



KANSAS CORPORATION COMMISSION 1096765  
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 # 8247  
Name: Hembree, Robert F  
Address 1: PO BOX 542  
Address 2: \_\_\_\_\_  
City: NESS CITY State: KS Zip: 67560 + 0542  
Contact Person: Fred J. Hembree  
Phone: ( 620 ) 802-7960  
CONTRACTOR: License # 5123  
Name: Pickrell Drilling Company, Inc.  
Wellsite Geologist: Jim Musgrove  
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>5/04/2012</u>	<u>5/15/2012</u>	<u>5/15/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-135-25370-00-00

Spot Description: \_\_\_\_\_  
E2 E2 SW SW Sec. 35 Twp. 18 S. R. 24  East  West  
660 Feet from  North /  South Line of Section  
1174 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Ness

Lease Name: Schwartzkopf 'K' Well #: 1

Field Name: McDonald Northeast

Producing Formation: Mississippi

Elevation: Ground: 2312 Kelly Bushing: 2320

Total Depth: 4343 Plug Back Total Depth: 0

Amount of Surface Pipe Set and Cemented at: 225 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: 25000 ppm Fluid volume: 960 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: Robert F. Hembree

Lease Name: Parker License #: 8247

Quarter NW Sec. 25 Twp. 18 S. R. 24  East  West

County: Ness Permit #: D30634

**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: 10/16/2012



1096765

Operator Name: Hembree, Robert F Lease Name: Schwartzkopf 'K' Well #: 1  
 Sec. 35 Twp. 18 S. R. 24  East  West County: Ness

**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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" 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	225	Class A Commor	150	2%gel, 3%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 <i>(Explain)</i> _____	
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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Form	ACO1 - Well Completion
Operator	Hembree, Robert F
Well Name	Schwartzkopf 'K' 1
Doc ID	1096765

Tops

T/Anhydrite	1585	+735
B/Anhydrite	1610	+710
Topeka	3377	-1057
Heebner	3699	-1379
Toronto	3720	-1400
Lansing	3741	-1421
B/KC	4052	-1732
Marmaton	4082	-1762
Pawnee	4159	-1839
Ft. Scott	4236	-1916
Mississippian	4331	-2011
RTD	4343	-2023



# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 131098

Invoice Date: May 4, 2012

Voice: (817) 546-7282

Page: 1

Fax: (817) 246-3361



<b>Bill To:</b>
Robert F. Hembree P O Box 542 Ness City, KS 67560

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Hem	Swartzkopf K-1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	May 4, 2012	6/3/12

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	16.25	2,437.50
3.00	MAT	Gel	21.25	63.75
5.00	MAT	Chloride	58.20	291.00
162.90	SER	Handling	2.10	342.09
37.00	SER	Ton Miles	2.35	86.95
1.00	SER	Surface	1,125.00	1,125.00
5.00	SER	Heavy Vehicle Mileage	7.00	35.00
5.00	SER	Light Vehicle Mileage	4.00	20.00
1.00	EQUIP OPER	Greg Redetzke		
1.00	EQUIP OPER	Kevin Eddy		
1.00	EQUIP OPER	Joel Monahan		

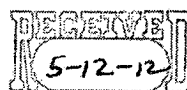
Subtotal	4,401.29
Sales Tax	175.91
Total Invoice Amount	4,577.20
Payment/Credit Applied	
<b>TOTAL</b>	<b>4,577.20</b>

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

\$ 880.25

ONLY IF PAID ON OR BEFORE

May 29, 2012



< 880.25 >  
# 3696.95





# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 131179

Invoice Date: May 15, 2012

Voice: (817) 546-7282

Page: 1

Fax: (817) 246-3361



**Bill To:**  
Robert F. Hembree  
P O Box 542  
Ness City, KS 67560

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Hem	Schwartzkopf #1 "K"	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Great Bend	May 15, 2012	6/14/12

Quantity	Item	Description	Unit Price	Amount
144.00	MAT	Class A Common	16.25	2,340.00
96.00	MAT	Pozmix	8.50	816.00
8.00	MAT	Gel	21.25	170.00
60.00	MAT	FloSeal	2.70	162.00
257.76	SER	Handling	2.10	541.30
5.00	SER	Ton Miles	25.29	126.43
1.00	SER	Rotary Plug	1,250.00	1,250.00
5.00	SER	Heavy Vehicle Mileage	7.00	35.00
5.00	SER	Light Vehicle Mileage	4.00	20.00
1.00	EQUIP OPER	Greg Redetzke		
1.00	EQUIP OPER	Kevin Eddy		
1.00	EQUIP OPER	Joel Monahan		

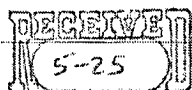
Subtotal	5,460.73
Sales Tax	344.03
Total Invoice Amount	5,804.76
Payment/Credit Applied	
<b>TOTAL</b>	<b>5,804.76</b>

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

\$ 1092.14

ONLY IF PAID ON OR BEFORE

Jun 9, 2012



- 1092.14  
4,712.62

# ALLIED OIL & GAS SERVICES, LLC 053535

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Grant Boro, KS

DATE <u>5-15-12</u>	SEC. <u>75</u>	TWP <u>18</u>	RANGE <u>211</u>	CALLED OUT	ON LOCATION	JOB START <u>11:00am</u>	JOB FINISH <u>9:00am</u>
LEASE <u>Schwartzkopf</u>		WELL # <u>1</u>	LOCATION <u>West City, KS Locust</u>		COUNTY <u>NEOSHO</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>3/4 south, east into</u>				

CONTRACTOR <u>Dickrell #10</u>	OWNER <u>Robert Hembre</u>
TYPE OF JOB <u>Rotary Plug</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>4313</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

CEMENT			
AMOUNT ORDERED	<u>240 sks</u>	<u>6 1/4</u>	
	<u>4 1/2 gal</u>	<u>24 gal</u>	<u>2 gal</u>
COMMON	<u>144</u>	@ <u>16.25</u>	<u>2,340.00</u>
POZMIX	<u>96</u>	@ <u>8.50</u>	<u>816.00</u>
GEL	<u>8</u>	@ <u>21.25</u>	<u>170.00</u>
CHLORIDE		@	
ASC		@	
<u>Flt Seal</u>	<u>60</u>	@ <u>2.70</u>	<u>162.00</u>
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>257.76</u>	@ <u>2.10</u>	<u>541.28</u>
MILEAGE	<u>10.76 x 5</u>	@ <u>2.35</u>	<u>126.43</u>
TOTAL			<u>4,155.72</u>

**EQUIPMENT**

PUMP TRUCK	CEMENTER	<u>Greg R</u>
# <u>366</u>	HELPER	<u>Kevin E</u>
BULK TRUCK		
# <u>482-112</u>	DRIVER	<u>Jason</u>
BULK TRUCK		
#	DRIVER	

**REMARKS:**

1st plug mix 50 sks @ 159.00  
2nd plug mix 50 sks @ 81.00  
3rd plug mix 50 sks @ 450.00  
4th plug mix 40 sks @ 210.00  
5th plug mix 20 sks @ 60.00

Flt 30 sks @ 2.70

CHARGE TO: Robert Hembre

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB	<u>1590</u>	
PUMP TRUCK CHARGE		<u>1250.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>Hum 5</u>	@ <u>7.00</u> <u>35.00</u>
MANIFOLD	@	
	<u>Hum 5</u>	@ <u>4.00</u> <u>20.00</u>
	@	
TOTAL		<u>1305.00</u>

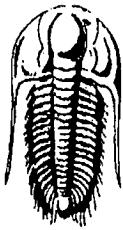
To: Allied Oil & Gas Services, LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Mike Kern

SIGNATURE Mike Kern

**PLUG & FLOAT EQUIPMENT**

	@	
	@	
	@	
	@	
	@	
TOTAL		
SALES TAX (If Any) _____		
TOTAL CHARGES	<u>5,460.72</u>	
DISCOUNT	<u>20% 1,092.14</u>	
IF PAID IN 30 DAYS		<u>4,368.58</u>



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Robert F Hembree

35-18s 24 Ness KS

#1 Schwartzkopf K

Job Ticket: 47029

DST#: 1

ATTN: Fred Hembree

Test Start: 2012.05.13 @ 01:55:57

## GENERAL INFORMATION:

Formation: **Fort Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:08:57

Time Test Ended: 08:59:57

Test Type: Conventional Bottom Hole (Initial)

Tester: Paul Simpson

Unit No: 64

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

Total Depth: 4261.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2320.00 ft (KB)

2313.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8788

Press@RunDepth: 32.47 psig @ ft (KB)

Start Date: 2012.05.13

End Date: 2012.05.13

Capacity: 8000.00 psig

Start Time: 01:56:02

End Time: 08:59:56

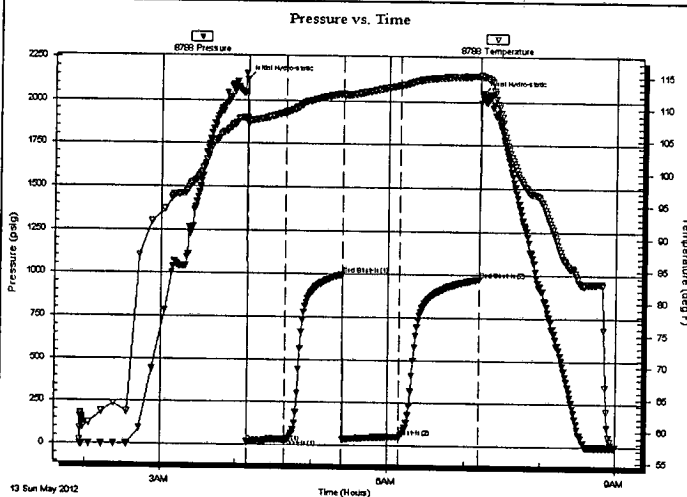
Last Calib.: 1899.12.30

Time On Btm: 2012.05.13 @ 04:08:27

Time Off Btm: 2012.05.13 @ 07:12:57

TEST COMMENT: IF- weak blow built to 2"

FF- weak blow built to 5" no blow on either shutin



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2120.46	108.37	Initial Hydro-static
1	14.92	107.40	Open To Flow (1)
31	32.47	109.29	Shut-In(1)
76	997.59	112.24	End Shut-In(1)
121	52.96	113.53	Shut-In(2)
183	975.43	115.09	End Shut-In(2)
185	2044.76	115.07	Final Hydro-static

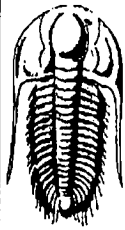
## Recovery

Length (ft)	Description	Volume (bbl)
20.00	watery mud 30% w 70% mud	0.28
60.00	oil specked mud w ith clean oil on top	0.84
0.00	Rw .135 @ 65 = 60000	0.00

## Gas Rates

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





**TRILOBITE**  
TESTING, INC.

## DRILL STEM TEST REPORT

FLUID SUMMARY

Robert F Hembree

35-18s 24 Ness KS

#1 Schwartzkoph K

Job Ticket: 47029

DST#: 1

ATTN: Fred Hembree

Test Start: 2012.05.13 @ 01:55:57

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: lb/gal

Viscosity: 52.00 sec/qt

Water Loss: in<sup>3</sup>

Resistivity: ohm.m

Salinity: ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 60000 ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	w atery mud 30% w 70% mud	0.281
60.00	oil specked mud with clean oil on top	0.842
0.00	Rw .135 @ 65 = 60000	0.000

Total Length: 80.00 ft      Total Volume: 1.123 bbl

Num Fluid Samples: 0

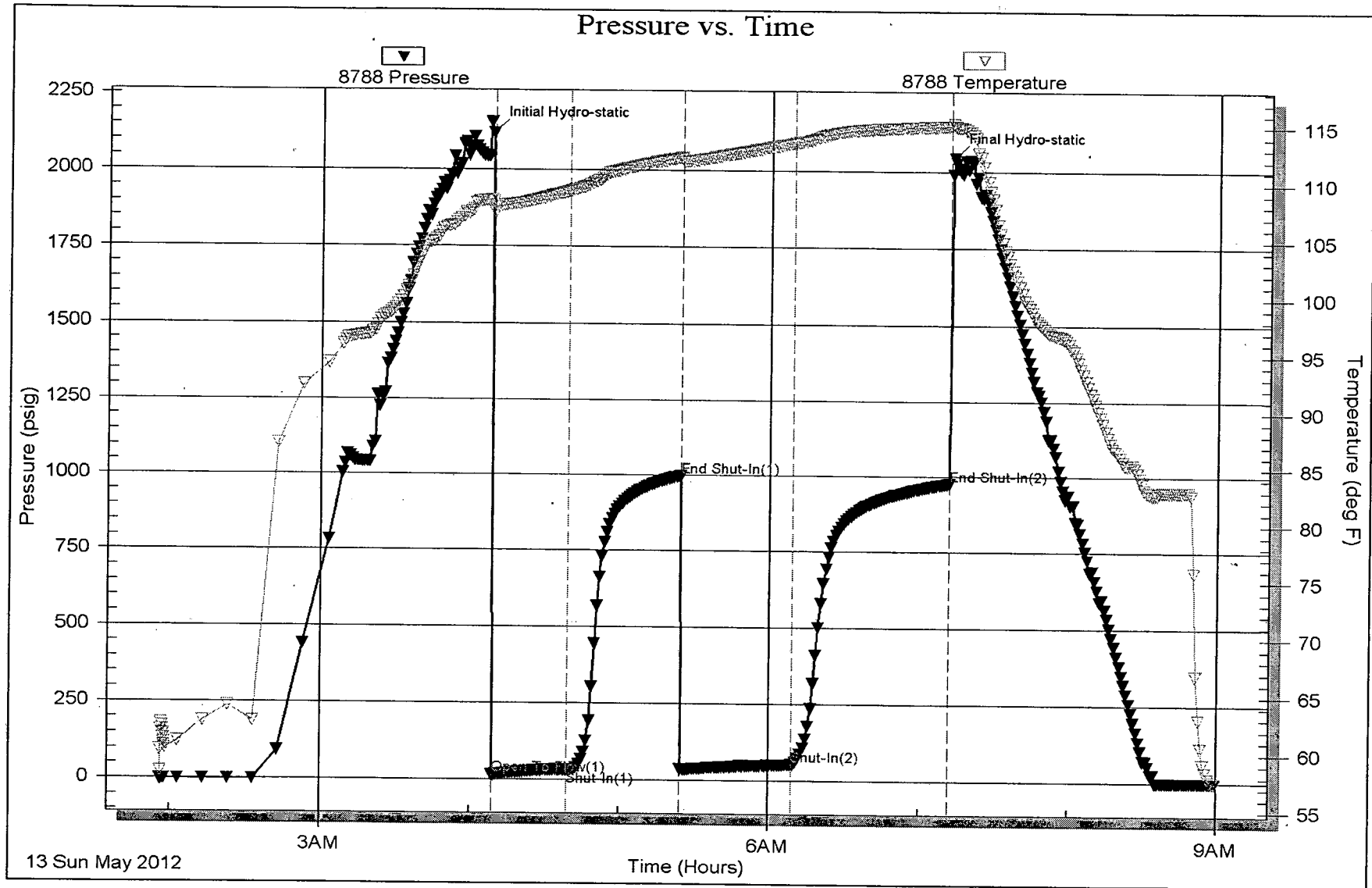
Num Gas Bombs: 0

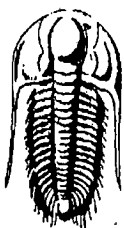
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: clean water in hyd tool





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Robert F Hembree  
Box 542  
Ness City KS  
ATTN: Fred Hembree

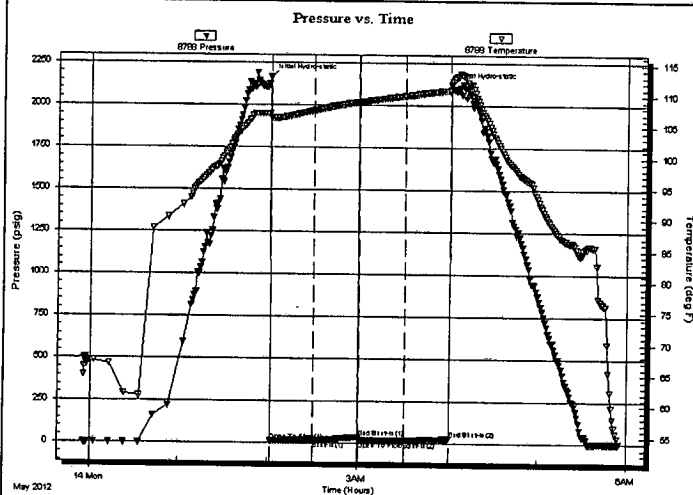
**35-18s 24 Ness KS**  
**#1 Schwartzkopf K**  
Job Ticket: 47030      **DST#: 2**  
Test Start: 2012.05.13 @ 23:55:58

## GENERAL INFORMATION:

Formation: **Miss**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 02:01:53  
Time Test Ended: 05:54:52  
Interval: **4302.00 ft (KB) To 4338.00 ft (KB) (TVD)**  
Total Depth: 4338.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches      Hole Condition: Good  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Paul Simpson  
Unit No: 64  
Reference Elevations: 2320.00 ft (KB)  
2313.00 ft (CF)  
KB to GR/CF: 7.00 ft

**Serial #: 8788      Inside**  
Press@RunDepth: 15.13 psig @ 4303.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2012.05.13      End Date: 2012.05.14      Last Calib.: 2012.01.04  
Start Time: 23:55:58      End Time: 05:54:52      Time On Btm: 2012.05.14 @ 02:01:23  
Time Off Btm: 2012.05.14 @ 04:01:23

TEST COMMENT: IF weak blow built to 3/4"  
FF- no blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2162.01	107.13	Initial Hydro-static
1	13.04	106.26	Open To Flow (1)
29	15.10	107.55	Shut-In(1)
59	36.47	108.94	End Shut-In(1)
60	14.89	108.94	Open To Flow (2)
90	15.13	109.92	Shut-In(2)
120	27.72	110.85	End Shut-In(2)
120	2115.73	111.82	Final Hydro-static

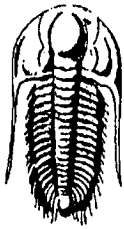
## Recovery

Length (ft)	Description	Volume (bbl)
6.00	oil specked mud	0.08
4.00	clean oil	0.06

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

FLUID SUMMARY

Robert F Hembree

35-18s 24 Ness KS

Box 542  
Ness City KS

#1 Schwartzkopf K

Job Ticket: 47030

DST#: 2

ATTN: Fred Hembree

Test Start: 2012.05.13 @ 23:55:58

## 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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.16 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
6.00	oil specked mud	0.084
4.00	clean oil	0.056

Total Length: 10.00 ft

Total Volume: 0.140 bbl

Num Fluid Samples: 0

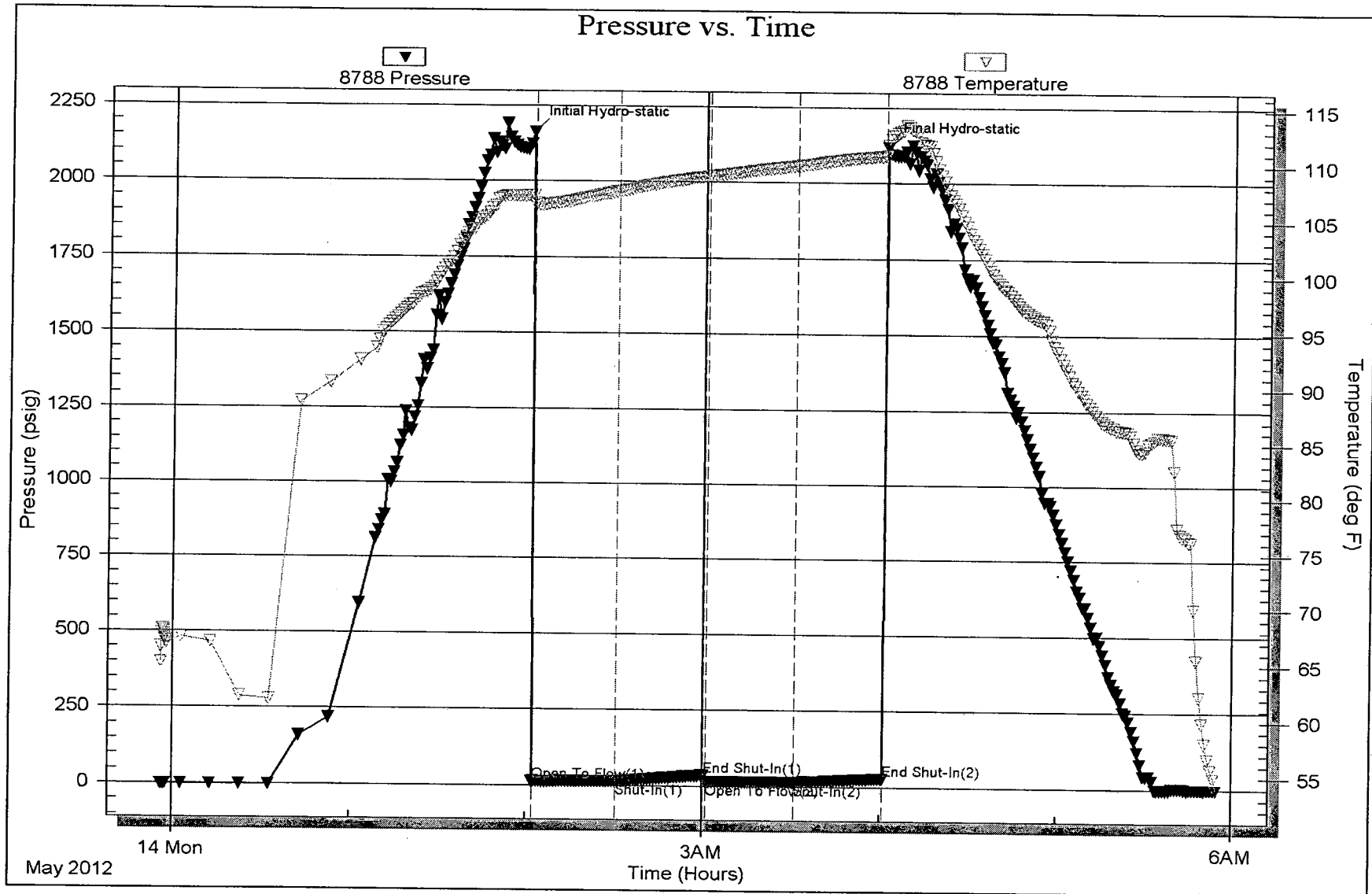
Num Gas Bombs: 0

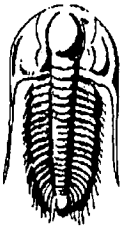
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Robert F Hembree

**35-18s 24 Ness KS**

Box 542  
Ness City KS

**#1 Schwartzkopf K**

Job Ticket: 47031

**DST#: 3**

ATTN: Fred Hembree

Test Start: 2012.05.14 @ 14:39:54

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:42:24

Time Test Ended: 21:01:54

Test Type: Conventional Bottom Hole (Reset)

Tester: Paul Simpson

Unit No: 64

Interval: **4300.00 ft (KB) To 4343.00 ft (KB) (TVD)**

Total Depth: 4343.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2320.00 ft (KB)

2313.00 ft (CF)

KB to GR/CF: 7.00 ft

**Serial #: 8788**

**Inside**

Press@RunDepth: 16.51 psig @ 4304.00 ft (KB)

Start Date: 2012.05.14

End Date:

2012.05.14

Capacity: 8000.00 psig

Start Time: 14:39:59

End Time:

21:01:53

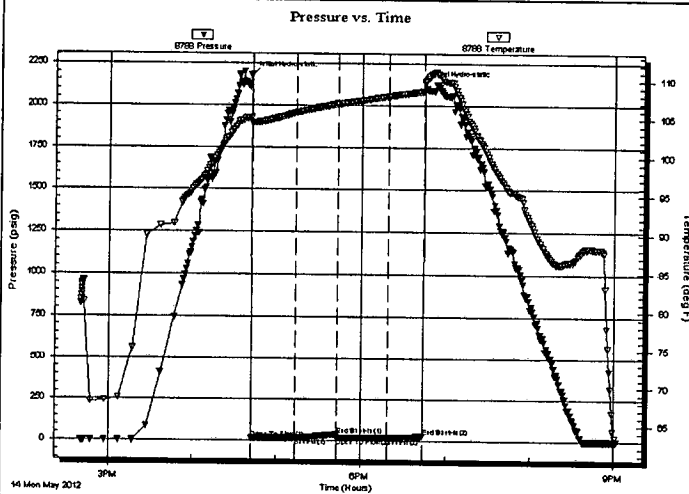
Last Calib.: 2012.05.14

Time On Btm: 2012.05.14 @ 16:41:54

Time Off Btm: 2012.05.14 @ 18:44:24

TEST COMMENT: IF- weak blow built to 3/4"

FF- weak 1/4" blow died in 20 minutes



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2176.15	105.10	Initial Hydro-static
1	14.15	104.25	Open To Flow (1)
32	16.07	105.77	Shut-In(1)
61	37.79	106.94	End Shut-In(1)
62	16.95	106.94	Open To Flow (2)
97	16.51	107.95	Shut-In(2)
122	28.30	108.62	End Shut-In(2)
123	2125.57	109.88	Final Hydro-static

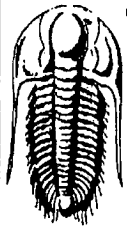
## Recovery

Length (ft)	Description	Volume (bbl)
11.00	oil specked mud	0.15
1.00	clean oil	0.01

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE**  
TESTING, INC.

# DRILL STEM TEST REPORT

FLUID SUMMARY

Robert F Hembree

35-18s 24 Ness KS

Box 542  
Ness City KS

#1 Schwartzkopf K

Job Ticket: 47031

DST#: 3

ATTN: Fred Hembree

Test Start: 2012.05.14 @ 14:39:54

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: lb/gal

Viscosity: 52.00 sec/qt

Water Loss: in<sup>3</sup>

Resistivity: ohm.m

Salinity: ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
11.00	oil specked mud	0.154
1.00	clean oil	0.014

Total Length: 12.00 ft      Total Volume: 0.168 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

