

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

KCC

6/14/10

OPERATOR: License # 30606
Name: Murfin Drilling Company, Inc. JUN 14 2010
Address 1: 250 N. Water, Suite 300 **CONFIDENTIAL**
Address 2: _____
City: Wichita State: KS Zip: 67202 + _____
Contact Person: Leon Rodak
Phone: (316) 267-3241
CONTRACTOR: License # 30606 **RECEIVED**
Name: Murfin Drilling Company, Inc. JUN 15 2010
Wellsite Geologist: Brad Rine
Purchaser: MV Purchasing **KCC WICHITA**

API No. 15 - 195-22643-0000
Spot Description: _____
N2_NE_NE_SE Sec. 8 Twp. 12 S. R. 24 East West
2,580 Feet from North / South Line of Section
330 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Trego
Lease Name: Hobston Unit Well #: 1-8
Field Name: Unknown

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

Producing Formation: LKC
Elevation: Ground: 2472 Kelly Bushing: 2477
Total Depth: 4140 Plug Back Total Depth: 4113
Amount of Surface Pipe Set and Cemented at: 218 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 2102 Feet
If Alternate II completion, cement circulated from: 2102
feet depth to: surface w/ 180 sx cmt.

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 #: _____
02/19/10 02/24/10 03/18/10
Spud Date or 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: 06/14/10

KCC Office Use ONLY

Letter of Confidentiality Received Date: 6-14-10
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NJS Date: 6-2-10

Operator Name: Murfin Drilling Company, Inc. Lease Name: Hobston Unit Well #: 1-8
 Sec. 8 Twp. 12 S. R. 24 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 Wireline 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, <i>W</i> 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;"> KCC JUN 14 2010 CONFIDENTIAL </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#	218	Common	150	3% cc, 2% gel
Production		5 1/2	15.5#	4135	EA-2	150	

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 (Amount and Kind of Material Used)	Depth
4	3995 - 4004 LKC "I"	750 gal 15% MCA	
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TUBING RECORD: Size: <u>2-7/8</u> Set At: <u>4096</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. _____		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>147</u>	Gas Mcf _____ Water Bbls. <u>0</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>3995 - 4004</u>
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MDCI Hobston Unit #1-8 2580 FSL 330 FEL Sec. 8-T12S-R24W 2477' KB							MDCI Dietz 'L' #1-8 1750 FNL 1450 FEL Sec. 8-12S-24W 2494' KB	
Formation	Sample top	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
Anhydrite	2067	+410	-4	2065	+412	-2	2080	+414
B/Anhydrite	2107	+370	-2	2104	+373	+1	2122	+372
Topeka	3575	-1098	-2	3573	-1096	Flat	3590	-1096
Heebner	3802	-1325	-7	3798	-1321	-3	3812	-1318
Toronto	3822	-1345	-7	3818	-1341	-3	3832	-1338
Lansing	3837	-1360	-8	3832	-1355	-3	3846	-1352
BKC	4082	-1605	-8	4074	-1597	Flat	4091	-1597
Pawnee							4196	-1702
Fort Scott							4294	-1800
Cherokee							4314	-1820
Mississippi							4390	-1896
RTD	4140						4470	-1972
LTD				4136	-1659		4468	-1974

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 JUN 15 2010
 KCC WICHITA



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

Accty - cc Liz
cc WF
cc Leon g. 1

Invoice

DATE	INVOICE #
3/8/2010	17535

BILL TO
Murfin Drilling Co Inc P. O. Box 130 Hill City, KS 67642-0130

KCC
JUN 14 2010
CONFIDENTIAL
• Acidizing
• Cement
• Tool Rental

New well
[Signature]

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-8	Hobston	Trego	Murfin Drilling	Oil	Development	Cement Port Collar	Dave
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				40	Miles	5.00	200.00
576D-D	Pump Charge - Port Collar				1	Job	1,100.00	1,100.00
290	D-Air				2	Gallon(s)	35.00	70.00T
279	Bentonite Gel				3	Sack(s)	20.00	60.00T
330	Swift Multi-Density Standard (MIDCON II)				180	Sacks	14.00	2,520.00T
276	Flocele				63	Lb(s)	1.50	94.50T
581D	Service Charge Cement				250	Sacks	1.50	375.00
583D	Drayage				499.26	Ton Miles	1.00	499.26
	Subtotal							4,918.76
	Sales Tax Trego County						5.80%	159.18
PORTCOLLAR						RECEIVED JUN 15 2010 KCC WICHITA		
Thank You For Your Business!							Total	\$5,077.94



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

KCC
 JUN 14 2010
 CONFIDENTIAL

TICKET
 17535

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>HAYS</u>	WELL/PROJECT NO. <u>1-8</u>	LEASE <u>HOBBSTON</u>	COUNTY/PARISH <u>TREGO</u>	STATE <u>KS</u>	CITY	DATE <u>03-08-10</u>	OWNER
2. <u>NESS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <u>MURFIN</u>	SHIPPED VIA <u>C.T.</u>	DELIVERED TO <u>15, 16, 3/4 W, VDDA 07-70</u>	ORDER NO.	
3.	WELL TYPE <u>OIL</u>	WELL CATEGORY <u>DEVELOP</u>	JOB PURPOSE <u>CMT & PORT COLLAL</u>	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE #112	40		M		5.00	200	00
576		1			Pump Service	1		EA		1100.00	1100	00
290		1			DAIR	2		GAL		35.00	70	00
279		1			BENTONITE GEL	3		SKS		20.00	60	00
330		2			SMD CMT	180		SK		14.00	2520	00
276		2			FLUCCLE	63		LB		1.50	94	50
581		2			SERVICE CHC CMT	250		SK		1.50	375	00
583		2			DRAYAGE	499.26		TR		1.00	499	26

RECEIVED
 JUN 15 2010
 KCC WICHITA

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 03-08-10 TIME SIGNED 0900 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?				4918 76
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				159 18
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL 5077 94

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

SWIFT OPERATOR [Signature] APPROVAL _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 123-08-10 PAGE NO. 7

CUSTOMER MURFINDRQ WELL NO. 1-8 LEASE HOBSTON UNIT JOB TYPE CMT: PRT CYLAR TICKET NO. 17535

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0900							QUALIFICATION CMT: 250SIS SMD 2 7/8 X 5 1/2 FOOT COLLAR @ 2102
	0915		15	-	✓	1100	1100	PSI TEST OPEN P.C.
	0918	35	2.5	✓		400		INJECTION RATE
		40	0	✓		400		START GEL
			6.0	✓		400		START TO CIRC MUD!
			10.0	-		400		END GEL 350S GEL TOTAL
			0	✓		400		START CMT @ 11.2#
			8.0	-		500		CIRC OUT GEL
			90.0	✓		500		CIRC CMT TO PIT, MIX 20SIS @ 14#
	0950		95.0	✓		600		SMD CMT
	0953		11.5	✓		700		DISP
								CLOSE P.C. KCC
	1000			✓	✓	1200	1200	PSI TEST HOLDING RUNS JOINTS JUN 14 2010
	1010	3.0	0		✓	200		REV. OUT CONFIDENTIAL
			12.0		✓			1ST FLAG
			14.0		-			2ND FLAG
	1020		25.0		-			ALL CLEAR
								TOTAL GEL 300 LBS TOTAL CMT 180 SIS 20SIS TO PIT!
	1100							RECEIVED JUN 15 2010 KCC WICHITA
								JRB COMPLETE THANK YOU! DAVE, JOE + B. JASSONF.



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



MCCLY
cc: Liz
cc: WF
cc: Leon p.1

Invoice

DATE	INVOICE #
2/25/2010	16895

BILL TO
Murfin Drilling Co Inc P. O. Box 130 Hill City, KS 67642-0130

New well
II
J-97

- Acidizing
- Cement
- Tool Rental

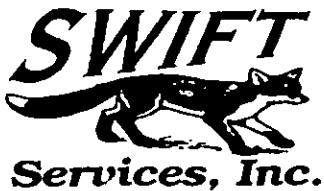
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JUN 15 2010
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TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-8	Hobston	Trego	Murfin Drilling	Oil	Development	LongString	Nick

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	45	Miles	5.00	225.00
578D-L	Pump Charge - Long String - 4140 Feet	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	10	Each	55.00	550.00T
403-5	5 1/2" Cement Basket	1	Each	180.00	180.00T
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	10	Each	40.00	400.00T
419-5	5 1/2" Rotating Head Rental	1	Each	150.00	150.00T
325	Standard Cement	190	Sacks	11.00	2,090.00T
276	Flocele	50	Lb(s)	1.50	75.00T
283	Salt	950	Lb(s)	0.15	142.50T
284	Calseal	9	Sack(s)	30.00	270.00T
285	CFR-1	150	Lb(s)	4.00	600.00T
581D	Service Charge Cement	190	Sacks	1.50	285.00
583D	Drayage	448	Ton Miles	1.00	448.00
	Subtotal				10,635.50
	Sales Tax Trego County			5.80%	480.10

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KCC WICHITA

We Appreciate Your Business!	Total	\$11,115.60
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CHARGE TO: Murfin Drly Co. Inc.
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

KCC
 JUN 14 2010
 CONFIDENTIAL

TICKET
 No. 16895

PAGE	OF
1	2

SERVICE LOCATIONS 1. <u>Hays, Ks.</u> 2. <u>Ness City, Ks.</u>	WELL/PROJECT NO. <u>#1-8</u>	LEASE <u>Hobstan</u>	COUNTY/PARISH <u>Trego</u>	STATE <u>Ks</u>	CITY	DATE <u>2-25-10</u>	OWNER <u>S.A.M.E.</u>
TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Murfin Drly #</u>	RIG NAME/NO.	SHIPPED VIA <u>T</u>	DELIVERED TO <u>Location</u>	ORDER NO.		
WELL TYPE <u>oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Longstring</u>	WELL PERMIT NO.	WELL LOCATION			
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #111	45	mi			5 ⁰⁰	225 ⁰⁰
578		1			Pump Charge (Longstring)	1	ea	4140	'	1400 ⁰⁰	1400 ⁰⁰
221		1			KCL	4	gal			25 ⁰⁰	100 ⁰⁰
280		1			Flocheck-21	500	gal			2 ⁵⁰	1250 ⁰⁰
290		1			D-Air	2	gal			35 ⁰⁰	70 ⁰⁰
402		1			Centralizers	10	ea	5 1/2	"	55 ⁰⁰	550 ⁰⁰
403		1			Baskets	1	ea			180 ⁰⁰	180 ⁰⁰
404		1			Part Collar	1	ea			1900 ⁰⁰	1900 ⁰⁰
406		1			L.D. Plug & Baffle	1	ea			225 ⁰⁰	225 ⁰⁰
407		1			Insert Float Shoe w/fill	1	ea			275 ⁰⁰	275 ⁰⁰
413		1			Rot Wall Scraper	10	ea			40 ⁰⁰	400 ⁰⁰
419		1			Rotating Head	1	ea			150 ⁰⁰	150 ⁰⁰

RECEIVED
 JUN 15 2010
 KCC WICHITA

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
 DATE SIGNED 2-25-10 TIME SIGNED 0920 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 1	6725 ⁰⁰
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				page 2	3910 ⁵⁰
WE UNDERSTOOD AND MET YOUR NEEDS?				subtotal	10635 ⁵⁰
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				REGO TAX 5.8%	480 ¹⁰
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL	11,115 ⁶⁰
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 Mark Kuzee APPROVAL Wade King

Thank You!



PO Box 466
 Ness City, KS 67560
 Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 16895

CUSTOMER Martin D. Co. Inc WELL #1-8 Hobston DATE 2-25-10 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	UM	QTY.	UM		
325		2				Standard Cement	190	sk			11.00	2090.00
276		2				Flocele	50	#			1.50	75.00
283		2				Salt	950	#			.15	142.50
284		2				Calsed	9	sk			30.00	270.00
285		2				CFR-1	150	#			4.00	600.00
RECEIVED JUN 15 2010 KCCWICHTA JUN 14 2010 KCC CONFIDENTIAL												
581		2				SERVICE CHARGE	190				1.50	285.00
583		2				MILEAGE CHARGE	TOTAL WEIGHT 19910	LOADED MILES 45			1.60	448.00

CONTINUATION TOTAL 3910.00

JOB LOG

SWIFT Services, Inc.

DATE 7-25-10 PAGE NO. 1

CUSTOMER: Martin D. & Co. Inc. WELL NO: 4-8 LEASE: Hebster JOB TYPE: Longstring TICKET NO: 16895

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0300							on loc w/ FE
								RTD 4140' 5 1/2" x 15.5 # x 4138' x 15' cent 1,2,3,4,6,8,10,12,14,16 Basket 48 P.C. 49 @ 2107'
	0500							start FE
	0600							Break circ 1/2 way 20 min
	0715							Bottom Circ 1 hr
	0830	3.5	0				200	start KCL Flush 15 bbl
		3.5	15/0				200	start Flocheck 12 bbl
		3.5	12/0				200	start KCL flush 5 bbl
	0839	5.5	5/0				250	start Cement 150 sks EA-2
	0846		36					End Cement wash P+L Drop L.D. Plug
	0850	6.5	0				150	start Displacement
	0901	5	70				200	Catch Cement
	0907		98				700/1500	hard Plug Release Pressure Flat held
	0910	2.5	7/4					Plug R/H & Mouse Hole works EA-2

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JUN 1 2010
KCC WICHITA

KCC
JUN 14 2010
CONFIDENTIAL

Thank you
Nick, Josh F. & Lane

Quality Oilwell Cementing Inc.

Invoice

740 W WICHITA
 P.O. Box 32
 Russell, KS 67665

Date	Invoice #
2/22/2010	2316

PROD COPY

Bill To
Murfin Drilling Company P.O. Box 288 Russell Ks 67665

USED FOR _____

APPROVED _____

*operator pay
 moc
 om*

P.O. No.	Terms	Project
	Net 30	

Quantity	Description	Rate	Amount
150	common	10.50	1,575.00T
3	GEL	17.00	51.00T
5	Calcium	42.00	210.00T
158	handling	2.00	316.00
1	MILEAGE CHARGE	350.00	350.00
1	surface pipes 0-500ft	450.00	450.00
50	pump truck mileage charge	7.00	350.00
367	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	-1.00	-367.00T
293	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	-1.00	-293.00

LEASE: HOLOSTON WELL #1-8
 Trogo county Sales Tax

5.80% 85.20

*HOUSTON 1-8
 om*

RECEIVED
 JUN 15 2010
 KCC WICHITA

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 JUN 14 2010
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Account	Unit Fig	W L	No.	Amount	Description
03600	016	W	3603	2429.20	Cement S. Sg.

Thank you for your business. Dave

Total

\$2,727.20

QUALITY OILWELL CEMENTING, INC.

No. 3738

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

Home Office P.O. Box 32 Russen, KS 66560

Date	2-19-10	Sec.	8	Twp.	12	Range	24	County	Trego	State	Kansas	On Location	Six Star	Finish	
Lease	Hobbs	Well No.	1-8		Location						Vada Rd & T-70 SW 1/4 15 W				
Contractor	Martin Drilling			Rig 16			Owner								
Type Job	Surface			To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.											
Hole Size	12 1/4	T.D.	219		Charge To										
Csg.	8 3/8	Depth	218		Martin Drilling Co.										
Tbg. Size		Depth			Street										
Tool		Depth			City										
Cement Left in Csg.	10-15'	Shoe Joint	1		State										
Meas Line		Displace	13 Bbl		The above was done to satisfaction and supervision of owner agent or contractor.										

CEMENT

Amount Ordered	150 Com 30 Lb 200lb	
Common	150 @ 10.50	
Poz. Mix		
Gel.	3 @ 17.00	51.00
Calcium	5 @ 42.00	210.00
Hulls		
Salt		
Flowseal		
Handling	158 @ 2.00	316.00
Mileage		350.00

EQUIPMENT

Pumptrk	1	No.	Cementer	
			Helper	Steve
Bulktrk	11	No.	Driver	Brandon
			Driver	Rocky

JOB SERVICES & REMARKS

Remarks: Cement did Circulate

RECEIVED

JUN 15 2010

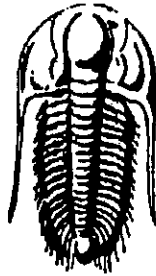
KCC WICHITA

FLOAT EQUIPMENT

Guide Shoe		KCC
Centralizer		JUN 14 2010
Baskets		CONFIDENTIAL
AFU Inserts		

Pumptrk Charge	Surface	450.00
Mileage	50 @ 7.00	350.00
Tax		
Discount		
Total Charge		

Signature: [Handwritten Signature]



**TRILOBITE
TESTING, INC.**

**KCC
JUN 14 2010
CONFIDENTIAL**

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co**

250 N Water Ste 300, Wichita, KS 67202

ATTN: Brad Rine

8-12s-24w Trego, KS

Hobston Unit #1-8

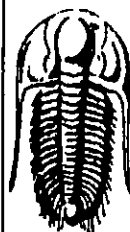
Start Date: 2010.02.23 @ 02:25:47

End Date: 2010.02.23 @ 10:15:56

Job Ticket #: 37014 DST #: 1

**RECEIVED
JUN 15 2010
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
250 N Water Ste 300, Wichita, KS 67202
ATTN: Brad Rine

Hobston Unit #1-8
8-12s-24w Trego, KS
Job Ticket: 37014 DST#: 1
Test Start: 2010.02.23 @ 02:25:47

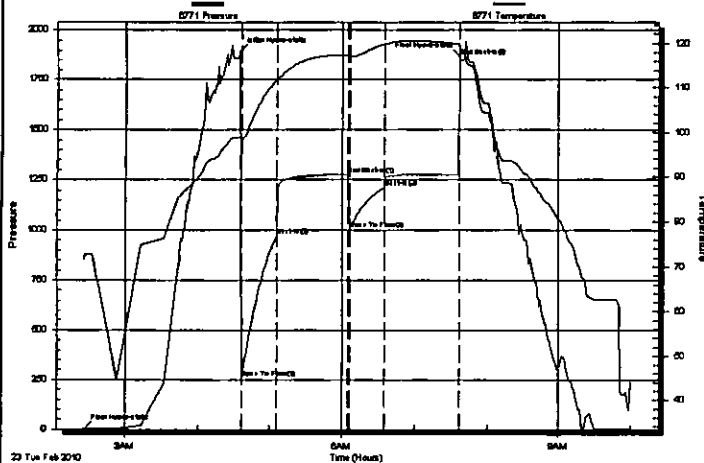
GENERAL INFORMATION:

Formation: **B-F**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: **04:35:57**
Time Test Ended: **10:15:56**
Interval: **3860.00 ft (KB) To 3936.00 ft (KB) (TVD)**
Total Depth: **3936.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **Shane McBride**
Unit No: **40**
Reference Elevations: **2477.00 ft (KB)**
2472.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6771 **Outside**
Press@RunDepth: **1212.35 psig @ 3861.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2010.02.23** End Date: **2010.02.23** Last Calib.: **2010.02.23**
Start Time: **02:25:47** End Time: **10:00:56** Time On Btm: **2010.02.23 @ 04:35:12**
Time Off Btm: **2010.02.23 @ 02:26:08**

TEST COMMENT: B.O.B. in 1 min.
No return
B.O.B. in 2 1/2 min died back to 4 1/2" in.
No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0			Final Hydro-static
130	1895.37	98.95	Initial Hydro-static
130	249.53	98.45	Open To Flow (1)
160	978.79	111.76	Shut-In(1)
220	1275.35	117.39	End Shut-In(1)
220	1002.52	117.28	Open To Flow (2)
250	1212.35	119.87	Shut-In(2)
311	1277.28	119.91	End Shut-In(2)
312	1870.78	119.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	m c w 30% m 70% w	2.25
120.00	s m c w 10% m 90% w	1.68
2160.00	water 100% w	30.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co
250 N Water Ste 300, Wichita, KS 67202

Hobston Unit #1-8
8-12s-24w Trego, KS
Job Ticket: 37014 DST#: 1
Test Start: 2010.02.23 @ 02:25:47

ATTN: Brad Rine

Tool Information

Drill Pipe:	Length: 3835.00 ft	Diameter: 3.80 inches	Volume: 53.79 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume: 53.94 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3860.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	76.00 ft			
Tool Length:	103.00 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			3834.00	
Shut In Tool	5.00			3839.00	
Hydraulic tool	5.00			3844.00	
Jars	5.00			3849.00	
Safety Joint	2.00			3851.00	
Packer	5.00			3856.00	27.00 Bottom Of Top Packer
Packer	4.00			3860.00	
Stubb	1.00			3861.00	
Recorder	0.00	8368	Inside	3861.00	
Recorder	0.00	6771	Outside	3861.00	
Perforations	5.00			3866.00	
Change Over Sub	1.00			3867.00	
Drill Pipe	63.00			3930.00	
Change Over Sub	1.00			3931.00	
Bullnose	5.00			3936.00	76.00 Bottom Packers & Anchor

Total Tool Length: 103.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co
250 N Water Ste 300, Wichita, KS 67202

ATTN: Brad Rine

Hobston Unit #1-8
8-12s-24w Trego, KS
Job Ticket: 37014 DST#: 1
Test Start: 2010.02.23 @ 02:25:47

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:	49500 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.98 in ³	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

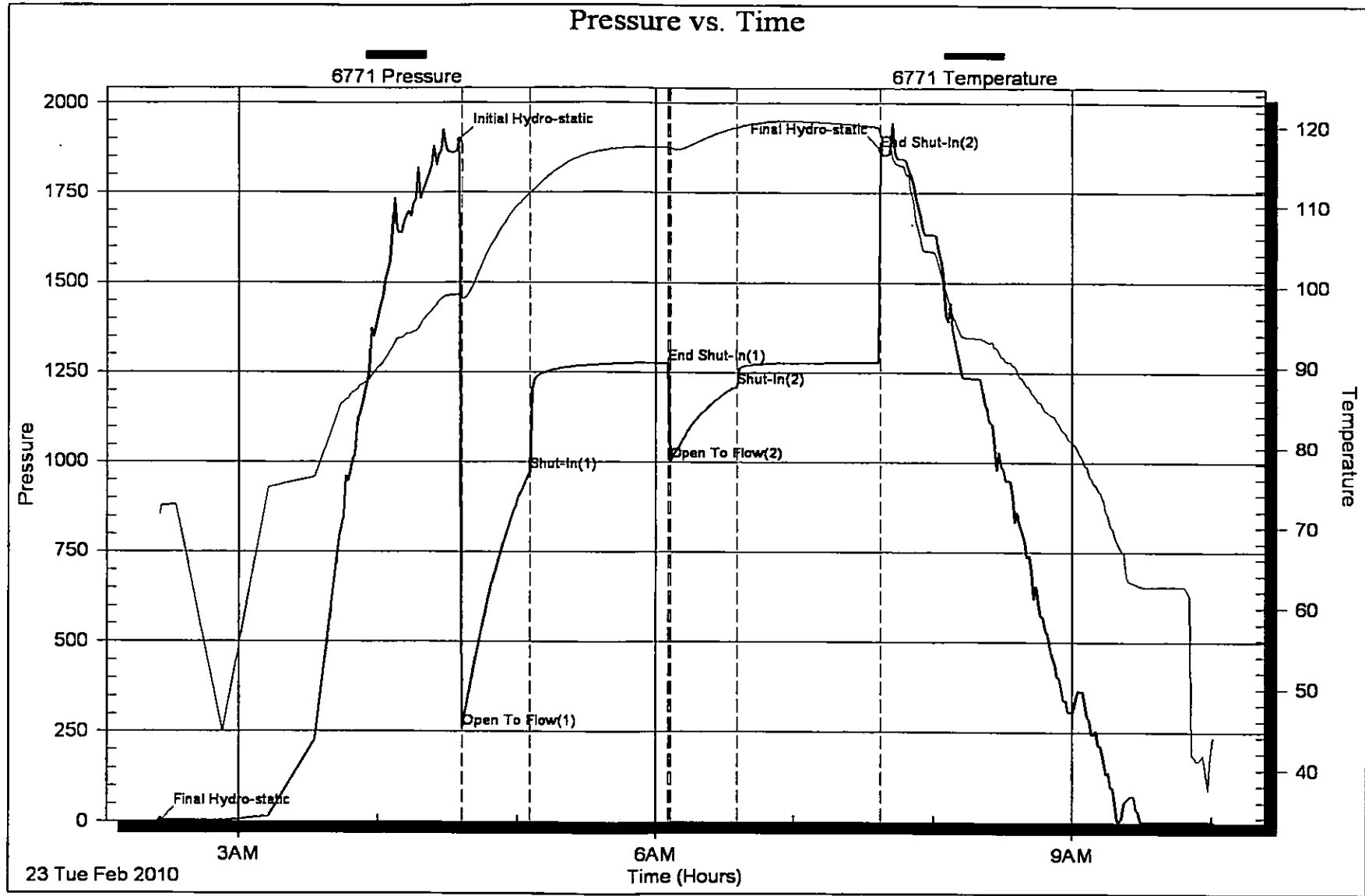
Length ft	Description	Volume bbl
180.00	m c w 30%m 70%w	2.252
120.00	s m c w 10%m 90%w	1.683
2160.00	water 100%w	30.299

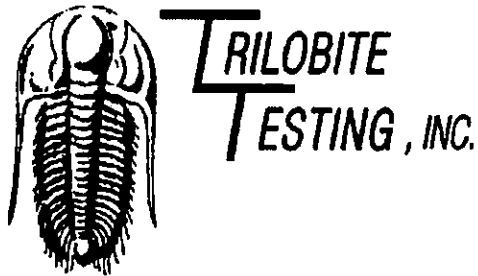
Total Length: 2460.00 ft Total Volume: 34.234 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: rw .164 @ 62^of = 49,500 chlor





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co**

250 N Water Ste 300, Wichita, KS 67202

ATTN: Brad Rine

8-12s-24w Trego, KS

Hobston Unit #1-8

Start Date: 2010.02.23 @ 19:45:57

End Date: 2010.02.24 @ 04:50:07

Job Ticket #: 37015 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Murfin Drilling Co

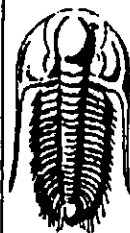
Hobston Unit #1-8

8-12s-24w Trego, KS

DST # 2

1

2010.02.23



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co
250 N Water Ste 300, Wichita, KS 67202

ATTN: Brad Rine

Hobston Unit #1-8
8-12s-24w Trego, KS
Job Ticket: 37015 DST#: 2
Test Start: 2010.02.23 @ 19:45:57

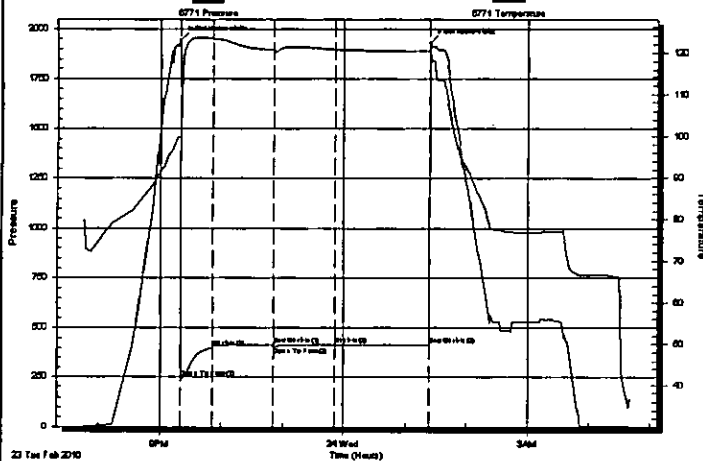
GENERAL INFORMATION:

Formation: I
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:20:22
Time Test Ended: 04:50:07
Interval: 3989.00 ft (KB) To 4008.00 ft (KB) (TVD)
Total Depth: 4008.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 40
Reference Elevations: 2477.00 ft (KB)
2472.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6771 Outside
Press@RunDepth: 415.62 psig @ 3990.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.02.23 End Date: 2010.02.24 Last Calib.: 2010.02.24
Start Time: 19:45:57 End Time: 04:41:07 Time On Btm: 2010.02.23 @ 21:20:07
Time Off Btm: 2010.02.24 @ 01:23:37

TEST COMMENT: B.O.B. in 1/2 min.
Return to B.O.B. in 10 min
B.O.B. @ open
Return blow built to 5" in.

Pressure vs. Time



PRESSURE SUMMARY

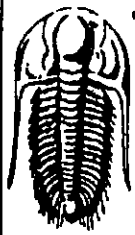
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1945.16	99.58	Initial Hydro-static
1	244.84	99.82	Open To Flow (1)
31	401.97	123.36	Shut-In(1)
91	415.04	120.69	End Shut-In(1)
91	404.86	120.65	Open To Flow (2)
152	415.62	120.86	Shut-In(2)
243	416.51	120.51	End Shut-In(2)
244	1930.36	118.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
155.00	c g o 25%g 75%o	1.90
806.00	c g o 25%g 75%o reversed out	11.31
124.00	g m c o 20%g 35%m 45%o	1.74
0.00	1581' gas in pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co
250 N Water Ste 300, Wichita, KS 67202

Hobston Unit #1-8
8-12s-24w Trego, KS
Job Ticket: 37015 DST#: 2
Test Start: 2010.02.23 @ 19:45:57

ATTN: Brad Rine

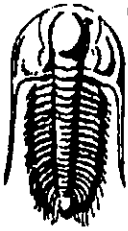
Tool Information

Drill Pipe:	Length: 3962.00 ft	Diameter: 3.80 inches	Volume: 55.58 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 55.73 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3989.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	46.00 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			3963.00	
Shut In Tool	5.00			3968.00	
Hydraulic tool	5.00			3973.00	
Jars	5.00			3978.00	
Safety Joint	2.00			3980.00	
Packer	5.00			3985.00	27.00 Bottom Of Top Packer
Packer	4.00			3989.00	
Stubb	1.00			3990.00	
Recorder	0.00	8368	Inside	3990.00	
Recorder	0.00	6771	Outside	3990.00	
Perforations	13.00			4003.00	
Bullnose	5.00			4008.00	19.00 Bottom Packers & Anchor

Total Tool Length: 46.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co
250 N Water Ste 300, Wichita, KS 67202
ATTN: Brad Rine

Hobston Unit #1-8
8-12s-24w Trego, KS
Job Ticket: 37015 DST#: 2
Test Start: 2010.02.23 @ 19:45:57

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 35 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.39 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 3000.00 ppm		
Filter Cake: 2.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
155.00	c g o 25%g 75%o	1.901
806.00	c g o 25%g 75%o reversed out	11.306
124.00	g m c o 20%g 35%m 45%o	1.739
0.00	1581' gas in pipe	0.000

Total Length: 1085.00 ft Total Volume: 14.946 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: gravity 33 @ 40*f =35

