

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

RECEIVED

ORIGINAL

SEP 02 2010

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

KCC WICHITA

9/1/12

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 **KCC**
CONTRACTOR: License # 30606
Name: Murfin Drilling Company, Inc. **SEP 01 2010**
Wellsite Geologist: Steve Miller **CONFIDENTIAL**
Purchaser: MV Purchasing

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 #: _____

05/06/10 05/17/10 07/06/10
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 153-20884-0000
Spot Description: _____
NE NE SW SW Sec. 25 Twp. 05 S. R. 31 East West
1200 Feet from North / South Line of Section
1150 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Rawlins
Lease Name: Cheney Trust A Well #: 2-25
Field Name: Cheney Trust
Producing Formation: LKC
Elevation: Ground: 2930 Kelly Bushing: 2935
Total Depth: 4450 Plug Back Total Depth: 4423
Amount of Surface Pipe Set and Cemented at: 234 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 2662 Feet
If Alternate II completion, cement circulated from: 2662
feet depth to: surface w/ 215 sx cmt.

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: [Signature]
Title: VP Production Date: 09/01/10

KCC Office Use ONLY

- Letter of Confidentiality Received Date: 9/1/10 - 9/1/12
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: MS Date: 9-01-10

Operator Name: Murfin Drilling Company, Inc. Lease Name: Cheney Trust A Well #: 2-25 SEP 02 2010
 Sec. 25 Twp. 05 S. R. 31 East West County: Rawlins **CONFIDENTIAL**

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 SEP 02 2010 KCC WICHITA </div>
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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		8 5/8	23#	234	Common	175	3% cc, 2% gel
Production		5 1/2	17# Used	4443	EA-2	175	

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	3968-3972	micro-fine	25	
<input type="checkbox"/> Plug Back TD				
<input checked="" type="checkbox"/> Plug Off Zone	3968-3972	common	25	

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3922-3928 Toronto	250 gal 15% MCA, 750 gal 15% NEFE	
4	3968-3972 LKC "C", Reperfed at 3968-3970	250 gal 15% MCA 3946-78, 250 gal 15% MCA 3968-70	
4	4013-4018 LKC "F"	250 gal 15% MCA	
4	4102-4112 LKC "J" & 4131-4144 "K"	1000 gal 15% NEFE	
	4131-4144 LKC "K"	250 gal 15% MCA, 750 gal 15% NEFE	

TUBING RECORD: Size: <u>2-3/8</u> Set At: <u>4149</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>07/16/10</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>25</u>	Gas Mcf _____	Water Bbls. <u>124</u> 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3922-4144</u>
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KCC
 SEP 01 2010

MDCI Cheney Trust 'A' #2-25 1200 FSL 1150 FWL Sec. 25-T5S-R31W 2935' KB	MDCI Cheney Trust 'A' #1-25 600 FSL 1850 FWL Sec. 25-T5S-R31W 2934' KB
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Formation	Sample top	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
Anhydrite	2630	+305	-3	2622	+313	+5	2626	+308
B/Anhydrite	2665	+270	flat	2657	+278	+8	2664	+270
Topeka	3725	-790	+2	3719	-784	+8	3726	-792
Heebner	3892	-957	+4	3890	-955	+6	3895	-961
Lansing	3938	-1003	+6	3938	-1003	+6	3943	-1009
Stark	4116	-1181	+3	4114	-1179	+5	4118	-1184
BKC	4170	-1235	+5	4167	-1232	+8	4174	-1240
Pawnee	4283	-1348	+4	4280	-1345	+7	4286	-1352
Cherokee	4345	-1410	-1	4342	-1407	+2	4343	-1409
Mississippi							4478	-1544
RTD	4450						4525	
LTD				4449			4526	

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PO BOX 31 Russell, KS 67665

PROD COPY **INVOICE**

root. Liny

Invoice Number: 122612

Invoice Date: May 6, 2010

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

Bill To:

Murfin Drtg. Co., Inc.
250 N. Water
STE #300
Wichita, KS 67202

*operator pay
MDC
/ B u*

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Customer ID	Well Name# or Customer P.O.	Payment Terms	
Murfin	Cheney Trust A #2-25	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	May 6, 2010	6/5/10

Quantity	Item	Description	Unit Price	Amount
175.00	MAT	Class A Common	15.45	2,703.75
3.00	MAT	Gel	20.80	62.40
6.00	MAT	Choride	58.20	349.20
184.00	SER	Handling	2.40	441.60
40.00	SER	Mileage 184 sx @ .10 per sk per mi	18.40	736.00
1.00	SER	Surface	1,018.00	1,018.00
40.00	SER	Pump Truck Mileage	7.00	280.00

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OKM

Account	Unit Rig	W L	No	Amount	Description
03600	00870		3656	5787.22 (1956.83)	Cement S. Csg

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

\$ 1956.83 35%

ONLY IF PAID ON OR BEFORE

May 31, 2010

Subtotal	5,590.95
Sales Tax	196.27
Total Invoice Amount	5,787.22
Payment/Credit Applied	
TOTAL	5,787.22

1956.83
3830.39

ALLIED CEMENTING CO., LLC. 038844

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

SERVICE POINT:
Dadley, KS

DATE <u>5/6/10</u>	SEC. <u>25</u>	TWP. <u>5</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>8:30pm</u>	JOB START <u>10:30pm</u>	JOB FINISH <u>11:00pm</u>
LEASE <u>Cheng Trust A</u>	WELL # <u>2-25</u>	LOCATION <u>Reyford N 70 Y 1 W</u>			COUNTY <u>Rawlins</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)	<u>NEW</u>			<u>1 N 1/2 E N 10</u>			

CONTRACTOR Murkin & S
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 234'
 CASING SIZE 8 5/8 DEPTH 234'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 13.25 @ 4750

EQUIPMENT _____
 PUMP TRUCK CEMENTER Alan
 # 422 HELPER Wayne
 BULK TRUCK _____
 # 347 DRIVER Garner
 BULK TRUCK _____
 # _____ DRIVER _____

REMARKS:
Cement P.D. Circulate

CHARGE TO: Murkin Drilling
 STREET _____
 CITY _____ STATE _____ ZIP _____

OWNER Sam
 CEMENT AMOUNT ORDERED 175 com 390cc
 COMMON 175 @ 45 @ 2703.75
 POZMIX _____ @ _____
 GEL 3 @ 22.00 @ 62.40
 CHLORIDE 6 @ 58.00 @ 349.20
 ASC _____ @ _____
 HANDLING 187 @ 2.44 @ 447.22
 MILEAGE 0.54/mi @ _____ @ 736.00
 TOTAL 4292.95

SERVICE
 DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ @ 1018.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 40 @ 7.00 @ 280.00
 MANIFOLD _____ @ _____
 TOTAL 1298.00

PLUG & FLOAT EQUIPMENT
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

To Allied Cementing Co., 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 Rodney Fair
 SIGNATURE Rodney Fair

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P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



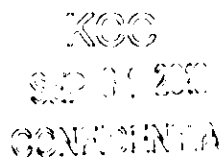
cc: WF
cc: Leang J

Invoice

DATE	INVOICE #
5/28/2010	17640

BILL TO
Murfin Drilling Co Inc PO Box 661 Colby, KS 67701-0661

- Acidizing
- Cement
- Tool Rental



TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2-25	Cheney Trust...	Rawlins	Company Tools	Oil	Development	Cement Port Collar	Don
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	5.00	400.00
576D-D	Pump Charge - Port Collar - 2662 Feet				1	Job	1,100.00	1,100.00
279	Bentonite Gel				2	Sack(s)	25.00	50.00T
290	D-Air				4	Gallon(s)	35.00	140.00T
330	Swift Multi-Density Standard (MIDCON II)				250	Sacks	15.00	3,750.00T
276	Flocele				63	Lb(s)	1.50	94.50T
581D	Service Charge Cement				350	Sacks	1.50	525.00
583D	Drayage				1,393.2	Ton Miles	1.00	1,393.20
	Subtotal							7,452.70
	Sales Tax Rawlins County						7.05%	284.43
USED FOR <u>NEW WELL</u> APPROVED <u>JC</u>								

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We Appreciate Your Business!	Total	\$7,737.13
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CHARGE TO:
 Murbin Drtg Co
 ADDRESS
 CITY, STATE, ZIP CODE

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CCC WICHITA

TICKET
 17640

PAGE 1 OF 1

SERVICE LOCATIONS
 1. Hays, Ks
 2. Ness City, Ks

WELL/PROJECT NO. A-2-25
 LEASE Cheney Trust
 COUNTY/PARISH Rawlins
 STATE Ks
 CITY
 DATE 5-28-10
 OWNER

TICKET TYPE
 SERVICE
 SALES
 CONTRACTOR Co Tool
 RIG NAME/NO.
 SHIPPED VIA CT
 DELIVERED TO NW/Rexford, Ks
 ORDER NO.

WELL TYPE oil
 WELL CATEGORY wildcat
 JOB PURPOSE Cement Port Collar
 WELL PERMIT NO.
 WELL LOCATION

REFERRAL LOCATION
 INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #113	80	Mi			5.00	400.00
576-D		1			Pump Charge - Port Collar	1	per	21062	ft.	1100.00	1100.00
279		1			Bentonite Gel	2	bks	200	lbs	25.00	50.00
290		1			D-AIR	7	gal			35.00	140.00
330		2			SMD Cement	250	SKS	24815	lbs	15.00	3750.00
276		2			Fluore	103	lbs			1.50	94.50
581		2			Service Charge (Cement)	350	SKS	34830	lbs	1.50	525.00
583		2			Drayage	1393.20	TM			1.00	1393.20

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *[Signature]*
 DATE SIGNED 5-28-10
 TIME SIGNED 15:30
 A.M.
 P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				7452.70
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Rawlins TAX 7.05% 284.43
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL 7737.13
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR *[Signature]*

APPROVAL *[Signature]* Thank You!



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300

Acctg —

cc: wr
cc: Lis
cc: Low p. 1

Invoice

DATE	INVOICE #
5/17/2010	17590

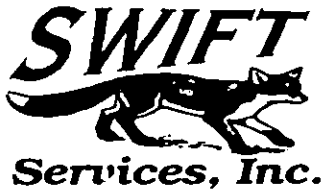
BILL TO
Murfin Drilling Co Inc PO Box 661 Colby, KS 67701-0661
USED FOR <u>NEW WELL</u>
APPROVED <u>JMK</u>

- Acidizing
- Cement
- Tool Rental

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TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2-25	Cheney Trust	Rawlins	Murfin Drilling	Oil	Development	LongString	Dave
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	5.00	400.00
578D-L	Pump Charge - Long String				1	Job	1,400.00	1,400.00
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
280	Flocheck 21				500	Gallon(s)	2.50	1,250.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
402-5	5 1/2" Centralizer				15	Each	55.00	825.00T
403-5	5 1/2" Cement Basket				3	Each	200.00	600.00T
404-5	5 1/2" Port Collar				1	Each	1,900.00	1,900.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	225.00	225.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	275.00	275.00T
413-5	5 1/2" Roto Wall Scratcher				20	Each	40.00	800.00T
419-5	5 1/2" Rotating Head Rental				1	Each	150.00	150.00T
325	Standard Cement				225	Sacks	12.00	2,700.00T
276	Flocele				50	Lb(s)	1.50	75.00T
277	Gilsonite (Coal Seal)				1,125	Lb(s)	0.40	450.00T
283	Salt				1,100	Lb(s)	0.15	165.00T
284	Calseal				11	Sack(s)	30.00	330.00T
285	CFR-1				150	Lb(s)	4.00	600.00T
581D	Service Charge Cement				225	Sacks	1.50	337.50
583D	Drayage				987	Ton Miles	1.00	987.00
	Subtotal							13,639.50
	Sales Tax Rawlins County						7.05%	741.31
We Appreciate Your Business!						Total		\$14,380.81

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CHARGE TO: MURFIN DRILL
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

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TICKET
 17590
 PAGE 1 OF 2

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SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. <u>HAB</u>	<u>2-25</u>	<u>CHENEY TRUST</u>	<u>RAWLINS</u>	<u>KS</u>		<u>05-17-10</u>	
2. <u>NESS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
3.			<u>MURFIN DRILL 18</u>	<u>C7</u>	<u>To, Ho, 10, 1/2, Revo 18</u>		
4.	WELL TYPE <u>OK</u>	WELL CATEGORY <u>Develop</u>	JOB PURPOSE <u>LONG TRAIL</u>	WELL PERMIT NO. <u>15-153-20884</u>	WELL LOCATION <u>S25, T5, R31</u>		
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #112	80		mi		5.00	400.00
578		1			Pump Service	1		EA		1400.00	1400.00
231		1			Liquid Oil	4		Gal		25.00	100.00
280		1			FLOAR (2)	500		Gal		2.50	1250.00
290		1			D-AIR	2		Gal		35.00	70.00
402		1			CENTRALIZER	15		EA	5 1/2 in	55.00	825.00
403		1			CMT BARET	3		EA	5 1/2 in	200.00	600.00
404		1			PORT COLLAR 2656	1		EA	5 1/2 in	1900.00	1900.00
406		1			LATCH DOWN PUMP BARGE	1		EA	5 1/2 in	225.00	225.00
407		1			INSERT PLASTIC HOE 1/2 IN TO FILL	1		EA	5 1/2 in	275.00	275.00
413		1			ROD WALK SCRATCHER	20		EA	100 ft	40.00	800.00
419		1			ROTATING HEAD RENTAL	1		EA	5 1/2 in	150.00	150.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X Buck Sales

DATE SIGNED 05-17-10 TIME SIGNED 1600 A.M. P.M.

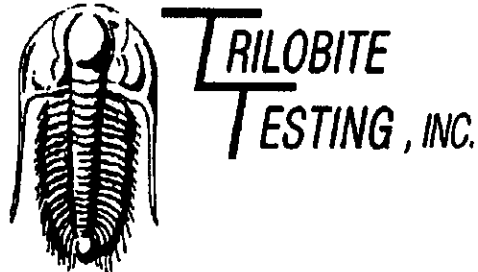
REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	7995.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL	5644.50
WE UNDERSTOOD AND MET YOUR NEEDS?				sub TOTAL	13639.50
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Rawlins TAX 17.05%	741.31
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL	14,380.81
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR Dave APPROVAL _____

Thank You!



DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co. Inc.**

250 N Water Ste 300
Wichita KS 67202

ATTN: Steve Miller

25-5-31 Rawlins KS

Cheney Trust "A" 2-25

Start Date: 2010.05.11 @ 14:05:05

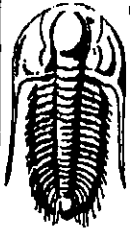
End Date: 2010.05.11 @ 22:18:29

Job Ticket #: 38521 DST #: 1

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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

ATTN: Steve Miller

Cheney Trust "A" 2-25

25-5-31 Rawlins KS

Job Ticket: 38521

DST#: 1

Test Start: 2010.05.11 @ 14:05:05

GENERAL INFORMATION:

Formation: **Toronto**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 16:07:30
 Time Test Ended: 22:18:29

Test Type: **Conventional Bottom Hole**
 Tester: **Mike Roberts**
 Unit No: **46**

Interval: **3899.00 ft (KB) To 3928.00 ft (KB) (TVD)**
 Total Depth: **3928.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2935.00 ft (KB)**
2930.00 ft (CF)
 KB to GR/CF: **5.00 ft**

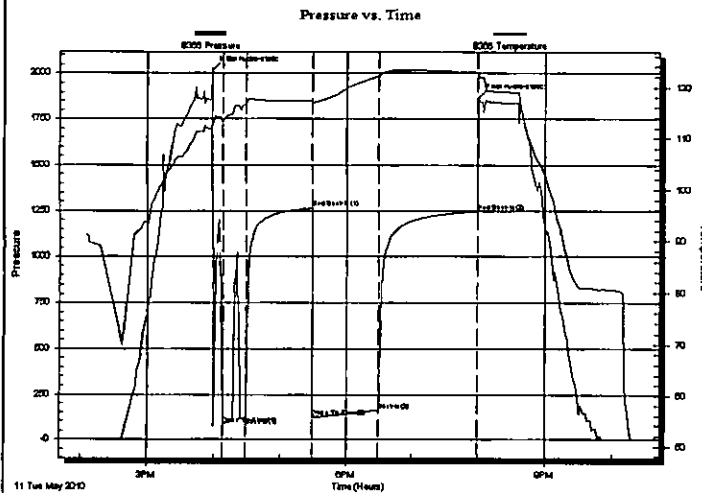
Serial #: 8366

Inside

Press@RunDepth: **158.74 psig @ 3900.00 ft (KB)**
 Start Date: **2010.05.11** End Date: **2010.05.11**
 Start Time: **14:05:05** End Time: **22:18:29**

Capacity: **8000.00 psig**
 Last Calib.: **2010.05.11**
 Time On Btrn: **2010.05.11 @ 15:58:30**
 Time Off Btrn: **2010.05.11 @ 19:59:59**

TEST COMMENT: IF: Built to 7' blow
 IS: No return blow
 FF: Built to BOB in 40 min.
 FS: Built to surface blow blow back



PRESSURE SUMMARY

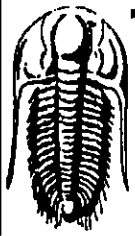
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2018.86	112.47	Initial Hydro-static
9	79.05	113.32	Open To Flow (1)
31	115.96	116.75	Shut-In(1)
90	1262.61	117.30	End Shut-In(1)
91	121.52	116.87	Open To Flow (2)
151	158.74	122.20	Shut-In(2)
241	1245.28	122.91	End Shut-In(2)
242	1869.21	122.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
179.00	OCM 30%o 70%o	0.88
124.00	MCO 5%o 95%o	1.74

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co. Inc.

Cheney Trust "A" 2-25

250 N Water Ste 300
Wichita KS 67202

25-5-31 Rawlins KS

Job Ticket: 38521

DST#: 1

ATTN: Steve Miller

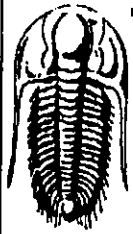
Test Start: 2010.05.11 @ 14:05:05

Tool Information

Drill Pipe:	Length: 3728.00 ft	Diameter: 3.80 inches	Volume: 52.29 bbl	Tool Weight: 1500.00 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: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 53.17 bbl</u>	Tool Chased 5.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3899.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	29.00 ft			
Tool Length:	50.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Combination Sub	1.00			3879.00	
S.I. Tool	5.00			3884.00	
HYD S.I. Tool	5.00			3889.00	
Packer	5.00			3894.00	21.00 Bottom Of Top Packer
Packer	5.00			3899.00	
Stubb	1.00			3900.00	
Recorder	0.00	8366	Inside	3900.00	
Recorder	0.00	8320	Outside	3900.00	
Perforations	25.00			3925.00	
Bullnose	3.00			3928.00	29.00 Bottom Packers & Anchor
Total Tool Length:	50.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co. Inc.

Cheney Trust "A" 2-25

250 N Water Ste 300
Wichita KS 67202

25-5-31 Rawlins KS

Job Ticket: 38521

DST#: 1

ATTN: Steve Miller

Test Start: 2010.05.11 @ 14:05:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.93 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 700.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

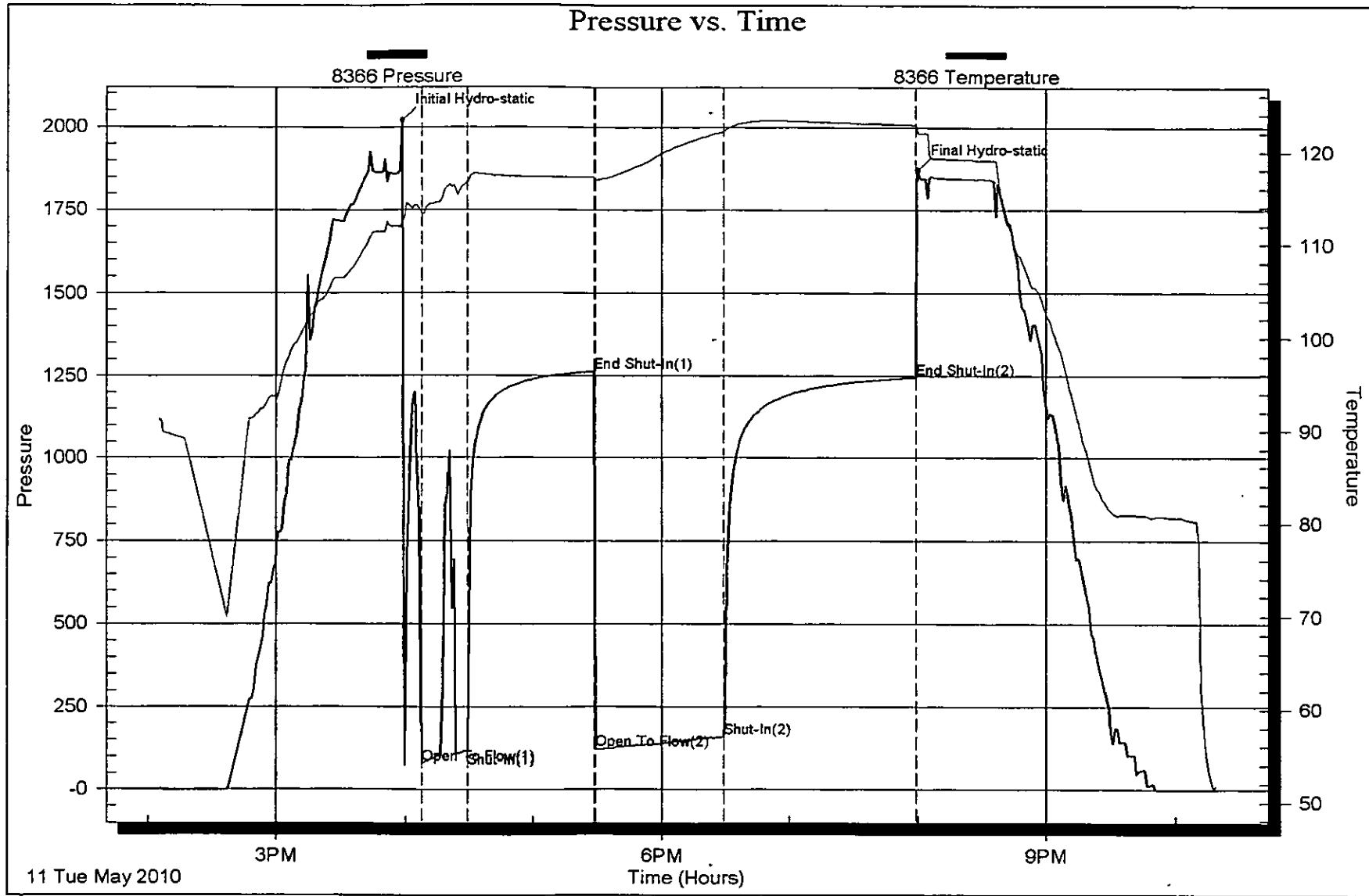
Length ft	Description	Volume bbl
179.00	OCM 30%o 70%m	0.880
124.00	MCO 5%m 95%o	1.739

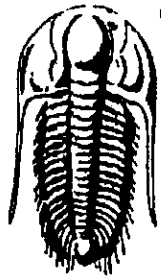
Total Length: 303.00 ft Total Volume: 2.619 bbl

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

ATTN: Steve Miller

25-5-31 Rawlins KS

Cheney Trust "A" 2-25

Start Date: 2010.05.12 @ 07:52:05

End Date: 2010.05.12 @ 16:12:59

Job Ticket #: 38252 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Murfin Drilling Co. Inc.

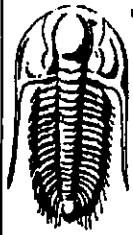
Cheney Trust "A" 2-25

25-5-31 Rawlins KS

DST # 2

Lansing "C"

2010.05.12



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co. Inc.

250 N Water Ste 300
Wichita KS 67202

ATTN: Steve Miller

Cheney Trust "A" 2-25

25-5-31 Rawlins KS

Job Ticket: 38252

DST#: 2

Test Start: 2010.05.12 @ 07:52:05

GENERAL INFORMATION:

Formation: **Lansing "C"**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 09:45:00
 Time Test Ended: 16:12:59

Test Type: **Conventional Bottom Hole**
 Tester: **Mike Roberts**
 Unit No: **46**

Interval: **3946.00 ft (KB) To 3978.00 ft (KB) (TVD)**
 Total Depth: **3928.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2935.00 ft (KB)**
2930.00 ft (CF)
 KB to GR/CF: **5.00 ft**

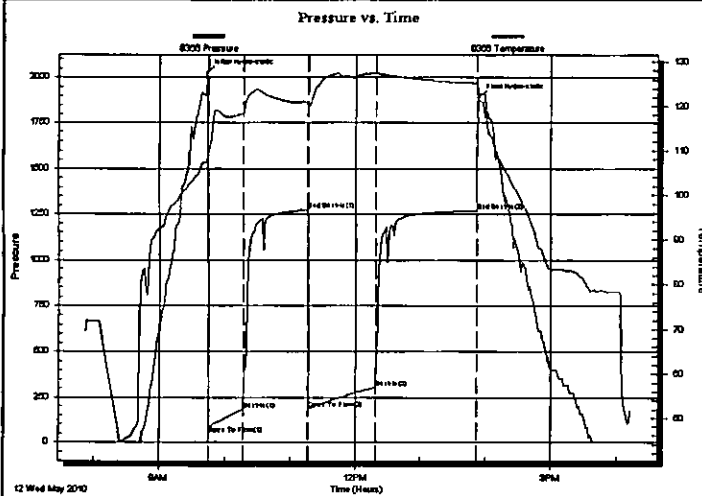
Serial #: 8366

Inside

Press@RunDepth: **302.43 psig @ 3950.00 ft (KB)**
 Start Date: **2010.05.12** End Date: **2010.05.12**
 Start Time: **07:52:05** End Time: **16:12:59**

Capacity: **8000.00 psig**
 Last Calib.: **2010.05.12**
 Time On Btrn: **2010.05.12 @ 09:43:30**
 Time Off Btrn: **2010.05.12 @ 13:52:59**

TEST COMMENT: IF:BOB in 5 min.
 IS: Blow back built to 1" blow
 FF:BOB in 15 min.
 FS: Blow back built to 1/2" blow



PRESSURE SUMMARY

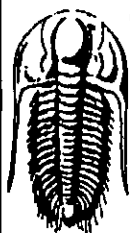
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2024.01	107.56	Initial Hydro-static
2	43.56	108.27	Open To Flow (1)
33	182.10	118.17	Shut-In(1)
93	1272.72	121.03	End Shut-In(1)
94	187.20	120.43	Open To Flow (2)
155	302.43	127.44	Shut-In(2)
248	1269.04	125.31	End Shut-In(2)
250	1890.72	122.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
496.00	MCO 5% m 95% o	5.33
62.00	MO 50% m 50% o	0.87
186.00	OCM 40% o 60% m	2.61

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co. Inc.

Cheney Trust "A" 2-25

250 N Water Ste 300
Wichita KS 67202

25-5-31 Rawlins KS

Job Ticket: 38252

DST#: 2

ATTN: Steve Miller

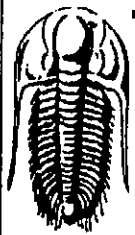
Test Start: 2010.05.12 @ 07:52:05

Tool Information

Drill Pipe:	Length: 3771.00 ft	Diameter: 3.80 inches	Volume: 52.90 bbl	Tool Weight: 1500.00 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: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 53.78 bbl</u>	Tool Chased 5.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3946.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Combination Sub	1.00			3926.00	
S.I. Tool	5.00			3931.00	
HYD S.I. Tool	5.00			3936.00	
Packer	5.00			3941.00	21.00 Bottom Of Top Packer
Packer	5.00			3946.00	
Stubb	1.00			3947.00	
Perforations	3.00			3950.00	
Recorder	0.00	8366	Inside	3950.00	
Recorder	0.00	8320	Outside	3950.00	
Perforations	25.00			3975.00	
Bullnose	3.00			3978.00	32.00 Bottom Packers & Anchor
Total Tool Length:		53.00			



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co. Inc.

Cheney Trust "A" 2-25

250 N Water Ste 300
Wichita KS 67202

25-5-31 Rawlins KS

Job Ticket: 38252

DST#: 2

ATTN: Steve Miller

Test Start: 2010.05.12 @ 07:52:05

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.94 in*

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
496.00	MCO 5% <i>m</i> 95% <i>o</i>	5.327
62.00	MO 50% <i>m</i> 50% <i>o</i>	0.870
186.00	OCM 40% <i>o</i> 60% <i>m</i>	2.609

Total Length: 744.00 ft Total Volume: 8.806 bbl

Num Fluid Samples: 0

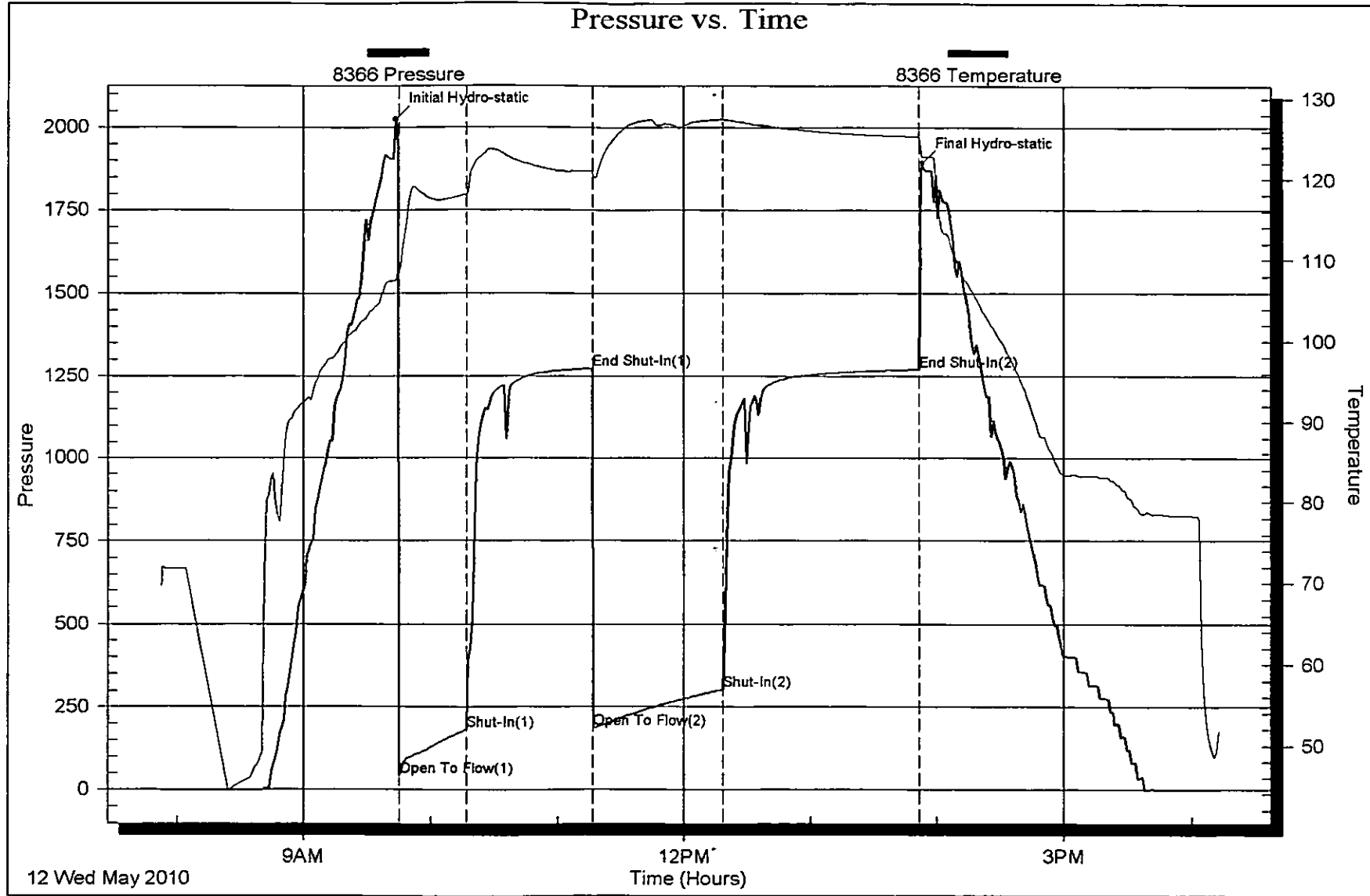
Num Gas Bombs: 0

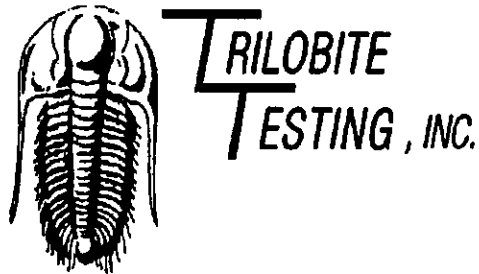
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: No free oil to check API





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co. Inc.**

250 N Water Ste 300
Wichita KS 67202

ATTN: Steve Miller

25-5-31 Rawlins KS

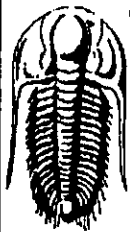
Cheney Trust "A" 2-25

Start Date: 2010.05.12 @ 22:13:05

End Date: 2010.05.13 @ 05:56:29

Job Ticket #: 38253 DST #: 3

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

ATTN: Steve Miller

Cheney Trust "A" 2-25

25-5-31 Rawlins KS

Job Ticket: 38253

DST#: 3

Test Start: 2010.05.12 @ 22:13:05

GENERAL INFORMATION:

Formation: **Lansing "D"**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 23:48:30

Time Test Ended: 05:56:29

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 46

Interval: **3880.00 ft (KB) To 3990.00 ft (KB) (TVD)**

Total Depth: 3928.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2935.00 ft (KB)

2930.00 ft (CF)

KB to GRVCF: 5.00 ft

Serial #: 8366

Inside

Press@RunDepth: 451.70 psig @ 3881.00 ft (KB)

Start Date: 2010.05.12 End Date: 2010.05.13

Start Time: 22:13:05 End Time: 05:56:29

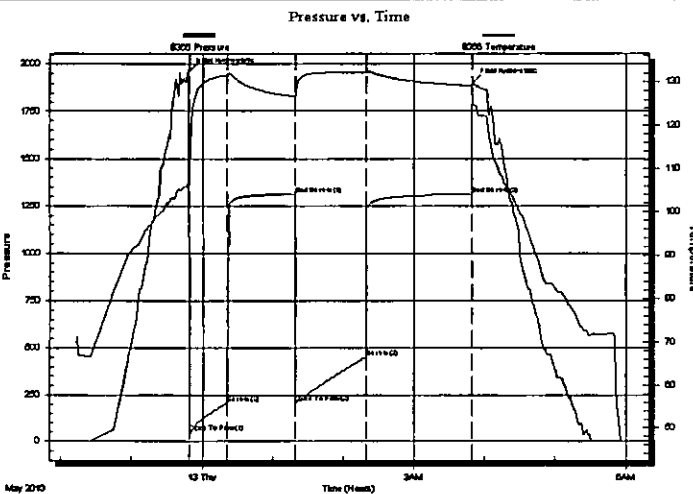
Capacity: 8000.00 psig

Last Calib.: 2010.05.13

Time On Btm: 2010.05.12 @ 23:48:00

Time Off Btm: 2010.05.13 @ 03:50:29

TEST COMMENT: IF:BOB in 8 min.
IS:1/2" blow back
FF:BOB in 8 min
FS:No return blow



PRESSURE SUMMARY

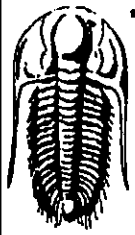
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1961.98	107.07	Initial Hydro-static
1	46.68	110.58	Open To Flow (1)
33	207.60	131.48	Shut-In(1)
91	1311.21	126.68	End Shut-In(1)
91	209.15	126.13	Open To Flow (2)
151	451.70	132.12	Shut-In(2)
241	1310.72	129.15	End Shut-In(2)
243	1907.40	124.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
826.00	SW 100%SW	9.96
10.00	MCO 20% m 80% o	0.14

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

ATTN: Steve Miller

Cheney Trust "A" 2-25

25-5-31 Rawlins KS

Job Ticket: 38253

DST#: 3

Test Start: 2010.05.12 @ 22:13:05

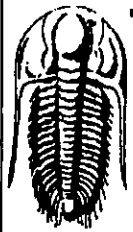
Tool Information

Drill Pipe:	Length: 3695.00 ft	Diameter: 3.80 inches	Volume: 51.83 bbl	Tool Weight: 1500.00 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: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 52.71 bbl</u>	Tool Chased 5.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3880.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	31.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Combination Sub	1.00			3860.00	
S.I. Tool	5.00			3865.00	
HYD S.I. Tool	5.00			3870.00	
Packer	5.00			3875.00	21.00 Bottom Of Top Packer
Packer	5.00			3880.00	
Stubb	1.00			3881.00	
Recorder	0.00	8366	Inside	3881.00	
Recorder	0.00	8320	Outside	3881.00	
Perforations	6.00			3887.00	
Bullnose	3.00			3890.00	10.00 Bottom Packers & Anchor
Total Tool Length:	31.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co. Inc.

Cheney Trust "A" 2-25

250 N Water Ste 300
Wichita KS 67202

25-5-31 Rawlins KS

Job Ticket: 38253

DST#: 3

ATTN: Steve Miller

Test Start: 2010.05.12 @ 22:13:05

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

4000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.92 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
826.00	SW 100%SW	9.956
10.00	MCO 20% m 80%o	0.140

Total Length: 836.00 ft Total Volume: 10.096 bbl

Num Fluid Samples: 0

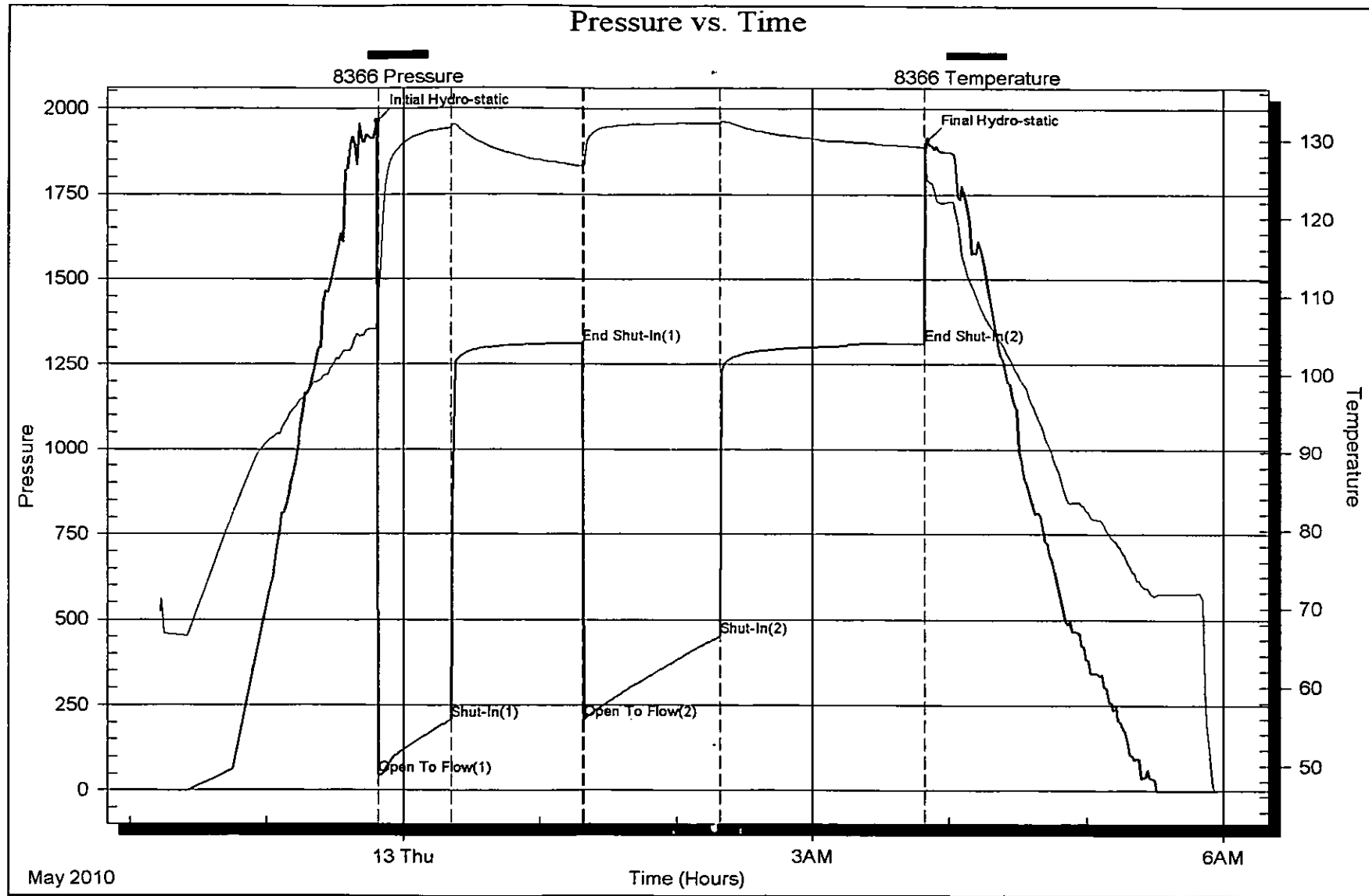
Num Gas Bombs: 0

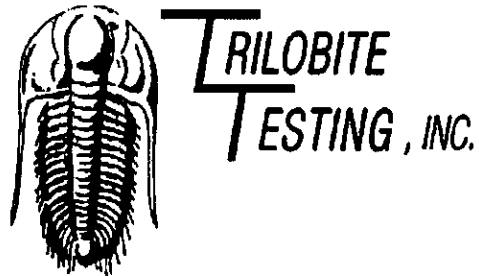
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=108@62 degrees=40,000





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co. Inc.**

250 N Water Ste 300
Wichita KS 67202

ATTN: Steve Miller

25-5-31 Rawlins KS

Cheney Trust "A" 2-25

Start Date: 2010.05.13 @ 13:40:05

End Date: 2010.05.13 @ 21:08:29

Job Ticket #: 38254 DST #: 4

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

ATTN: Steve Miller

Cheney Trust "A" 2-25

25-5-31 Rawlins KS

Job Ticket: 38254

DST#: 4

Test Start: 2010.05.13 @ 13:40:05

GENERAL INFORMATION:

Formation: **Lansing "F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:38:30

Time Test Ended: 21:08:29

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 46

Interval: **4000.00 ft (KB) To 4016.00 ft (KB) (TVD)**

Total Depth: 3928.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2935.00 ft (KB)

2930.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8366

Inside

Press@RunDepth: 63.03 psig @ 4003.00 ft (KB)

Start Date: 2010.05.13

End Date: 2010.05.13

Start Time: 13:40:05

End Time: 21:08:29

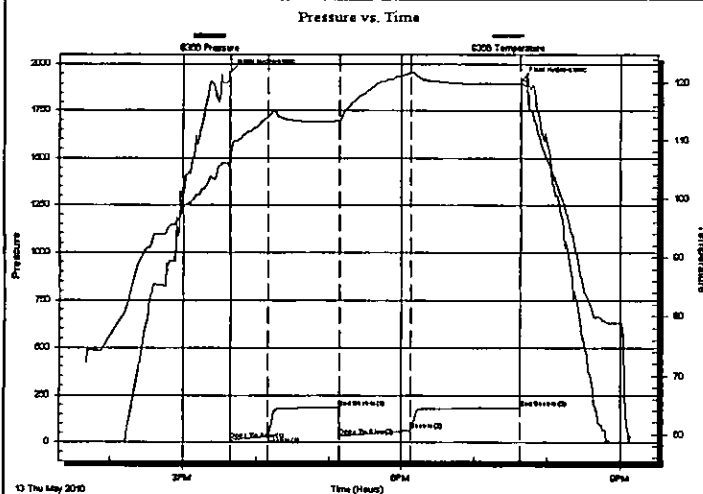
Capacity: 8000.00 psig

Last Calib.: 2010.05.13

Time On Btm: 2010.05.13 @ 15:38:00

Time Off Btm: 2010.05.13 @ 19:38:59

TEST COMMENT: IF: Built to 5" blow
IS: No return blow
FF: Built to 7" blow
FS: No return blow



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1953.29	107.04	Initial Hydro-static
1	13.18	107.57	Open To Flow (1)
32	32.24	113.99	Shut-In (1)
91	184.75	113.28	End Shut-In (1)
91	33.51	113.21	Open To Flow (2)
150	63.03	121.59	Shut-In (2)
240	182.81	119.85	End Shut-In (2)
241	1912.84	120.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	O 100%o	0.30
60.00	MCO 5% m 95%o	0.30
60.00	OCM 40%o 60% m	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co. Inc.

Cheney Trust "A" 2-25

250 N Water Ste 300
Wichita KS 67202

25-5-31 Rawlins KS

Job Ticket: 38254

DST#: 4

ATTN: Steve Miller

Test Start: 2010.05.13 @ 13:40:05

Tool Information

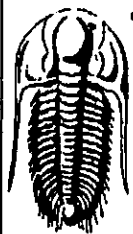
Drill Pipe:	Length: 3825.00 ft	Diameter: 3.80 inches	Volume: 53.65 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 54.53 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	4000.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	37.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Combination Sub	1.00			3980.00	
S.I. Tool	5.00			3985.00	
HYD S.I. Tool	5.00			3990.00	
Packer	5.00			3995.00	21.00 Bottom Of Top Packer
Packer	5.00			4000.00	
Stubb	1.00			4001.00	
Perforations	2.00			4003.00	
Recorder	0.00	8366	Inside	4003.00	
Recorder	0.00	8320	Outside	4003.00	
Perforations	10.00			4013.00	
Bullnose	3.00			4016.00	16.00 Bottom Packers & Anchor

Total Tool Length: 37.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co. Inc.

Cheney Trust "A" 2-25

250 N Water Ste 300
Wichita KS 67202

25-5-31 Rawlins KS

Job Ticket: 38254

DST#: 4

ATTN: Steve Miller

Test Start: 2010.05.13 @ 13:40:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.93 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 700.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	O 100%o	0.295
60.00	MCO 5% _m 95% _o	0.295
60.00	OCM 40% _o 60% _m	0.304

Total Length: 180.00 ft Total Volume: 0.894 bbl

Num Fluid Samples: 0

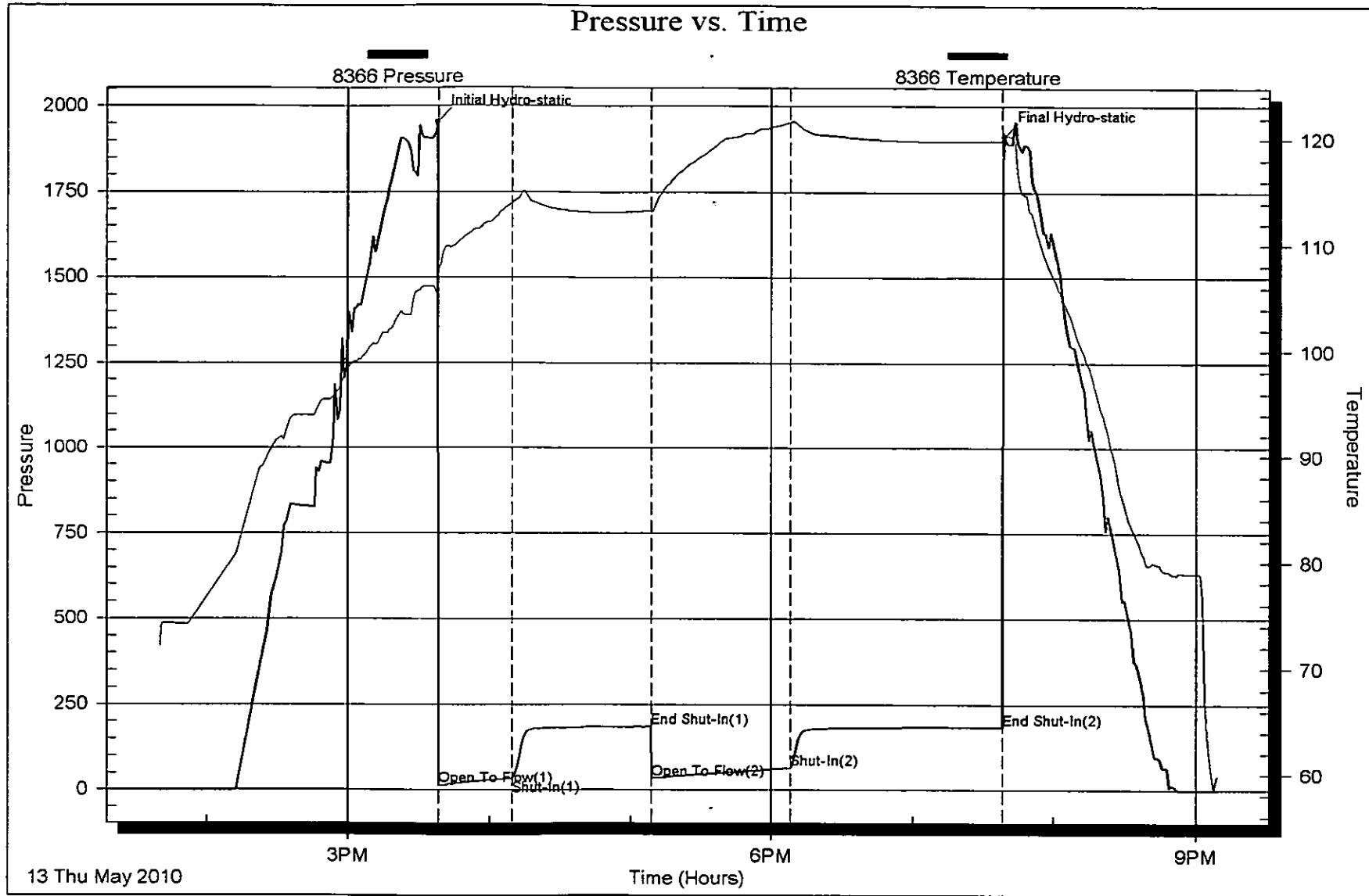
Num Gas Bombs: 0

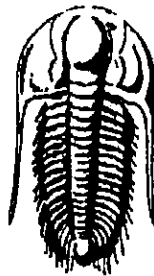
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API=36@60 degrees corrected to 36





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co. Inc.**

250 N Water Ste 300
Wichita KS 67202

ATTN: Steve Miller

25-5-31 Rawlins KS

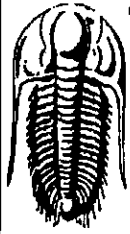
Cheney Trust "A" 2-25

Start Date: 2010.05.14 @ 06:13:00

End Date: 2010.05.14 @ 14:07:00

Job Ticket #: 37331 DST #: 5

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

ATTN: Steve Miller

Cheney Trust "A" 2-25

25-5-31 Rawlins KS

Job Ticket: 37331

DST#: 5

Test Start: 2010.05.14 @ 06:13:00

GENERAL INFORMATION:

Formation: **Lans. "G - H"**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 08:00:30

Time Test Ended: 14:07:00

Test Type: **Conventional Bottom Hole**

Tester: **James Winder**

Unit No: **46**

Interval: **4018.00 ft (KB) To 4070.00 ft (KB) (TVD)**

Total Depth: **4070.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2935.00 ft (KB)**

2930.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 8366

Inside

Press@RunDepth: **114.21 psig @ 4019.00 ft (KB)**

Start Date: **2010.05.14**

End Date:

2010.05.14

Capacity: **8000.00 psig**

Last Calib.: **2010.05.14**

Start Time: **06:13:05**

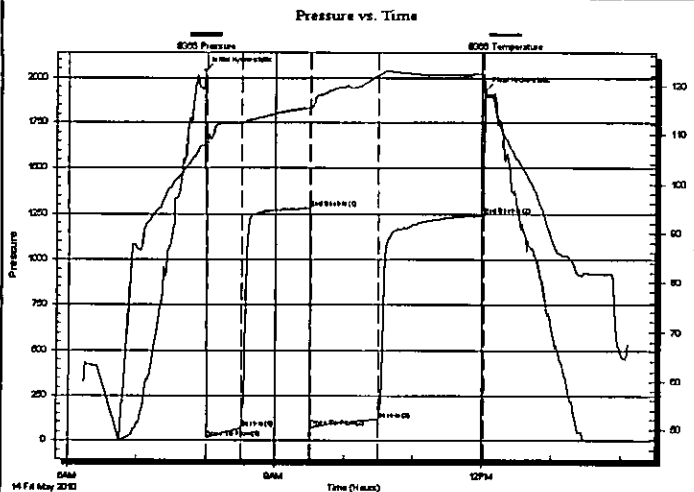
End Time:

14:06:59

Time On Btm: **2010.05.14 @ 07:59:00**

Time Off Btm: **2010.05.14 @ 12:02:30**

TEST COMMENT: IF: Blow built to 6 1/2"
IS: Bled off, No blow back
FF: Blow built to 8"
FS: Bled off, No blow back



PRESSURE SUMMARY

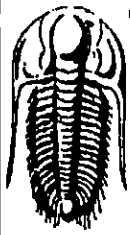
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2037.29	107.94	Initial Hydro-static
2	15.01	108.29	Open To Flow (1)
32	64.46	112.19	Shut-In(1)
91	1279.60	115.41	End Shut-In(1)
92	68.84	115.38	Open To Flow (2)
151	114.21	122.08	Shut-In(2)
243	1241.33	122.29	End Shut-In(2)
244	1932.82	119.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SO/MCW 75%w, 23% _m 2% _o	0.30
61.00	SO/MM 50% _m 42% _w , 6% _o , 2% _g	0.30
61.00	GO/WCM 73% _m 12% _w , 9% _o , 6% _g	0.30
15.00	GW/OCM 56% _m 22% _o , 15% _w , 7% _g	0.21
30.00	SM/WCO 95% _o , 3% _m 2% _w	0.42
0.00	GIP = 20'	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.

Cheney Trust "A" 2-25

250 N Water Ste 300
Wichita KS 67202

25-5-31 Rawlins KS

Job Ticket: 37331

DST#: 5

ATTN: Steve Miller

Test Start: 2010.05.14 @ 06:13:00

Tool Information

Drill Pipe:	Length: 3828.00 ft	Diameter: 3.80 inches	Volume: 53.70 bbl	Tool Weight: 1500.00 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: 182.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 72000.00 lb
			<u>Total Volume: 54.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4018.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	72.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
S.I. Tool	5.00			4003.00	
HYD S.I. Tool	5.00			4008.00	
Packer	5.00			4013.00	20.00 Bottom Of Top Packer
Packer	5.00			4018.00	
Stubb	1.00			4019.00	
Recorder	0.00	8366	Inside	4019.00	
Recorder	0.00	8320	Inside	4019.00	
Perforations	14.00			4033.00	
Blank Spacing	32.00			4065.00	
Perforations	2.00			4067.00	
Bullnose	3.00			4070.00	52.00 Bottom Packers & Anchor

Total Tool Length: 72.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co. Inc.

Cheney Trust "A" 2-25

250 N Water Ste 300
Wichita KS 67202

25-5-31 Rawlins KS

Job Ticket: 37331

DST#: 5

ATTN: Steve Miller

Test Start: 2010.05.14 @ 06:13:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 34.8 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 40000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 5.58 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 1200.00 ppm		
Filter Cake: 2.00 inches		

Recovery Information

Recovery Table

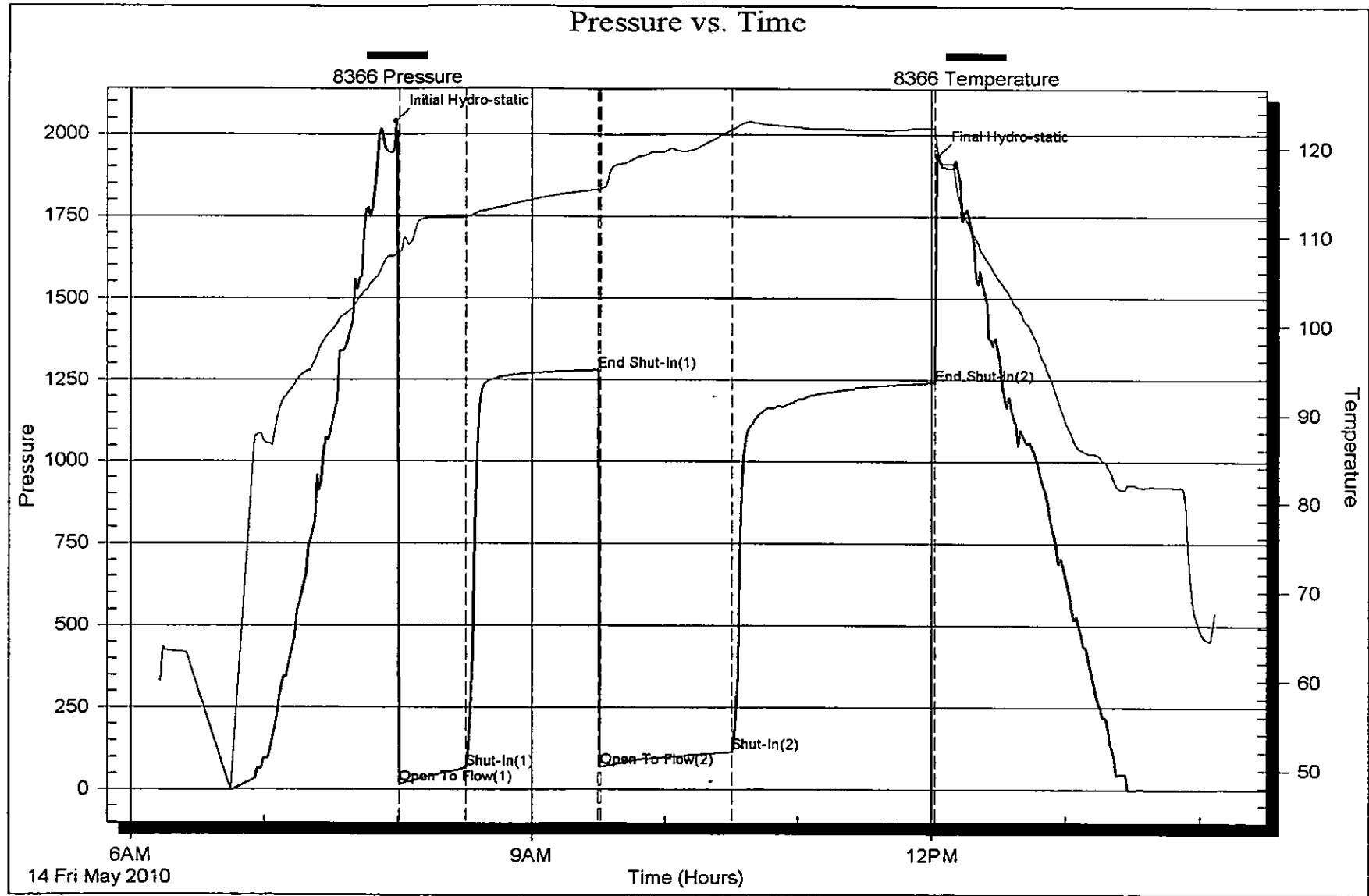
Length ft	Description	Volume bbl
60.00	SOMCV 75%w, 23%m, 2%o	0.295
61.00	SOWM 50%m, 42%w, 6%o, 2%g	0.300
61.00	GOWCM 73%m, 12%w, 9%o, 6%g	0.300
15.00	GWOCM 56%m, 22%o, 15%w, 7%g	0.210
30.00	SMMCO 95%o, 3%m, 2%w	0.421
0.00	GIP = 20'	0.000

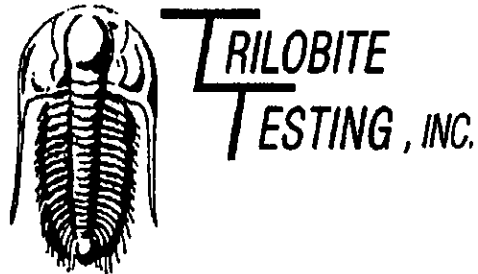
Total Length: 227.00 ft Total Volume: 1.526 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: 36 api @ 72 deg F = Corrected Gravity 34.8 api
RW = .179 ohms @ 72.6 deg F = Chlorides = 40,000 ppm





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co. Inc.**

250 N Water Ste 300
Wichita KS 67202

ATTN: Steve Miller

25-5-31 Rawlins KS

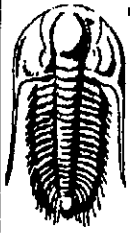
Cheney Trust "A" 2-25

Start Date: 2010.05.15 @ 00:06:00

End Date: 2010.05.15 @ 07:50:00

Job Ticket #: 37332 DST #: 6

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
ATTN: Steve Miller

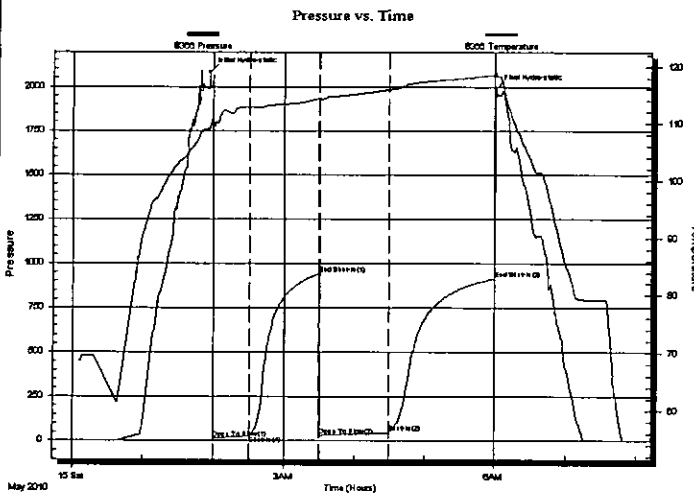
Cheney Trust "A" 2-25
25-5-31 Rawlins KS
Job Ticket: 37332 DST#: 6
Test Start: 2010.05.15 @ 00:06:00

GENERAL INFORMATION:

Formation: **Lans. "J - K"**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: 02:00:00
Time Test Ended: 07:50:00
Test Type: **Conventional Bottom Hole**
Tester: **James Winder**
Unit No: **46**
Interval: **4074.00 ft (KB) To 4136.00 ft (KB) (TVD)**
Reference Elevations: **2935.00 ft (KB)**
2930.00 ft (CF)
Total Depth: **4136.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
KB to GR/CF: **5.00 ft**

Serial #: 8366 **Inside**
Press@RunDepth: **45.40 psig @ 4075.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2010.05.15** End Date: **2010.05.15** Last Calib.: **2010.05.15**
Start Time: **00:06:05** End Time: **07:49:59** Time On Btm: **2010.05.15 @ 01:57:00**
Time Off Btm: **2010.05.15 @ 06:01:00**

TEST COMMENT: IF: Blow built to 2 1/4"
IS: Bled off, No blow back
FF: Blow built to 2 1/2"
FS: Bled off, No blow back



PRESSURE SUMMARY

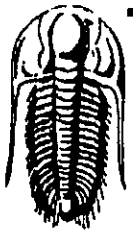
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2084.21	109.20	Initial Hydro-static
3	14.26	110.60	Open To Flow (1)
34	27.62	112.88	Shut-In (1)
93	940.55	114.37	End Shut-In (1)
94	31.05	114.64	Open To Flow (2)
153	45.40	115.91	Shut-In (2)
243	912.44	118.49	End Shut-In (2)
244	1990.81	118.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
4.00	OO 96%o, 2%g, 2%m	0.02
60.00	OCM 71%m, 24%o, 5%g	0.30
0.00	Gravity = 33 api	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.

Cheney Trust "A" 2-25

250 N Water Ste 300
Wichita KS 67202

25-5-31 Rawlins KS

Job Ticket: 37332

DST#: 6

ATTN: Steve Miller

Test Start: 2010.05.15 @ 00:06:00

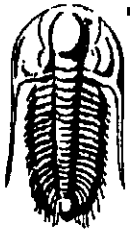
Tool Information

Drill Pipe:	Length: 3890.00 ft	Diameter: 3.80 inches	Volume: 54.57 bbl	Tool Weight: 1500.00 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: 182.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 55.47 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4074.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.00 ft			
Tool Length:	82.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
S.I. Tool	5.00			4059.00	
HYD S.I. Tool	5.00			4064.00	
Packer	5.00			4069.00	20.00 Bottom Of Top Packer
Packer	5.00			4074.00	
Stubb	1.00			4075.00	
Recorder	0.00	8366	Inside	4075.00	
Recorder	0.00	8320	Inside	4075.00	
Perforations	20.00			4095.00	
Blank Spacing	33.00			4128.00	
Perforations	5.00			4133.00	
Bullnose	3.00			4136.00	62.00 Bottom Packers & Anchor

Total Tool Length: 82.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co. Inc.

Cheney Trust "A" 2-25

250 N Water Ste 300
Wichita KS 67202

25-5-31 Rawlins KS

Job Ticket: 37332

DST#: 6

ATTN: Steve Miller

Test Start: 2010.05.15 @ 00:06:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	33 deg API
Mud Weight: 9.00 lb/gal	Cushion Length:	Water Salinity:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume:		
Water Loss: 5.58 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure:		
Salinity: 1200.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
4.00	OO 96%o, 2%g, 2%m	0.020
60.00	OCM 71%m, 24%o, 5%g	0.295
0.00	Gravity = 33 api	0.000

Total Length: 64.00 ft Total Volume: 0.315 bbl

Num Fluid Samples: 0

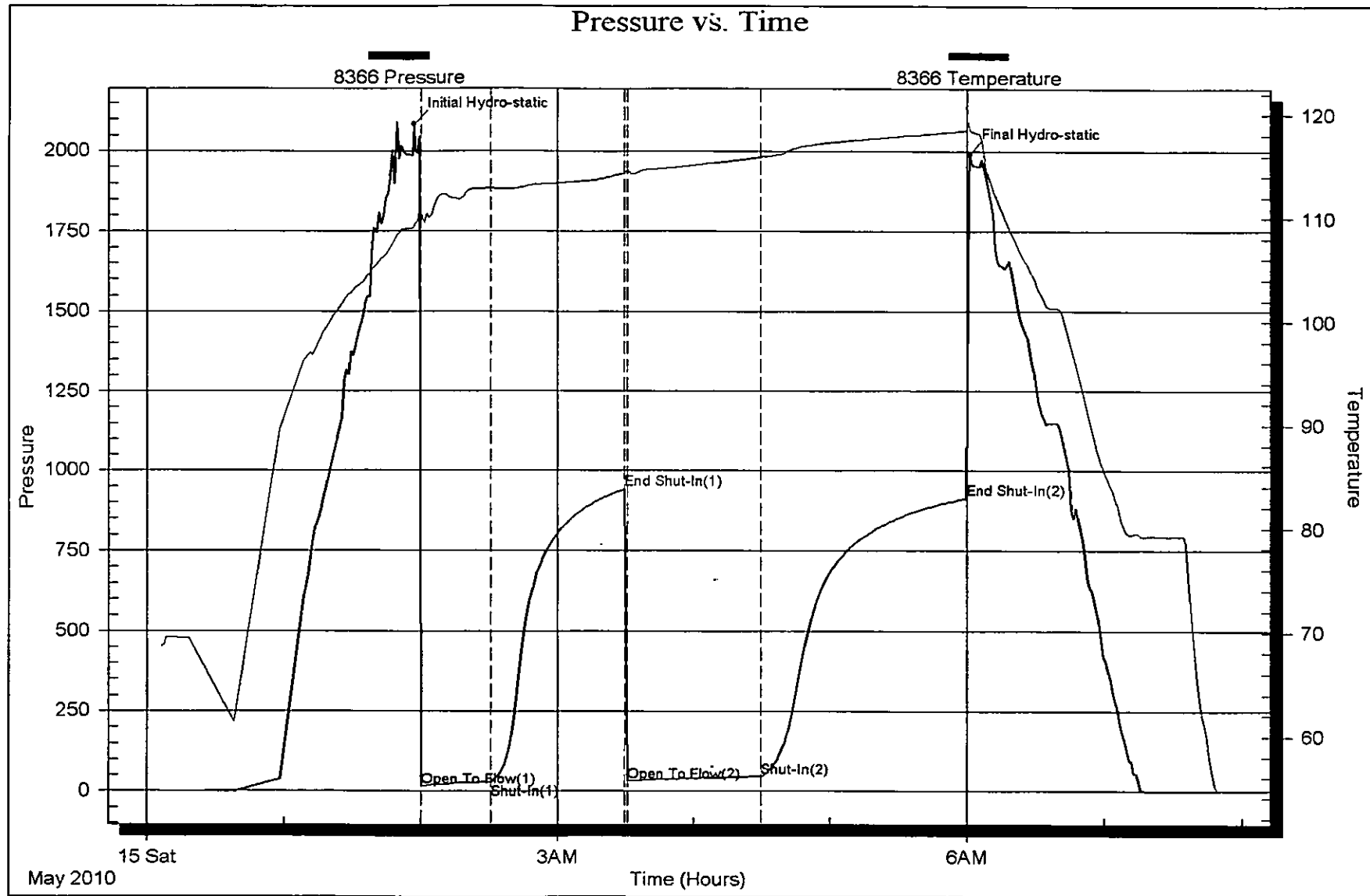
Num Gas Bombs: 0

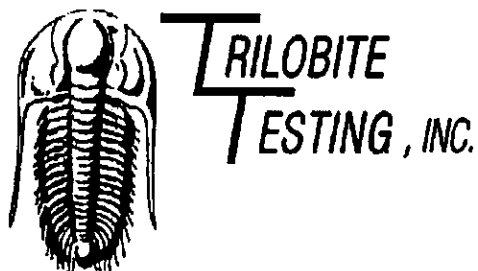
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co. Inc.**

250 N Water Ste 300
Wichita KS 67202

ATTN: Steve Miller

25-5-31 Rawlins KS

Cheney Trust "A" 2-25

Start Date: 2010.05.16 @ 13:04:00

End Date: 2010.05.16 @ 19:43:00

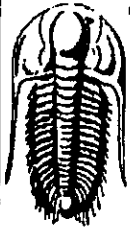
Job Ticket #: 37333 DST #: 7

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KCC WICHITA

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

ATTN: Steve Miller

Cheney Trust "A" 2-25

25-5-31 Rawlins KS

Job Ticket: 37333

DST#: 7

Test Start: 2010.05.16 @ 13:04:00

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 14:48:30

Time Test Ended: 19:43:00

Test Type: **Conventional Bottom Hole**

Tester: **James Winder**

Unit No: **46**

Interval: **4365.00 ft (KB) To 4406.00 ft (KB) (TVD)**

Total Depth: **4406.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2935.00 ft (KB)**

2930.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 8366

Inside

Press@RunDepth: **31.43 psig @ 4366.00 ft (KB)**

Start Date: **2010.05.16**

End Date:

2010.05.16

Capacity: **8000.00 psig**

Last Calib.: **2010.05.16**

Start Time: **13:04:05**

End Time:

19:42:59

Time On Btm: **2010.05.16 @ 14:47:30**

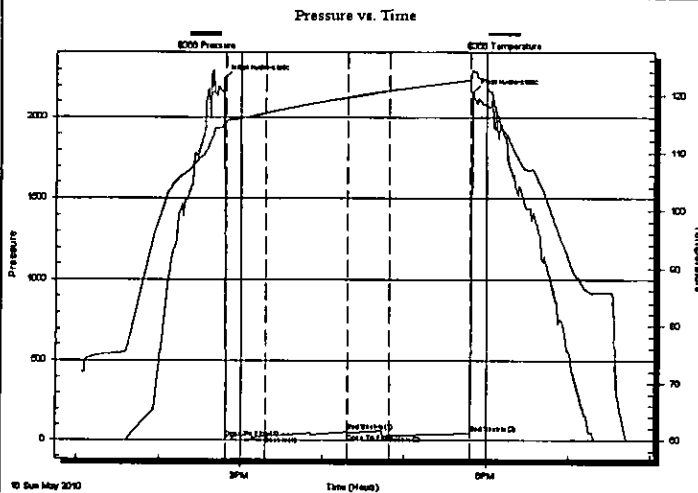
Time Off Btm: **2010.05.16 @ 17:50:00**

TEST COMMENT: **IF: Blow built to and stayed @ just over 1/4"**

IS: Bled off, No blow back

FF: No blow

FS: No blow back



PRESSURE SUMMARY

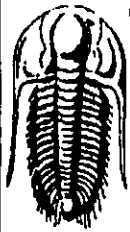
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2241.34	115.31	Initial Hydro-static
1	14.18	114.84	Open To Flow (1)
31	26.61	116.85	Shut-In(1)
91	53.63	119.60	End Shut-In(1)
91	43.15	119.62	Open To Flow (2)
122	31.43	120.80	Shut-In(2)
181	42.68	122.69	End Shut-In(2)
183	2155.23	124.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud w/trace oil 100% _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.

Cheney Trust "A" 2-25

250 N Water Ste 300
Wichita KS 67202

25-5-31 Rawlins KS

Job Ticket: 37333

DST#: 7

ATTN: Steve Miller

Test Start: 2010.05.16 @ 13:04:00

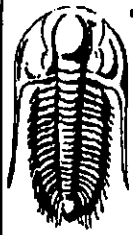
Tool Information

Drill Pipe:	Length: 4176.00 ft	Diameter: 3.80 inches	Volume: 58.58 bbl	Tool Weight: 1500.00 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: 182.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 96000.00 lb
			<u>Total Volume: 59.48 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4365.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	64.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
S.I. Tool	5.00			4350.00	
HYD S.I. Tool	5.00			4355.00	
Packer	5.00			4360.00	20.00 Bottom Of Top Packer
Packer	5.00			4365.00	
Stubb	1.00			4366.00	
Recorder	0.00	8366	Inside	4366.00	
Recorder	0.00	8320	Inside	4366.00	
Perforations	40.00			4406.00	
Bullnose	3.00			4409.00	44.00 Bottom Packers & Anchor
Total Tool Length:	64.00				



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co. Inc.

Cheney Trust "A" 2-25

250 N Water Ste 300
Wichita KS 67202

25-5-31 Rawlins KS

Job Ticket: 37333

DST#: 7

ATTN: Steve Miller

Test Start: 2010.05.16 @ 13:04:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.92 in³

Gas Cushion Type:

Resistivity: 0.00 ohm m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud w/trace oil 100% _m	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

