



KANSAS CORPORATION COMMISSION 1096728
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/TerraTech Energy LLC

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

<u>06/05/2012</u>	<u>06/14/2012</u>	<u>07/27/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23884-00-00

Spot Description: NW/4 SWSNWNW

SW SE NW NW Sec. 34 Twp. 32 S. R. 12 East West

4135 Feet from North / South Line of Section

4550 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Barber

Lease Name: Dillman Ash Well #: 5

Field Name: Toni-Mike

Producing Formation: Simpson Sand

Elevation: Ground: 1550 Kelly Bushing: 1558

Total Depth: 4890 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 264 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 cml.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 4000 ppm Fluid volume: 1080 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 #: D-19886

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 Garris Date: 11/21/2012



1096728

Operator Name: Griffin, Charles N. Lease Name: Dillman Ash Well #: 5
 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 <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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lansing	3848	-2290
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Stark Shale	4226	-2668
Electric Log Submitted Electronically <i>(If no. Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Mississippi	4402	-2844
List All E. Logs Run:		Kinderhook	4589	-3031
Compensated Density Neutron Dual Induction		Chattanooga	4658	-3100
		Viola	4793	-3135
		Simpson Sand	4789	-3231

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	264	Common	200	
Production	7.875	5.5	15.5	4884	AA2	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
3	4406-4426	3000 gal 10% HCL	
		10,023 Slick Water	4406
		197 400# Sand	

TUBING RECORD:	Size: <u>2.875</u>	Set At: <u>4769</u>	Packer At: <u>4775</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. <u>08/04/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls. <u>8</u>	Gas Mcf <u>25</u>	Water Bbls. <u>240</u>	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: <u>4406-4426</u>
	<input type="checkbox"/> Other <i>(Specify)</i> _____	



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 05900 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>6-15-12</u> DISTRICT <u>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>GRIFFIN MANAGEMENT</u>		LEASE <u>Dillman A26 E.S</u> WELL NO.				
ADDRESS		COUNTY <u>Baker 34-32-12</u> STATE <u>Ks.</u>				
CITY STATE		SERVICE CREW <u>Allen, Robert, Dale</u>				
AUTHORIZED BY		JOB TYPE: <u>5 1/2 L.S.</u> <u>CRW</u>				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED <u>6-14-12</u> DATE AM PM TIME <u>2:30</u>
<u>28493 P11</u>	<u>23</u>					ARRIVED AT JOB <u>6-14-12</u> AM PM TIME <u>9:00</u>
<u>33708 20920</u>	<u>23</u>					START OPERATION <u>6-15-12</u> AM PM TIME <u>5:00</u>
<u>19826 4918</u>	<u>23</u>					FINISH OPERATION <u>6-15-12</u> AM PM TIME <u>4:00</u>
						RELEASED <u>6-15-12</u> AM PM TIME <u>5:00</u>
						MILES FROM STATION TO WELL <u>46 miles</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
CP105	AA2 Cement	SK	200		\$ 5400 00
CP105	AA2 Cement	SK	50		\$ 650 00
CC102	Cell FIAKE	lb	63		\$ 223 10
CC111	SALT	lb	1141		\$ 570 50
CC112	Cement Friction Reducer	lb	118		\$ 208 00
CC115	C-44	lb	225		\$ 1210 20
CC201	Gilsooite	lb	1200		\$ 837 50
CT607	Latch Down Plug & Buffer 5/2	EA	1		\$ 400 00
CF1251	Auto Fill Plug Shoe 3/2 Blue	EA	1		\$ 360 00
CF1651	Turbolizer 3/2 Blue	EA	7		\$ 270 00
CF1901	5/2 BASKET Blue	EA	1		\$ 290 00
C704	CLA-MAX KCL sub	gal	5		\$ 210 00
CC151	MAR 11-154	gal	500		\$ 430 00

SUB TOTAL

DLS

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$

TOTAL

SERVICE REPRESENTATIVE <u>Robert Allen</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u>
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(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 06273 A

DATE _____ TICKET NO. _____

DATE OF JOB 6-6-12		DISTRICT C-117		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 Griffin Management				LEASE Dillman Ash		54		WELL NO.		
ADDRESS				COUNTY Sullivan		STATE				
CITY		STATE		SERVICE CREW Melson Young L-2-L-2						
AUTHORIZED BY				JOB TYPE: 8" 1" LHW						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
19403-19405	2						6-6-12			11:11
19531-19502	2						6-6-12			12:30
37596	2						6-6-12			3:15
							6-6-12			4:30
							6-6-12			5:15
						MILES FROM STATION TO WELL		40		

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	
CP 1000	Common Cement	SK	200		3,200.00	
CC 102	Collignite	lb	50		794.50	
CC 109	Calcium Chloride	lb	376		374.50	
CF 153	Wood Cement	sq	1		160.00	
E 100	Pickup Mileage	mi	40		170.00	
E 101	Heavy Mileage	mi	50		560.00	
E 113	Extra Fuel Usage	PM	376		601.60	
CE 200	Drilling Charge	4hr	1		1,000.00	
CE 40	Mixing Charge	SK				
CE 514	Flag Container	JOB	1		250.00	
S 003	Surf Viscer	sq	1		175.00	
					SUB TOTAL	5,581.10
					DLS	5,581.10

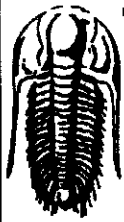
CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

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

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Charles N Griffin

34-32s-12w Barber, KS

PO Box 347
Pratt, KS 67124

Dillman Ash #5

Job Ticket: 47498 DST#: 1

ATTN: Bruce Reed

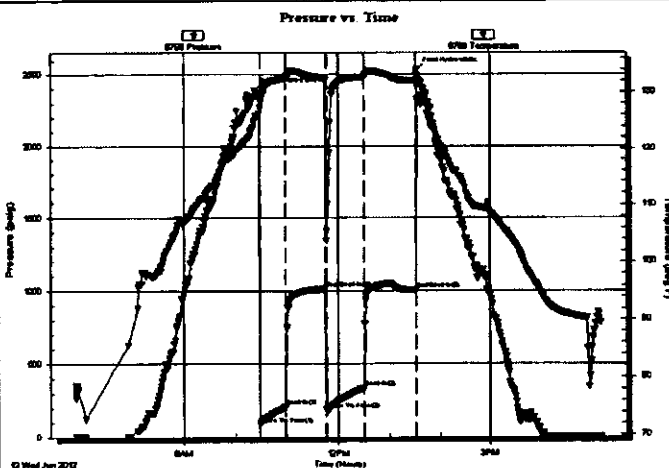
Test Start: 2012.06.13 @ 06:52:00

GENERAL INFORMATION:

Formation: **Simpson Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:28:45
 Time Test Ended: 17:13:15
 Interval: **4780.00 ft (KB) To 4810.00 ft (KB) (TVD)**
 Total Depth: **4810.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Leal Cason
 Unit No: 45
 Reference Elevations: 1552.00 ft (KB)
 1542.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6798 Inside
 Press@RunDepth: 337.06 psig @ 4781.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.06.13 End Date: 2012.06.13 Last Calib.: 2012.06.13
 Start Time: 06:52:01 End Time: 17:13:15 Time On Btm: 2012.06.13 @ 10:22:30
 Time Off Btm: 2012.06.13 @ 13:31:30

TEST COMMENT: IF: Strong Blow, BOB in 90 seconds, GTS in 18 minutes, TSTM
 IS: BOB Blow Back in 24 minutes
 FF: Strong Blow, BOB & GTS Immediate, Gauged Gas
 FS: BOB Blow Back in 40 minutes



PRESSURE SUMMARY

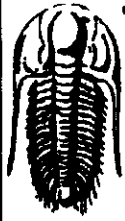
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2390.45	125.08	Initial Hydro-static
7	84.92	127.18	Open To Flow (1)
37	209.35	132.39	Shut-In(1)
83	1015.86	132.23	End Shut-In(1)
85	184.79	105.40	Open To Flow (2)
128	337.06	132.53	Shut-In(2)
189	1005.30	131.99	End Shut-In(2)
189	2529.98	132.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4110 GIP	0.00
380.00	Water	3.92
120.00	GOMCW 10%G 5%O 40%M 45%W	1.68
140.00	GOWCM 10%G 5%O 5%W 80%M	1.96

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	17.00	11.75
Last Gas Rate	0.13	16.00	11.38
Max. Gas Rate	0.13	18.00	12.13



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charles N Griffin

34-32s-12w Barber,KS

PO Box 347
Pratt, KS 67124

Dillman Ash #5

Job Ticket: 47498

DST#: 1

ATTN: Bruce Reed

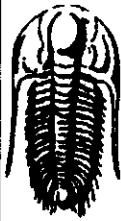
Test Start: 2012.06.13 @ 06:52:00

Tool Information

Drill Pipe:	Length: 4610.00 ft	Diameter: 3.80 inches	Volume: 64.67 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 155.00 ft	Diameter: 2.25 inches	Volume: 0.76 bbl	Weight to Pull Loose: 65000.00 lb
			Total Volume: 65.43 bbl	Tool Chased ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4780.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	57.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4758.00	
Hydraulic tool	5.00			4763.00	
Jars	5.00			4768.00	
Safety Joint	2.00			4770.00	
Packer	5.00			4775.00	27.00 Bottom Of Top Packer
Packer	5.00			4780.00	
Stubb	1.00			4781.00	
Recorder	0.00	6798	Inside	4781.00	
Recorder	0.00	8367	Outside	4781.00	
Perforations	26.00			4807.00	
Bullnose	3.00			4810.00	30.00 Bottom Packers & Anchor

Total Tool Length: 57.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charles N Griffin

34-32s-12w Barber, KS

PO Box 347
Pratt, KS 67124

Dillman Ash #5

Job Ticket: 47498

DST#: 1

ATTN: Bruce Reed

Test Start: 2012.06.13 @ 06:52:00

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:

85000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	4110 GIP	0.000
380.00	Water	3.918
120.00	GOMCW 10%G 5%O 40%M 45%W	1.683
140.00	GOWCM 10%G 5%O 5%W 80%M	1.964

Total Length: 640.00 ft Total Volume: 7.565 bbl

Num Fluid Samples: 0

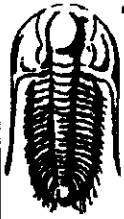
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW was .08 @ 82 degrees



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Charles N Griffin

34-32s-12w Barber, KS

PO Box 347
Pratt, KS 67124

Dillman Ash #5

Job Ticket: 47498

DST#: 1

ATTN: Bruce Reed

Test Start: 2012.06.13 @ 06:52:00

Gas Rates Information

Temperature: 59 (deg F)

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

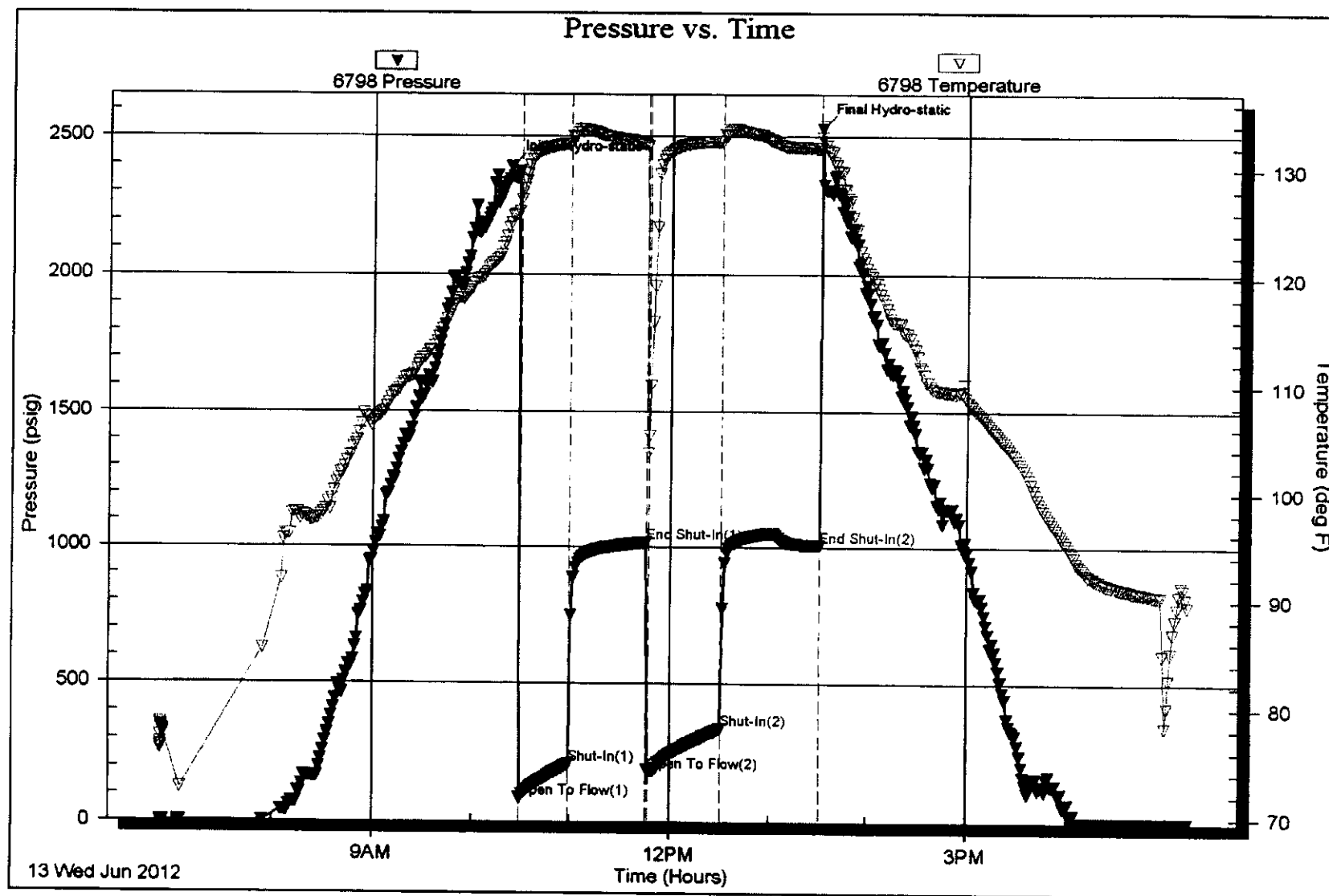
Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	10	0.13	17.00	11.75
2	10	0.13	17.00	11.75
2	20	0.13	18.00	12.13
2	30	0.13	16.00	11.38
2	40	0.13	16.00	11.38

Serial #: 6798

Inside Charles N Griffin

Dilman Ash #5

DST Test Number: 1

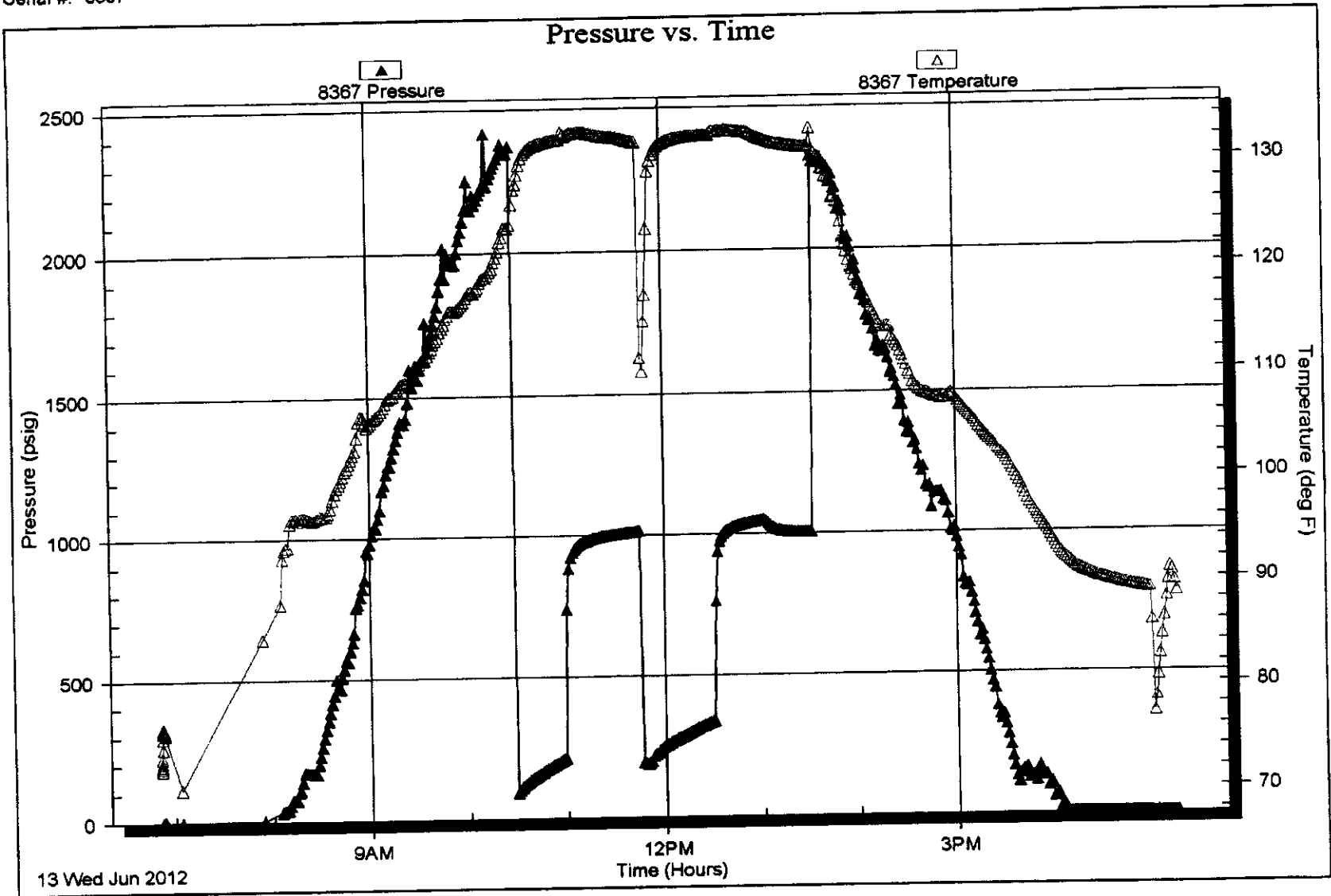


Serial #: 8367

Outside Charles N Griffin

Dillman Ash #5

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 1733 - Hays, Kansas 67601

Test Ticket

NO. 47498

Well Name & No. Dillman Ash 5 Test No. 1 Date 06/13/12
 Company Charles N. Griffin Elevation 1552 KB 1542 GL
 Address PO Box 347 Pratt, KS 67124
 Co. Rep/Geo. Bruce Reed Rig Fossil 2
 Location: Sec. 34 Twp. 32S Rge. 12W Co. Barber State KS

Interval Tested 4780 - 4810 Zone Tested Simpson Sand
 Anchor Length 30 Drill Pipe Run 4610 Mud Wt. 9.2
 Top Packer Depth 4775 Drill Collars Run 155 Vis 47
 Bottom Packer Depth 4780 Wt. Pipe Run 0 WL 8-8
 Total Depth 4810 Chlorides 4006 ppm System LCM 2

Blow Description IF Strong Blow, BOB in 90 seconds, GTS in 18 minutes, TSTM
DSI: BOB Blowback in 24 minutes
FE: Strong Blow, BOB + GTS Immediate, Gauged Gas
ESI: BOB Blow Back in 40 minutes

Rec	Feet of	%gas	%oil	%water	%mud
<u>4110</u>	<u>Feet of GIP</u>				
<u>140</u>	<u>Feet of GOC MW</u>	<u>10</u>	<u>5</u>	<u>5</u>	<u>80</u>
<u>120</u>	<u>Feet of GOMCW</u>	<u>10</u>	<u>5</u>	<u>45</u>	<u>40</u>
<u>380</u>	<u>Feet of Water</u>				

Rec Total 640 DIIT 1310 Gravity NIC API RW .08 @ 82 °F Chlorides 85000 ppm
 Test 1250 T-On Location 05:30
 Jars 250 T-Started 06:52
 Safety Joint 75 T-Open 10:28
 Circ Sub T-Pulled 13:31
 Hourly Standby 1.75h 175 T-Out 17:13
 Mileage (80) 124 Comments _____
 Sampler _____
 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1874 MP/DST Disc't _____

(A) Initial Hydrostatic 2390
 (B) First Initial Flow 85
 (C) First Final Flow 209
 (D) Initial Shut-In 101500
 (E) Second Initial Flow 185
 (F) Second Final Flow 337
 (G) Final Shut-In 1005
 (H) Final Hydrostatic 2530

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60

Approved By Bruce Reed 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.

