

Kansas Corporation Commission Oil & Gas Conservation Division

155892

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
☐ New Well ☐ Re-Entry ☐ Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	feet depth to: w/ sx cmt.
Operator:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Chloride content:ppm Fluid volume:bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec TwpS. R
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:
	•
Spud Date or Date Reached TD Completion Date or Recompletion Date	

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 Approved by: Date:				

Side Two



Operator Name:			Lease Name: _			_ Well #:	
Sec Twp	S. R	East West	County:				
time tool open and clo	osed, flowing and shu es if gas to surface te	d base of formations pen t-in pressures, whether s st, along with final chart(well site report.	hut-in pressure rea	ched static level,	hydrostatic press	sures, bottom h	ole temperature, fluid
Drill Stem Tests Taker (Attach Additional		Yes No		og Formatio	n (Top), Depth ar	nd Datum	Sample
Samples Sent to Geo	ological Survey	☐ Yes ☐ No	Nam	е		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
		Report all strings set-o		ermediate, producti	<u> </u>		
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 / SQL	 JEEZE RECORD			
Purpose: —— Perforate —— Protect Casing	Depth Top Bottom	Type of Cement	# Sacks Used		Type and F	Percent Additives	
Plug Back TD Plug Off Zone							
	DEDEODATI	ON DECORD - Deider Blue	- O-4/T	Acid Fro	cture, Shot, Cemen	t Causana Dagar	
Shots Per Foot	Specify I	ON RECORD - Bridge Plug Footage of Each Interval Per	forated		mount and Kind of Ma		Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Meth		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Wat	er B	bls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF GAS:		METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:
Vented Solo		Open Hole	Perf. Dually	Comp. Cor	nmingled		
(If vented, Su	bmit ACO-18.)	Other (Specify)	(Submit)	4CO-5) (Sub	mit ACO-4)		_



Culbreath Oil&Gas Co. Inc.

5-10-25, Graham, KS

1532 S Peoria Ave Tulsa OK 74120

Job Ticket: 54296

Pfeifer #1-5

Tester:

DST#: 1

ATTN: Pat Deenihan

Test Start: 2013.07.24 @ 08:10:00

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: Test Type: Conventional Bottom Hole (Initial) No Whipstock: ft (KB)

Time Tool Opened: 10:51:00 Time Test Ended: 14:42:30

Unit No: 59

> Reference Elevations: 2578.00 ft (KB)

Brett Dickinson

2568.00 ft (CF)

3843.00 ft (KB) (TVD) 7.88 inches Hole Condition: Fair Hole Diameter:

KB to GR/CF: 10.00 ft

Serial #: 6753

Press@RunDepth:

Inside

28.13 psig @

3810.00 ft (KB) To 3843.00 ft (KB) (TVD)

3811.00 ft (KB)

Capacity: Last Calib.: 8000.00 psig

Start Date: Start Time:

Interval:

Total Depth:

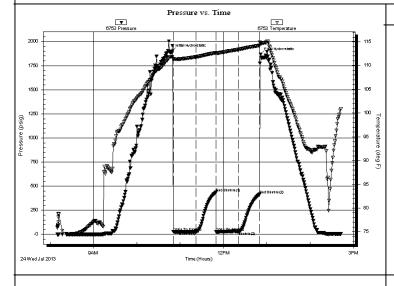
2013.07.24 08:10:05 End Date: End Time: 2013.07.24 14:42:29

2013.07.24 2013.07.24 @ 10:49:00 Time On Btm:

Time Off Btm: 2013.07.24 @ 12:51:30

TEST COMMENT: IF-Surface blow died in 11min

ISI-No blow FF-No blow FSI-No blow



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1896.89	111.86	Initial Hydro-static
2	27.20	111.38	Open To Flow (1)
33	27.09	111.81	Shut-In(1)
61	436.03	112.68	End Shut-In(1)
61	25.96	112.49	Open To Flow (2)
92	28.13	113.39	Shut-In(2)
121	415.82	114.22	End Shut-In(2)
123	1865.32	114.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud	0.01

Gas Rates

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

Trilobite Testing, Inc. Ref. No: 54296 Printed: 2013.07.24 @ 18:26:02



Culbreath Oil&Gas Co. Inc.

5-10-25, Graham, KS

1532 S Peoria Ave Pfeifer #1-5

Time

Pressure

Tulsa OK 74120

Job Ticket: 54296 **DST#:1**

ATTN: Pat Deenihan Test Start: 2013.07.24 @ 08:10:00

GENERAL INFORMATION:

Formation: Toronto

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 10:51:00 Tester: Brett Dickinson

Time Test Ended: 14:42:30 Unit No: 59

Interval: 3810.00 ft (KB) To 3843.00 ft (KB) (TVD) Reference Elevations: 2578.00 ft (KB)

Total Depth: 3843.00 ft (KB) (TVD) 2568.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8166 Outside

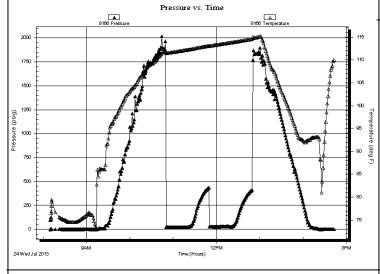
 Press@RunDepth:
 psig
 @
 3811.00 ft (KB)
 Capacity:
 8000.00 psig

Start Date: 2013.07.24 End Date: 2013.07.24 Last Calib.: 2013.07.24

Start Time: 08:10:05 End Time: 14:42:29 Time On Btm: Time Off Btm:

TEST COMMENT: IF-Surface blow died in 11min

ISI-No blow FF-No blow FSI-No blow



(Min.)	(psig)	(deg F)

PRESSURE SUMMARY

Temp

Annotation

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud	0.01

Gas Rates

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

Trilobite Testing, Inc Ref. No: 54296 Printed: 2013.07.24 @ 18:26:02



FLUID SUMMARY

ppm

Culbreath Oil&Gas Co. Inc. 5-10-25, Graham, KS

1532 S Peoria Ave Tulsa OK 74120 Pfeifer #1-5

Serial #:

Job Ticket: 54296 **DST#:1**

Water Salinity:

ATTN: Pat Deenihan Test Start: 2013.07.24 @ 08:10:00

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight:9.00 lb/galCushion Length:ftViscosity:48.00 sec/qtCushion Volume:bbl

Water Loss: 8.78 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 1500.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud	0.010

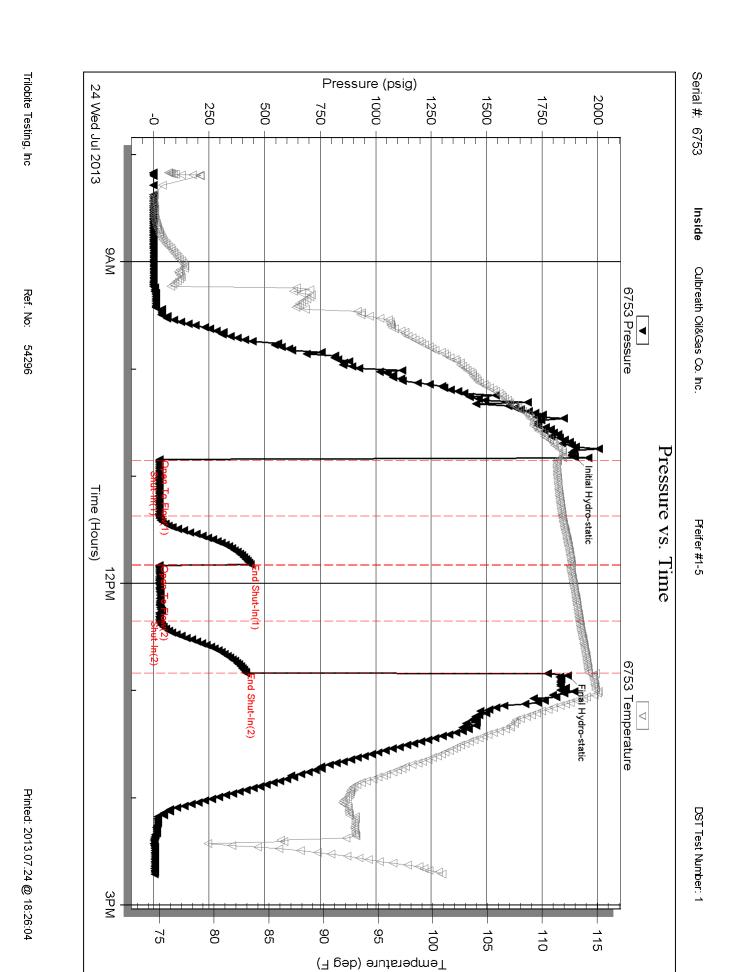
Total Length: 2.00 ft Total Volume: 0.010 bbl

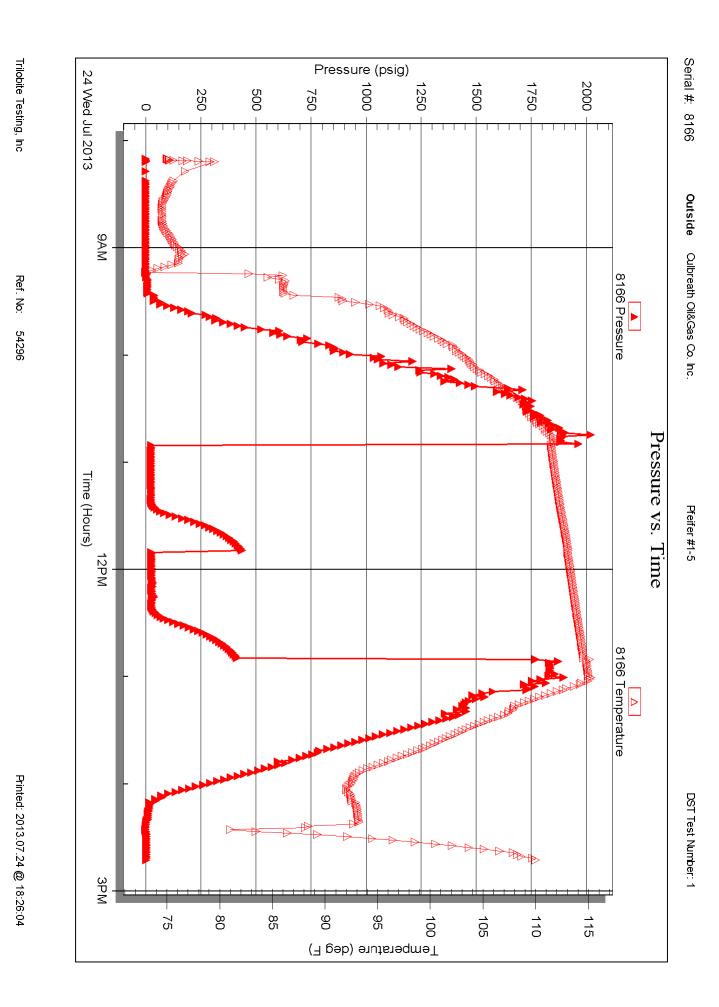
Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 54296 Printed: 2013.07.24 @ 18:26:03







Culbreath Oil & Gas Co. Inc.

Pfeifer #1-5

1532 S Peoria Ave Tulsa OK 74120

Job Ticket: 53409 DST#: 2

5-10-25, Graham, KS

ATTN: Pat Deenihan

Test Start: 2013.07.25 @ 01:19:00

GENERAL INFORMATION:

Formation: Lan B-D

Deviated: Test Type: Conventional Bottom Hole (Reset) No Whipstock: ft (KB)

Time Tool Opened: 03:57:30 Time Test Ended: 08:35:00

Unit No:

Reference Elevations:

KB to GR/CF:

Wilbur Steinbeck

Tester:

2578.00 ft (KB)

10.00 ft

3912.00 ft (KB) (TVD)

2568.00 ft (CF)

7.88 inches Hole Condition: Fair

3870.00 ft (KB) To 3912.00 ft (KB) (TVD)

Serial #: 8353 Press@RunDepth: Outside

13.04 psig @

3871.00 ft (KB)

Capacity: Last Calib.:

Time On Btm:

8000.00 psig

Start Date: Start Time:

Interval:

Total Depth:

Hole Diameter:

2013.07.25 01:19:15 End Date: End Time: 2013.07.25 08:35:00

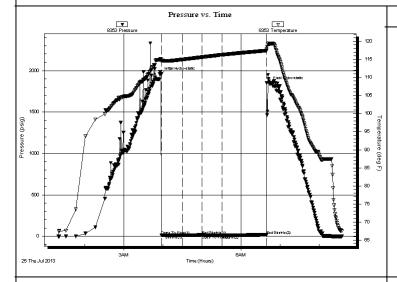
2013.07.25 2013.07.25 @ 03:57:00

Time Off Btm:

2013.07.25 @ 06:44:00

TEST COMMENT: 30 IF: Surface blow died in 8 min

30 ISI: No Blow 30 FF: No Blow 30 FSI: No Blow



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1956.14	115.12	Initial Hydro-static
1	12.14	114.44	Open To Flow (1)
33	12.07	114.96	Shut-In(1)
63	16.46	115.60	End Shut-In(1)
63	16.49	115.61	Open To Flow (2)
94	13.04	116.25	Shut-In(2)
162	16.71	117.42	End Shut-In(2)
167	1842.96	119.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud	0.01
* Recovery from mul	tiple tests	

Gas Rates

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

Trilobite Testing, Inc. Ref. No: 53409 Printed: 2013.07.25 @ 10:22:05



FLUID SUMMARY

ppm

DST#: 2

Culbreath Oil & Gas Co. Inc.

5-10-25, Graham, KS

1532 S Peoria Ave

Pfeifer #1-5

Serial #:

Tulsa OK 74120

Job Ticket: 53409

ATTN: Pat Deenihan

Test Start: 2013.07.25 @ 01:19:00

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API Water Salinity:

Mud Weight: Cushion Length: 9.00 lb/gal ft Viscosity:

64.00 sec/qt Cushion Volume: bbl Water Loss: 8.79 in³Gas Cushion Type:

Resistivity: Gas Cushion Pressure: ohm.m psig

Salinity: 1500.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Volume Description Length ft bbl 2.00 Mud 0.010

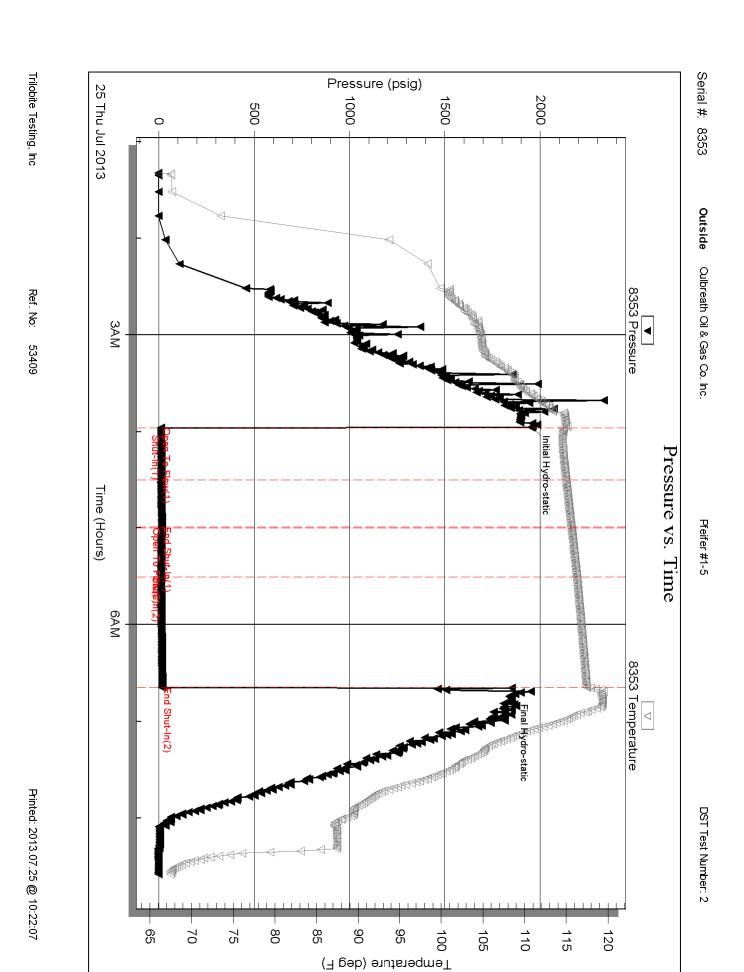
Total Length: Total Volume: 2.00 ft 0.010 bbl

Num Fluid Samples: 0 Num Gas Bombs:

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 53409 Printed: 2013.07.25 @ 10:22:06





Culbreath Oil&Gas Co. Inc.

1532 S Peoria Ave

ATTN: Pat Deenihan

5-10-25, Graham, KS

Pfeifer #1-5

Tulsa OK 74120 Job Ticket: 54296

DST#: 1

Test Start: 2013.07.24 @ 08:10:00

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Initial) No ft (KB)

Time Tool Opened: 10:51:00 Tester: Brett Dickinson Time Test Ended: 14:42:30 Unit No: 59

Interval: 3810.00 ft (KB) To 3843.00 ft (KB) (TVD)

Reference Elevations: 2578.00 ft (KB) Total Depth: 3843.00 ft (KB) (TVD) 2568.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 6753 Inside

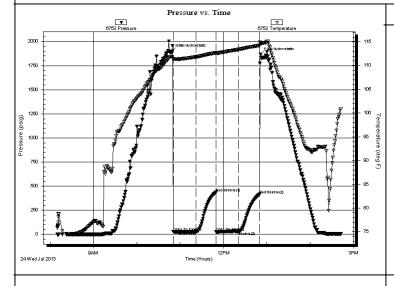
Press@RunDepth: 3811.00 ft (KB) 8000.00 psig 28.13 psig @ Capacity:

Start Date: 2013.07.24 End Date: 2013.07.24 Last Calib.: 2013.07.24 Start Time: 08:10:05 End Time: 2013.07.24 @ 10:49:00 14:42:29 Time On Btm:

Time Off Btm: 2013.07.24 @ 12:51:30

TEST COMMENT: IF-Surface blow died in 11min

ISI-No blow FF-No blow FSI-No blow



	PRESSURE SUMMARY				
Time	Pressure	Temp	Annotation		
(Min.)	(psig)	(deg F)			
0	1006.00	111 00	Initial Lhydra atatia		

(Min.)	(psig)	(deg F)	
0	1896.89	111.86	Initial Hydro-static
2	27.20	111.38	Open To Flow (1)
33	27.09	111.81	Shut-In(1)
61	436.03	112.68	End Shut-In(1)
61	25.96	112.49	Open To Flow (2)
92	28.13	113.39	Shut-In(2)
121	415.82	114.22	End Shut-In(2)
123	1865.32	114.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud	0.01

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc. Ref. No: 54296 Printed: 2013.07.24 @ 15:54:08



FLUID SUMMARY

Culbreath Oil&Gas Co. Inc. 5-10-25, Graham, KS

1532 S Peoria Ave Tulsa OK 74120 Pfeifer #1-5

Job Ticket: 54296

DST#: 1

ATTN: Pat Deenihan

Test Start: 2013.07.24 @ 08:10:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil A Pl:deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Mud Weight: 9.00 lb/gal Cushion Length: ft Viscosity: 48.00 sec/qt Cushion Volume: bbl

Water Loss: 8.78 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 1500.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

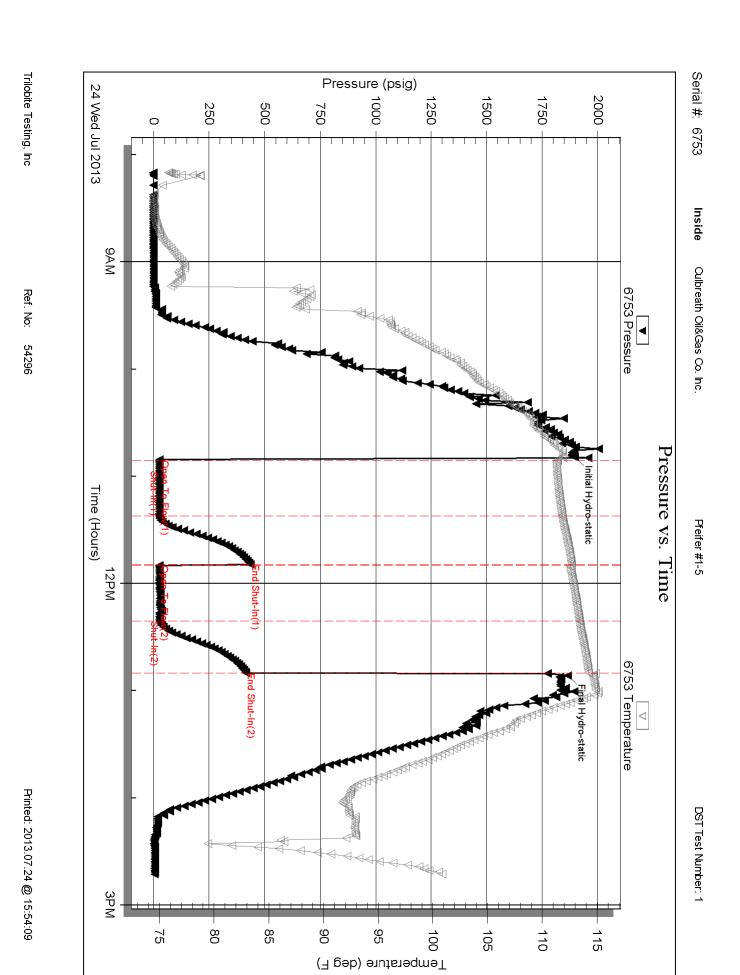
Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #:

Trilobite Testing, Inc Ref. No: 54296 Printed: 2013.07.24 @ 15:54:09



Global Cementing LLC dba SOS LLC

18048 I-70 Road Russell, KS 67665

785-324-2658

785-445-3526

Invoice

Date	Invoice #
7/26/2013	1072

Bill To

CULBREATH OIL & GAS CO INC
1532 S PEORIA AVE
TULSA,OK 74120

P.O. No.	Terms	Project
PFEIFER 1-5	Net 30	

Quantity			Description		Rate		Amount
82 7 212 84 84 84	PUMP TRU PICKUP 8-5/8 WOOI	EAGE PUMP CHARGE FOR ICK MILEAGE D PLUG 0% FROM TOTAL IF		YS OF INVOICE	7 1,2	15.50 8.50 23.50 2.10 712.40 200.00 6.50 2.50 57.50 0.00 555%	1,906.50T 697.00T 164.50T 445.20 712.40 1,200.00 546.00 210.00 57.50T 0.00 213.33
Please remit to ab		T	T		 Total		\$6,152.43
Ph	none #	Fax#	E-r	nail	Total		\$0,132.43

globalcementingllc@gmail.com

SCHIPPER'S OIL FIELD SERVICES, L.L.C. 1072

REMIT TO

LEASE PE

CONTRACTOR TYPE OF JOB HOLE SIZE

CASING SIZE

TUBING SIZE DRILL PIPE

MEAS. LINE

DISPLACEMENT

PUMP TRUCK

BULK TRUCK

BULK TRUCK

CHARGE TO:

listed on the reverse side.

CEMENT LEFT IN CSG.

TOOL PRES. MAX

PERFS

OLD OR NEW (CIRCLE ONE)

18048 170RD

SEC.

WELL#.

EOUIPMENT

REMARKS:

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS"

CEMENTER HELPER

DRIVER

DRIVER

CITY _____STATE ____ZIP __

Schippers Oil Field Services, L.L.C.,

RUSSELL, KS 67665

TWP.

RANGE

DEPTH

DEPTH

DEPTH DEPTH

MINIMUM SHOE JOINT

LOCATION

SERVICE POINT: Oltingsellis - Hovie Wa

	ON LOCATION	JOB START	JC	OB FINISH
1-5	7 - pm	COUNTY		TATE
		GRAHAU	1	KS
OWNER				
CEMENT				
AMOUNT ORDER	RED			
COMMON				
POZMIX				
CHLORIDE				
ASC				
	1			
HANDLING MILEAGE				
	CE	RVICE		
	SE	RVICE		
DEPTH OF JOB				
PUMP TRUCK CH				
EXTRA FOOTAGE	5			
		@		
MILEAGE				
MILEAGE		- @ ———		
MILEAGE		- @ ———— - @ ———	_ =	
MILEAGE		- @ - @		
MILEAGE MANIFOLD		- @	— – — – AL –	
MILEAGE MANIFOLD	PLUG & FLO	TOT	AL –	
MILEAGE MANIFOLD	PLUG & FLO	- @ ———————————————————————————————————	AL –	
MILEAGEMANIFOLD	PLUG & FLO Plub, 2 ++.	TOT AT EQUIPM - @	AL -	
MILEAGEMANIFOLD	PLUG & FLO	TOT AT EQUIPM . @	AL –	
MILEAGEMANIFOLD	PLUG & FLO Plub. 2 + .	TOT AT EQUIPM	ENT	
MILEAGEMANIFOLD	PLUG & FLO Plub. 2 1+.	TOT AT EQUIPM	AL -	
MILEAGEMANIFOLD	PLUG & FLO	TOT OAT EQUIPM . @	ENT	
MILEAGEMANIFOLD	PLUG & FLO Plub, 2 1+.	TOT AT EQUIPM	AL -	