



KANSAS CORPORATION COMMISSION 1075157
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 # 33936
Name: Griffin, Charles N.
Address 1: PO BOX 347
Address 2: _____
City: PRATT State: KS Zip: 67124 + 0347
Contact Person: Charles N Griffin
Phone: (620) 672-9700
CONTRACTOR: License # 34484
Name: Fossil Drilling, Inc.
Wellsite Geologist: Bruce Reed
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 (Cora, 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>07/09/2011</u>	<u>07/15/2011</u>	<u>07/15/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23733-00-00

Spot Description: _____
SE SW SE NW Sec. 34 Twp. 32 S. R. 12 East West
2780 Feet from North / South Line of Section
3425 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Barber

Lease Name: Randels Well #: 2

Field Name: Toni-Mike

Producing Formation: N/A

Elevation: Ground: 1561 Kelly Bushing: 1569

Total Depth: 5100 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 266 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: 0 ppm Fluid volume: 160 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Bemco LLC

Lease Name: Cole SWD License #: 32613

Quarter NW Sec. 25 Twp. 32 S. R. 12 East West

County: Barber Permit #: D19886

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: Doanna Gerrits Date: 03/01/2012



1075157

Operator Name: Griffin, Charles N. Lease Name: Randels Well #: 2
 Sec. 34 Twp. 32 S. R. 12 East West County: Barber

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

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Compensated Density Neutron Log Dual Induction Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Attached Top Attached Datum Attached
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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	254	Common	200	

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
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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	Griffin, Charles N.
Well Name	Randels 2
Doc ID	1075157

Tops

Lansing	3856	-2287
Stark Shale	4240	-2671
Bottom Kansas City	4325	-2756
Mississippi	4330	-2761
Kinderhook	4601	-3032
Chattanooga	4672	-3103
Viola	4708	-3139
Simpson Sand	4801	-3232
Arbuckle	4919	-3350



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 00000 A

34-325-1.2W

DATE _____ TICKET NO. _____

DATE OF JOB: <u>7-6-11</u> DISTRICT <u>Pratt, Kansas</u>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER <u>Criffin Management</u>		LEASE <u>Randolph</u> WELL NO. <u>2</u>							
ADDRESS		COUNTY <u>Barber</u> STATE <u>Kansas</u>							
CITY		SERVICE CREW <u>Messiah S. Williams</u>							
AUTHORIZED BY		JOB TYPE: <u>C.N.W. - Surface</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<u>30216</u>	<u>.5</u>						<u>7-5-11</u>	<u>PM</u>	<u>5:00</u>
						ARRIVED AT JOB	<u>7-5-11</u>	<u>AM</u>	<u>11:00</u>
<u>33,108-22940</u>	<u>.5</u>					START OPERATION	<u>7-5-11</u>	<u>AM</u>	<u>11:00</u>
						FINISH OPERATION	<u>7-5-11</u>	<u>AM</u>	<u>11:00</u>
<u>14,251-21,010</u>	<u>.5</u>					RELEASED	<u>7-5-11</u>	<u>AM</u>	<u>11:00</u>
						MILES FROM STATION TO WELL	<u>11</u>		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

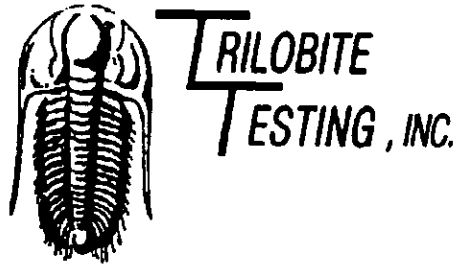
ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CF 100	Cement	ST	100	\$ 33.00	\$ 3,300.00
CF 102	Cellulose	LB	50	\$ 4.00	\$ 200.00
CF 109	Calcium Chloride	LB	200	\$ 1.00	\$ 200.00
CF 153	Wooden Plug 5/8"	EA	1	\$ 1.60	\$ 1.60
E 105	Lubricant	QT	10	\$ 3.00	\$ 30.00
E 104	Heavy Equipment Grease	QT	30	\$ 1.90	\$ 57.00
E 113	Dish Delivery	TR	1	\$ 60.00	\$ 60.00
E 302	Cement Pumping Fluid To 500 Feet	BA	4	\$ 1,000.00	\$ 4,000.00
E 300	Hydraulic Fluid	QT	20	\$ 11.50	\$ 230.00
E 304	Impeller	PC	1	\$ 220.00	\$ 220.00
E 300	Service Equipment	TR	1	\$ 1,100.00	\$ 1,100.00

CHEMICAL / ACID DATA:			

SUB TOTAL		\$ 5,477.60
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE _____ THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____

FIELD SERVICE ORDER NO. _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)



DRILL STEM TEST REPORT

Prepared For: **Charles N.Griffin**

PO Box 347
Pratt KS 67124

ATTN: Bruce Reed

34-32s-12w Barber,KS

Randels #2

Start Date: 2011.07.11 @ 16:25:54

End Date: 2011.07.12 @ 01:35:09

Job Ticket #: 042513 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

ORIGINAL

Printed: 2011.07.21 @ 11:46:53 Page 1

Charles N.Griffin

Randels #2

34-32s-12w Barber,KS

DST # 1

Miss.

2011.07.11



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Charles N.Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber,KS

Job Ticket: 042513 **DST#: 1**

ATTN: Bruce Reed

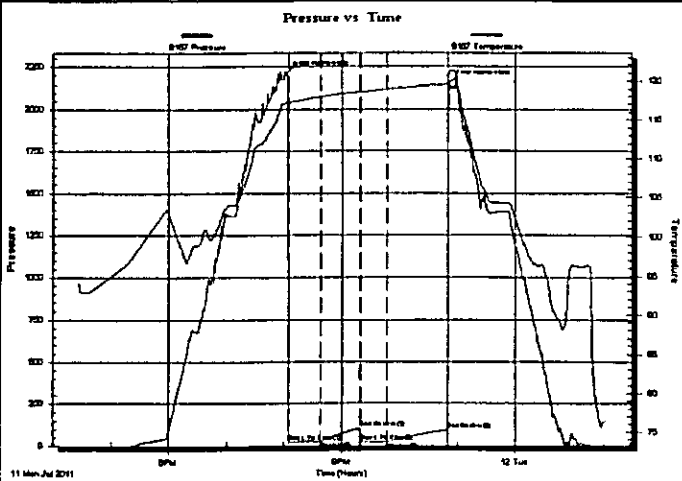
Test Start: 2011.07.11 @ 16:25:54

GENERAL INFORMATION:

Formation: Miss.
 Deviated: No Whipstock ft (KB)
 Time Tool Opened: 20:04:24
 Time Test Ended: 01:35:09
 Interval: 4415.00 ft (KB) To 4450.00 ft (KB) (TVD)
 Total Depth: 4450.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Gary Revoteaux
 Unit No: 56
 Reference Elevations: 1569.00 ft (KB)
 1561.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8167 Inside
 Press@RunDepth: 21.22 psig @ 4416.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.07.11 End Date: 2011.07.12 Last Calib.: 2011.07.12
 Start Time: 16:25:59 End Time: 01:35:09 Time On Btrr: 2011.07.11 @ 20:02:09
 Time Off Btrr: 2011.07.11 @ 22:50:54

TEST COMMENT: IF: Strong blow . B.O.B. in 7 1/2 mins.
 IS: No blow .
 FF: Weak blow . 2 - 4 1/2".
 FS: No blow .



PRESSURE SUMMARY

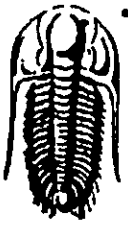
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2209.66	117.22	Initial Hydro-static
3	18.67	116.85	Open To Flow (1)
36	24.09	117.97	Shut-In(1)
77	103.16	118.59	End Shut-In(1)
77	18.87	118.58	Open To Flow (2)
105	21.22	118.99	Shut-In(2)
167	92.48	119.65	End Shut-In(2)
169	2151.22	121.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drig.mud	0.02
0.00	305 ft.of GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charles N. Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber, KS

ATTN: Bruce Reed

Job Ticket: 042513 DST#: 1

Test Start: 2011.07.11 @ 16:25:54

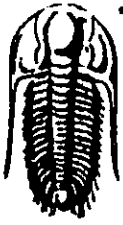
Tool Information

Drill Pipe:	Length: 4291.00 ft	Diameter: 3.80 inches	Volume: 60.19 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 63000.00 lb
			<u>Total Volume: 60.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4415.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	55.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4396.00	
Shut in tool	5.00			4401.00	
HMV	5.00			4406.00	
Packer	4.00			4410.00	20.00 Bottom Of Top Packer
Packer	5.00			4415.00	
Stubb	1.00			4416.00	
Recorder	0.00	8167	Inside	4416.00	
Recorder	0.00	8370	Outside	4416.00	
Perforations	29.00			4445.00	
Bullnose	5.00			4450.00	35.00 Bottom Packers & Anchor
Total Tool Length:	55.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charles N.Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber,KS

Job Ticket: 042513 DST#: 1

ATTN: Bruce Reed

Test Start: 2011.07.11 @ 16:25:54

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:	4500 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

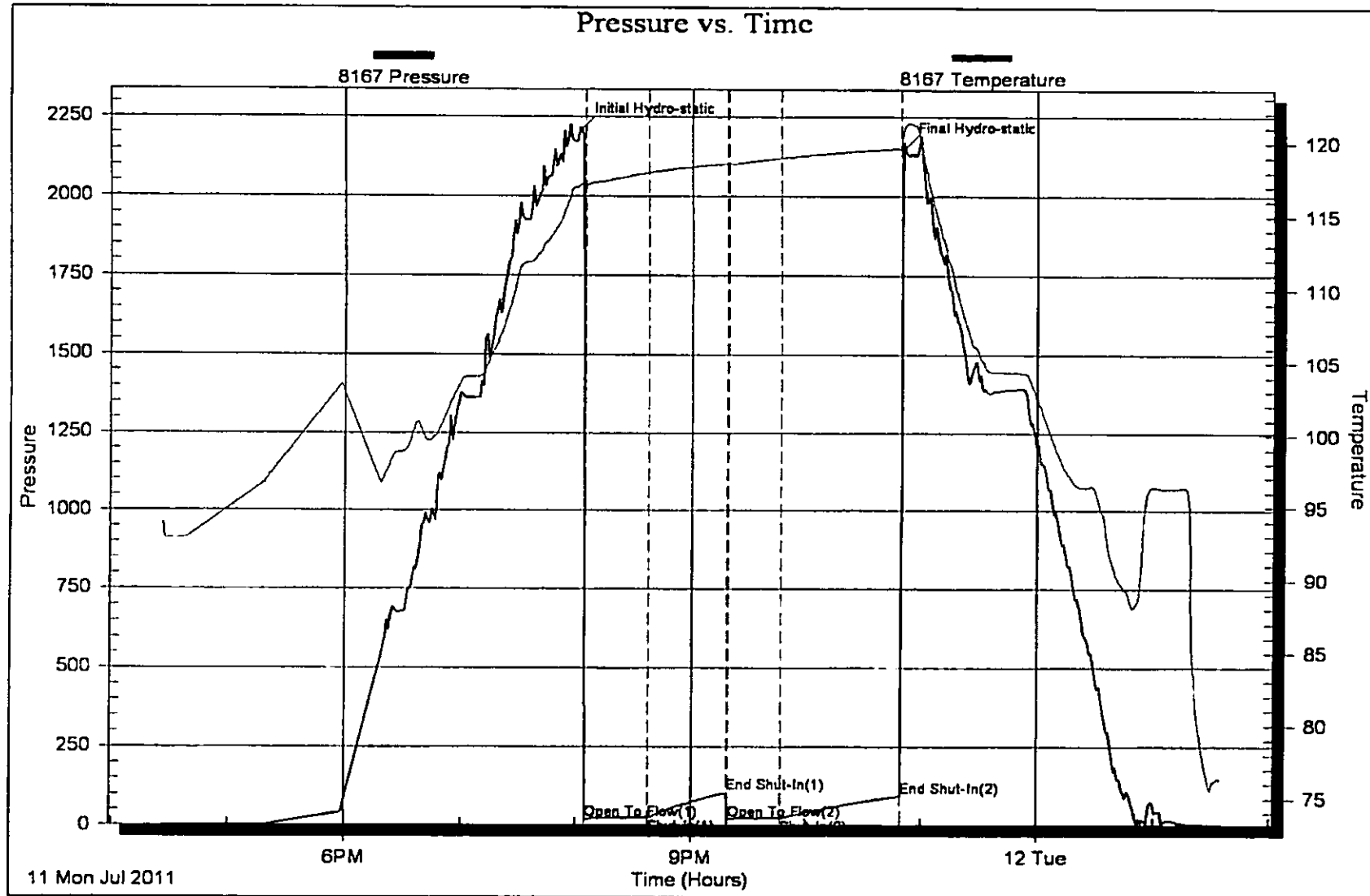
Length ft	Description	Volume bbl
5.00	Drig.mud	0.025
0.00	305 ft.of GIP	0.000

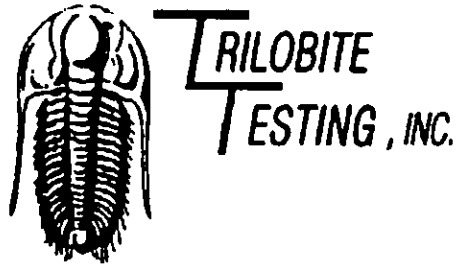
Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Charles N.Griffin**

PO Box 347
Pratt KS 67124

ATTN: Bruce Reed

34-32s-12w Barber,KS

Randels #2

Start Date: 2011.07.13 @ 06:35:31

End Date: 2011.07.13 @ 15:12:46

Job Ticket #: 042514 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

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Charles N.Griffin

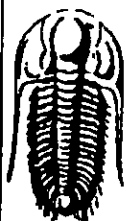
Randels #2

34-32s-12w Barber,KS

DST # 2

Simpson

2011.07.13



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Charles N.Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber,KS

Job Ticket: 042514 DST#: 2

ATTN: Bruce Reed

Test Start: 2011.07.13 @ 06:35:31

GENERAL INFORMATION:

Formation: **Simpson**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 09:42:46
 Time Test Ended: 15:12:46

Test Type: **Conventional Bottom Hole**
 Tester: **Gary Revoteaux**
 Unit No: **56**

Interval: **4786.00 ft (KB) To 4810.00 ft (KB) (TVD)**
 Total Depth: **4810.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1569.00 ft (KB)**
1561.00 ft (CF)
 KB to GR/CF: **8.00 ft**

Serial #: **8167**

Inside

Press@RunDepth: **72.95 psig @ 4787.00 ft (KB)**

Start Date: **2011.07.13**

End Date: **2011.07.13**

Capacity: **8000.00 psig**

Start Time: **06:35:36**

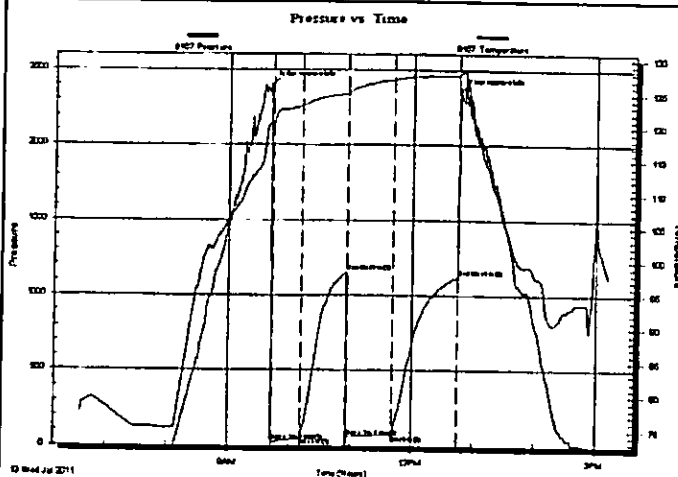
End Time: **15:12:46**

Last Calb.: **2011.07.13**

Time On Btm: **2011.07.13 @ 09:40:16**

Time Off Btm: **2011.07.13 @ 12:46:16**

TEST COMMENT: IF:Strong blow . B.O.B. in 85 secs.
 IS:No blow .
 FF:Strong blow . B.O.B. in 15 secs.
 FS:No blow .



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2398.05	120.48	Initial Hydro-static
3	31.89	120.34	Open To Flow (1)
31	51.20	123.23	Shut-In (1)
76	1152.36	124.97	End Shut-In (1)
76	58.97	124.75	Open To Flow (2)
121	72.95	127.10	Shut-In (2)
185	1123.62	127.70	End Shut-In (2)
186	2356.96	128.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOCMM 13%g 11%o 35% 41%m	0.59
30.00	SOCM 3%o 97%m	0.38
0.00	1975 ft. of GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charles N Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber, KS

ATTN: Bruce Reed

Job Ticket: 042514 DST#: 2

Test Start: 2011.07.13 @ 06:35:31

Tool Information

Drill Pipe:	Length: 4664.00 ft	Diameter: 3.80 inches	Volume: 65.42 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 71000.00 lb
			<u>Total Volume: 66.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4786.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

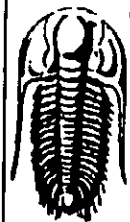
Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4759.00	
Shut in tool	5.00			4764.00	
HMV	5.00			4769.00	
Jars	5.00			4774.00	
Safety Joint	3.00			4777.00	
Packer	4.00			4781.00	28.00 Bottom Of Top Packer
Packer	5.00			4786.00	
Stubb	1.00			4787.00	
Recorder	0.00	8167	Inside	4787.00	
Recorder	0.00	8370	Outside	4787.00	
Perforations	18.00			4805.00	
Bullnose	5.00			4810.00	24.00 Bottom Packers & Anchor

Total Tool Length: 52.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charles N.Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber,KS

Job Ticket: 042514 **DST#: 2**

ATTN: Bruce Reed

Test Start: 2011.07.13 @ 06:35:31

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length:	Water Salinity:	70500 ppm
Viscosity: 49.00 sec/qt	Cushion Volume:		
Water Loss: 9.19 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm m	Gas Cushion Pressure:		
Salinity: 5000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

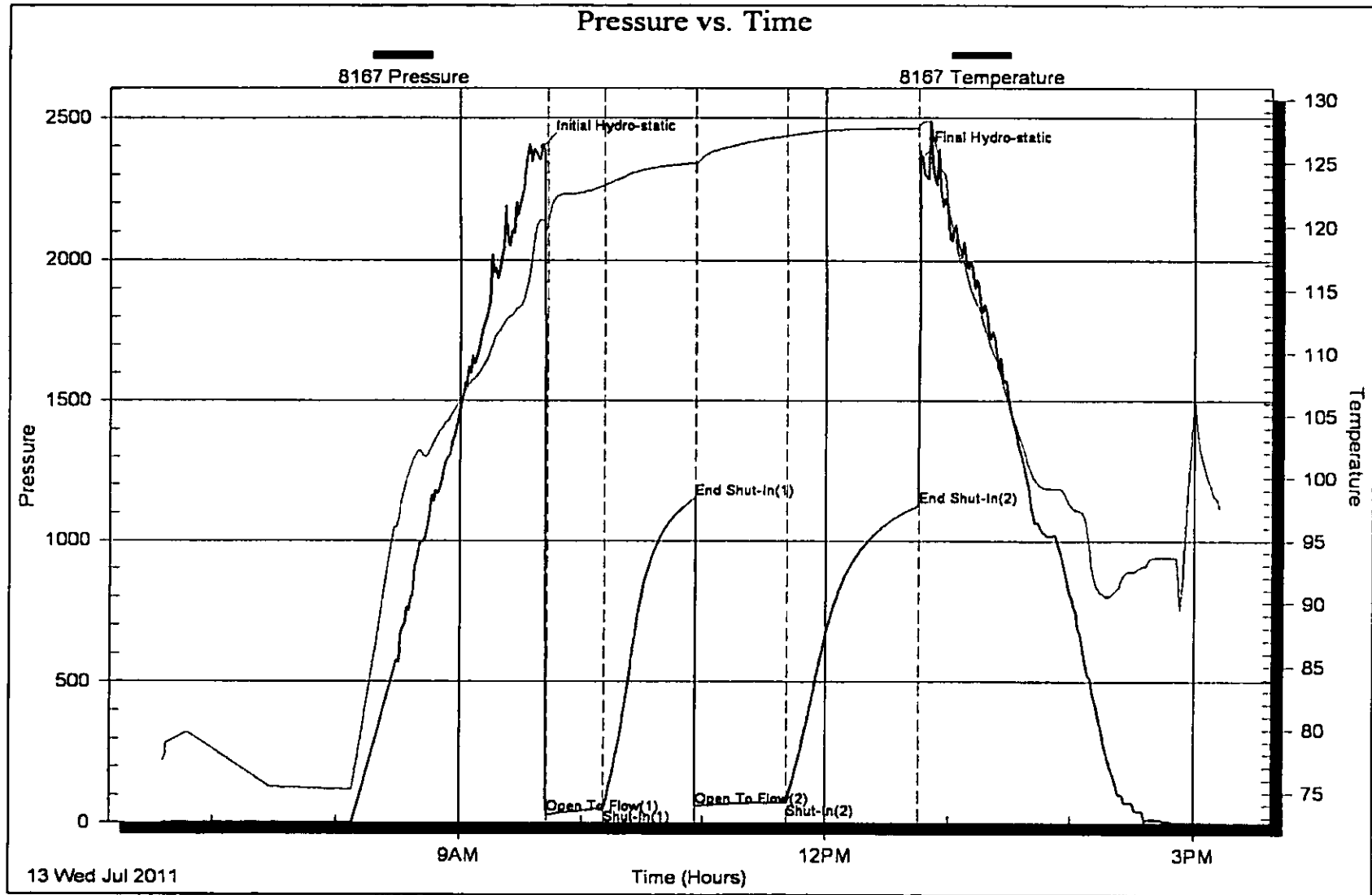
Length ft	Description	Volume bbl
120.00	GOCMM 13%g 11%o 35% 41%m	0.590
30.00	SOOM 3%o 97%m	0.384
0.00	1975 ft.of GIP	0.000

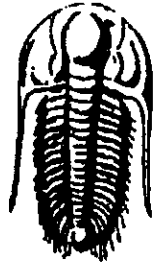
Total Length: 150.00 ft Total Volume: 0.974 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Charles N.Griffin**

PO Box 347
Pratt KS 67124

ATTN: Bruce Reed

34-32s-12w Barber,KS

Randels #2

Start Date: 2011.07.13 @ 23:59:18

End Date: 2011.07.14 @ 07:21:18

Job Ticket #: 042515 DST #: 3

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Charles N.Griffin

Randels #2

34-32s-12w Barber,KS

DST # 3

Simpson

2011.07.13



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Charles N. Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber, KS

ATTN: Bruce Reed

Job Ticket: 042515 DST#: 3

Test Start: 2011.07.13 @ 23:59:18

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:58:03

Time Test Ended: 07:21:18

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4810.00 ft (KB) To 4816.00 ft (KB) (TVD)

Total Depth: 4816.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1569.00 ft (KB)

1561.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8167

Inside

Press@RunDepth: 20.12 psig @ 4811.00 ft (KB)

Start Date: 2011.07.13

End Date:

2011.07.14

Capacity: 8000.00 psig

Last Calib.: 2011.07.14

Start Time: 23:59:23

End Time:

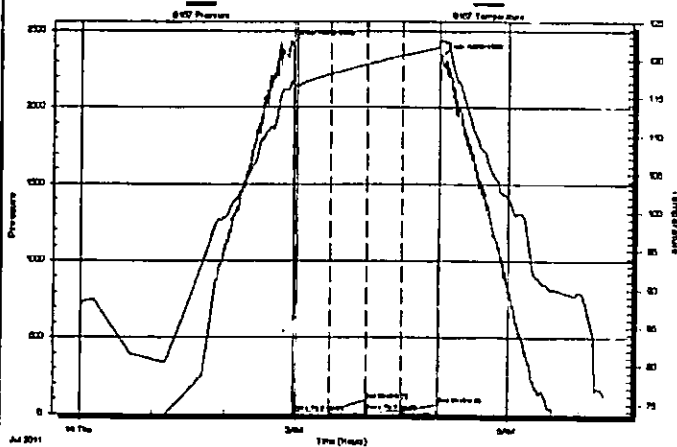
07:21:17

Time On Btm: 2011.07.14 @ 02:55:33

Time Off Btm: 2011.07.14 @ 05:02:33

TEST COMMENT: IF:Weak blow . Slow increase to 4 1/2".
ISL:No blow .
FF:Weak blow . 1 - 3".
FSI:No blow .

Pressure vs Time



PRESSURE SUMMARY

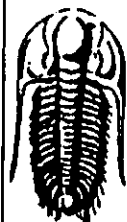
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2418.77	117.09	Initial Hydro-static
3	12.70	116.50	Open To Flow (1)
33	16.80	118.05	Shut-In(1)
64	91.70	119.35	End Shut-In(1)
64	15.33	119.36	Open To Flow (2)
94	20.12	120.54	Shut-In(2)
126	64.07	121.65	End Shut-In(2)
127	2333.15	122.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM20%o 80%myClean oil@ top of tool	0.15
0.00	90 ft.of GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charles N.Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber,KS

ATTN: Bruce Reed

Job Ticket: 042515 **DST#: 3**

Test Start: 2011.07.13 @ 23.59.18

Tool Information

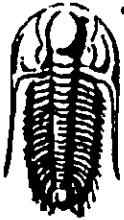
Drill Pipe:	Length: 4664.00 ft	Diameter: 3.80 inches	Volume: 65.42 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: 66.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4810.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	6.00 ft			
Tool Length:	34.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4783.00	
Shut in tool	5.00			4788.00	
HMV	5.00			4793.00	
Jars	5.00			4798.00	
Safety Joint	3.00			4801.00	
Packer	4.00			4805.00	28.00 Bottom Of Top Packer
Packer	5.00			4810.00	
Stubb	1.00			4811.00	
Recorder	0.00	8167	Inside	4811.00	
Recorder	0.00	8370	Outside	4811.00	
Bullnose	5.00			4816.00	6.00 Bottom Packers & Anchor

Total Tool Length: 34.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charles N.Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber,KS

Job Ticket: 042515

DST#: 3

ATTN: Bruce Reed

Test Start: 2011.07.13 @ 23:59:18

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

5000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OCM 20%o 80%mf Clean oil@ top of tool	0.148
0.00	90 ft.of GIP	0.000

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

