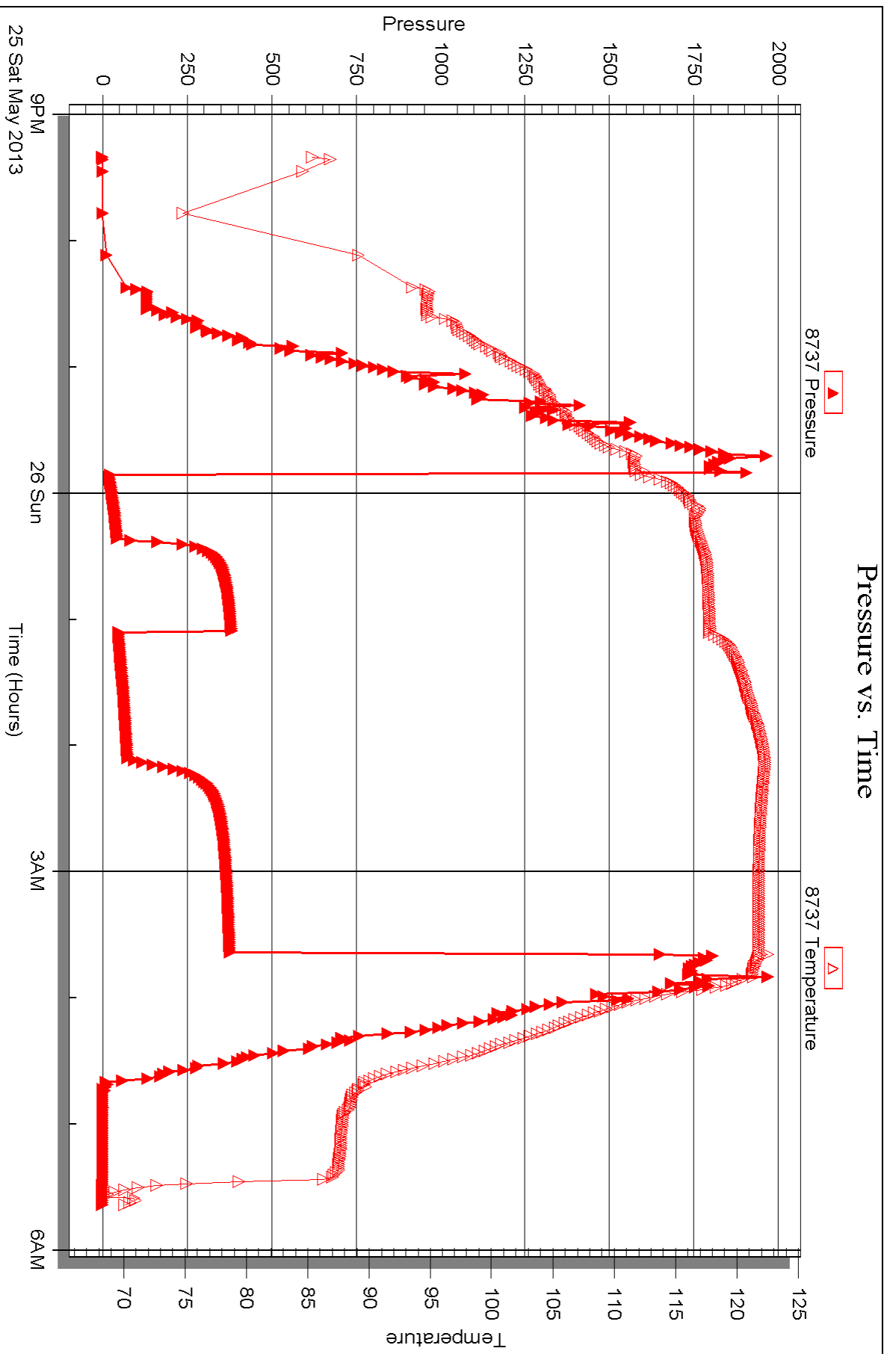
Printed: 2013.06.03 @ 16:36:43

Serial #: 8737

Outside Culbreath Oil & Gas Co. Inc.

Worth #1-2

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Culbreath Oil & Gas Co. Inc.**

1532 S. Peoria Ave
Tulsa, OK 74120

ATTN: Pat Deenihan

Werth #1-2

2-10s-26w Sheridan,KS

Start Date: 2013.05.26 @ 16:34:00

End Date: 2013.05.27 @ 00:58:00

Job Ticket #: 52678 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.06.03 @ 16:35:47



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Culbreath Oil & Gas Co. Inc.

2-10s-26w Sheridan, KS

1532 S. Peoria Ave
Tulsa, OK 74120

Werth #1-2

Job Ticket: 52678

DST#: 3

ATTN: Pat Deenihan

Test Start: 2013.05.26 @ 16:34:00

GENERAL INFORMATION:

Formation: **LKC " E - F "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:26:30

Time Test Ended: 00:58:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Nichols

Unit No: 65

Interval: 3885.00 ft (KB) To 3905.00 ft (KB) (TVD)

Reference Elevations: 2575.00 ft (KB)

Total Depth: 3905.00 ft (KB) (TVD)

2562.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8846

Inside

Press @ Run Depth: 105.16 psig @ 3886.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.05.26 End Date: 2013.05.27

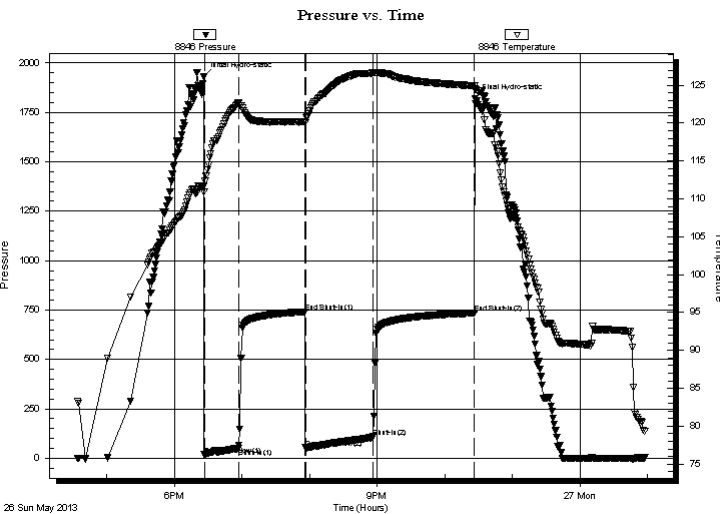
Last Calib.: 2013.05.27

Start Time: 16:34:15 End Time: 00:58:00

Time On Btm: 2013.05.26 @ 18:26:15

Time Off Btm: 2013.05.26 @ 22:27:00

TEST COMMENT: 30 IF - Surface blow built to 8 1/2"
60 ISI - No return
60 FF - Surface blow started @ 2 mins built to BoB @ 47 mins
90 FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1929.15	111.67	Initial Hydro-static
1	17.27	110.96	Open To Flow (1)
31	51.05	122.63	Shut-In(1)
90	741.26	120.17	End Shut-In(1)
90	51.91	120.06	Open To Flow (2)
150	105.16	126.63	Shut-In(2)
240	734.69	124.93	End Shut-In(2)
241	1819.45	124.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	OCMW - 5%o - 10%M - 85%W	0.87
62.00	OCMW - 5%o - 10%M - 85%W	0.87
72.00	GOCMW - 5%G - 10%o - 40%M - 45%W	1.01
5.00	Oil - 100%	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

Culbreath Oil & Gas Co. Inc.

2-10s-26w Sheridan, KS

1532 S. Peoria Ave
Tulsa, OK 74120

Werth #1-2

Job Ticket: 52678

DST#: 3

ATTN: Pat Deenihan

Test Start: 2013.05.26 @ 16:34:00

Tool Information

Drill Pipe:	Length: 3895.00 ft	Diameter: 3.80 inches	Volume: 54.64 bbl	Tool Weight:	2000.00 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:	56000.00 lb
			<u>Total Volume: 54.64 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	49000.00 lb
Depth to Top Packer:	3885.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	20.00 ft				
Tool Length:	41.00 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			3865.00	
Shut In Tool	5.00			3870.00	
Hydraulic tool	5.00			3875.00	
Packer	5.00			3880.00	21.00 Bottom Of Top Packer
Packer	5.00			3885.00	
Packer - Shale	0.00			3885.00	
Stubb	1.00			3886.00	
Recorder	0.00	8846	Inside	3886.00	
Recorder	0.00	8737	Outside	3886.00	
Perforations	14.00			3900.00	
Bullnose	5.00			3905.00	20.00 Bottom Packers & Anchor

Total Tool Length: 41.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Culbreath Oil & Gas Co. Inc.

2-10s-26w Sherdan,KS

1532 S. Peoria Ave
Tulsa, OK 74120

Werth #1-2

Job Ticket: 52678

DST#: 3

ATTN: Pat Deenihan

Test Start: 2013.05.26 @ 16:34:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 65.00 sec/qt
Water Loss: 4.79 in³
Resistivity: ohm.m
Salinity: 5750.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 36 deg API
Water Salinity: 13000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	OCMW - 5%o - 10%M - 85%W	0.870
62.00	OCMW - 5%o - 10%M - 85%W	0.870
72.00	GOCMW - 5%G - 10%o - 40%M - 45%W	1.010
5.00	Oil - 100%	0.070

Total Length: 201.00 ft Total Volume: 2.820 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: OIL API = 38 @ 80 DEG F
RW = .490 @ 74 DEG F

Serial #: 8846

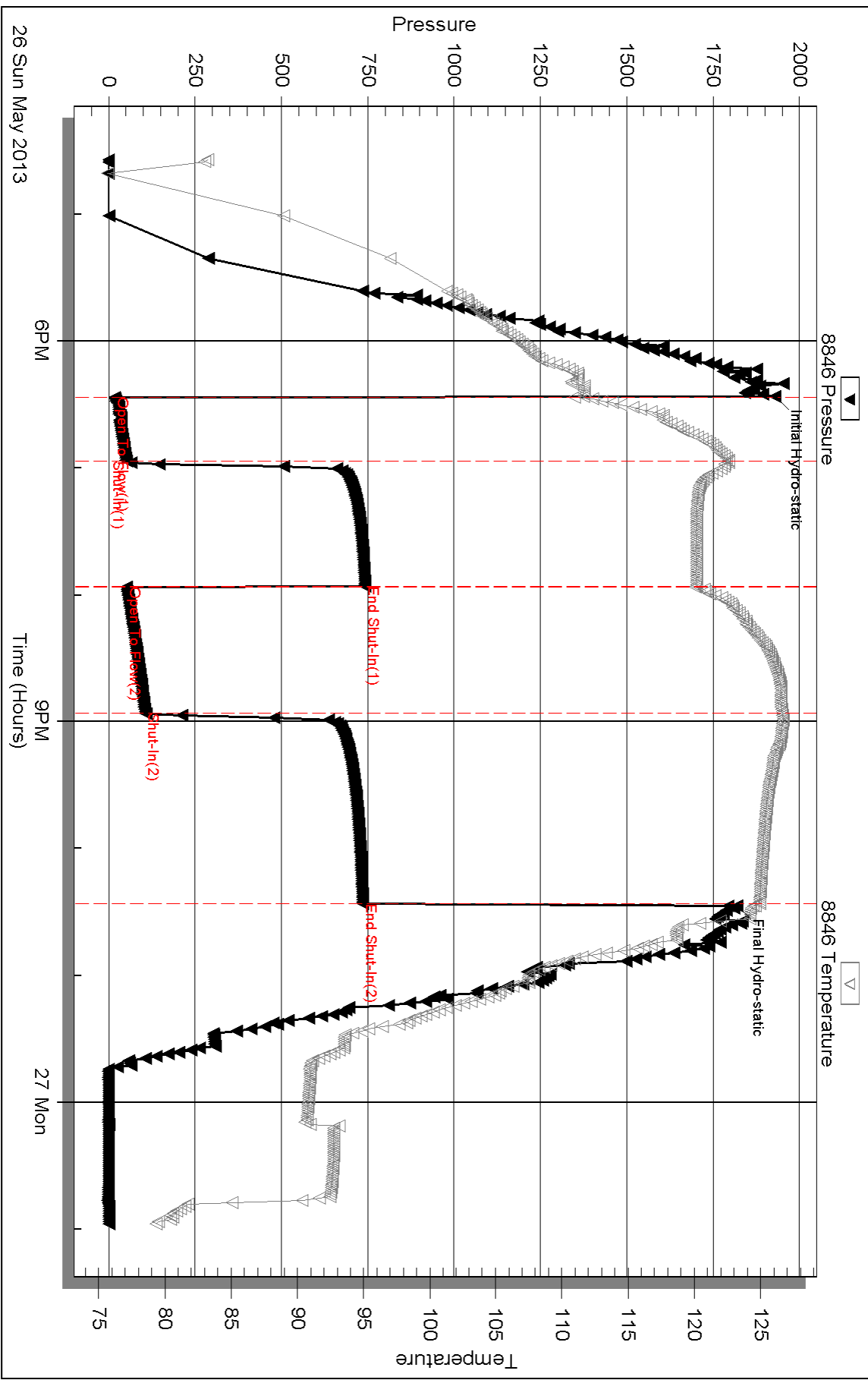
Inside

Culbreath Oil & Gas Co. Inc.

Worth #1-2

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 52678

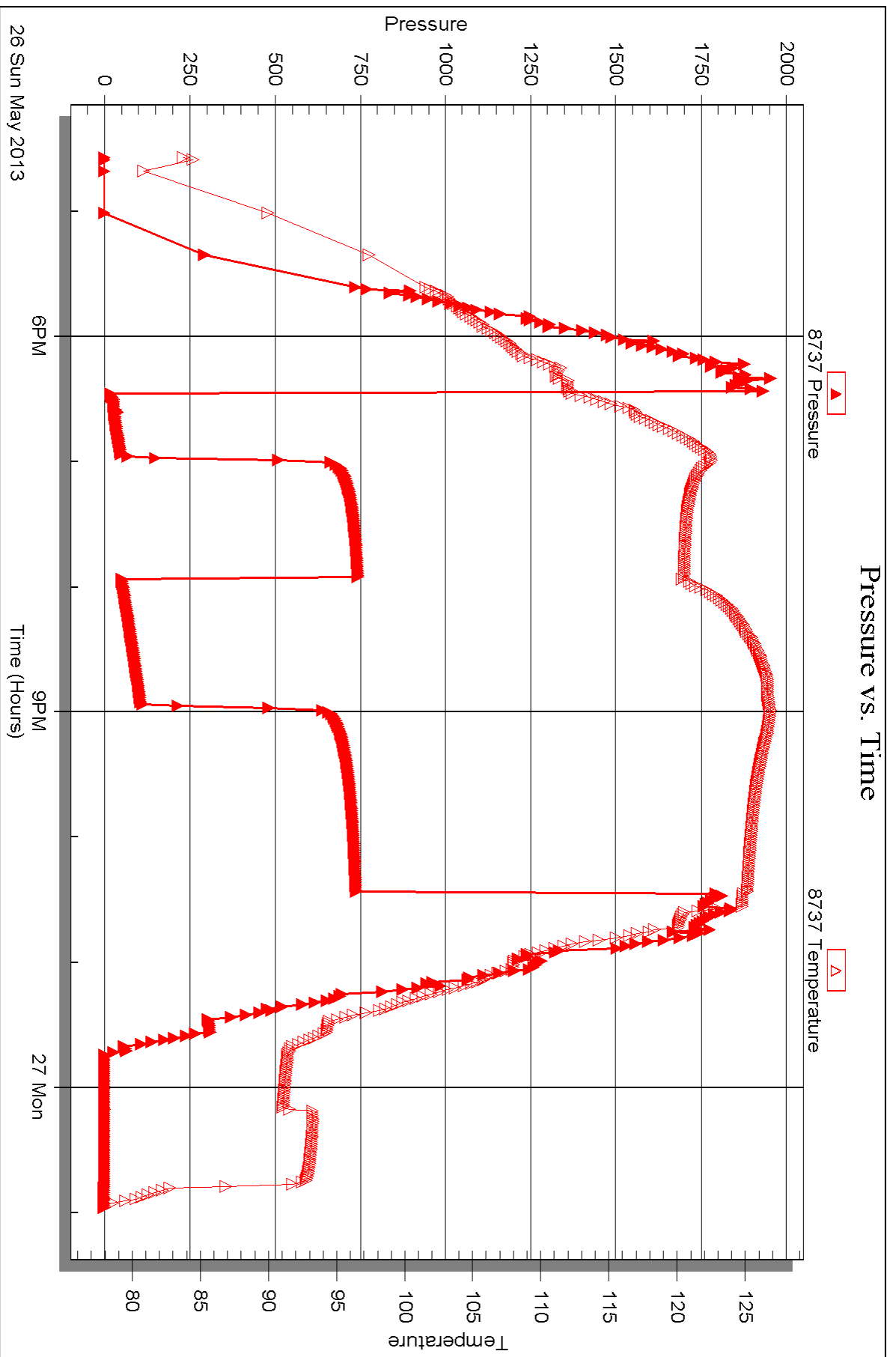
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Serial #: 8737

Outside Culbreath Oil & Gas Co. Inc.

Worth #1-2

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Culbreath Oil & Gas Co. Inc.**

1532 S. Peoria Ave
Tulsa, OK 74120

ATTN: Pat Deenihan

Werth #1-2

2-10s-26w Sheridan,KS

Start Date: 2013.05.27 @ 12:54:00

End Date: 2013.05.27 @ 18:53:00

Job Ticket #: 52679 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.06.03 @ 16:35:03



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Culbreath Oil & Gas Co. Inc.

2-10s-26w Sheridan, KS

1532 S. Peoria Ave
Tulsa, OK 74120

Werth #1-2

ATTN: Pat Deenihan

Job Ticket: 52679

DST#: 4

Test Start: 2013.05.27 @ 12:54:00

GENERAL INFORMATION:

Formation: **LKC " H "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:06:45

Time Test Ended: 18:53:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Nichols

Unit No: 65

Interval: 3936.00 ft (KB) To 3970.00 ft (KB) (TVD)

Reference Elevations: 2575.00 ft (KB)

Total Depth: 3970.00 ft (KB) (TVD)

2562.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8846 Inside

Press @ Run Depth: 18.78 psig @ 3937.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.05.27 End Date: 2013.05.27

Last Calib.: 2013.05.27

Start Time: 12:54:15 End Time: 18:53:00

Time On Btm: 2013.05.27 @ 15:06:30

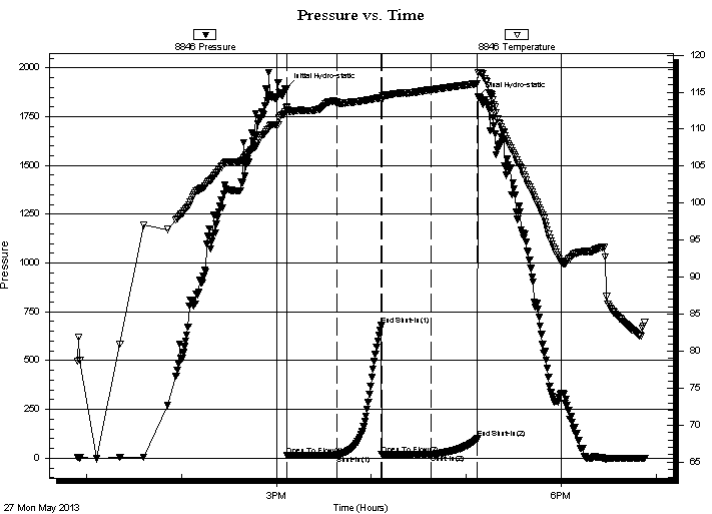
Time Off Btm: 2013.05.27 @ 17:07:45

TEST COMMENT: 30 IF - Surface blow built to 1/4"

30 ISI - No return

30 FF - No blow

30 FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1896.63	113.05	Initial Hydro-static
1	14.12	112.58	Open To Flow (1)
32	15.01	113.62	Shut-In(1)
60	679.64	114.26	End Shut-In(1)
60	18.28	113.93	Open To Flow (2)
91	18.78	115.32	Shut-In(2)
121	99.24	116.16	End Shut-In(2)
122	1855.07	117.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w / oil spots - 100%M	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 Co. Inc.

2-10s-26w Sheridan,KS

1532 S. Peoria Ave
Tulsa, OK 74120

Werth #1-2

Job Ticket: 52679

DST#: 4

ATTN: Pat Deenihan

Test Start: 2013.05.27 @ 12:54:00

Tool Information

Drill Pipe:	Length: 3925.00 ft	Diameter: 3.80 inches	Volume: 55.06 bbl	Tool Weight:	2000.00 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:	56000.00 lb
			<u>Total Volume: 55.06 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3936.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	34.00 ft				
Tool Length:	55.00 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			3916.00	
Shut In Tool	5.00			3921.00	
Hydraulic tool	5.00			3926.00	
Packer	5.00			3931.00	21.00 Bottom Of Top Packer
Packer	5.00			3936.00	
Packer - Shale	0.00			3936.00	
Stubb	1.00			3937.00	
Recorder	0.00	8846	Inside	3937.00	
Recorder	0.00	8737	Outside	3937.00	
Perforations	28.00			3965.00	
Bullnose	5.00			3970.00	34.00 Bottom Packers & Anchor

Total Tool Length: 55.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Culbreath Oil & Gas Co. Inc.

2-10s-26w Sheridan,KS

1532 S. Peoria Ave
Tulsa, OK 74120

Werth #1-2

Job Ticket: 52679

DST#: 4

ATTN: Pat Deenihan

Test Start: 2013.05.27 @ 12:54:00

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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud w / oil spots - 100%M	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:

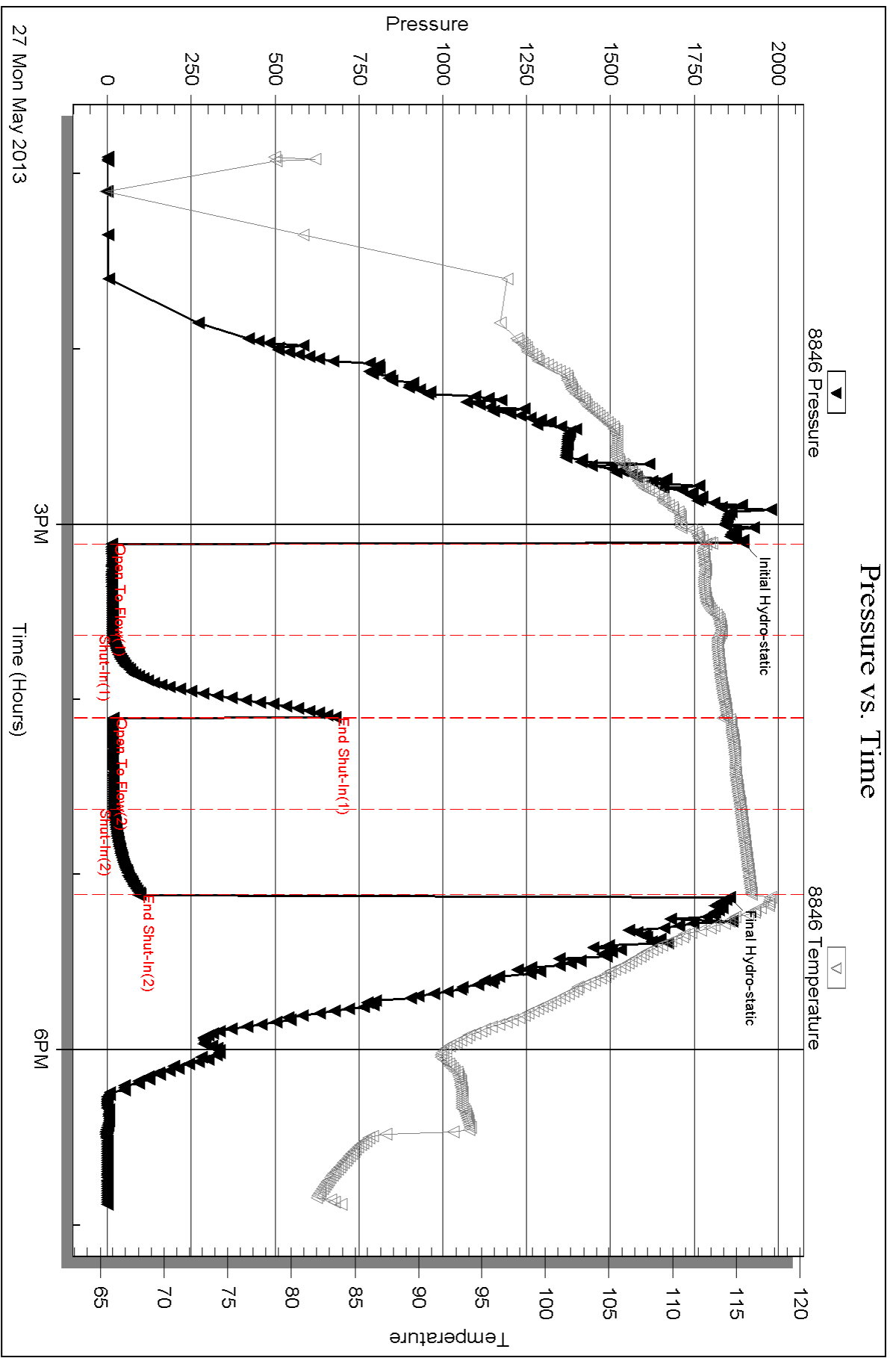
Serial #: 8846

Inside

Culbreath Oil & Gas Co. Inc.

Worth #1-2

DST Test Number: 4



Triobite Testing, Inc

Ref. No: 52679

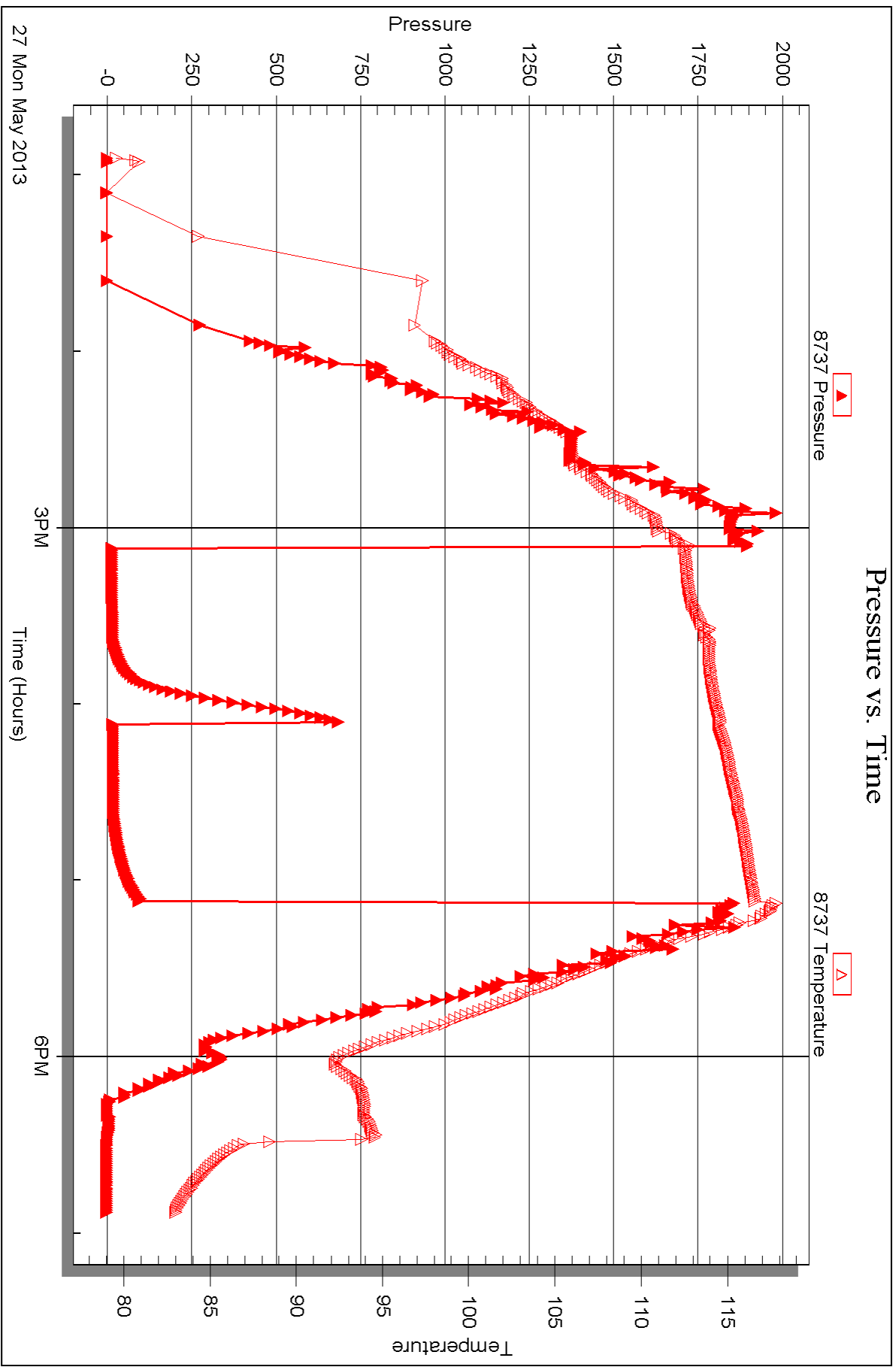
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Serial #: 8737

Outside Culbreath Oil & Gas Co. Inc.

Worth #1-2

DST Test Number: 4



27 Mon May 2013

Triobite Testing, Inc

Ref. No: 52679

Printed: 2013.06.03 @ 16:35:06



DRILL STEM TEST REPORT

Prepared For: **Culbreath Oil & Gas Co. Inc.**

1532 S. Peoria Ave
Tulsa, OK 74120

ATTN: Pat Deenihan

Werth #1-2

2-10s-26w Sheridan,KS

Start Date: 2013.05.28 @ 06:18:15

End Date: 2013.05.28 @ 13:59:45

Job Ticket #: 53257 DST #: 5

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

Printed: 2013.06.03 @ 16:34:25



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Culbreath Oil & Gas Co. Inc.

2-10s-26w Sheridan, KS

1532 S. Peoria Ave
Tulsa, OK 74120

Werth #1-2

ATTN: Pat Deenihan

Job Ticket: 53257

DST#: 5

Test Start: 2013.05.28 @ 06:18:15

GENERAL INFORMATION:

Formation: **LKC " J - H "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:10:00

Time Test Ended: 13:59:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 3989.00 ft (KB) To 4027.00 ft (KB) (TVD)

Reference Elevations: 2575.00 ft (KB)

Total Depth: 4027.00 ft (KB) (TVD)

2562.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8846

Inside

Press @ Run Depth: 46.27 psig @ 3990.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.05.28

End Date: 2013.05.28

Last Calib.: 2013.05.28

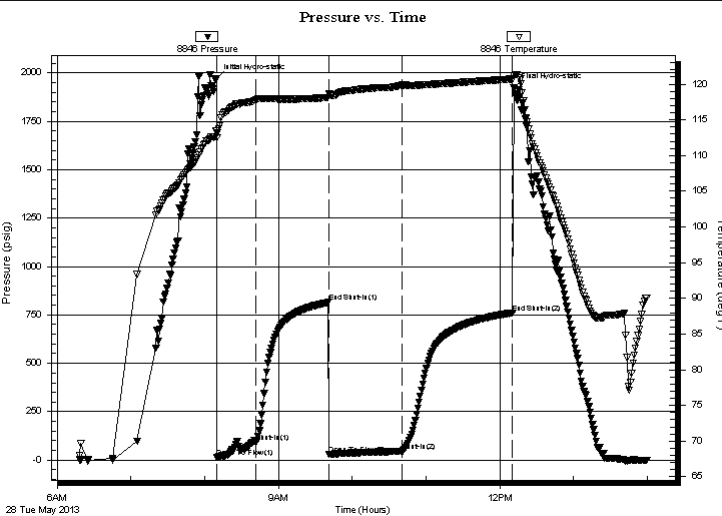
Start Time: 06:18:15

End Time: 13:59:45

Time On Btm: 2013.05.28 @ 08:09:45

Time Off Btm: 2013.05.28 @ 12:11:15

TEST COMMENT: IF:BOB in 26 min.
IS:No return blow
FF:BOB in 20 min.
FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1970.19	113.53	Initial Hydro-static
1	15.63	112.54	Open To Flow (1)
32	93.58	117.77	Shut-In(1)
91	84.10	118.11	End Shut-In(1)
92	28.52	118.66	Open To Flow (2)
151	46.27	119.85	Shut-In(2)
241	760.13	120.73	End Shut-In(2)
242	1921.55	121.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	free oil 100%o	0.87
62.00	gcom 10%g 25%o 65%m	0.87

* 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 Co. Inc.

2-10s-26w Sheridan, KS

1532 S. Peoria Ave
Tulsa, OK 74120

Werth #1-2

Job Ticket: 53257

DST#: 5

ATTN: Pat Deenihan

Test Start: 2013.05.28 @ 06:18:15

Tool Information

Drill Pipe:	Length: 3986.00 ft	Diameter: 3.80 inches	Volume: 55.91 bbl	Tool Weight:	2000.00 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:	80000.00 lb
			<u>Total Volume: 55.91 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3989.00 ft			Final	51000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	38.00 ft				
Tool Length:	59.00 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			3969.00	
Shut In Tool	5.00			3974.00	
Hydraulic tool	5.00			3979.00	
Packer	5.00			3984.00	21.00 Bottom Of Top Packer
Packer	5.00			3989.00	
Packer - Shale	0.00			3989.00	
Stubb	1.00			3990.00	
Recorder	0.00	8846	Inside	3990.00	
Recorder	0.00	8737	Outside	3990.00	
Perforations	32.00			4022.00	
Bullnose	5.00			4027.00	38.00 Bottom Packers & Anchor

Total Tool Length: 59.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Culbreath Oil & Gas Co. Inc.

2-10s-26w Sheridan,KS

1532 S. Peoria Ave
Tulsa, OK 74120

Werth #1-2

Job Ticket: 53257

DST#: 5

ATTN: Pat Deenihan

Test Start: 2013.05.28 @ 06:18:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
62.00	free oil 100%o	0.870
62.00	gcom 10%g 25%o 65%m	0.870

Total Length: 124.00 ft Total Volume: 1.740 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API=32 @ 80

Serial #: 8846

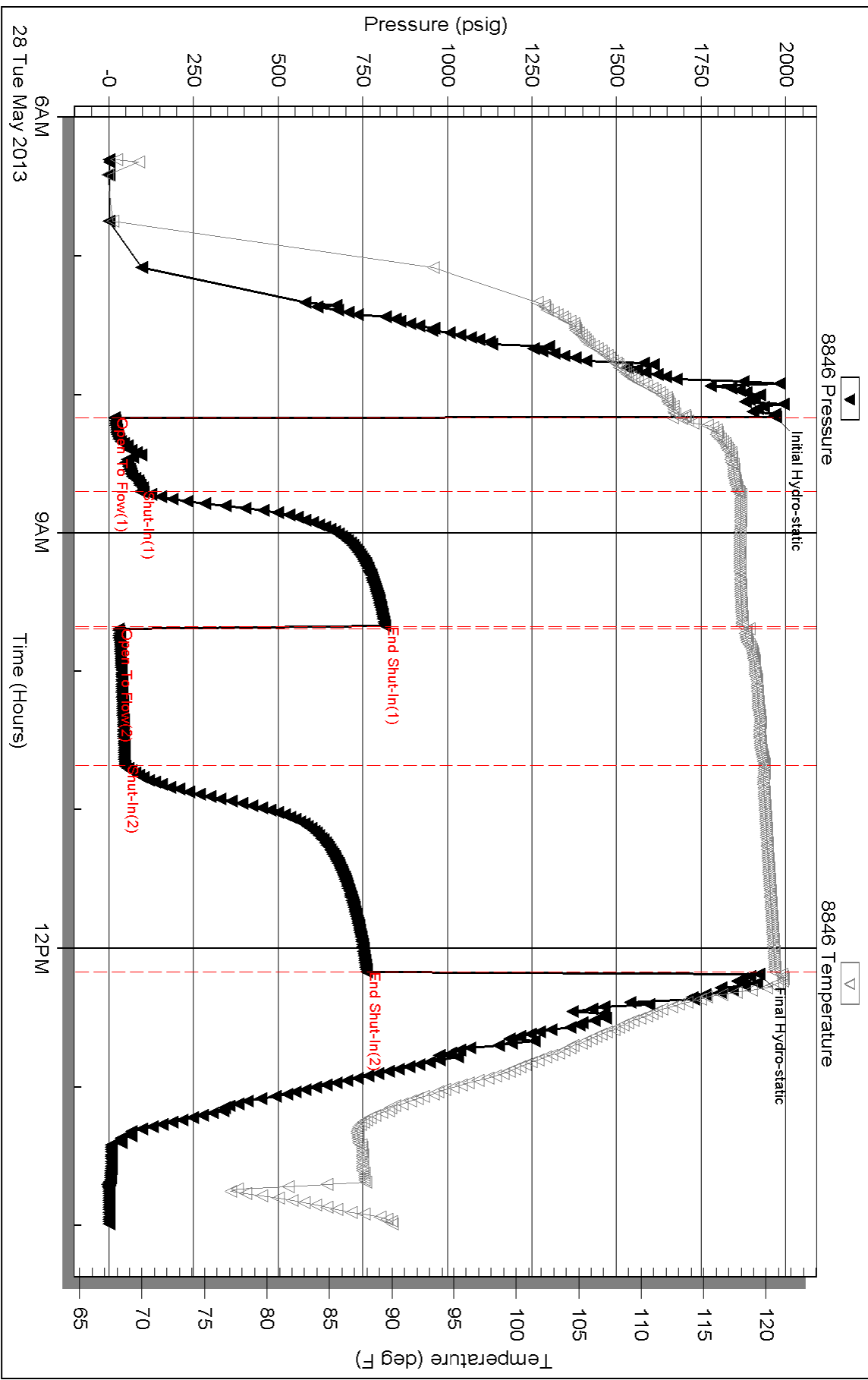
Inside

Culbreath Oil & Gas Co. Inc.

Worth #1-2

DST Test Number: 5

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 53257

Printed: 2013.06.03 @ 16:34:28

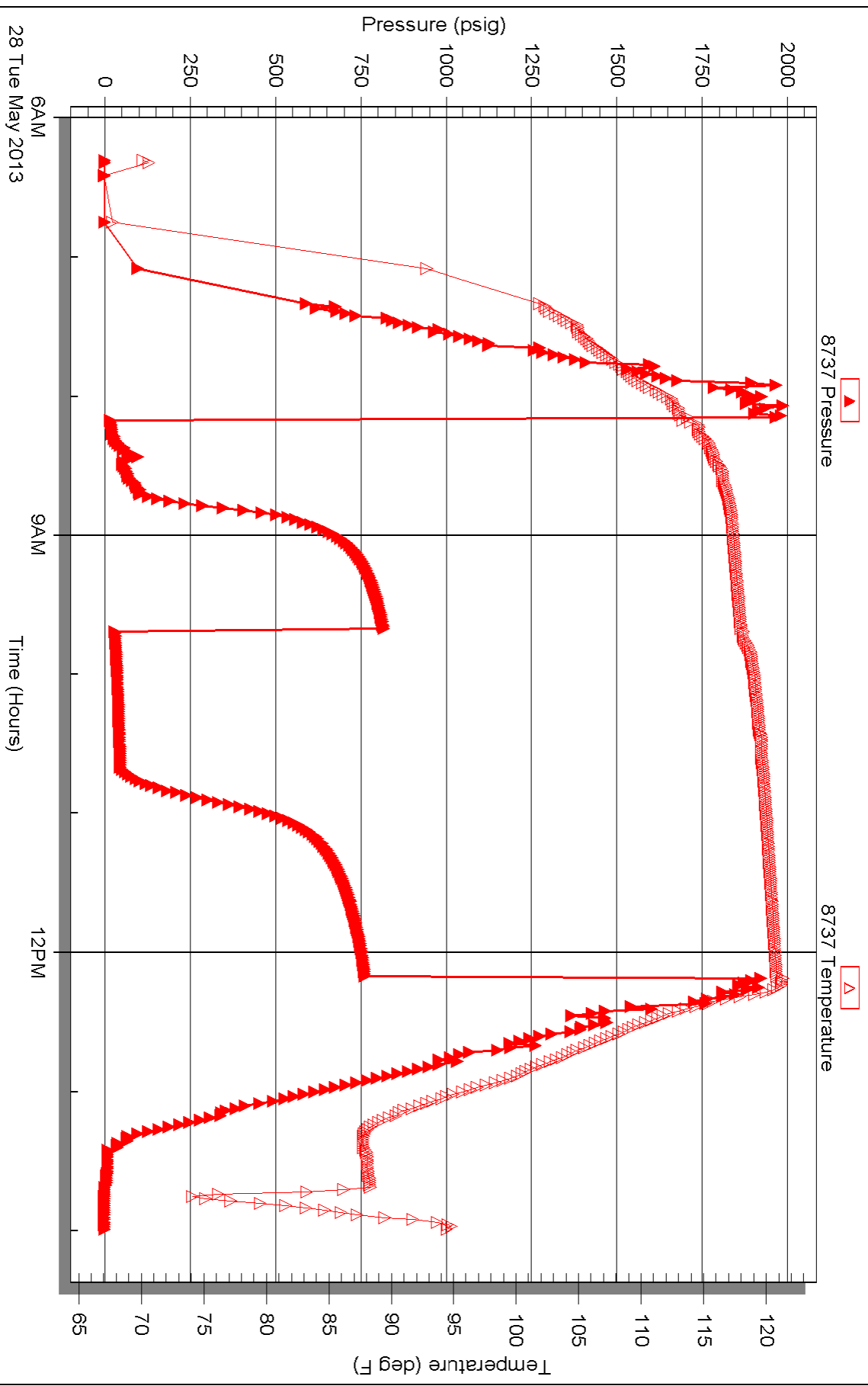
Serial #: 8737

Outside Culbreath Oil & Gas Co. Inc.

Worth #1-2

DST Test Number: 5

Pressure vs. Time





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 52676

4/10

Well Name & No. Werth # 1-2 Test No. 1 Date 5/25/13
 Company Culbreath Oil & Gas Company Inc. Elevation 2575 KB 2562 GL
 Address 1532 S. Peoria Ave Tulsa OK, 74120
 Co. Rep / Geo. Pat Decrivan Rig Val #7
 Location: Sec. 2 Twp. 10S Rge. 26W Co. Sheridan State KS

Interval Tested 3780 - 3832 Zone Tested Toronto & LKC "A"
 Anchor Length 52' Drill Pipe Run 3766' Mud Wt. 8.6
 Top Packer Depth 3775 Drill Collars Run 0' Vis 7.2
 Bottom Packer Depth 3780 Wt. Pipe Run 0' WL 5.6
 Total Depth 3832 Chlorides 5,000 ppm System LCM 1.5

Blow Description IF - 1" blow built to BoB in 15 mins
ISI - No return

FF - Surface blow started @ 1 min built to BoB @ 25 mins

FSI - Surface blow @ 10 mins died @ 75 mins

Rec	Feet of	%gas	%oil	%water	%mud
60	<u>60</u>	<u>15</u>	85		
47	<u>0CM</u>		<u>45</u>	<u>55</u>	
<u>62'</u>	<u>60' ^{EW} M</u>	<u>10</u>	<u>35</u>	<u>15</u>	<u>40</u>
<u>62'</u>	<u>60' ^{EW} M</u>	<u>5</u>	<u>20</u>	<u>30</u>	<u>45</u>
Rec	Feet of	%gas	%oil	%water	%mud

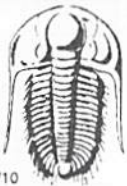
Rec Total 232' BHT 121° Gravity 32 API RW 80 @ 100 Chlorides 5000 ppm

(A) Initial Hydrostatic 1872 Test 1150 T-On Location 01:30
 (B) First Initial Flow 31 Jars 250 T-Started 02:43
 (C) First Final Flow 68 Safety Joint 75 T-Open 05:46
 (D) Initial Shut-In 742 Circ Sub NC T-Pulled 09:31
 (E) Second Initial Flow 72 Hourly Standby X 1 100 T-Out 11:33
 (F) Second Final Flow 114 Mileage 124 RT 192.20 Comments water probably filtrate
 (G) Final Shut-In 739 Sampler
 (H) Final Hydrostatic 1790 Straddle Ruined Shale Packer

Initial Open 30 Extra Packer Ruined Packer
 Initial Shut-In 60 Extra Recorder Sub Total 0
 Final Flow 45 Day Standby Total 2017.20
 Final Shut-In 90 Accessibility MP/DST Disc't
 Sub Total 2017.20

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. 52677

Well Name & No. Werth # 1-2 Test No. 2 Date 5/25/13
 Company Culbreth Oil & Gas Co. Inc. Elevation 2575 KB 2562 GL
 Address 1532 S. Peoria Ave Tulsa, OK 74120
 Co. Rep / Geo. Pat Deenihan Rig Vel #7
 Location: Sec. 2 Twp. 10S Rge. 36W Co. Sheridan State KS

Interval Tested 3839-3870 Zone Tested LKC "B & D"
 Anchor Length 31' Drill Pipe Run 3833' Mud Wt. 8.8
 Top Packer Depth 3834 Drill Collars Run 0' Vis 53
 Bottom Packer Depth 3839 Wt. Pipe Run 0' WL 8.8
 Total Depth 3870 Chlorides 5500 ppm System LCM 1

Blow Description IF - Surface blow built to 7"
ISI - No return
FF - Surface blow started @ 1 min built to 5 1/2"
FSI - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>42</u>	<u>Oil</u>	<u>100</u>			
<u>60</u>	<u>OMCW</u>	<u>5</u>	<u>60</u>	<u>35</u>	
<u>62</u>	<u>GOMCW</u>	<u>5</u>	<u>75</u>	<u>15</u>	

Rec Total 164' BHT 122° Gravity 35.8 API RW 1401 @ 68° F Chlorides 17000 ppm

(A) Initial Hydrostatic	<u>1904</u>	<input checked="" type="checkbox"/> Test	<u>1150</u>	T-On Location	<u>21:00</u>
(B) First Initial Flow	<u>22</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>21:20</u>
(C) First Final Flow	<u>43</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>23:51</u>
(D) Initial Shut-In	<u>379</u>	<input checked="" type="checkbox"/> Circ Sub	<u>NC</u>	T-Pulled	<u>03:36</u>
(E) Second Initial Flow	<u>46</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>05:38</u>
(F) Second Final Flow	<u>73</u>	<input checked="" type="checkbox"/> Mileage	<u>124 RT</u> 192.20	Comments	
(G) Final Shut-In	<u>374</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1826</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	

Initial Open 30 Shale Packer 250 Ruined Packer
 Initial Shut-In 45 Extra Packer Extra Copies
 Final Flow 60 Extra Recorder Sub Total 0
 Final Shut-In 90 Day Standby Total 1917.20
 Accessibility MP/DST Disc't

Approved By _____ Our Representative Pat Deenihan

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. 52678

4/10

Well Name & No. Werth #1-2 Test No. 3 Date 5/26/13
 Company Culbreath Oil & Gas Co. Inc. Elevation 2575 KB 2562 GL
 Address 1532 S. Peoria Ave Tulsa, OK 74120
 Co. Rep / Geo. Pat Deenihan Rig Val 7
 Location: Sec. 2 Twp. 10 S Rge. 26 W Co. Sheridan State KS

Interval Tested 3885-3905 Zone Tested LKC "E & F"
 Anchor Length 20' Drill Pipe Run 3895' Mud Wt. 8.6
 Top Packer Depth 3880 Drill Collars Run 0' Vis 65
 Bottom Packer Depth 3885 Wt. Pipe Run 0' WL 4.8
 Total Depth 3905 Chlorides 5750 ppm System LCM 1/4

Blow Description IF - Surface blow built to 8 1/2"
ISI - No return
FF - Surface blow started @ 2 mins built to Bob @ 47 mins
FSI - No return

Rec	Feet of	%gas	%oil	%water	%mud
5'	Oil	100			
72'	GOMCW	5	10	45	40
62'	OW	5	85	10	10
62'	OW	5	85	10	10
	CM				

Rec Total 201' BHT 125" Gravity 36 API RW 1.490 @ 74 °F Chlorides 13,000 ppm

(A) Initial Hydrostatic 1929 Test 1150 T-On Location 16:00
 (B) First Initial Flow 17 Jars T-Started 16:34
 (C) First Final Flow 50 Safety Joint T-Open 18:26
 (D) Initial Shut-In 741 Circ Sub NC T-Pulled 22:26
 (E) Second Initial Flow 52 Hourly Standby T-Out 00:58
 (F) Second Final Flow 105 Mileage 124 RT 192.20
 (G) Final Shut-In 735 Sampler
 (H) Final Hydrostatic 1819 Straddle
 Ruined Shale Packer
 Ruined Packer

Initial Open 30 Extra Packer Extra Copies
 Initial Shut-In 60 Extra Recorder Sub Total 0
 Final Flow 60 Day Standby Total 1592.20
 Final Shut-In 90 Accessibility MP/DST Disc't
 Sub Total 1592.20

Approved By _____ Our Representative Pat Deenihan

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. 52679

4/10

Well Name & No. Werth #1-2 Test No. 4 Date 5/27/13
 Company Culbreath Oil & Gas Co. Inc. Elevation 2575 KB 2562 GL
 Address 1532 S. Peoria Ave Tulsa, OK 74120
 Co. Rep / Geo. Pat Deenihan Rig Val #7
 Location: Sec. 2 Twp. 10S Rge. 26W Co. Sheridan State KS

Interval Tested 3936-3970 Zone Tested LKC "H"
 Anchor Length 34' Drill Pipe Run 3925' Mud Wt. 9.1
 Top Packer Depth 3931 Drill Collars Run 0' Vis 61
 Bottom Packer Depth 3936 Wt. Pipe Run 0' WL 6.4
 Total Depth 3970 Chlorides 5000 ppm System LCM 1.5
 Blow Description IF - Surface flow built to 1/4"
ISI - No return
FF - No blow
FSI - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>10'</u>	<u>Mud w/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 10' BHT 116° Gravity — API RW — @ — F Chlorides — ppm

(A) Initial Hydrostatic 1897 Test 1150 T-On Location 12:30
 (B) First Initial Flow 14 Jars — T-Started 12:54
 (C) First Final Flow 15 Safety Joint — T-Open 15:07
 (D) Initial Shut-In 680 Circ Sub NC T-Pulled 17:07
 (E) Second Initial Flow 18 Hourly Standby — T-Out 18:53
 (F) Second Final Flow 19 Mileage 134 RT 192.20 Comments —
 (G) Final Shut-In 99 Sampler —
 (H) Final Hydrostatic 1855 Straddle — Ruined Shale Packer —
 Shale Packer 250 Ruined Packer —
 Extra Packer — Extra Copies —
 Initial Open 30 Extra Recorder — Sub Total 0
 Initial Shut-In 30 Day Standby — Total 1592.20
 Final Flow 30 Accessibility — MP/DST Disc't —
 Final Shut-In 30 Sub Total 1592.20

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. 53257

4/10

Well Name & No. Werth #1-2 Test No. 5 Date 5/28/13
 Company Culbreath Oil & Gas Co. Inc. Elevation 2575 KB 2562 GL
 Address 1532 S. Peoria Ave Tulsa, OK 74120
 Co. Rep / Geo. Pat Deenihan Rig Val #7
 Location: Sec. 2 Twp. 10S Rge. 26W Co. Sheridan State KS

Interval Tested 3989-4027 Zone Tested LKC "J-K"
 Anchor Length 38' Drill Pipe Run 3986' Mud Wt. 9.1
 Top Packer Depth 3984 Drill Collars Run 0' Vis 6.1
 Bottom Packer Depth 3989 Wt. Pipe Run 0' WL 6.4
 Total Depth 4027 Chlorides 5000 ppm System LCM 1 1/2

Blow Description IF-BOB in 26 Min
IS: No Return Blow
FF: BOB in 20 Min
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>Free Oil</u>	<u>100</u>			
<u>62</u>	<u>gcmo</u>	<u>10</u>	<u>25</u>	<u>65</u>	

Rec Total 124 BHT 121 Gravity 30 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1970 Test 1250 T-On Location 06:00
 (B) First Initial Flow 15 Jars T-Started 06:18
 (C) First Final Flow 93 Safety Joint T-Open 08:10
 (D) Initial Shut-In 814 Circ Sub NL T-Pulled 12:10
 (E) Second Initial Flow 28 Hourly Standby T-Out 13:59
 (F) Second Final Flow 46 Mileage 124 RT x2 384.40 Comments
 (G) Final Shut-In 760 Sampler loaded tools 5/29 9:00
 (H) Final Hydrostatic 1921 Straddle Ruined Shale Packer

Initial Open 30 Extra Packer Ruined Packer
 Initial Shut-In 60 Extra Recorder Extra Copies
 Final Flow 60 Day Standby Sub Total 0
 Final Shut-In 90 Accessibility Total 1884.40
 Sub Total 1884.40 MP/DST Disc't

Approved By Pat Deenihan Our Representative Mike Roberts

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.

SWIFT



Services, Inc.

P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
5/29/2013	24725

BILL TO
Culbreath Oil & Gas Company, Inc. 1532 South Peoria Avenue Tulsa, OK 74120-6202

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-2	Werth	Sheridan	Val Energy #7	Oil	Development	Cement LongStri...	David
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				60	Miles	6.00	360.00
579D	Pump Charge - Two-Stage				1	Job	2,000.00	2,000.00
402-5	5 1/2" Centralizer				10	Each	70.00	700.00T
403-5	5 1/2" Cement Basket				2	Each	285.00	570.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	375.00	375.00T
408-5	5 1/2" D.V. Tool & Plug Set				1	Each	3,300.00	3,300.00T
411-5	5 1/2" Recipo Scratcher				32	Each	50.00	1,600.00T
414-5	5 1/2" Limit Clamp				1	Each	30.00	30.00T
417-5	5 1/2" D.V. Latch Down Plug & Baffle				1	Each	200.00	200.00T
330	Swift Multi-Density Standard (MIDCON II)				300	Sacks	17.00	5,100.00T
325	Standard Cement				175	Sacks	14.00	2,450.00T
284	Calseal				8	Sack(s)	35.00	280.00T
283	Salt				900	Lb(s)	0.20	180.00T
285	CFR-1				100	Lb(s)	4.00	400.00T
276	Flocele				125	Lb(s)	2.00	250.00T
281	Mud Flush				1,000	Gallon(s)	1.25	1,250.00T
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00T
290	D-Air				5	Gallon(s)	42.00	210.00T
581D	Service Charge Cement				475	Sacks	2.00	950.00
583D	Drayage				1,444.59	Ton Miles	1.00	1,444.59
	Subtotal							21,699.59
	Sales Tax Sheridan County						8.30%	1,406.44

We Appreciate Your Business!

Total

\$23,106.03



CHARGE TO: Culbreath Oil & Gas
 ADDRESS: 1532 Peoria Ave
 CITY, STATE, ZIP CODE: Tulsa OK 74120-6202

TICKET
 No 24725

PAGE 1 OF 2

SERVICE LOCATIONS: 1. Ness City KS
 WELL/PROJECT NO.: 1-2
 LEASE: WERTH
 COUNTY/PARISH: Sheridan
 STATE: KS
 CITY: Quinter
 DATE: 29 MAY 13
 OWNER:
 TICKET TYPE: SERVICE SALES
 CONTRACTOR:
 RIG NAME/NO.:
 SHIPPED VIA: CT
 DELIVERED TO: location
 ORDER NO.:
 WELL TYPE: oil
 WELL CATEGORY: Development
 JOB PURPOSE: cement long string
 WELL PERMIT NO.:
 WELL LOCATION: 2-10-26
 REFERRAL LOCATION:
 INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE	60	mi			6.00	360	00
579		1			Pump Charge	1	ea			2000.00	2000	00
402		1			Centralizer	5 1/2	in	10	ea	70.00	700	00
403		1			Cement Basket	5 1/2	in	2	ea	285.00	570	00
407		1			insert float shoe w/ AUTO FILL	5 1/2	in	1	ea	315.25	315.25	00
408		1			DV tool	5 1/2	in	1	ea	3300.00	3300	00
411		1			Reciprocating scratchers	5 1/2	in	32	ea	50.00	1600	00
414		1			Limit clamp	5 1/2	in	1	ea	30.00	30	00
417		1			DV hitch down plug & baffle	5 1/2	in	1	ea	200.00	200	00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *[Signature]*
 DATE SIGNED: 5-29-13
 TIME SIGNED: 3:30 P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				1	9035.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	12564.59
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Subtotal	21599.59
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Sheridan TAX	1406.44
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				8.3%	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	23,106.03

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR: David Kuehn

APPROVAL

Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 24725

CUSTOMER Culbreath Oil & Gas
WELL WERTH 1-2
DATE 29 MAY 13
PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M			
330		1				SMD cement	300	sk			17.00	5100	00
325		1				STANDARD cement (For SA-2)	175	sk			14.00	2450	00
284		1				calseal	800	lb	8	sk	35.00	2800	00
283		1				salt	900	lb			0.20	180	00
285		1				CFR-1	100	lb			4.00	400	00
276		1				flocele	125	lb			2.00	250	00
281		1				med flush	1000	gal			1.25	1250	00
221		1				KCh liquid	2	gal			25.00	50	00
290		1				D-AIR	5	gal			42.00	210	00
581		1				SERVICE CHARGE					2.00	950	00
583		1				MILEAGE CHARGE	TOTAL WEIGHT 48153	LOADED MILES 60	TON MILES 1444.59		1.00	1444	59

CONTINUATION TOTAL 12564.59

JOB LOG

SWIFT Services, Inc.

DATE 5-29-13 PAGE NO.

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Culbreath Oil & Gas		# 1-2		Werth		Cement 5 1/2" two stage Logging		24725	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	1300								On Location
									TD-4098' TP-4105' D.V. #44 2199'
									55-#106 21.19' 98 Jts 15.5" 5 1/2
									Centralizer - #1"2"3"4"5"6"7"8"10"43
									Basket #11"43 Scratchers - #1"2"3"4"5"6"7"8
	1735								Start 5 1/2 15.5" casing in well
	2000								Drop Ball Circulate - Reciprocate -
	2347	6 3/4	12		✓		300		Pump 500gal Mud Flush
		6 3/4	10		✓		300		Pump 10 bbl KCL Flush
	2353	4 1/2	42		✓		200		Mix 175 sks EA-2 w/ 1/4" Flo @ 15.5ppg
									Wash out Pump + Lines Release Latch Down Plug
5-3013	0009	6 3/4	∅		✓		200		Start Displacement
		6 3/4	44.5		✓		200		Displace with Mud
		6 3/4	80		✓		300		Lift PSI
		6 3/4	96		✓		900		Max Lift PSI
	0025	6 3/4	96.3		✓		1800		Land Latch Down Plug Release PSI - Hold -
									Wash up trucks Drop Bomb
	0055	∅	∅		✓		1200		Open D.V. Tool
	0058								Circulate
	0258	6 3/4	12		✓		250		Pump 500gal Mud Flush
		6 3/4	10		✓		250		Pump 10 bbl KCL Flush
			17-11						Plug RH - MH (20 sks - 20 sks)
	0310	5 1/2	138		✓		200		Mix 250 sks SMD w/ 1/4" Flo @ 11.2 ppg
									Wash out Pump + line Release top Plug
	0354	6 3/4	∅		✓		200		Start Displacement
		6 3/4	28		✓		300		Lift PSI
		6 3/4	32		✓		400		Circulate Cement to surface - 35 sks -
		6 3/4	51		✓		700		Max Lift PSI
	0402	6 3/4	51.8		✓		1500		Land Top Plug Release PSI - Hold -
									Close D.V. Tool
									Wash up trucks Job Complete
	0445								Thank you
									Dave Blaine N Flint Isaac

SWIFT



Services, Inc.

P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
5/29/2013	24725

BILL TO
Culbreath Oil & Gas Company, Inc. 1532 South Peoria Avenue Tulsa, OK 74120-6202

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-2	Werth	Sheridan	Val Energy #7	Oil	Development	Cement LongStri...	David
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				60	Miles	6.00	360.00
579D	Pump Charge - Two-Stage				1	Job	2,000.00	2,000.00
402-5	5 1/2" Centralizer				10	Each	70.00	700.00T
403-5	5 1/2" Cement Basket				2	Each	285.00	570.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	375.00	375.00T
408-5	5 1/2" D.V. Tool & Plug Set				1	Each	3,300.00	3,300.00T
411-5	5 1/2" Recipo Scratcher				32	Each	50.00	1,600.00T
414-5	5 1/2" Limit Clamp				1	Each	30.00	30.00T
417-5	5 1/2" D.V. Latch Down Plug & Baffle				1	Each	200.00	200.00T
330	Swift Multi-Density Standard (MIDCON II)				300	Sacks	17.00	5,100.00T
325	Standard Cement				175	Sacks	14.00	2,450.00T
284	Calseal				8	Sack(s)	35.00	280.00T
283	Salt				900	Lb(s)	0.20	180.00T
285	CFR-1				100	Lb(s)	4.00	400.00T
276	Flocele				125	Lb(s)	2.00	250.00T
281	Mud Flush				1,000	Gallon(s)	1.25	1,250.00T
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00T
290	D-Air				5	Gallon(s)	42.00	210.00T
581D	Service Charge Cement				475	Sacks	2.00	950.00
583D	Drayage				1,444.59	Ton Miles	1.00	1,444.59
	Subtotal							21,699.59
	Sales Tax Sheridan County						8.30%	1,406.44

We Appreciate Your Business!

Total

\$23,106.03



CHARGE TO: Culbreath Oil & Gas
 ADDRESS: 1532 Peoria Ave
 CITY, STATE, ZIP CODE: Tulsa OK 74120-6202

TICKET
 No 24725

PAGE 1 OF 2

SERVICE LOCATIONS: 1. Ness City KS
 WELL/PROJECT NO.: 1-2
 LEASE: WERTH
 COUNTY/PARISH: Sheridan
 STATE: KS
 CITY: Quinter
 DATE: 29 MAY 13
 OWNER:
 TICKET TYPE: SERVICE SALES
 CONTRACTOR:
 RIG NAME/NO.:
 SHIPPED VIA: CT
 DELIVERED TO: location
 ORDER NO.:
 WELL TYPE: oil
 WELL CATEGORY: Development
 JOB PURPOSE: cement long string
 WELL PERMIT NO.:
 WELL LOCATION: 2-10-26
 REFERRAL LOCATION:
 INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE	60	mi			6.00	360	00
579		1			Pump Charge	1	ea			2000.00	2000	00
402		1			Centralizer	5 1/2	in	10	ea	70.00	700	00
403		1			Cement Basket	5 1/2	in	2	ea	285.00	570	00
407		1			insert float shoe w/ AUTO FILL	5 1/2	in	1	ea	315.25	315	25
408		1			DV tool	5 1/2	in	1	ea	3300.00	3300	00
411		1			Reciprocating scratchers	5 1/2	in	32	ea	50.00	1600	00
414		1			Limit clamp	5 1/2	in	1	ea	30.00	30	00
417		1			DV hitch down plug & baffle	5 1/2	in	1	ea	200.00	200	00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *[Signature]*
 DATE SIGNED: 5-29-13
 TIME SIGNED: 3:30 P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				1	9035.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	12564.59
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Subtotal	21599.59
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Sheridan TAX	1406.44
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				8.3%	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	23,106.03

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR: David Kuehn

APPROVAL

Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 24725

CUSTOMER Culbreath Oil & Gas
WELL WERTH 1-2
DATE 29 MAY 13
PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M			
330		1				SMD cement	300	sk			17.00	5100	00
325		1				STANDARD cement (For SA-2)	175	sk			14.00	2450	00
284		1				calseal	800	lb	8	sk	35.00	2800	00
283		1				salt	900	lb			0.20	180	00
285		1				CFR-1	100	lb			4.00	400	00
276		1				flocele	125	lb			2.00	250	00
281		1				med flush	1000	gal			1.25	1250	00
221		1				KCh liquid	2	gal			25.00	50	00
290		1				D-AIR	5	gal			42.00	210	00
581		1				SERVICE CHARGE					2.00	950	00
583		1				MILEAGE CHARGE	TOTAL WEIGHT 48153	LOADED MILES 60	TON MILES 1444.59		1.00	1444	59
											CONTINUATION TOTAL		12564.59

JOB LOG

SWIFT Services, Inc.

DATE 5-29-13 PAGE NO.

CUSTOMER Culbreath Oil & Gas WELL NO. #1-2 LEASE Werth JOB TYPE Cement 5 1/2" two stage Logging TICKET NO. 24725

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1300							On Location
								TD-4098' TP-4105' D.V. #44 2199'
								55-#106 21.19' 98 Jts 15.5" 5 1/2
								Centralizer - #1"2"3"4"5"6"7"8"10"43
								Basket #11"43 Scratchers - #1"2"3"4"5"6"7"8
	1735							Start 5 1/2 15.5" casing in well
	2000							Drop Ball Circulate - Reciprocate -
	2347	6 3/4	12		✓		300	Pump 500gal Mud Flush
		6 3/4	10		✓		300	Pump 10 bbl KCL Flush
	2353	4 1/2	42		✓		200	Mix 175 sks EA-2 w/ 1/4" Flo @ 15.5ppg
								Wash out Pump + Lines Release Latch Down Plug
5-3013	0009	6 3/4	∅		✓		200	Start Displacement
		6 3/4	44.5		✓		200	Displace with Mud
		6 3/4	80		✓		300	Lift PSI
		6 3/4	96		✓		900	Max Lift PSI
	0025	6 3/4	96.3		✓		1800	Land Latch Down Plug Release PSI - Hold -
								Wash up trucks Drop Bomb
	0055	∅	∅		✓		1200	Open D.V. Tool
	0058							Circulate
	0258	6 3/4	12		✓		250	Pump 500gal Mud Flush
		6 3/4	10		✓		250	Pump 10 bbl KCL Flush
			17-11					Plug RH - MH (20 sks - 20 sks)
	0310	5 1/2	138		✓		200	Mix 250 sks SMD w/ 1/4" Flo @ 11.2 ppg
								Wash out Pump + line Release top Plug
	0354	6 3/4	∅		✓		200	Start Displacement
		6 3/4	28		✓		300	Lift PSI
		6 3/4	32		✓		400	Circulate Cement to surface - 35 sks -
		6 3/4	51		✓		700	Max Lift PSI
	0402	6 3/4	51.8		✓		1500	Land Top Plug Release PSI - Hold -
								Close D.V. Tool
								Wash up trucks Job Complete
	0445							Thank you
								Dave Blaine N Flint Isaac

PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 136325

Invoice Date: May 17, 2013

Page: 1

Bill To:

Culbreath Oil & Gas Co., Inc.
1532 South Peoria Avenue
Tulsa, OK 74120

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Cul	60838	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	May 17, 2013	6/16/13

Quantity	Item	Description	Unit Price	Amount
		Werth #1-2		
165.00	MAT	Class A Common	17.90	2,953.50
3.00	MAT	Gel	23.40	70.20
6.00	MAT	Chloride	64.00	384.00
178.42	SER	Cubic Feet	2.48	442.48
407.00	SER	Ton Mileage	2.60	1,058.20
1.00	SER	Surface	1,512.25	1,512.25
50.00	SER	Pump Truck Mileage	7.70	385.00
1.00	SER	Manifold Head Rental	275.00	275.00
50.00	SER	Light Vehicle Mileage	4.40	220.00
1.00	CEMENTER	Andrew Forslund		
1.00	EQUIP OPER	Dane Retzloff		
1.00	OPER ASSIST	Kevin Ryan		
1.00	OPER ASSIST	Chris Helpingstine		

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

\$ 1,679.14

ONLY IF PAID ON OR BEFORE

May 17, 2013

Subtotal	7,300.63
Sales Tax	282.84
Total Invoice Amount	7,583.47
Payment/Credit Applied	
TOTAL	7,583.47

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

August 26, 2013

Billy Schmidt
Culbreath Oil & Gas Company, Inc.
1532 S PEORIA AVE
TULSA, OK 74120-6202

Re: ACO1
API 15-179-21332-00-00
Werth 1-2
NE/4 Sec.02-10S-26W
Sheridan County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Billy Schmidt