



KANSAS CORPORATION COMMISSION 1108534
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: Pat Deenihan
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

<u>09/18/2012</u>	<u>09/26/2012</u>	<u>09/26/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-195-22800-00-00
Spot Description: 80' East, SW NW SE
E2 SW NW SE Sec. 29 Twp. 15 S. R. 25 East West
1650 Feet from North / South Line of Section
2210 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Trego
Lease Name: Deines Well #: 1-29
Field Name: _____
Producing Formation: Miss
Elevation: Ground: 2515 Kelly Bushing: 2524
Total Depth: 4526 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 270 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 270
feet depth to: _____ w/ 180 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 8000 ppm Fluid volume: 6000 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: 01/24/2013



1108534

Operator Name: Culbreath Oil & Gas Company, Inc. Lease Name: Deines Well #: 1-29
Sec. 29 Twp. 15 S. R. 25 East West County: Trego

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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name Attached	Top Attached	Datum Attached
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 <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run: DIL, CNP, Micro				

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	270	common	180	3% gel, 2% 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)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Culbreath Oil & Gas Company, Inc.
Well Name	Deines 1-29
Doc ID	1108534

Tops

Anhydrite	1947	
Heebner	3797	
Toronto	3817	
Lansing	3848	
BKC	4142	
Marmaton	4213	
Pawnee	4274	
Mississippi	4450	
Log Total Depth	4526	

Schippers Oilfield Services LLC

Invoice

RR 1 Box 90D
Hoxie, KS 67740

Date 9/17/2012
Invoice # 616

Phone # 785-675-8974 sosllc@ruraltel.net
Fax # 785-675-9938

Bill To
Culbreath Oil and Gas Company 1532 S Peoria Tulsa, OK 74120

Ship To

P.O. # Denice 1-29
Terms Net 30

Ship Date 9/19/2012
Due Date 10/17/2012
Other

Item	Description	Qty	Price	Amount
Cement	Common	185	15.50	2,867.50T
Gel		4	26.00	104.00T
chloride	calcium chloride	6	52.00	312.00T
Handling of mater...	per sack	195	2.15	419.25
Mileage and labor		61	19.50	1,189.50
Pump truck charge	Tri- plex pump charge		1,050.00	1,050.00
Pump truck mileage	To and From Location	122	6.50	793.00
Light vehicle mile...	To and From Locaton	122	2.00	244.00

TAKE 10% DISCOUNT IF PAID WITHIN 20 DAYS. DEDUCT FROM TOTAL.

Subtotal	\$6,979.25
Sales Tax (6.8%)	\$223.28
Total	\$7,202.53
Payments/Credits	\$0.00
Balance Due	\$7,202.53

Schippers Oilfield Services LLC

REMIT TO
RR 1 BOX 90 D
HOXIE, KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

NO 816

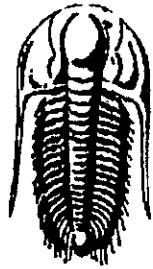
DATE 9/17/12 SEC.	RANGE/TWP.	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
				COUNTY <i>Trego</i>	STATE <i>KS</i>
LEASE Stavel Petroleum Inc Dancise <i>Co Culbreath</i>		WELL # <i>1-29</i>			

CONTRACTOR	<i>Marcel Doring LLC 108</i>	OWNER	<i>Culbreath</i>		
TYPE OF JOB	<i>Surface</i>				
HOLE SIZE	<i>12 1/4</i>	T.D.	<i>262</i>	CEMENT	
CASING SIZE	<i>8 5/8</i>	DEPTH	<i>252</i>	AMOUNT ORDERED	<i>185</i>
TUBING SIZE		DEPTH	<i>8 3/4</i>		
DRILL PIPE		DEPTH			
TOOL		DEPTH			
PRES. MAX		MINIMUM		COMMON	<i>195 @ 15.50 2807.50</i>
DISPLACEMENT	<i>14.75</i>	SHOE JOINT		POZMIX	<i>@ 104.00</i>
CEMENT LEFT IN CSG.				GEL	<i>4 @ 26.00 104.00</i>
PERFS				CHLORIDE	<i>6 @ 52.00 312.00</i>
				ASC	<i>@</i>
EQUIPMENT					<i>@</i>
PUMP TRUCK					<i>@</i>
# <i>Jay</i>					<i>@</i>
BULK TRUCK					<i>@</i>
# <i>Eric</i>					<i>@</i>
BULK TRUCK					<i>@</i>
#				HANDLING	<i>195 @ 2.5 419.25</i>
				MILEAGE	<i>61 @ 19.50 1,189.50</i>
				TOTAL	

REMARKS	SERVICE	<i>Surface</i>	
<i>Playdown @ 2315</i>	DEPT OF JOB		<i>@</i>
	PUMP TRUCK CHARGE	<i>1050</i>	<i>@</i>
<i>14 3/4 w/ displacement</i>	EXTRA FOOTAGE		<i>@</i>
	MILEAGE <i>Play Truck</i>	<i>61 @ 12</i>	<i>@ 6.50 793.00</i>
<i>1 Circ Cement to Pit</i>	MANIFOLD		<i>@</i>
	<i>For Pick up</i>	<i>61 @ 4</i>	<i>@ 2.00 244.00</i>
	TOTAL		

CHARGES TO:	<i>Culbreath</i>
STREET	STATE <i>KS</i>
CITY	ZIP

PLUG & FLOAT EQUIPMENT	<i>@</i>
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Culbreath Oil & Gas**

1532 S. Peoria Ave.
Tulsa, OK 74120

ATTN: Pat Deenihan

Deines #1-29

S29-15s-25w Trego, KS

Start Date: 2012.09.26 @ 04:30:00

End Date: 2012.09.26 @ 12:18:00

Job Ticket #: 48458 DST #: 3

Culbreath Oil & Gas
S29-15s-25w Trego, KS
Deines #1-29
DST # 3
Mississippi
2012.09.26

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.01 @ 14:56:05



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Culbreath Oil & Gas

S29-15s-25w Trego, KS

1532 S. Peoria Ave.
Tulsa, OK 74120

Deines #1-29

Job Ticket: 48458

DST#: 3

ATTN: Pat Deenihan

Test Start: 2012.09.26 @ 04:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 9.18 in³

Resistivity: ohm.m

Salinity: 3200.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbf

psig

Oil API:

Water Salinity:

deg API

36000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
750.00	W 100w	10.521
120.00	MV 15m 85w	1.683
60.00	OSWM 25w 75m	0.842

Total Length: 930.00 ft Total Volume: 13.046 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

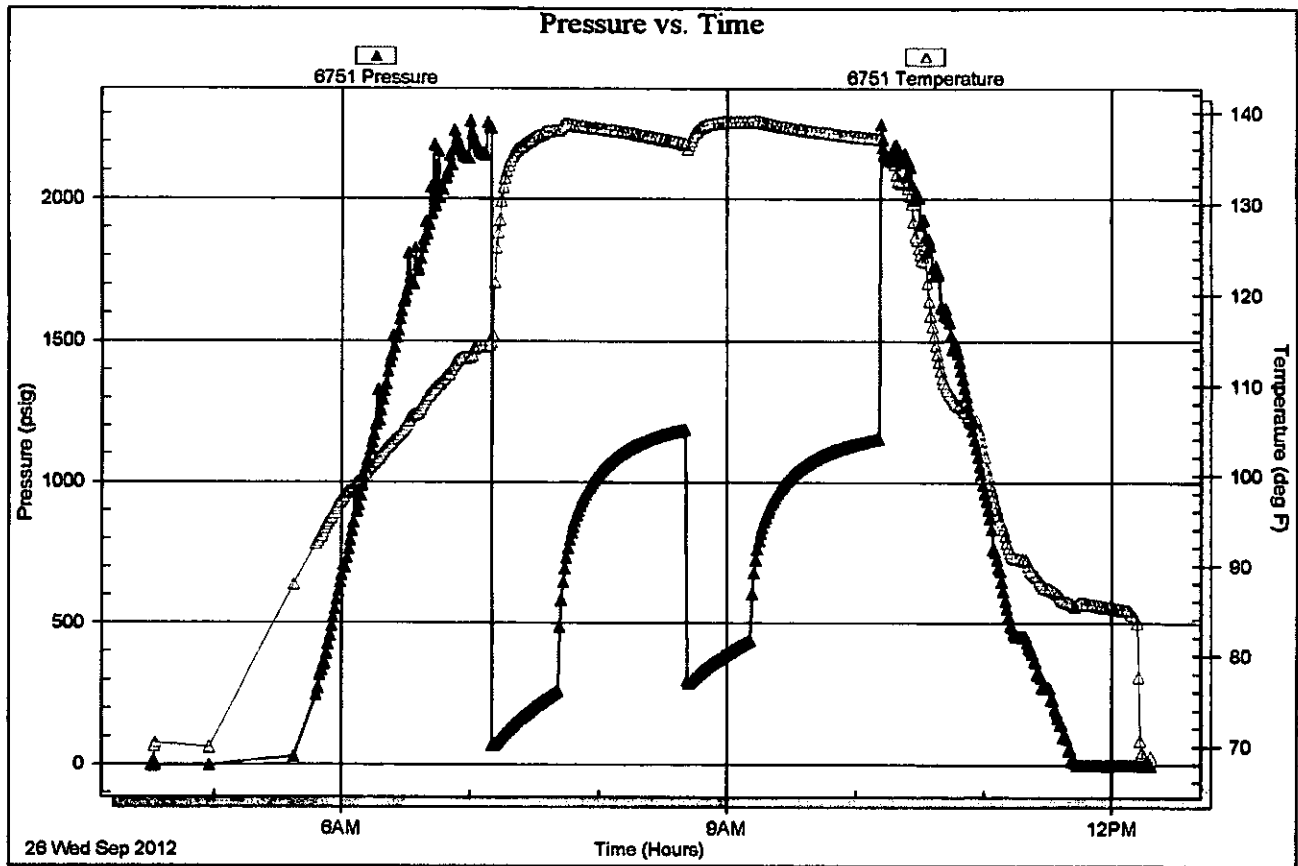
Recovery Comments: RV: .212 @ 73 Degrees F = 36000 PPM

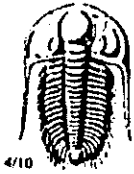
Serial #: 6751

Outside Outbreath Oil & Gas

Dehes #1-29

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48457

Well Name & No. Deines #1-29 Test No. 2 Date 9-25-12
 Company Culbreath Oil + Gas Elevation 2524 KB 2515 GL
 Address 1532 S Peoria Ave. Tulsa, OK 74120
 Co. Rep / Geo. Pat Deenihan Rig Maverick #108
 Location: Sec. 29 Twp. 15s Rge. 25w Co. Trego State KS

Interval Tested 4448-4458 Zone Tested Mississippian
 Anchor Length 10 Drill Pipe Run 4426 Mud Wt. 9.1
 Top Packer Depth 4444 Drill Collars Run 0 Vis 50
 Bottom Packer Depth 4448 Wt. Pipe Run 0 WL 9.2
 Total Depth 4458 Chlorides 3.200 ppm System LCM 4"
 Blow Description 6" Blow.
No return.
6" Blow.
No return.

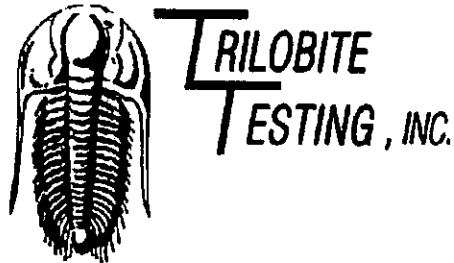
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>30</u>	Feet of <u>60</u>	<u>5</u> %gas	<u>95</u> %oil	%water	%mud
Rec <u>60</u>	Feet of	%gas	<u>60</u> %oil	%water	<u>40</u> %mud
Rec	Feet of <u>30' Weak GTP</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 90 BHT 127 Gravity 37 API RW @ ° F Chlorides ppm

(A) Initial Hydrostatic 2256 Test 1250 T-On Location 12:10
 (B) First Initial Flow 22 Jars 250 T-Started 12:13
 (C) First Final Flow 38 Safety Joint 75 T-Open 14:07
 (D) Initial Shut-In 980 Circ Sub NIC T-Pulled 17:54
 (E) Second Initial Flow 38 Hourly Standby T-Out 19:36
 (F) Second Final Flow 54 Mileage 119RT 184.45 Comments
 (G) Final Shut-In 804 Sampler
 (H) Final Hydrostatic 2157 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer 320
 Extra Packer Extra Copies
 Extra Recorder Sub Total 320
 Day Standby Total 2079.45
 Accessibility MP/DST Disc't
 Sub Total 1759.45

Approved By Sethrick Deenihan Our Representative Chuck Smith

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.



DRILL STEM TEST REPORT

Prepared For: **Culbreath Oil & Gas**

1532 S. Peoria Ave.
Tulsa, OK 74120

ATTN: Pat Deenihan

Deines #1-29

S29-15s-25w Trego, KS

Start Date: 2012.09.24 @ 20:48:00

End Date: 2012.09.25 @ 03:06:20

Job Ticket #: 48456 DST #: 1

Culbreath Oil & Gas S29-15s-25w Trego, KS Deines #1-29 DST # 1 Cherokee - Upper Miss 2012.09.24

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

Printed: 2012.10.01 @ 14:57:39



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Culbreath Oil & Gas

S29-15s-25w Trego, KS

1532 S. Peoria Ave.
Tulsa, OK 74120

Deines #1-29

Job Ticket: 48456

DST#: 1

ATTN: Pat Deenihan

Test Start: 2012.09.24 @ 20:48:00

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
10.00	M 100m Oil spots in tool.	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

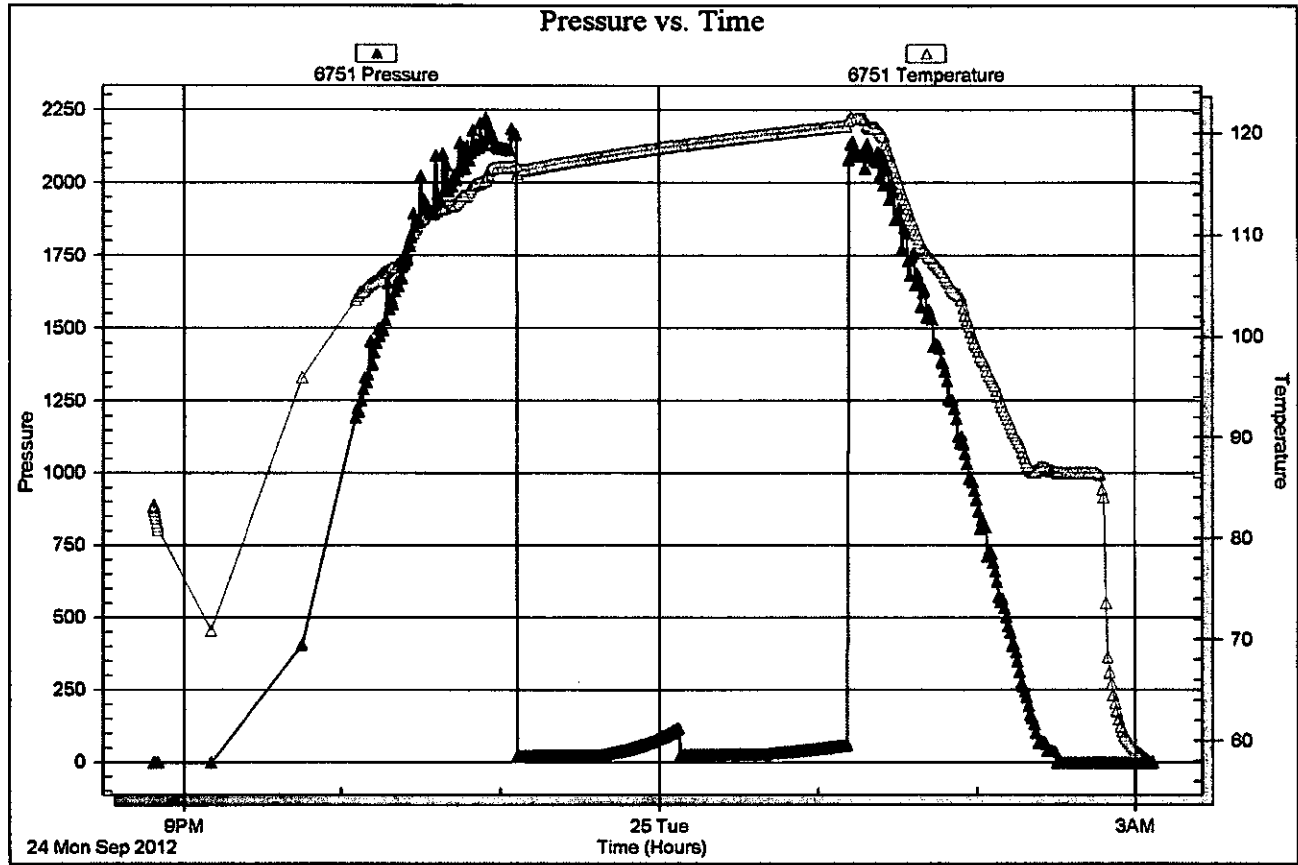
Recovery Comments:

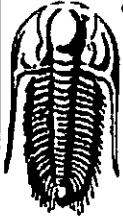
Serial #: 6751

Outside Outbreath Oil & Gas

Deines #1-29

DST Test Number: 1





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Culbreath Oil & Gas

S29-15s-25w Trego, KS

1532 S. Peoria Ave.
Tulsa, OK 74120

Deines #1-29

Job Ticket: 48457 DST#: 2

ATTN: Pat Deenihan

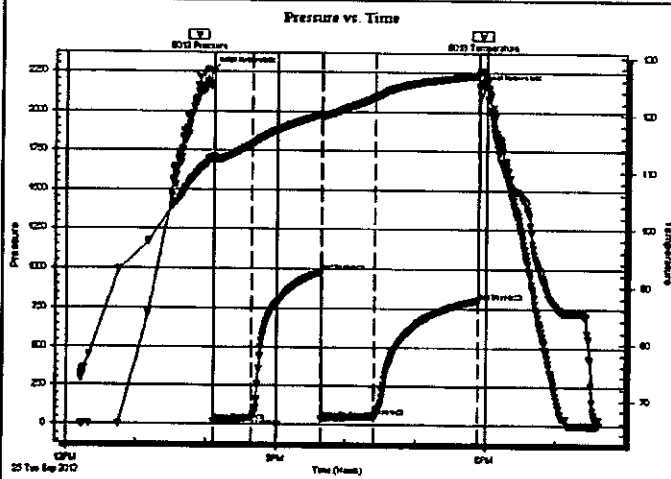
Test Start: 2012.09.25 @ 12:13:00

GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: **No Whipstock:** ft (KB)
 Test Type: **Conventional Bottom Hole (Reset)**
 Time Tool Opened: **14:06:40**
 Tester: **Chuck Smith**
 Time Test Ended: **19:36:00**
 Unit No: **62**
 Interval: **4448.00 ft (KB) To 4458.00 ft (KB) (TVD)**
 Reference Elevations: **2524.00 ft (KB)**
 Total Depth: **4458.00 ft (KB) (TVD)**
2515.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 KB to GR/CF: **9.00 ft**

Serial #: 8018 **Inside**
 Press@RunDepth: **53.64 psig @ 4455.00 ft (KB)**
 Capacity: **8000.00 psig**
 Start Date: **2012.09.25** End Date: **2012.09.25**
 Last Calib.: **2012.09.25**
 Start Time: **12:13:01** End Time: **19:36:00**
 Time On Blm: **2012.09.25 @ 14:05:00**
 Time Off Blm: **2012.09.25 @ 17:54:00**

TEST COMMENT: 6" Blow.
 No return.
 6" Blow.
 No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2255.66	112.03	Initial Hydro-static
2	22.27	112.07	Open To Flow (1)
34	37.73	114.77	Shut-In(1)
94	980.10	120.03	End Shut-In(1)
95	38.43	119.70	Open To Flow (2)
140	53.64	123.00	Shut-In(2)
229	803.86	126.96	End Shut-In(2)
229	2157.08	127.29	Final Hydro-static

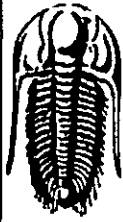
Recovery

Length (ft)	Description	Volume (bbl)
60.00	MCO 40m 60o	0.84
30.00	GO 5g 95o	0.42
0.00	30" Weak GIP	0.00

* 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

S29-15s-25w Trego, KS

1532 S. Peoria Ave.
Tulsa, OK 74120

Deines #1-29

Job Ticket: 48457

DST#: 2

ATTN: Pat Deenihan

Test Start: 2012.09.25 @ 12:13:00

Tool Information

Drill Pipe:	Length: 4426.00 ft	Diameter: 3.80 inches	Volume: 62.09 bbl	Tool Weight: 2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 62.09 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.50 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4448.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	37.50 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			4421.50	
Shut In Tool	5.00			4426.50	
Hydraulic tool	5.00			4431.50	
Jars	5.00			4436.50	
Safety Joint	2.50			4439.00	
Packer	5.00			4444.00	27.50 Bottom Of Top Packer
Packer	4.00			4448.00	
Stubb	1.00			4449.00	
Perforations	6.00			4455.00	
Recorder	0.00	8018	Inside	4455.00	
Recorder	0.00	6751	Outside	4455.00	
Bullnose	3.00			4458.00	10.00 Bottom Packers & Anchor

Total Tool Length: 37.50

Serial #: 8018

Inside Outbreath Oil & Gas

Date: #1-20

DST Test Number: 2

