

CONFIDENTIAL

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

ORIGINAL

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**

12/17/12

OPERATOR: License # 30606
Name: Murfin Drilling Company, Inc.
Address 1: 250 N. Water, Suite 300
Address 2: _____
City: Wichita State: KS Zip: 67202
Contact Person: Leon Rodak
Phone: (316) 267-3241
CONTRACTOR: License # 30606
Name: Murfin Drilling Company, Inc.
Wellsite Geologist: Paul Gunzelman
Purchaser: MV Purchasing

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API No. 15 - 15-195-22677-0000
Spot Description: _____
SE NW NW NE Sec. 20 Twp. 12 S. R. 21 East West
500 Feet from North / South Line of Section
2030 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Trego
Lease Name: Baugher Well #: 1-20
Field Name: Adair Northwest
Producing Formation: Arbuckle
Elevation: Ground: 2289 Kelly Bushing: 2294
Total Depth: 4100 Plug Back Total Depth: 4074
Amount of Surface Pipe Set and Cemented at: 219 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1775 Feet
If Alternate II completion, cement circulated from: 1775
feet depth to: 0 w/ 220 sx cmt.

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 #: _____

08/20/2010	08/28/10	09/06/10
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: _____ ppm Fluid volume: _____ bbls
Dewatering method used: _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.
Signature: _____
Title: VP Production Date: 12/17/10

KCC Office Use ONLY
 Letter of Confidentiality Received
Date: 12/17/10 - 12/17/12 RECEIVED
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: 1/3 KCC WICHITA Date: DEC 16 2010

Operator Name: Murfin Drilling Company, Inc. Lease Name: Baughner Well #: 1-20
 Sec. 20 Twp. 12 S. R. 21 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 <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: Dual Induction, Compensated Porosity, Microresistivity	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See Attached List <div style="text-align: right;"> RECEIVED DEC 16 2010 KCC WICHITA </div>
---	--

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		8 5/8	23	219	Common	150	3% cc, 2% gel
Production		5 1/2	15.5	4099	AA-2	130	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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
4	4005-4008 Arbuckle	150 gal 15% MCA	

TUBING RECORD: Size: <u>2-7/8</u> Set At: <u>4029</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>11/10/10</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>48</u>	Gas Mcf <u>297</u>	Water Bbls. <u>297</u> Gas-Oil Ratio <u>29.0</u> 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4005-4008</u>
---	--	--

MDCI Baughner #1-20 500 FNL 2030 FEL Sec. 20-T12S-R21W 2294' KB							Petroleum Inc. #2 Keller 'P' OWWO 990 FSL 2280 FWL Sec. 17-T12S-R21W 2295' KB	
Formation	Sample top	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
Anhydrite	1708	+586	-1	1708	+586	-1	1713	+587
B/Anhydrite	1762	+532	-4	1758	+536	Flat	1764	+536
Topeka	3334	-1040	-7	3333	-1039	-6	3333	-1033
Heebner	3548	-1254	-8	3548	-1254	-8	3546	-1246
Toronto	3569	-1275	-7	3567	-1273	-5	3568	-1268
Lansing	3580	-1286	-5	3580	-1286	-5	3581	-1281
BKC	3821	-1527	-9	3820	-1526	-8	3818	-1518
Pawnee	3896	-1602	-10	3892	-1598	-7	3892	-1592
Arbuckle	3982	-1688	-11	3986	-1692	-15	3977	-1677
RTD	4100	-1806					4050	
LTD				4100	-1806		4054	

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KCC WICHITA



QUALITY OILWELL CEMENTING, INC.

740 West Wichita Ave, Russell KS 67665
Phone: 785-324-1041 fax: 785-483-1087
Email: cementing@ruraltel.net
Pratt Location 620-388-5422

Date: 8/23/2010
Invoice # 4059

P.O.#:

Due Date: 9/22/2010

Division:

Invoice

PROD COPY

Contact:

Murfin Drilling Company
Address/Job Location:
Murfin Drilling Company
P.O. Box 288
Russell Ks 67665

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USED FOR New Well Drilling
APPROVED [Signature]

Reference:

BAUGHNER 1-20

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Description of Work:

KCC WICHITA

Services / Items Included:	Quantity	Price	Item	Quantity	Price
Surface Job	1	\$0.00			
Truck-Material-Service Charge	26	\$246.51			
Premium Gel (Bentonite)	3	\$51.73			
Common-Class A	150	\$1,858.85			
Calcium Chloride	5	\$0.00			
Truck-Material-Service Charge	26	\$144.25			
Truck-Material-Service Charge	150	\$285.00			

Quoted by: Dave Funk

Invoice Terms:

Labor: \$885.79

SubTotal: \$ 3,997.26

Net 30

Discount Available ONLY if Invoice is Paid &
Received within listed terms of invoice: \$ (599.59)

Total: \$ 3,397.68

Tax: \$ 267.65

\$ 3,665.33

Thank You For Your Business!

Applied Payments:

Balance Due: \$ 3,665.33

Past Due Invoices are subject to a service charge (annual rate of 24%)

This does not include any applicable taxes unless it is listed.

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Account	Unit Rig	QTY	No.	Price	Description
03600	01620	39353	665.33		Cement S. Co

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4059

Date	8-20-10	Sec. 20	Twp. 12	Range 21	County Trego	State KS	On Location	Finish 9:30 p.m.
Lease	Boyer	Well No.	120	Location	Rig at 7:20 24 1/2 W. S. into			
Contractor	Murkin #16	Owner	To Quality Oilwell Cementing, Inc.					
Type Job	Surface	You are hereby requested to rent cementing equipment and furnish						
Hole Size	12 1/4	T.D.	220	Cement and helper to assist owner or contractor to do work as listed.				
Csg.	8 5/8	Depth	219	Charge	Murkin Drilling Company			
Tbg. Size		Depth		Street				
Tool		Depth		City	State			
Cement Left in Csg.	15'	Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line		Displace	1586	Cement Amount Ordered	150 com 3% ACS 2 1/2 6/11			

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EQUIPMENT

Pumptrk	9	No.	Cement Helper	4	Common	150
Bulktrk		No.	Driver		Poz. Mix	
Bulktrk	8	No.	Driver		Gel.	3
			Driver		Calcium	5

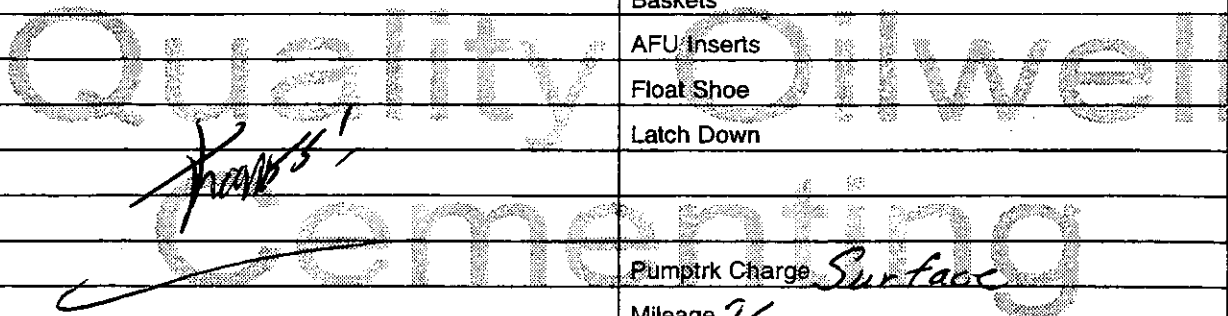
JOB SERVICES & REMARKS

Remarks:	Hulls	RECEIVED
Rat Hole	Salt	DEC 16 2010
Mouse Hole	Flowseal	KCC WICHITA
Centralizers	Kol-Seal	
Baskets	Mud CLR 48	
D/V or Port Collar	CFL-117 or CD110 CAF 38	
8 5/8 on bottom. Est. Circulation.	Sand	
Mix 150% & Displace	Handling	158
Cement Circulation	Mileage	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	Surface
Mileage	26

Signature	Key [Signature]	Tax	
		Discount	
		Total Charge	





cc: WF
cc: Loan p.l

PAGE 1 of 1	CUST NO 1002852	INVOICE DATE 09/08/2010
INVOICE NUMBER 1718 - 90403559		

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Pratt (620) 672-1201
B MURFIN DRILLING
I PO Box: 288
L RUSSELL
L KS US 67665
T
O ATTN:

J LEASE NAME Baugher 1-20
O LOCATION
B COUNTY Trego
S STATE KS
I JOB DESCRIPTION Cement-New Well Casing/Pi
T JOB CONTACT
E

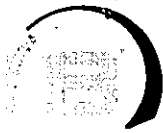
JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40226941	19905		Net - 30 days	10/08/2010

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 09/07/2010 to 09/07/2010</i>				
0040226941				
171802274A Cement-New Well Casing/Pi 09/07/2010 CNW-5 1/2" Port Collar				
A-Con Blend Common	220.00	EA	11.70	2,574.00 T
Cello-flake	55.00	EA	2.41	132.28 T
Calcium Chloride	621.00	EA	0.68	423.83 T
Heavy Equipment Mileage	200.00	MI	4.55	910.00
Proppant & Bulk Delivery Charges	1,035.00	MI	1.04	1,076.40
Blending & Mixing Service Charge	220.00	MI	0.91	200.20
Unit Mileage Charge-Pickups, Vans & Cars	100.00	HR	2.76	276.25
Depth Charge; 1001'-2000'	1.00	HR	975.00	975.00
Service Supervisor	1.00	HR	113.75	113.75

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USED FOR New Well Camp
APPROVED [Signature]

PLEASE REMIT TO: BASIC ENERGY SERVICES, LP PO BOX 841903 DALLAS, TX 75284-1903	SEND OTHER CORRESPONDENCE TO: BASIC ENERGY SERVICES, LP PO BOX 10460 MIDLAND, TX 79702	SUB TOTAL TAX INVOICE TOTAL	6,681.71 212.85 6,894.56
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BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

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FIELD SERVICE TICKET
1718 02274 · A

DATE _____ TICKET NO. _____

DATE OF JOB 9-7-10 DISTRICT KANSAS		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 Mucin Drilling Co. Inc		LEASE Baughner 1-20 WELL NO.							
ADDRESS		COUNTY Trego 20-12-21 STATE KANSAS							
CITY STATE		SERVICE CREW A. werth, M. Mathal, M. McG...							
AUTHORIZED BY		JOB TYPE: open 5/2 Port collar c/w							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
28443-P.U	1.15					9-6-10	9-6-10	AM	9:00
19903-19905	1.15					ARRIVED AT JOB	9-7-10	AM	7:30
19826-19860	1.15					START OPERATION	9-7-10	AM	9:30
						FINISH OPERATION	9-7-10	AM	10:45
						RELEASED	9-7-10	AM	11:30
						MILES FROM STATION TO WELL	100-miles		

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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 101	A-con Blend		220 SK		\$ 3960.00
CC 107	cell Flake		55-1b		\$ 203.50
CC 109	Calcium Chloride		621-1b		\$ 653.25
E 100	unit mileage charge Pickup		100-m.		\$ 425.00
E 101	Heavy Equip mileage		200-m.		\$ 1400.00
F 113	Bulk Delivery Charge		103.5		\$ 1656.00
CF 202	Depth Charge 1001-2000		1-4 hrs		\$ 1500.00
C.E 240	Blending & mixing service charge		220-SK		\$ 308.00
S 003	Service Supervisor first shift onloc		1-en		\$ 175.00

SUB TOTAL

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		KC \$6681.71

SERVICE REPRESENTATIVE Alf Werth	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____ (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 620-672-1224

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FIELD SERVICE TICKET
1718 02274 · A

KCC WICHITA DATE _____ TICKET NO. _____

DATE OF JOB		DISTRICT		NEW WELL <input type="checkbox"/>		OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/>		INJ <input type="checkbox"/>		WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER				LEASE				WELL NO.							
ADDRESS				COUNTY				STATE							
CITY				STATE				SERVICE CREW							
AUTHORIZED BY				JOB TYPE:											
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME					
						ARRIVED AT JOB									
						START OPERATION									
						FINISH OPERATION	7								
						RELEASED									
						MILES FROM STATION TO WELL									

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

SUB TOTAL

CHEMICAL / ACID DATA:			

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

TOTAL
1718

SERVICE REPRESENTATIVE _____ THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

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TREATMENT REPORT

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Customer <i>Muehle Drilling Co. Inc</i>	Lease No.	Date <i>9-7-10</i>
Lease <i>Baughner</i>	Well # <i>1-20</i>	KCC WICHITA
Field Order # <i>03274 A</i>	Station <i>Pratt KS</i>	County <i>Trego</i>
Type Job <i>Open 5 1/2 Port Collar</i>	Formation <i>CCW</i>	Legal Description <i>20-12-21</i>
Casing <i>5 1/2"</i>	Depth <i>1775'</i>	State <i>Kans</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>5 1/2"</i>	Tubing Size <i>2 7/8"</i>	Shots/Ft <i>220</i>	<i>SKS</i> Acid <i>N-con mixed @ 12 # gal</i>	RATE	PRESS	ISIP		
Depth <i>1775'</i>	Depth <i>1775'</i>	From	To	Pre Pad	Max	5 Min.		
Volume <i>9</i>	Volume <i>9</i>	From	To	Pad	Min	10 Min.		
Max Press	Max Press <i>1000 #</i>	From	To	Frac	Avg	15 Min.		
Well Connection	Annulus Vol.	From	To		HHP Used	Annulus Pressure		
Plug Depth	Packer Depth	From	To	Flush <i>D. Sp H₂O</i>	Gas Volume	Total Load		

Customer Representative <i>Mark Robbin Axelson</i>	Station Manager <i>Scotty</i>	Treater <i>Allen Fleeth</i>
Service Units <i>28443 19905 19905 19826 19860</i>		
Driver Names <i>Wright M.K. Mathl M.K. McGraw</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>7:30 AM</i>					<i>ON LOC Discuss Safety, Setup Plan Job</i>
<i>8:24</i>					<i>Start in hole w/ Port collar opening Tool on 2 7/8" Tbg</i>
<i>9:45</i>		<i>1000 #</i>			<i>Test Tbg + casing</i>
		<i>300 #</i>		<i>2</i>	<i>Open Port collar Taking Bal. Blow on Braden Head</i>
<i>10:50</i>			<i>5</i>	<i>4</i>	<i>Start mix A-con cont @ 12 # well circ. w/ 5 Bbls Pumped. cont circ. To Pit.</i>
			<i>100</i>		<i>Start Disp. Tbg cap @ 10 Bbl Pump 9 Bbl + Shut Port collar + PSI on well - OK. Release PSI Run 5-Joint + wash around short way</i>
<i>10:30</i>			<i>20</i>	<i>3</i>	<i>Pump 20 Bbls clean wash up + Rack up Equip. Rig Pull Tbg</i>
<i>11:30</i>					<i>Job complete. cont circ. To Pit. (State witness)</i>
					<i>Thanks Allen, M.K., M. McGraw</i>



BASIC
ENERGY SERVICES

Accty -

cc: hls
cc: WFT

cc: boon page 1

PAGE 1 of 1	CUST NO 1002852	INVOICE DATE 08/30/2010
INVOICE NUMBER 1717 - 90395478		

KCC

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Liberal (620) 624-2277
 B MURFIN DRILLING
 I PO Box: 288
 L RUSSELL
 L KS US 67665
 T
 O **ATTN:**

J **LEASE NAME** Baugher #1-20
 O **LOCATION**
 B **COUNTY** Trego
 S **STATE** KS
 I **JOB DESCRIPTION** Cement-New Well Casing/Pi
 T **JOB CONTACT**
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40223647	27462		Net - 30 days	09/29/2010

For Service Dates: 08/28/2010 to 08/28/2010

0040223647

171701007A Cement-New Well Casing/Pi 08/28/2010
 5 1/2" Longstring

USED FOR New Well Casing
 APPROVED [Signature]

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 KCC WICHITA**

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
AA2 Cement	130.00	EA	12.66	1,645.17 T
60/40 POZ	50.00	EA	8.34	417.20 T
Gypsum	615.00	EA	0.52	320.72 T
Salt	724.00	EA	0.35	251.71 T
FLA-115	74.00	EA	10.43	771.82 T
C-42P	31.00	EA	5.56	172.44 T
Gilsonite	650.00	EA	0.47	302.82 T
Cement Port Collar - 5 1/2"	1.00	EA	3,337.64	3,337.64
Latch Down Plug & Baffle - 5 1/2"	1.00	EA	278.14	278.14
Auto Fill Float Shoe - 5 1/2"	1.00	EA	250.32	250.32
Turbolizer - 5 1/2"	10.00	EA	76.49	764.87
Basket - 5 1/2"	1.00	EA	201.65	201.65
Cement Scratchers - 5 1/2"	9.00	EA	52.15	469.35
Super Flush II	500.00	EA	1.06	531.93 T
Heavy Equipment Mileage	200.00	MI	4.87	973.47
Blending & Mixing Service Charge	180.00	MI	0.97	175.23
Proppant and Bulk Delivery Charge	850.00	MI	1.11	945.66
Depth Charge; 3001' - 4000'	1.00	EA	1,501.93	1,501.93
Plug Container Charge	1.00	EA	173.83	173.83
Car, Pickup or Van Mileage	100.00	MI	2.96	295.52
Service Supervisor Charge	1.00	HR	121.68	121.68

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	13,903.10
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	300.14
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	14,203.24
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.
P.O. Box 129
Liberal, Kansas 67905
Phone 620-624-2277

RECEIVED

DEC 16 2010

KCC WICHITA
8-28-10

FIELD SERVICE TICKET

1717 01007A

DEC 17 2010

CONFIDENTIAL

DATE OF JOB 8-28-10	DISTRICT 1717	NEW WELL <input type="checkbox"/>	OLD WELL <input checked="" type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:			
CUSTOMER MURFIN DRILLING		LEASE BAUGHER				WELL NO. 1-20				
ADDRESS		COUNTY TREGO		STATE KANSAS						
CITY		STATE KANSAS		SERVICE CREW Carlos Lopez - Robert Cox						
AUTHORIZED BY Bennett JRB		JOB TYPE: 5.5" PROD, 24%								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
27462	7					ARRIVED AT JOB	8-28-10	AM	PM	6:30
19828	7					START OPERATION	8-28-10	AM	PM	11:50
19883	7					FINISH OPERATION	8-29-10	AM	PM	1:30
						RELEASED	8-29-10	AM	PM	2:00
						MILES FROM STATION TO WELL	215			

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: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL105	AA ² CMT-5% W-60-10% SALT-.6% C-15-1/4" DEFORMER	SKS	130		2366.00
CL103	60/40 Poz	SKS	50		600.00
CC113	Gypsum	lb	615		461.25
CC111	SALT	lb	724		362.00
CC124	FIA 115	lb	74		110.00
CC107	C-42P	lb	31		243.00
CC201	Gilsonite	lb	650		425.50
CF471	CEMENT PORT COLLAR, 5 1/2"	ea	1		45.00
CF607	LATCH DOWN PLUG & BAFFLE, 5 1/2"	ea	1		400.00
CF1251	AutoFill Float Shoe 5 1/2"	ea	1		30.00
CF1651	Turbolizer, 5 1/2"	ea	10		1100.00
CF1901	5 1/2" BASKET	ea	1		290.00
CF2001	CEMENT SCRATCHER CABLE TYPE, 5 1/2"	ea	9		175.00
CC155	Super Flush II	gal	500		760.00
E101	Heavy Equipment Mileage	mi	200		100.00
CE240	BLENDING & MIXING SERVICE CHARGE	SKS	180		25.00
E113	PROPPANT & BULK DELIVERY CHARGE	TM	850		150.00
CE204	Depth Charge 3001'-4000'	4 HRS	1		200.00
CE504	PLUG CONTAINER UTILIZATION CHARGE	Job	1		200.00
SUB TOTAL					13903.10
CHEMICAL / ACID DATA:					
SERVICE & EQUIPMENT					% TAX ON \$
MATERIALS					% TAX ON \$
TOTAL					

SERVICE REPRESENTATIVE: [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

RECEIVED
DEC 16 2010

TREATMENT REPORT

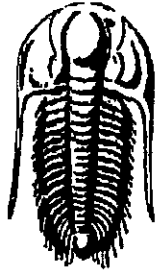
Customer <i>Martin Drilling</i>	Lease No.	Date <i>8-28-10</i>
Lease <i>BAVATER</i>	Well # <i>1-20</i>	KCC WICHITA
Field Order # <i>21007A</i>	Station <i>Liberal, KS 1717</i>	Casing <i>5.5"</i> Depth <i>4102.13</i>
Type Job <i>5.5" PROD. 241</i>	Formation	County <i>TREGO</i> State <i>KS</i>
		Legal Description <i>20-12-21</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>5.5"</i>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP KCC
Depth <i>4102.13</i>	Depth	From	To	Pre Pad	Max <i>5.5</i>	<i>1150</i>		5 Min. DEC 17 2010
Volume	Volume	From	To	Pad	Min <i>2</i>	<i>50</i>		10 Min. CONFIDENTIAL
Max Press <i>4040</i>	Max Press	From	To	Frac	Avg <i>4</i>	<i>400</i>		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth <i>4078.95</i>	Packer Depth	From	To	Flush	Gas Volume			Total Load <i>148</i>

Customer Representative *KEVIN* Station Manager *FERRY BENNETT* Treater *Carlos Lopez*

Service Units	<i>27462</i>	<i>19828</i>	<i>19883</i>	<i>19902</i>					
Driver Names	<i>R. COX</i>	<i>VICTOR</i>	<i>VASQUEZ</i>	<i>C. Lopez</i>					

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
<i>6:30pm</i>					<i>ARRIVE @ LOCATION</i>
<i>7:00pm</i>					<i>SET-UP TRUCKS & IRON</i>
<i>9:45pm</i>					<i>Grab Shedge to Circ. Well 18' ABOVE FLOOR</i>
<i>12:15 Am</i>					<i>Circ. well w/ CMT Head</i>
<i>12:26am</i>	<i>3000</i>				<i>Test Lines</i>
<i>12:28am</i>	<i>80</i>		<i>2</i>	<i>3</i>	<i>2 50/1100 SPACER AHEAD</i>
<i>12:29am</i>	<i>60</i>		<i>11.9</i>	<i>4</i>	<i>Superflush</i>
<i>12:33am</i>	<i>70</i>		<i>2</i>	<i>4</i>	<i>Spacer Behind 1100</i>
<i>12:35am</i>				<i>3</i>	<i>Mouse Hole - 60/40 P02 CMT</i>
<i>12:39am</i>				<i>3</i>	<i>Kat Hole - 60/40 P02 CMT</i>
<i>12:46am</i>	<i>150</i>		<i>35.7</i>	<i>5</i>	<i>130⁵⁰ AA 2 CMT @ 14.8 #/gal - 5% W/60</i>
					<i>10% SALT - .6% C15 - 1/4" Debramer - 5" Gilsomite</i>
<i>12:55am</i>					<i>Washup to Pit - Drop Top Plug - Latch Down</i>
<i>1:00am</i>	<i>350</i>		<i>97.1</i>	<i>5.3</i>	<i>H₂O Displacement</i>
<i>1:17am</i>	<i>550</i>		<i>87.1</i>	<i>2</i>	<i>Slow Down Pumping Rate</i>
<i>1:24am</i>	<i>1150</i>		<i>97.1</i>	<i>2</i>	<i>Bump Plug</i>
<i>1:26am</i>					<i>Release Pressure - Float Held</i>
					<i>Shut Down Equipment</i>
					<i>DEPART LOCATION</i>



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water
Ste 300
Wichita Ks 67202-1216

RECEIVED
DEC 16 2010
KCC WICHITA

ATTN: Scott Robinson

20-12s-21w Trego,Ks

Baughner #1-20

Start Date: 2010.08.24 @ 00:36:32

End Date: 2010.08.24 @ 06:32:26

Job Ticket #: 40132 DST #: 1

KCC
DEC 17 2010
CONFIDENTIAL

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co Inc
250 N Water
Ste 300
Wichita Ks 67202-1216
ATTN: Scott Robinson

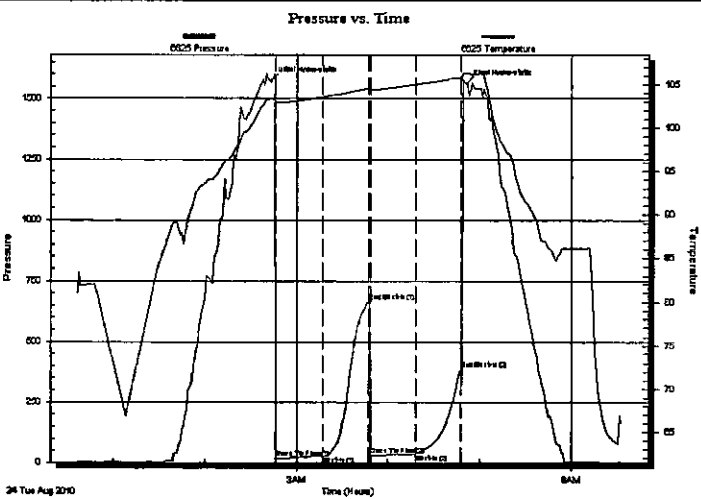
Baugher #1-20
20-12s-21w Trego,Ks
Job Ticket: 40132 DST#: 1
Test Start: 2010.08.24 @ 00:36:32

GENERAL INFORMATION:

Formation: **Topeka**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: **02:46:27**
Time Test Ended: **06:32:26**
Interval: **3353.00 ft (KB) To 3408.00 ft (KB) (TVD)**
Total Depth: **3457.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Poor**
Test Type: **Conventional Straddle**
Tester: **Ray Schwager**
Unit No: **42**
Reference Elevations: **2294.00 ft (KB)**
2289.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6625 **Inside**
Press@RunDepth: **35.70 psig @ 3361.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2010.08.24** End Date: **2010.08.24** Last Calib.: **2010.08.24**
Start Time: **00:36:32** End Time: **06:32:26** Time On Btm: **2010.08.24 @ 02:43:27**
Time Off Btm: **2010.08.24 @ 04:51:27**

TEST COMMENT: **IFP-w k bl died in 25 min**
FFP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1572.29	103.37	Initial Hydro-static
3	17.60	103.08	Open To Flow (1)
34	27.00	103.62	Shut-In(1)
64	665.37	104.61	End Shut-In(1)
65	30.42	104.48	Open To Flow (2)
95	35.70	105.06	Shut-In(2)
124	386.12	105.88	End Shut-In(2)
128	1560.28	106.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM5%O95%M	0.05

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Murfin Drilling Co Inc

250 N Water
Ste 300
Wichita Ks 67202-1216
ATTN: Scott Robinson

Baugher #1-20

20-12s-21w Trego, Ks

Job Ticket: 40132 **DST#: 1**

Test Start: 2010.08.24 @ 00:36:32

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:46:27

Time Test Ended: 06:32:26

Interval: **3353.00 ft (KB) To 3408.00 ft (KB) (TVD)**

Total Depth: **3457.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Test Type: Conventional Straddle

Tester: Ray Schwager

Unit No: 42

Reference Elevations: 2294.00 ft (KB)

2289.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8652

Below (Straddle)

Press@RunDepth: psig @ 3425.00 ft (KB)

Start Date: 2010.08.24

End Date:

2010.08.24

Capacity: 8000.00 psig

Last Calib.:

2010.08.24

Start Time:

00:36:18

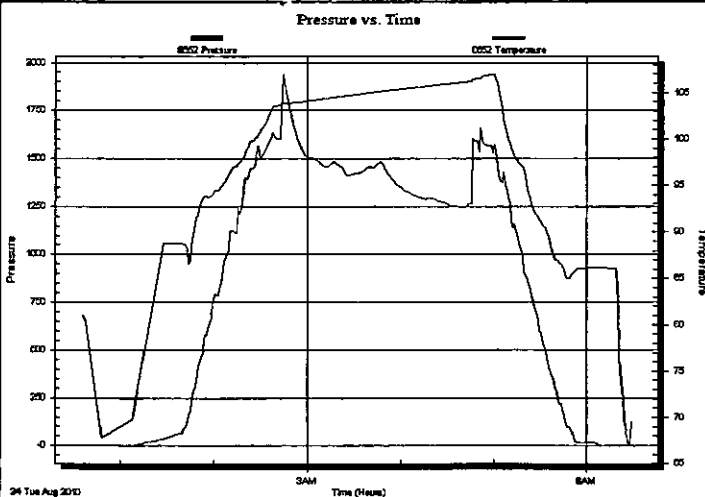
End Time:

06:29:42

Time On Btm:

Time Off Btm:

TEST COMMENT: IFF-w k bl died in 25 min
FFF-no bl



PRESSURE SUMMARY

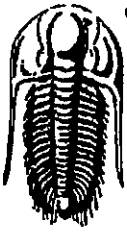
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM5%O95%M	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

Baugher #1-20

250 N Water
Ste 300
Wichita Ks 67202-1216
ATTN: Scott Robinson

20-12s-21w Trego, Ks
Job Ticket: 40132 DST#: 1
Test Start: 2010.08.24 @ 00:36:32

Tool Information

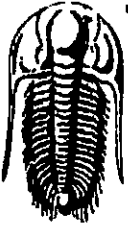
Drill Pipe:	Length: 3294.00 ft	Diameter: 3.80 inches	Volume: 46.21 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 60.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 65000.00 lb
		Total Volume:	46.51 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3353.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	3408.00 ft			
Interval between Packers:	55.00 ft			
Tool Length:	131.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3331.00	
Shut In Tool	5.00			3336.00	
Hydraulic tool	5.00			3341.00	
Safety Joint	2.00			3343.00	
Packer	5.00			3348.00	23.00 Bottom Of Top Packer
Packer	5.00			3353.00	
Stubb	1.00			3354.00	
Perforations	7.00			3361.00	
Recorder	0.00	6625	Inside	3361.00	
Recorder	0.00	8700	Outside	3361.00	
Blank Spacing	33.00			3394.00	
Perforations	10.00			3404.00	
Blank Off Sub	1.00			3405.00	
Blank Spacing	3.00			3408.00	55.00 Tool Interval
Packer	5.00			3413.00	
Stubb	1.00			3414.00	
Perforations	11.00			3425.00	
Recorder	0.00	8652	Below	3425.00	
Blank Spacing	33.00			3458.00	
Bullnose	3.00			3461.00	53.00 Bottom Packers & Anchor

Total Tool Length: 131.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc
250 N Water
Ste 300
Wichita Ks 67202-1216
ATTN: Scott Robinson

Baugher #1-20
20-12s-21w Trego, Ks
Job Ticket: 40132 DST#: 1
Test Start: 2010.08.24 @ 00:36:32

Mud and Cushion Information

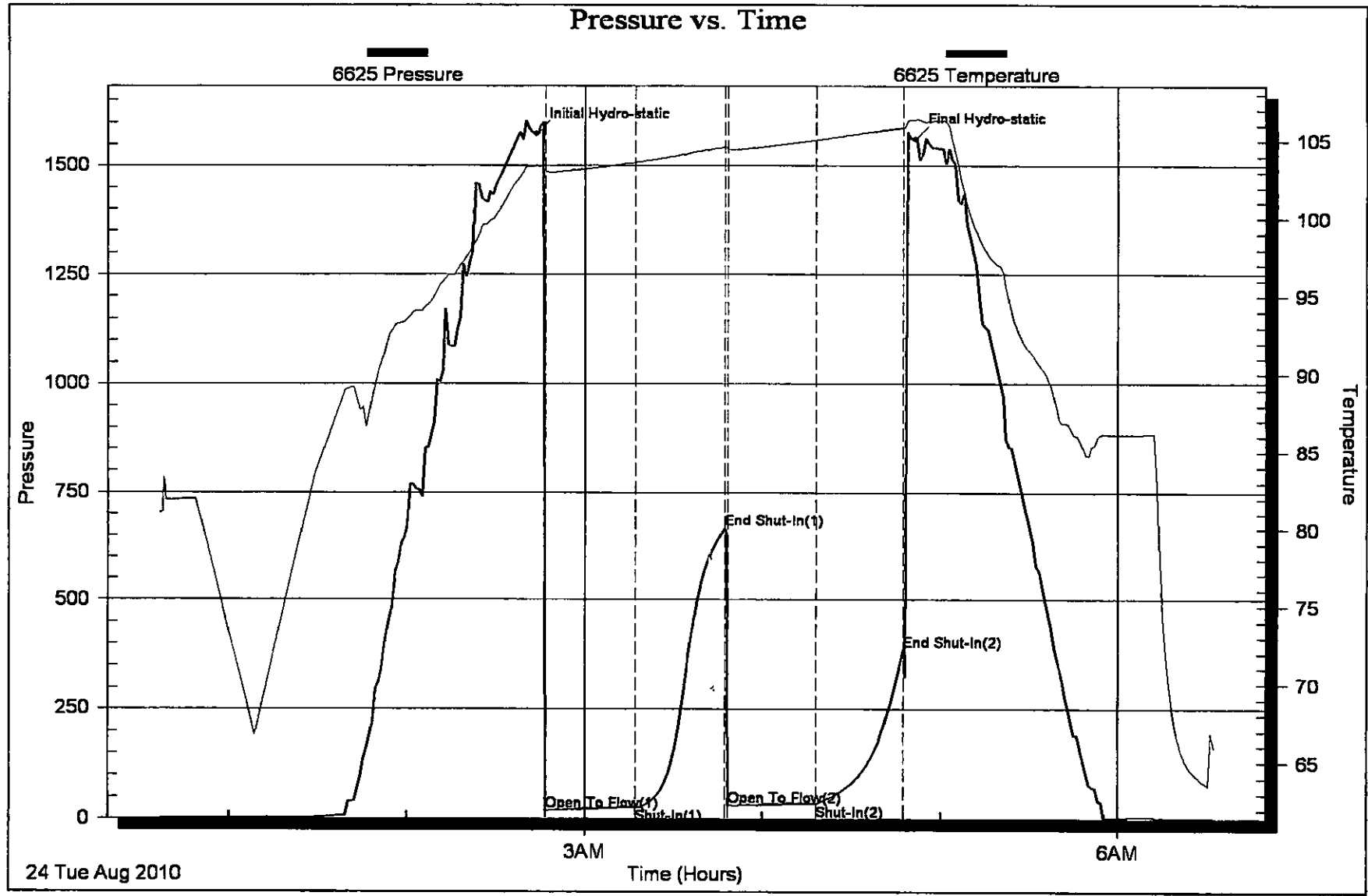
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.32 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1600.00 ppm			
Filter Cake: 1.00 inches			

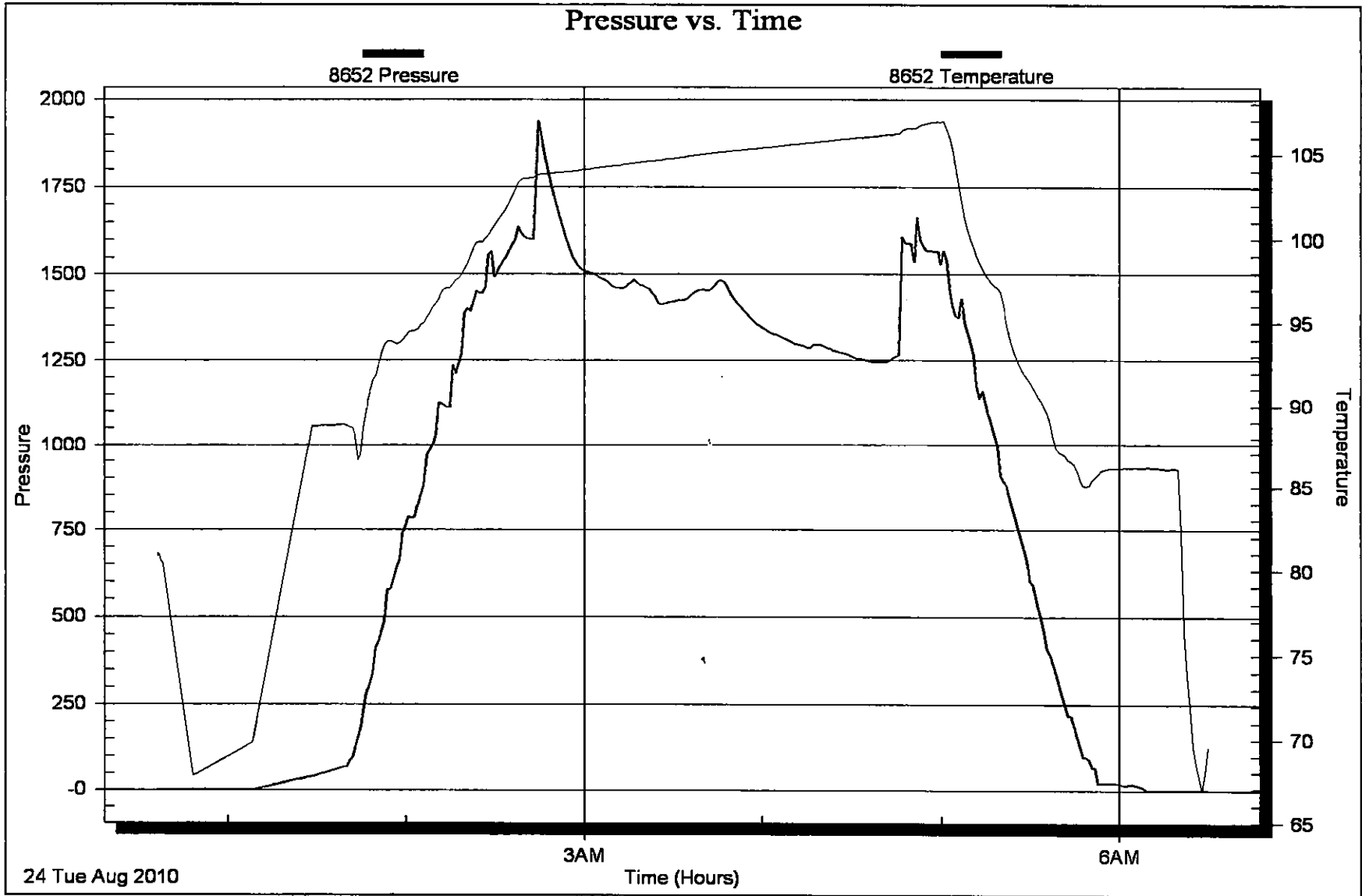
Recovery Information

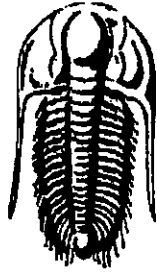
Recovery Table

Length ft	Description	Volume bbl
10.00	SOCM5%O95%M	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:







TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water
Ste 300
Wichita Ks 67202-1216

ATTN: Scott Robinson

20-12s-21w Trego,Ks

Baugher #1-20

Start Date: 2010.08.24 @ 22:49:26

End Date: 2010.08.25 @ 06:48:20

Job Ticket #: 40133 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Murfin Drilling Co Inc

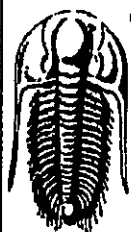
Baugher #1-20

20-12s-21w Trego,Ks

DST # 2

LKC A-F

2010.08.24



**TRIBOLITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co Inc
250 N Water
Ste 300
Wichita Ks 67202-1216
ATTN: Scott Robinson

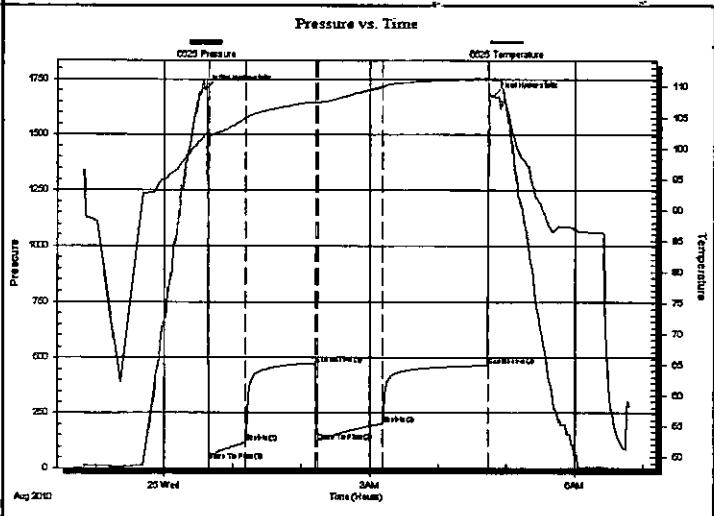
Baugher #1-20
20-12s-21w Trego, Ks
Job Ticket: 40133 **DST#: 2**
Test Start: 2010.08.24 @ 22:49:26

GENERAL INFORMATION:

Formation: **LKC A-F**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:38:51
Time Test Ended: 06:48:20
Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42
Interval: **3574.00 ft (KB) To 3672.00 ft (KB) (TVD)**
Total Depth: **3672.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Fair
Reference Elevations: **2294.00 ft (KB)**
2289.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6625 Inside
Press@RunDepth: **200.46 psig @ 3579.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2010.08.24** End Date: **2010.08.25** Last Calib.: **2010.08.25**
Start Time: **22:49:26** End Time: **06:48:20** Time On Btm: **2010.08.25 @ 00:36:21**
Time Off Btm: **2010.08.25 @ 04:48:20**

TEST COMMENT: JFP-w k to strg in 25 min
FFP-w k to strg in 33 min
ISP-1/4"bl bk
FSIP-1/4"bl bk



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1705.97	102.27	Initial Hydro-static
3	36.13	101.71	Open To Flow (1)
35	116.81	104.87	Shut-In(1)
97	472.84	107.52	End Shut-In(1)
98	122.17	107.49	Open To Flow (2)
155	200.46	110.00	Shut-In(2)
248	466.67	111.35	End Shut-In(2)
252	1673.98	111.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	Water	2.06
124.00	O&GCM 30%G10%O20%W40%M	1.74
50.00	HO&GCM 20%G30%O50%M	0.70
30.00	CO	0.42
0.00	350' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc
250 N Water
Ste 300
Wichita Ks 67202-1216
ATTN: Scott Robinson

Baugher #1-20
20-12s-21w Trego, Ks
Job Ticket: 40133 DST#: 2
Test Start: 2010.08.24 @ 22:49:26

Tool Information

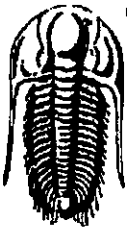
Drill Pipe:	Length: 3520.00 ft	Diameter: 3.80 inches	Volume: 49.38 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 60.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 49.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3574.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	98.00 ft			
Tool Length:	121.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3552.00	
Shut In Tool	5.00			3557.00	
Hydraulic tool	5.00			3562.00	
Safety Joint	2.00			3564.00	
Packer	5.00			3569.00	23.00 Bottom Of Top Packer
Packer	5.00			3574.00	
Stubb	1.00			3575.00	
Perforations	4.00			3579.00	
Recorder	0.00	6625	Inside	3579.00	
Recorder	0.00	8700	Outside	3579.00	
Blank Spacing	65.00			3644.00	
Perforations	25.00			3669.00	
Bullnose	3.00			3672.00	98.00 Bottom Packers & Anchor

Total Tool Length: 121.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

Baughner #1-20

250 N Water
Ste 300
Wichita Ks 67202-1216
ATTN: Scott Robinson

20-12s-21w Trego, Ks
Job Ticket: 40133 DST#: 2
Test Start: 2010.08.24 @ 22:49:26

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	40 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	80000 ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.32 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

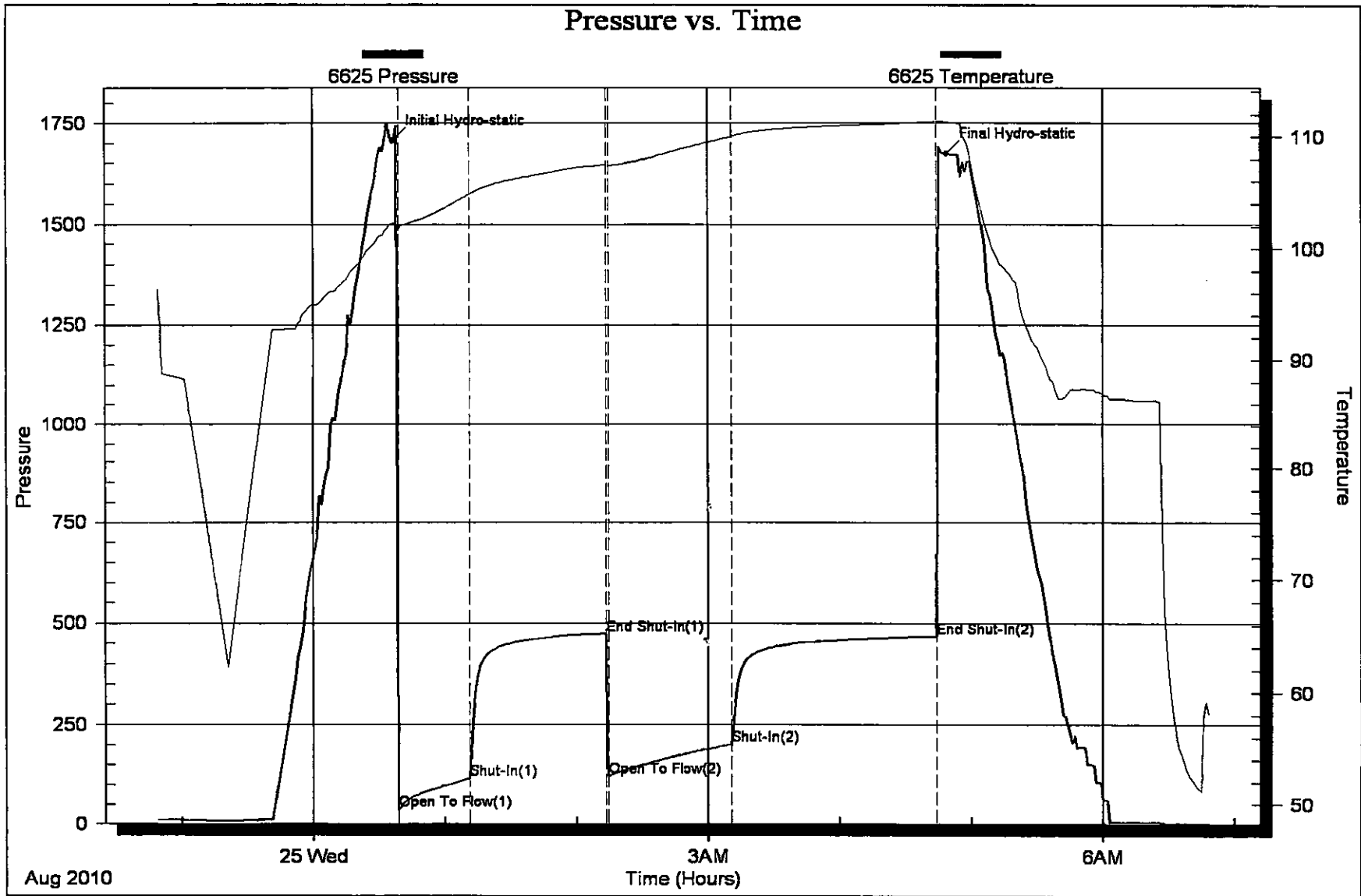
Length ft	Description	Volume bbl
186.00	Water	2.063
124.00	O&GCM 30%G10%O20%W40%M	1.739
50.00	HO&GCM 20%G30%O50%M	0.701
30.00	CO	0.421
0.00	350' GIP	0.000

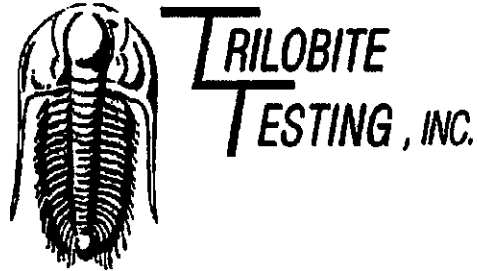
Total Length: 390.00 ft Total Volume: 4.924 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW .12 @ 56F





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water
Ste 300
Wichita Ks 67202-1216

ATTN: Scott Robinson

20-12s-21w Trego,Ks

Baugher #1-20

Start Date: 2010.08.25 @ 21:09:20

End Date: 2010.08.26 @ 02:36:14

Job Ticket #: 40134 DST #: 3

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



**TRIOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co Inc
250 N Water
Ste 300
Wichita Ks 67202-1216
ATTN: Scott Robinson

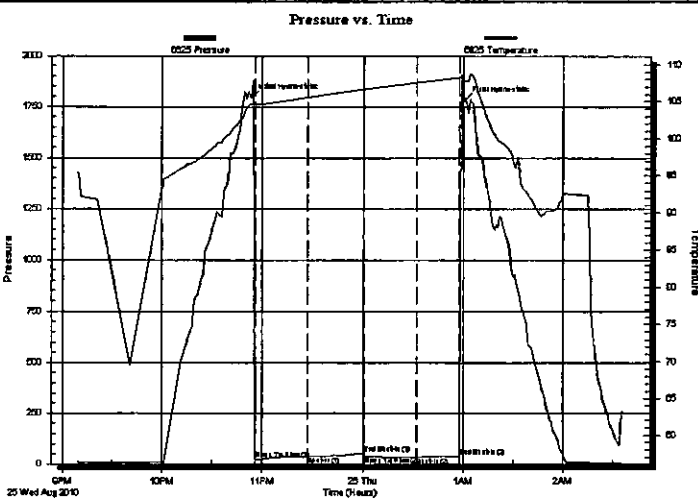
Baugher #1-20
20-12s-21w Trego,Ks
Job Ticket: 40134 **DST#: 3**
Test Start: 2010.08.25 @ 21:09:20

GENERAL INFORMATION:

Formation: **LKC H-L**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:55:45
 Time Test Ended: 02:36:14
 Interval: **3712.00 ft (KB) To 3818.00 ft (KB) (TVD)**
 Total Depth: **3818.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Ray Schwager
 Unit No: 42
 Reference Elevations: 2294.00 ft (KB)
 2289.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6625 Inside
 Press@RunDepth: 33.69 psig @ 3720.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.08.25 End Date: 2010.08.26 Last Calib.: 2010.08.26
 Start Time: 21:09:20 End Time: 02:36:14 Time On Btm: 2010.08.25 @ 22:53:45
 Time Off Btm: 2010.08.26 @ 01:00:45

TEST COMMENT: IFF-w k bl 1/4"to 1/2"bl
 FFP-no bl
 no bl on shut-ins



PRESSURE SUMMARY

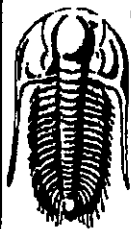
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1796.74	104.67	Initial Hydro-static
2	21.11	104.64	Open To Flow (1)
33	34.64	105.55	Shut-In(1)
66	52.01	106.64	End Shut-In(1)
67	35.89	106.65	Open To Flow (2)
98	33.69	107.56	Shut-In(2)
124	38.11	108.23	End Shut-In(2)
127	1781.46	107.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w/show of oil	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc
250 N Water
Ste 300
Wichita Ks 67202-1216
ATTN: Scott Robinson

Baugher #1-20
20-12s-21w Trego, Ks
Job Ticket: 40134 **DST#: 3**
Test Start: 2010.08.25 @ 21:09:20

Tool Information

Drill Pipe:	Length: 3645.00 ft	Diameter: 3.80 inches	Volume: 51.13 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 60.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 51.43 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3712.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	106.00 ft			
Tool Length:	129.00 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
Change Over Sub	1.00			3690.00	
Shut In Tool	5.00			3695.00	
Hydraulic tool	5.00			3700.00	
Safety Joint	2.00			3702.00	
Packer	5.00			3707.00	23.00 Bottom Of Top Packer
Packer	5.00			3712.00	
Stubb	1.00			3713.00	
Perforations	7.00			3720.00	
Recorder	0.00	6625	Inside	3720.00	
Recorder	0.00	8700	Outside	3720.00	
Blank Spacing	65.00			3785.00	
Perforations	30.00			3815.00	
Bullnose	3.00			3818.00	106.00 Bottom Packers & Anchor

Total Tool Length: 129.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

Baughner #1-20

250 N Water
Ste 300
Wichita Ks 67202-1216
ATTN: Scott Robinson

20-12s-21w Trego, Ks
Job Ticket: 40134 **DST#: 3**
Test Start: 2010.08.25 @ 21:09:20

Mud and Cushion Information

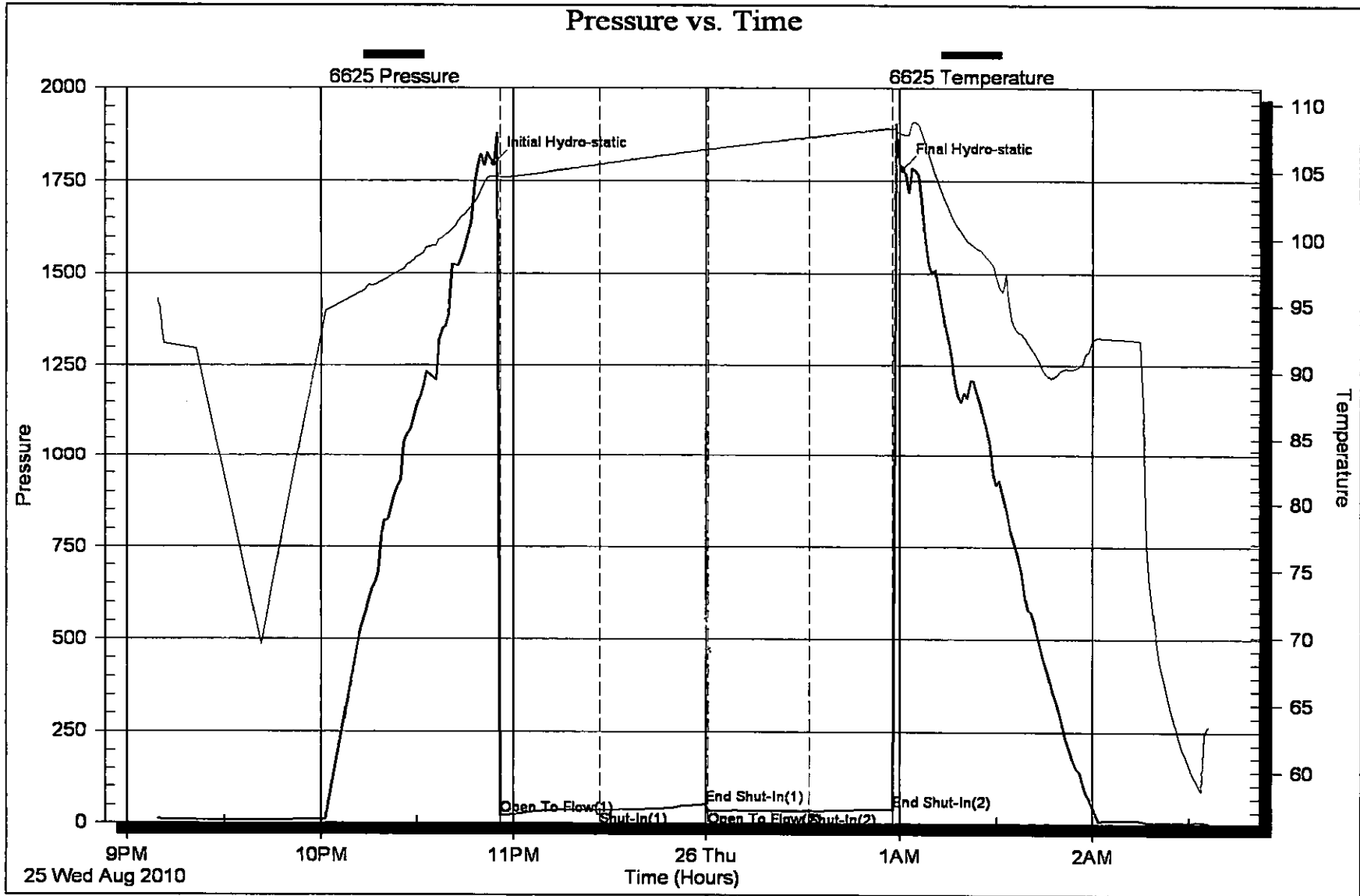
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.33 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

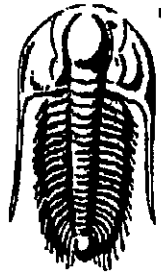
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w/show of oil	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water
Ste 300
Wichita Ks 67202-1216

ATTN: Scott Robinson

20-12s-21w Trego,Ks

Baughner #1-20

Start Date: 2010.08.26 @ 15:54:17

End Date: 2010.08.26 @ 22:36:11

Job Ticket #: 40135 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Murfin Drilling Co Inc

Baughner #1-20

20-12s-21w Trego,Ks

DST # 4

Arbuckle

2010.08.26



**TRIOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co Inc
250 N Water
Ste 300
Wichita Ks 67202-1216
ATTN: Scott Robinson

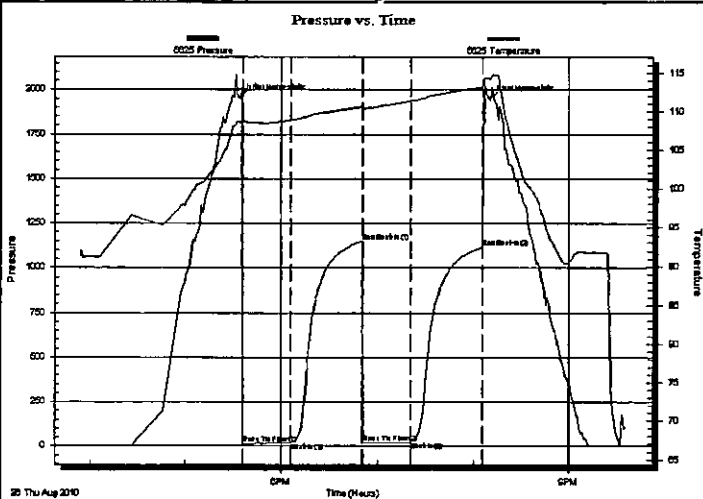
Baugher #1-20
20-12s-21w Trego, Ks
Job Ticket: 40135 DST#: 4
Test Start: 2010.08.26 @ 15:54:17

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:36:12
Time Test Ended: 22:36:11
Interval: **3984.00 ft (KB) To 4000.00 ft (KB) (TVD)**
Total Depth: **4000.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42
Reference Elevations: **2294.00 ft (KB)**
2289.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6625 Inside
Press@RunDepth: **24.04 psig @ 3985.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2010.08.26** End Date: **2010.08.26** Last Calib.: **2010.08.26**
Start Time: **15:54:17** End Time: **21:36:11** Time On Btm: **2010.08.26 @ 17:34:12**
Time Off Btm: **2010.08.26 @ 20:10:12**

TEST COMMENT: FFP-surface bl thru-out
FFP-no bl



PRESSURE SUMMARY

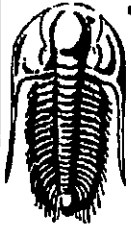
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1955.73	108.66	Initial Hydro-static
2	14.45	108.76	Open To Flow (1)
32	17.41	108.91	Shut-In(1)
76	1148.08	110.59	End Shut-In(1)
77	18.38	110.35	Open To Flow (2)
107	24.04	111.37	Shut-In(2)
152	1116.94	113.17	End Shut-In(2)
156	1948.99	114.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	CO	0.01
2.00	HOCM 20%O80%M	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc
250 N Water
Ste 300
Wichita Ks 67202-1216
ATTN: Scott Robinson

Baugher #1-20
20-12s-21w Trego, Ks
Job Ticket: 40135 DST#: 4
Test Start: 2010.08.26 @ 15:54:17

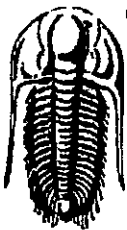
Tool Information

Drill Pipe:	Length: 3930.00 ft	Diameter: 3.80 inches	Volume: 55.13 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 60.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 55.43 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3984.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	39.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3962.00	
Shut In Tool	5.00			3967.00	
Hydraulic tool	5.00			3972.00	
Safety Joint	2.00			3974.00	
Packer	5.00			3979.00	23.00 Bottom Of Top Packer
Packer	5.00			3984.00	
Stubb	1.00			3985.00	
Recorder	0.00	6625	Inside	3985.00	
Recorder	0.00	8700	Outside	3985.00	
Perforations	12.00			3997.00	
Perforations	3.00			4000.00	16.00 Bottom Packers & Anchor

Total Tool Length: 39.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

Baughner #1-20

250 N Water
Ste 300
Wichita Ks 67202-1216
ATTN: Scott Robinson

20-12s-21w Trego, Ks
Job Ticket: 40135 DST#: 4
Test Start: 2010.08.26 @ 15:54:17

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	27 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 69.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.32 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5100.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

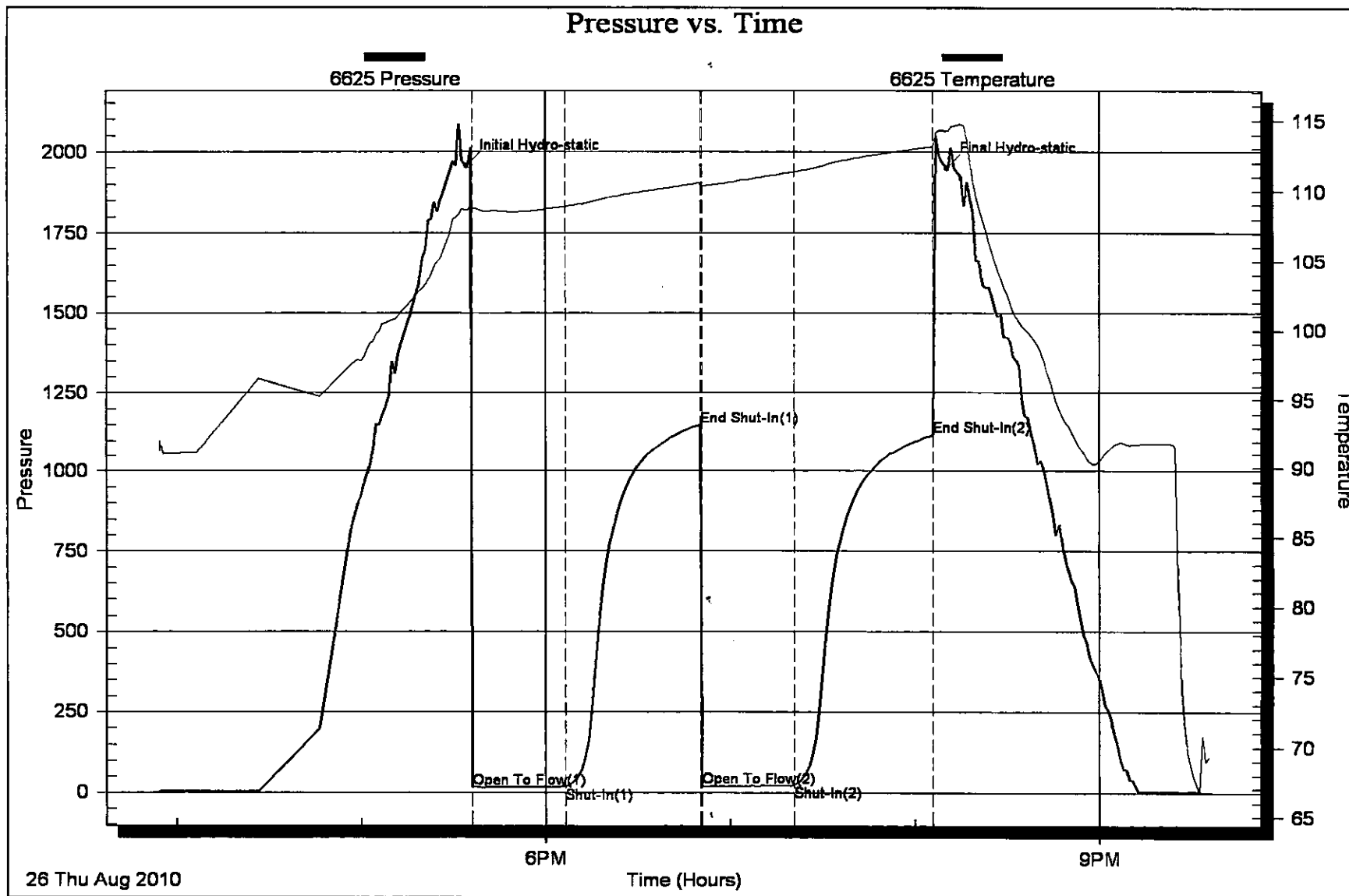
Length ft	Description	Volume bbl
3.00	CO	0.015
2.00	HOCM 20% O80%M	0.010

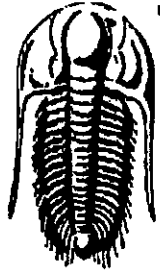
Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: ..





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water
Ste 300
Wichita Ks 67202-1216

ATTN: Scott Robinson

20-12s-21w Trego,Ks

Baughner #1-20

Start Date: 2010.08.27 @ 04:20:15

End Date: 2010.08.27 @ 12:15:09

Job Ticket #: 40136 DST #: 5

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Murfin Drilling Co Inc

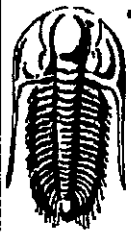
Baughner #1-20

20-12s-21w Trego,Ks

DST # 5

Arbuckle

2010.08.27



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Murfin Drilling Co Inc
250 N Water
Ste 300
Wichita Ks 67202-1216
ATTN: Scott Robinson

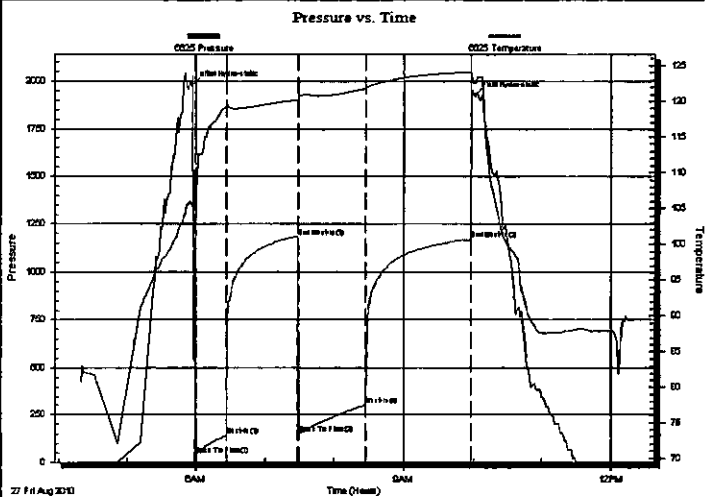
Baugher #1-20
20-12s-21w Trego,Ks
Job Ticket: 40136 DST#: 5
Test Start: 2010.08.27 @ 04:20:15

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: 05:58:40
Time Test Ended: 12:15:09
Interval: **3999.00 ft (KB) To 4010.00 ft (KB) (TVD)**
Total Depth: **4010.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **Ray Schwager**
Unit No: **42**
Reference Elevations: **2294.00 ft (KB)**
2289.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6625 **Inside**
Press@RunDepth: **302.55 psig @ 4004.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2010.08.27** End Date: **2010.08.27** Last Calib.: **2010.08.27**
Start Time: **04:20:15** End Time: **12:15:09** Time On Btm: **2010.08.27 @ 05:56:10**
Time Off Btm: **2010.08.27 @ 10:01:09**

TEST COMMENT: IFF-strg bl in 6 min
FFP-strg bl in 15 min
ISIP-surface bl bk
FSIP-surface bl bk



PRESSURE SUMMARY

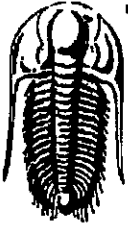
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1982.15	105.56	Initial Hydro-static
3	40.43	107.50	Open To Flow (1)
31	142.98	119.34	Shut-In(1)
93	1183.79	120.19	End Shut-In(1)
93	149.01	120.24	Open To Flow (2)
152	302.55	121.82	Shut-In(2)
242	1169.53	124.07	End Shut-In(2)
245	1926.10	122.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	180'GIP	0.00
62.00	O&GCMW 5%G10%O10%M75%W	0.32
62.00	HO&GCM 20%G30%O50%M	0.87
625.00	CO	8.77

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc
250 N Water
Ste 300
Wichita Ks 67202-1216
ATTN: Scott Robinson

Baugher #1-20
20-12s-21w Trego, Ks
Job Ticket: 40136 DST#: 5
Test Start: 2010.08.27 @ 04:20:15

Tool Information

Drill Pipe:	Length: 3932.00 ft	Diameter: 3.80 inches	Volume: 55.16 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 60.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 55.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3999.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	34.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

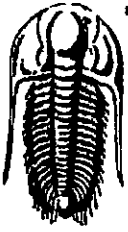
Tool Comments:

Tool Description

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

Change Over Sub	1.00			3977.00	
Shut In Tool	5.00			3982.00	
Hydraulic tool	5.00			3987.00	
Safety Joint	2.00			3989.00	
Packer	5.00			3994.00	23.00 Bottom Of Top Packer
Packer	5.00			3999.00	
Stubb	1.00			4000.00	
Perforations	4.00			4004.00	
Recorder	0.00	6625	Inside	4004.00	
Recorder	0.00	8652	Outside	4004.00	
Perforations	3.00			4007.00	
Bullnose	3.00			4010.00	11.00 Bottom Packers & Anchor

Total Tool Length: 34.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc
250 N Water
Ste 300
Wichita Ks 67202-1216
ATTN: Scott Robinson

Baugher #1-20
20-12s-21w Trego,Ks
Job Ticket: 40136 **DST#: 5**
Test Start: 2010.08.27 @ 04:20:15

Mud and Cushion Information

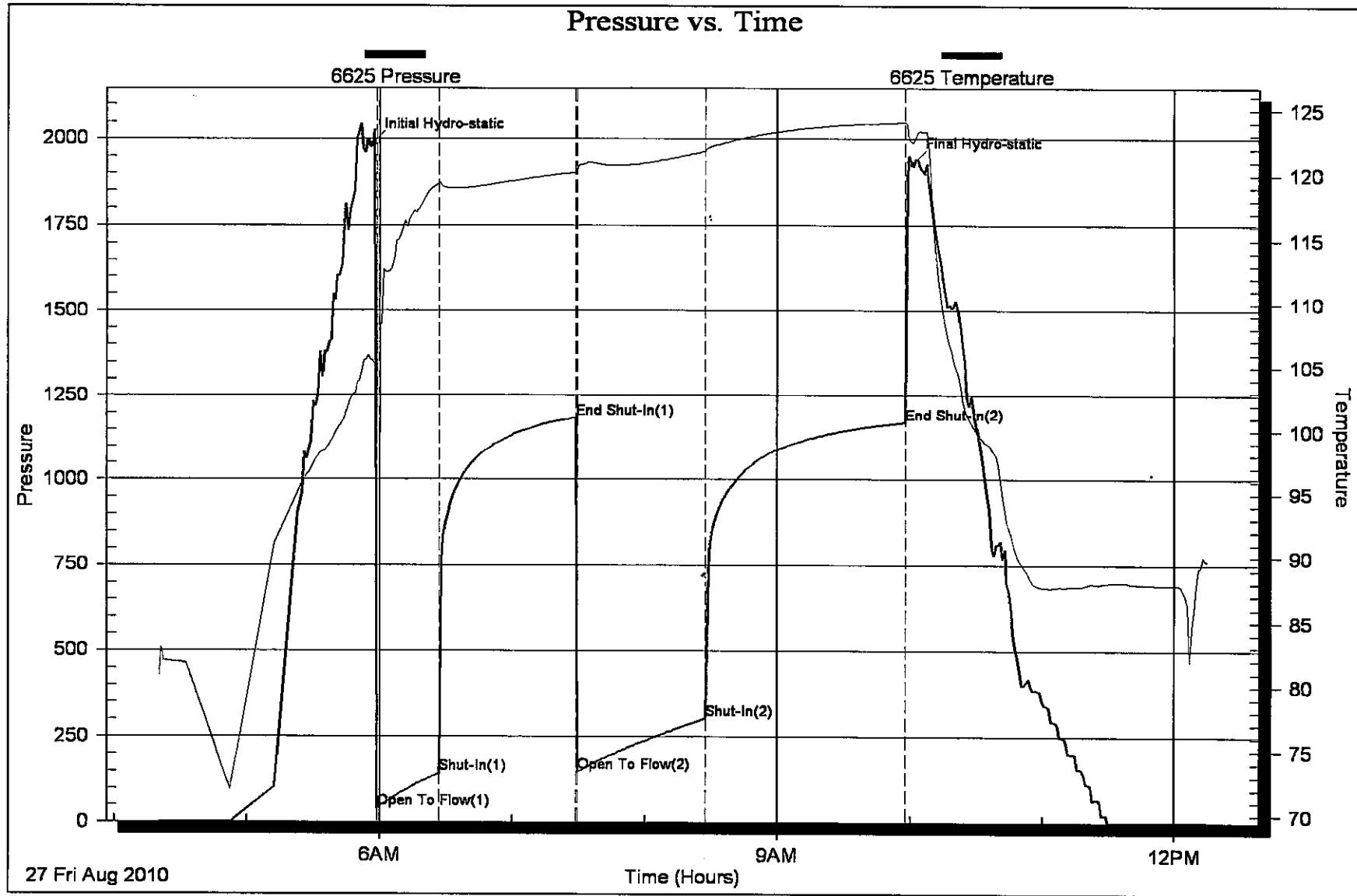
Mud Type: Gel Chem	Cushion Type:	Oil API: 30 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 20000 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.33 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1600.00 ppm		
Filter Cake: 1.00 inches		

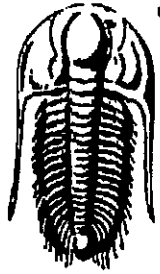
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	180'GIP	0.000
62.00	O&GCMW 5%G10%O10%M75%W	0.323
62.00	HO&GCM 20%G30%O50%M	0.870
625.00	CO	8.767

Total Length: 749.00 ft Total Volume: 9.960 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW .26@89F





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water
Ste 300
Wichita Ks 67202-1216

ATTN: Scott Robinson

20-12s-21w Trego,Ks

Baugher #1-20

Start Date: 2010.08.27 @ 18:39:27

End Date: 2010.08.28 @ 01:15:51

Job Ticket #: 40137 DST #: 6

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Murfin Drilling Co Inc

Baugher #1-20

20-12s-21w Trego,Ks

DST # 6

Arbuckle

2010.08.27



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co Inc
250 N Water
Ste 300
Wichita Ks 67202-1216
ATTN: Scott Robinson

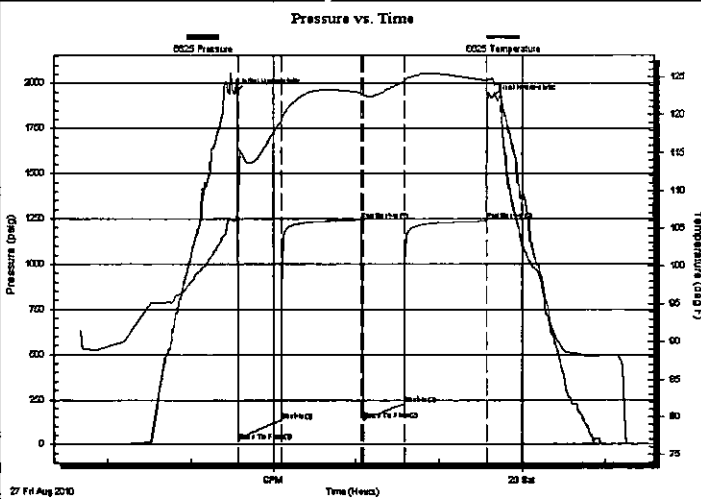
Baughner #1-20
20-12s-21w Trego,Ks
Job Ticket: 40137 DST#: 6
Test Start: 2010.08.27 @ 18:39:27

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: **20:34:22**
Time Test Ended: **01:15:51**
Interval: **4010.00 ft (KB) To 4020.00 ft (KB) (TVD)**
Total Depth: **4020.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **Ray Schwager**
Unit No: **42**
Reference Elevations: **2294.00 ft (KB)**
2289.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6625 **Inside**
Press@RunDepth: **224.04 psig @ 4015.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2010.08.27** End Date: **2010.08.28** Last Calib.: **2010.08.28**
Start Time: **18:39:27** End Time: **01:15:51** Time On Btm: **2010.08.27 @ 20:31:52**
Time Off Btm: **2010.08.27 @ 23:37:51**

TEST COMMENT: IFF-w k to strg in 24 min
FFP-w k to strg in 26 min
no bl on shut-ins



PRESSURE SUMMARY

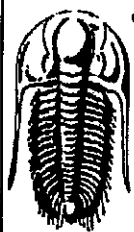
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1948.98	106.01	Initial Hydro-static
3	20.74	107.84	Open To Flow (1)
34	132.82	119.19	Shut-In(1)
92	1242.59	122.99	End Shut-In(1)
93	135.49	122.68	Open To Flow (2)
123	224.04	124.40	Shut-In(2)
182	1237.52	124.61	End Shut-In(2)
186	1918.05	124.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
435.00	Water	5.56
30.00	MW 30%M 70%W w/show of oil	0.42

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

Baugher #1-20

250 N Water
Ste 300
Wichita Ks 67202-1216
ATTN: Scott Robinson

20-12s-21w Trego, Ks
Job Ticket: 40137 DST#: 6
Test Start: 2010.08.27 @ 18:39:27

Tool Information

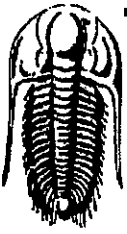
Drill Pipe:	Length: 3932.00 ft	Diameter: 3.80 inches	Volume: 55.16 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 60.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 55.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4010.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	33.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3988.00	
Shut In Tool	5.00			3993.00	
Hydraulic tool	5.00			3998.00	
Safety Joint	2.00			4000.00	
Packer	5.00			4005.00	23.00 Bottom Of Top Packer
Packer	5.00			4010.00	
Stubb	1.00			4011.00	
Perforations	4.00			4015.00	
Recorder	0.00	6625	Inside	4015.00	
Recorder	0.00	8700	Outside	4015.00	
Perforations	2.00			4017.00	
Bullnose	3.00			4020.00	10.00 Bottom Packers & Anchor

Total Tool Length: 33.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

Baughner #1-20

250 N Water
Ste 300
Wichita Ks 67202-1216
ATTN: Scott Robinson

20-12s-21w Trego,Ks
Job Ticket: 40137 DST#: 6
Test Start: 2010.08.27 @ 18:39:27

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:	21000 ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.34 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5100.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
435.00	Water	5.555
30.00	MW 30%M 70%W w/show of oil	0.421

Total Length: 465.00 ft Total Volume: 5.976 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW .27@82F

