

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

RECEIVED

JUL 20 2010

ORIGINAL

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

7/19/12

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC WICHITA

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: Brad Rine
Purchaser: MV Purchasing

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Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

03/23/10 03/30/10 04/14/10
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 039-21114-0000

Spot Description: _____

NW SW NE SE Sec. 28 Twp. 3 S. R. 27 East West

1,680 Feet from North / South Line of Section

1,280 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Decatur

Lease Name: Krizek Well #: 1-28

Field Name: Wildcat

Producing Formation: LKC

Elevation: Ground: 2617 Kelly Bushing: 2622

Total Depth: 3830 Plug Back Total Depth: 3786

Amount of Surface Pipe Set and Cemented at: 218 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 2173 Feet

If Alternate II completion, cement circulated from: 2173

feet depth to: 0 w/ 170 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: _____

Title: VP Production Date: 07/19/10

KCC Office Use ONLY

- Letter of Confidentiality Received Date: 7-19-10 - 7/19/12
- Confidential Release Date: _____
- Wireline Log Received rbk
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NS Date: 7-21-10

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Operator Name: Murfin Drilling Company, Inc. Lease Name: Krizek **JUL 19 2010** Well #: 1-28
 Sec. 28 Twp. 3 S. R. 27 East West County: Decatur **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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Attached List	
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run: Dual Induction, Compensated Porosity, Microresistivity			

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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	160	3% cc, 2% gel
Production		5 1/2	15.5#	3811	EA-2	150	

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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	3703 - 3718 LKC "K"	350 gal 15% MCA	

TUBING RECORD:	Size: <u>2-3/8</u>	Set At: <u>3751</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>05/07/10</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 Bbbs. <u>25</u>	Gas Mcf	Water Bbbs. <u>33</u>	Gas-Oil Ratio <u>36.8</u>

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>3703-3718</u>
---	--	--

MDCI Krizek #1-28 1680 FSL 1280 FEL Sec. 28-T3S-R27W 2622' KB							MDCI Krizek #1-28 (P&A) 1875 FSL 1950 FEL Sec. 28-T3S-R27W 2604' KB		
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum	
Anhydrite	2162	+460	-1	2163	+459	-2	2143	+461	
B/Anhydrite	2193	+429	-1	2195	+429	-1	2174	+430	
Topeka	3326	-704	+3	3330	-708	-1	3311	-707	
Heebner	3496	-874	+3	3499	-877	Flat	3481	-877	
Toronto	3527	-905	Flat	3526	-907	-3	3508	-904	
Lansing	3541	-919	-2	3540	-918	-1	3521	-917	
BKC	3739	-1117	+3	3740	-1118	+2	3724	-1120	
RTD	3830						3755		
LTD				3834			3736		

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PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887
Fax: (785) 483-5566

creat. by

INVOICE

Invoice Number: 122001

Invoice Date: Mar 23, 2010

Page: 1

Bill To:
Murfin Drfg. Co., Inc.
250 N. Water
STE #300
Wichita, KS 67202

operator pay mdc/bm

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Murfin	Krizek #1-28	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Mar 23, 2010	4/22/10

Quantity	Item	Description	Unit Price	Amount
160.00	MAT	Class A Common	15.45	2,472.00
3.00	MAT	Gel	20.80	62.40
5.00	MAT	Chloride	58.20	291.00
168.00	SER	Handling	2.40	403.20
35.00	SER	Mileage 168 sx @ .10 per sk per mi	16.80	588.00
1.00	SER	Surface	1,018.00	1,018.00
35.00	SER	Pump Truck Mileage	7.00	245.00

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

\$ 1227.86

ONLY IF PAID ON OR BEFORE
Apr 17, 2010

Subtotal	5,079.60
Sales Tax	178.00
Total Invoice Amount	5,257.60
Payment/Credit Applied	
TOTAL	5,257.60

mm

ALLIED CEMENTING CO., LLC. 043599

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

SERVICE POINT:
DAKLEX

DATE <u>3-23-10</u>	SEC <u>28</u>	TWP. <u>35</u>	RANGE <u>27 W</u>	CALLED OUT	ON LOCATION <u>7:00 PM</u>	JOB START <u>7:00 PM</u>	JOB FINISH <u>7:30 PM</u>
LEASE <u>KRIEGER</u>	WELL # <u>1-28</u>	LOCATION <u>DRESDEN 9N-4E-1/4 W</u>			COUNTY <u>DECATUR</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>INTO</u>			

CONTRACTOR <u>MURFIN DRUG REG #8</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>SURFACE</u>	
HOLE SIZE <u>12 1/4"</u>	T.D. <u>219'</u>
CASING SIZE <u>8 5/8"</u>	DEPTH <u>219'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>13 BBLs</u>	

CEMENT AMOUNT ORDERED 160 SKS COM 3% CC 2% CC 1

COMMON	<u>160 SKS</u>	@	<u>15 45/100</u>	<u>2472.00</u>
POZMIX		@		
GEL	<u>3 SKS</u>	@	<u>20.00</u>	<u>62.40</u>
CHLORIDE	<u>5 SKS</u>	@	<u>58.20</u>	<u>291.00</u>
ASC		@		

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HANDLING	<u>168 SKS</u>	@	<u>2.40</u>	<u>403.20</u>
MILEAGE	<u>104 PER SK/MILE</u>			<u>588.00</u>
TOTAL				<u>3816.60</u>

EQUIPMENT

PUMP TRUCK # <u>423-281</u>	CEMENTER <u>TERRY</u>
	HELPER <u>LARENE</u>
BULK TRUCK # <u>377</u>	DRIVER <u>WILBUR</u>
BULK TRUCK #	DRIVER

REMARKS:

CEMENT did CIRC.
CIRC. 3 BBLs TO PET.

THANK YOU

CHARGE TO: MURFIN DRUG, CO.
STREET _____
CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>219'</u>			
PUMP TRUCK CHARGE			<u>1018</u>	
EXTRA FOOTAGE		@		
MILEAGE	<u>35 MI</u>	@	<u>7 50/100</u>	
MANIFOLD		@		
TOTAL				<u>1263.20</u>

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

Accty -

cc: Liz
cc: WF
cc: Loan p. 1



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



Invoice

DATE	INVOICE #
4/9/2010	17453

BILL TO
Murfin Drilling Co Inc - Russell P. O. Box 288 Russell, KS 67665-0288

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- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-28	Krizek	Decatur	Company Tools	Oil	Development	Port Collar	Nick
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	5.00	400.00
576D-D	Pump Charge - Port Collar - 2173 Feet				1	Job	1,100.00	1,100.00
279	Bentonite Gel				4	Sack(s)	25.00	100.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
330	Swift Multi-Density Standard (MIDCON II)				170	Sacks	15.00	2,550.00T
276	Flocele				50	Lb(s)	1.50	75.00T
581D	Service Charge Cement				300	Sacks	1.50	450.00
583D	Drayage				1,173	Ton Miles	1.00	1,173.00
	Subtotal							5,918.00
	Sales Tax Decatur County						6.30%	176.09
<p>USED FOR <i>new well</i></p> <p>APPROVED <i>[Signature]</i></p>								<p>RECEIVED</p> <p>JUL 20 2010</p> <p>KCC WICHITA</p>
Thank You For Your Business!							Total	\$6,094.09



CHARGE TO: *Martin Dely Co. Inc.*
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

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 JUL 20 2010

TICKET
 17453

PAGE 1 OF 1

KCC WICHITA

SERVICE LOCATIONS 1. <i>Hays, Ks.</i> 2. <i>Ness City, Ks.</i>	WELL/PROJECT NO. <i>#1-28</i>	LEASE <i>Krizek</i>	COUNTY/PARISH <i>DeCATUR</i>	STATE <i>Ks</i>	CITY	DATE <i>4-9-10</i>	OWNER <i>Samu</i>
TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>Co Tools</i>	RIG NAME/NO.	SHIPPED VIA <i>C/T</i>	DELIVERED TO <i>Location</i>	ORDER NO.		
WELL TYPE <i>oil</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>Port Collar</i>	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							
<i>575</i>		<i>1</i>			MILEAGE <i>#111</i>	<i>80</i>	<i>mi</i>			<i>5.00</i>	<i>400.00</i>
<i>5760</i>		<i>1</i>			<i>Pump Charge (Port Collar)</i>	<i>1 ea</i>		<i>2173</i>	<i>'</i>	<i>1100.00</i>	<i>1100.00</i>
<i>279</i>		<i>1</i>			<i>Bentonite gel</i>	<i>4</i>	<i>skts</i>			<i>25.00</i>	<i>100.00</i>
<i>290</i>		<i>1</i>			<i>D-Air</i>	<i>120</i>	<i>skts</i>	<i>2</i>	<i>gal</i>	<i>35.00</i>	<i>70.00</i>
<i>330</i>		<i>2</i>			<i>SMD Cement</i>	<i>170</i>	<i>skts</i>			<i>15.00</i>	<i>2550.00</i>
<i>276</i>		<i>2</i>			<i>Flocele</i>	<i>50</i>	<i>skts</i>			<i>1.50</i>	<i>75.00</i>
<i>581</i>		<i>2</i>			<i>Cement Service Charge</i>	<i>300</i>	<i>skts</i>			<i>1.50</i>	<i>450.00</i>
<i>583</i>		<i>2</i>			<i>Prayage</i>	<i>1173</i>	<i>JM</i>			<i>1.00</i>	<i>1173.00</i>

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 *Kevin Axelsson*
 DATE SIGNED *4-9-10* TIME SIGNED *1235* 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	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				<i>DeCATUR TAX @ 6.3%</i>	<i>176.09</i>
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	<i>6094.09</i>
<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 *Nick Korke* APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 4-9-10 PAGE NO. 1

CUSTOMER *Murfin Ody Co* WELL NO. *#1-28* LEASE *Krizek* JOB TYPE *Port Cellar* TICKET NO. *17453*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1040							on loc setup Trk
								2 7/8" x 5 1/2" P.C. 2173'
	1120					1000		Test Csg to 1000 Psi Open P.C.
	1125	4	3			450		Take inj rate & check for blow
	1130	4.5	0			500		start G-11
		4.5	12/0			500		well circ / start water
		4.5	10/0			500		start Cement
		4.5	80			950		Circ Cement / raise weight
		4.5	35/0			950		End Cement / start Displacement
	1150		7.5					Cement Displaced
								Close P.C.
						1000		Test csg to 1000 Psi
								run 5' its
	1205	3	0			150		reverse out
	1210		18					Hold clean
								170 sks SMD circ 25 sks to pit

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Thank you
Nick, Josh & Russ



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



Acctg
a: Liz
ca: WT
ca: Leon p 1

Invoice

DATE	INVOICE #
3/30/2010	17446

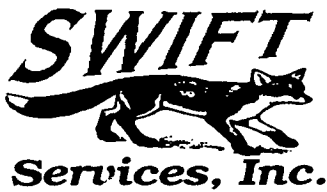
BILL TO
Murfin Drilling Co Inc PO Box 661 Colby, KS 67701-0661

- Acidizing
- Cement
- Tool Rental **KCC**

JUL 19 2010

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TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-28	Krizek	Decatur	Company Rig #8	Oil	Development	Cement LongStri...	Don
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				90	Miles	5.00	450.00
578D-L	Pump Charge - Long String - 3812 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				2	Each	180.00	360.00T
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				200	Sacks	11.00	2,200.00T
276	Flocele				50	Lb(s)	1.50	75.00T
283	Salt				1,000	Lb(s)	0.15	150.00T
284	Calseal				10	Sack(s)	30.00	300.00T
285	CFR-1				141	Lb(s)	4.00	564.00T
581D	Service Charge Cement				200	Sacks	1.50	300.00
583D	Drayage				941.9	Ton Miles	1.00	941.90
Subtotal								11,660.90
Sales Tax Decatur County							6.30%	539.85
USED FOR NEW WIT								
APPROVED								
RECEIVED								
JUL 20 2010								
KCC WICHITA								
We Appreciate Your Business!							Total	\$12,200.75



CHARGE TO: Mission Drilling Co.
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

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 JUL 20 2010
 KCC WICHITA
 TICKET 17446
 PAGE 1 OF 2

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SERVICE LOCATIONS 1. <u>Hays, KS</u> 2. <u>Ness City, KS</u>	WELL/PROJECT NO. <u>1-28</u>	LEASE <u>Krizek</u>	COUNTY/PARISH <u>Decatur</u>	STATE <u>Ks</u>	CITY	DATE <u>3-30-10</u>	OWNER
TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Co Rig</u>	RIG NAME/NO. <u>#8</u>	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>NE/Decatur, KS</u>	ORDER NO.		
WELL TYPE <u>OIL</u>	WELL CATEGORY <u>Wildcat</u>	JOB PURPOSE <u>Cement Longstring</u>	WELL PERMIT NO.	WELL LOCATION			
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			UM		UM	
575		1			MILEAGE #113	90	mi	5.00		450.00
578		1			Pump Charge - cont Longstring	1	ea	1400.00	3812	1400.00
221		1			Liquid KCC	4	gal	25.00		100.00
280		1			Fla-check 21	500	gal	250		1250.00
290		1			D-AIR	2	gal	35.00		70.00
402		1			Centralizers	10	ea	55.00	5 1/2 in	550.00
403		1			Cement Brackets	2	ea	180.00	5 1/2 in	360.00
404		1			Port Collar	1	ea	1900.00	5 1/2 in	1900.00
406		1			Latch Down Plug & Baffle	1	ea	225.00	5 1/2 in	225.00
407		1			Insert Float Shoe w/ Auto Bell	1	ea	275.00	5 1/2 in	275.00
413		1			Rot Wheel Scratchers	10	ea	40.00	50 ft	400.00
419		1			Rotating Head Rental	1	ea	150.00	5 1/2 in	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 Bub Slos
 DATE SIGNED 3-30-10 TIME SIGNED 2400 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	P.1 PAGE TOTAL	7130.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				P.2	4530.90
WE UNDERSTOOD AND MET YOUR NEEDS?				sub total	11660.90
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Decatur TAX 0.3%	539.85
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL	12,200.75
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 Don Lemma APPROVAL _____

Thank You!



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

TICKET CONTINUATION

TICKET No. 17446

CUSTOMER: Martin Dr. B. WELL: #1-28 Krizek DATE: 3-30-10 PAGE: 2 OF: 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M		
325		2				Standard Cement EA-2	300	SKS	1880	lbs	11.22	2300.00
276		2				Floccap			50	lbs	1.50	75.00
283		2				Salt 10%	1000	lbs			.15	150.00
284		2				Calseal 5%	940	lbs	10	SK	30.00	300.00
285		2				CFR-1 34%	141	lbs			4.00	564.00

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581		2				SERVICE CHARGE Cement					CUBIC FEET	200 SKS	1.50	300.00
583		2				MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES				1.00	941.90
							20931 lbs	90	941.895					

CONTINUATION TOTAL: 4530.90

JOB LOG

SWIFT Services, Inc.

DATE 3-30-10 PAGE NO. 1

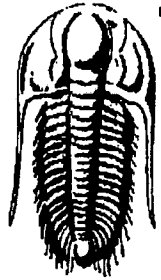
CUSTOMER Martin Drilling Co. WELL NO. 1-28 LEASE Krizek JOB TYPE Cement Lining TICKET NO. 17446

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1915							On location with Float Equip.
	2015							Start 5 1/2 15.5 #/ft. casing to 3812
								Insert float sleeve w/ Auto fill
								L.D. Baffle - 5' 5' 22'
								Cent 1 thru 9 & 38
								Brackets 38 & 39 - (50' scratches) ^{Rx}
								P.C. #39 @ 2174'
								Drop ball 6 wt out
	2155							Casing on bottom - Try to pull up
	2205							Start Cir & Rotate Casing
	2305							Cir 1 HR - (Descend well)
								Fin cir. - Hook to tub
		5					200	Pump KCL wtr
		5					200	Pump 500 gal Flock-21
		5 1/2					200	Pump KCL wtr spacer
		4 1/2					200	Start 150 SKS EA-2-cut @ 15.5'
	2330							Fin cent.
								Wash Pump & Lines
	2335	8	70				300	Drop L.D. Plug - Start Displ. (1st 20-KCL)
		8	70				400	@ 70 BBI - Caught lift
		7	80				500	
		5	88				650	
		5	90				725	Psi before Plug down
	2350		90 1/2				1400	Plug Down - Hold - Release - Hold.
			7 1/4					Plug RH 30 SKS cut
			6 1/2					Plug WH 20 SKS cut
	2400							Job Complete
								Wash up & Pack up

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Thanks
Dan, Doug & Lane

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co.**

250 N. Water
Suite 300
Wichita Ks. 67202

ATTN: Brad Rine

28-3s-27w Decatur KS

Krizek 1-28

Start Date: 2010.03.26 @ 19:15:00

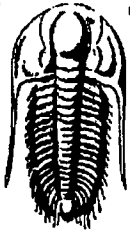
End Date: 2010.03.27 @ 03:02:00

Job Ticket #: 37300 . 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.

Krizek 1-28

250 N. Water
Suite 300
Wichita Ks. 67202
ATTN: Brad Rine

28-3s-27w Decatur KS

Job Ticket: 37300 **DST#: 1**

Test Start: 2010.03.26 @ 19:15:00

GENERAL INFORMATION:

Formation: **Oread**

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

Time Tool Opened: 21:23:30

Time Test Ended: 03:02:00

Test Type: **Conventional Bottom Hole**

Tester: **Chuck Kreuzer Jr.**

Unit No: **36**

Interval: **3481.00 ft (KB) To 3500.00 ft (KB) (TVD)**

Reference Elevations: **2622.00 ft (KB)**

Total Depth: **3500.00 ft (KB) (TVD)**

2618.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Good**

KB to GR/CF: 4.00 ft

Serial #: 6672 **Inside**

Press@RunDepth: **130.06 psig @ 3482.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.03.26**

End Date: **2010.03.27**

Last Calib.: **2010.03.27**

Start Time: **19:15:05**

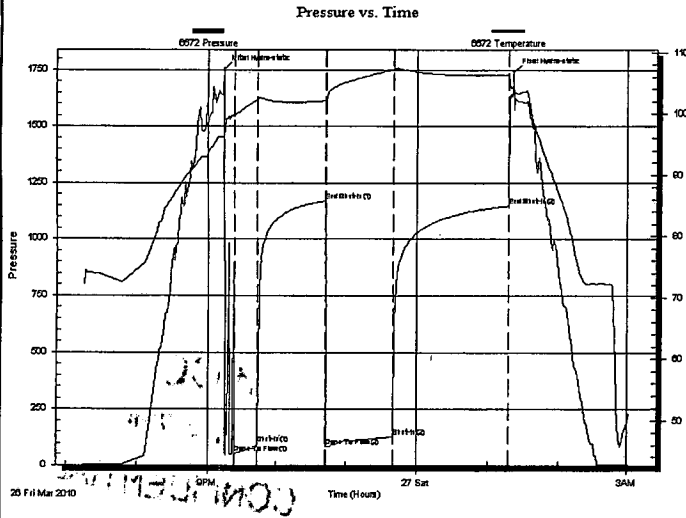
End Time: **03:01:59**

Time On Btm: **2010.03.26 @ 21:14:30**

Time Off Btm: **2010.03.27 @ 01:22:00**

TEST COMMENT: IF: Weak blow, built to 1" in 10 mins. Died to 1/2" in 30 mins.
IS: No blow back.
FF: Weak blow after 2 mins. Built to 2" in 60 mins.
FS: No blow back

PRESSURE SUMMARY



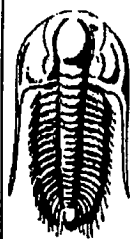
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1753.72	96.20	Initial Hydro-static
9	54.74	99.54	Open To Flow (1)
29	98.26	102.27	Shut-In(1)
88	1170.44	102.06	End Shut-In(1)
89	85.21	102.18	Open To Flow (2)
146	130.06	107.11	Shut-In(2)
243	1147.69	106.27	End Shut-In(2)
248	1740.24	104.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
181.00	mcw -5% m95%w	0.89
50.00	mcw -10% w 90% m	0.70

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co.

Krizek 1-28

250 N. Water
Suite 300
Wichita Ks. 67202
ATTN: Brad Rine

28-3s-27w Decatur KS
Job Ticket: 37300 DST#: 1
Test Start: 2010.03.26 @ 19:15:00

Tool Information

Drill Pipe:	Length: 3290.00 ft	Diameter: 3.80 inches	Volume: 46.15 bbl	Tool Weight: 2800.00 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: 181.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 47.04 bbl</u>	Tool Chased 8.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3481.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3458.00	
Hydraulic tool	5.00			3463.00	
Jars	5.00			3468.00	
Safety Joint	3.00			3471.00	
Packer	5.00			3476.00	28.00 Bottom Of Top Packer
Packer	5.00			3481.00	
Stubb	1.00			3482.00	
Recorder	0.00	6672	Inside	3482.00	
Recorder	0.00	6752	Inside	3482.00	
Perforations	15.00			3497.00	
Bullnose	3.00			3500.00	19.00 Bottom Packers & Anchor

Total Tool Length: 47.00

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**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co.

Krizek 1-28

250 N. Water
Suite 300
Wichita Ks. 67202
ATTN: Brad Rine

28-3s-27w Decatur KS
Job Ticket: 37300 **DST#: 1**
Test Start: 2010.03.26 @ 19:15:00

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:	18500 ppm
Viscosity:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.76 in ³	Gas Cushion Type:			
Resistivity:	0.79 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2500.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

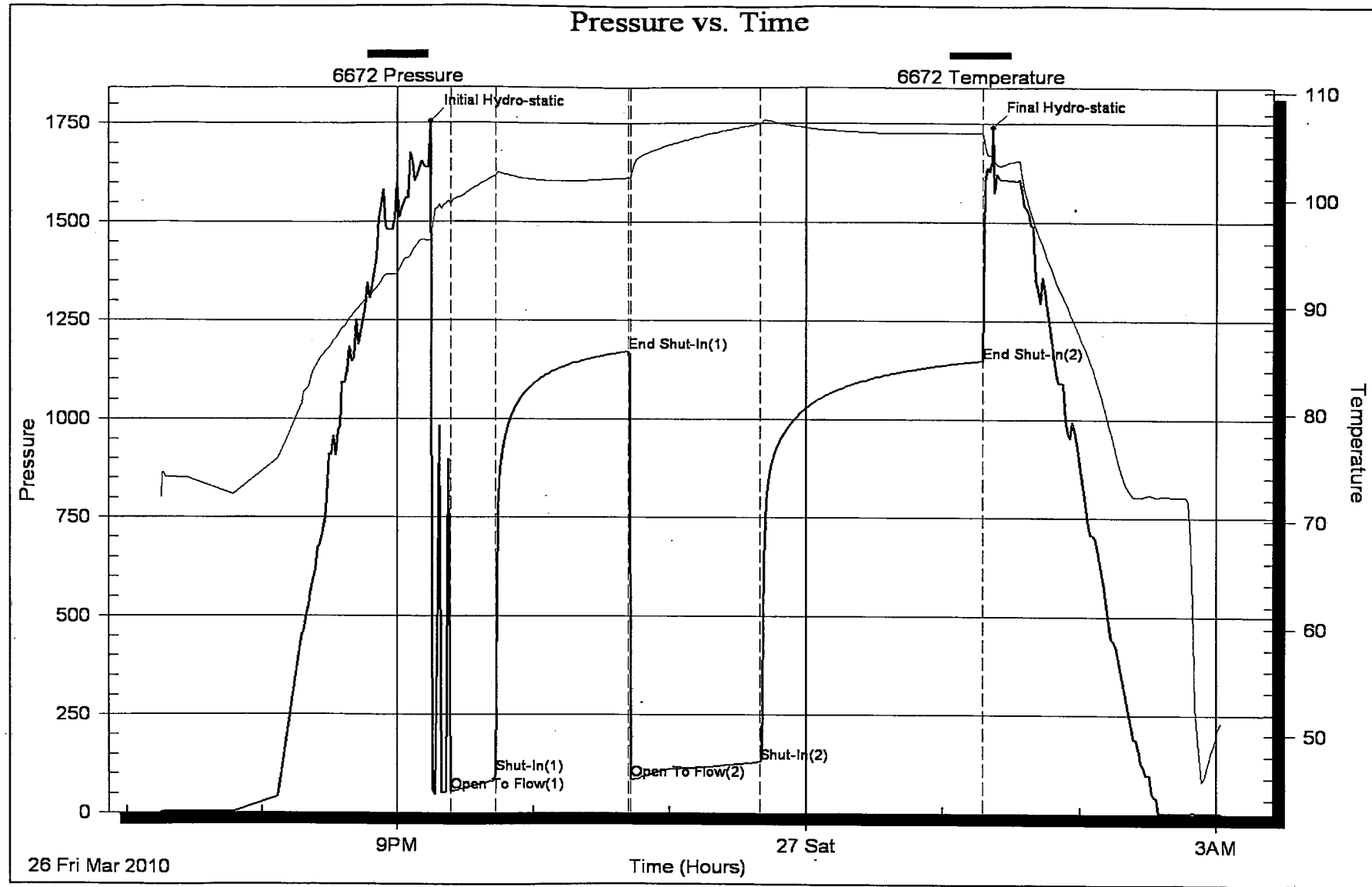
Length ft	Description	Volume bbl
181.00	mcw -5% m95%w	0.890
50.00	mcw -10%w 90%m	0.701

Total Length: 231.00 ft Total Volume: 1.591 bbl

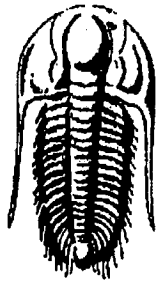
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co.**

250 N. Water
Suite 300
Wichita Ks. 67202

ATTN: Brad Rine

28-3s-27w Decatur KS

Krizek 1-28

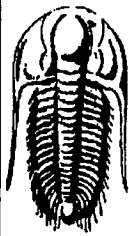
Start Date: 2010.03.27 @ 11:40:00

End Date: 2010.03.27 @ 19:34:00

Job Ticket #: 38001 DST #: 2

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

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TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Murfin Drilling Co.

Krizek 1-28

250 N. Water
Suite 300
Wichita Ks. 67202
ATTN: Brad Rine

28-3s-27w Decatur KS

Job Ticket: 38001 DST#: 2

Test Start: 2010.03.27 @ 11:40:00

GENERAL INFORMATION:

Formation: **Toronto, LKC-A**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 13:59:30
Time Test Ended: 19:34:00

Test Type: **Conventional Bottom Hole**
Tester: **Chuck Kreutzer Jr.**
Unit No: **36**

Interval: **3494.00 ft (KB) To 3558.00 ft (KB) (TVD)**
Total Depth: **3558.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2622.00 ft (KB)**
2618.00 ft (CF)
KB to GR/CF: **4.00 ft**

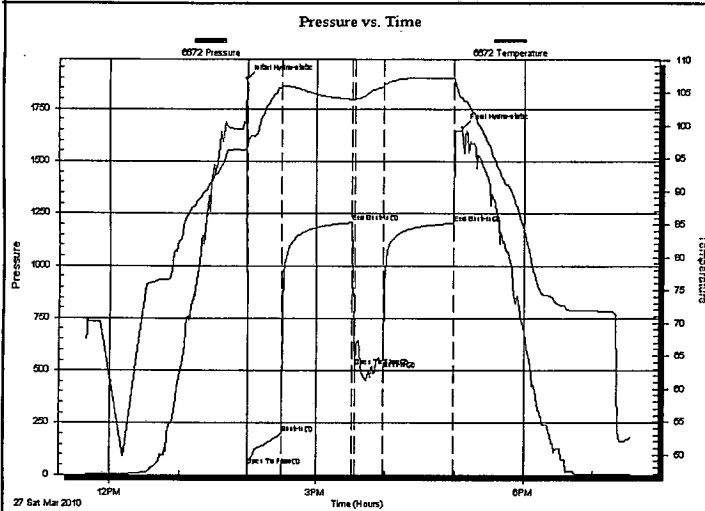
Serial #: 6672

Inside

Press@RunDepth: **550.06 psig @ 3497.00 ft (KB)**
Start Date: **2010.03.27** End Date: **2010.03.27**
Start Time: **11:40:05** End Time: **19:33:59**

Capacity: **8000.00 psig**
Last Calib.: **2010.03.27**
Time On Btm: **2010.03.27 @ 13:58:30**
Time Off Btm: **2010.03.27 @ 17:06:00**

TEST COMMENT: IF: Strong blow, B.O.B in 5 mins.
IS: Bled off, No blow back
FF: Fair blow, Built to B.O.B in 13 mins.
FSI: Bled off, No blow back



PRESSURE SUMMARY

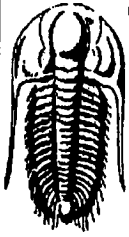
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1894.94	96.24	Initial Hydro-static
1	44.57	97.06	Open To Flow (1)
31	200.60	105.77	Shut-In(1)
93	1208.19	104.02	End Shut-In(1)
95	518.04	103.99	Open To Flow (2)
120	550.06	106.06	Shut-In(2)
180	1205.46	107.25	End Shut-In(2)
188	1661.15	104.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
243.00	gmcw -20%g10%m70%w	1.76
124.00	gmcw -10%g20%m70%w	1.74
62.00	gmcw -30%g20%m50%w	0.87
62.00	gw cm-10%g40%w 50%m	0.87
30.00	gmcw -10%g40%m50%w - 3 ft. oil on top	0.42

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
Suite 300
Wichita Ks. 67202
ATTN: Brad Rine

Krizek 1-28
28-3s-27w Decatur KS
Job Ticket: 38001 **DST#: 2**
Test Start: 2010.03.27 @ 11:40:00

Tool Information

Drill Pipe:	Length: 3318.00 ft	Diameter: 3.80 inches	Volume: 46.54 bbl	Tool Weight: 2800.00 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: 181.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 47.43 bbl</u>	Tool Chased 10.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3494.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	92.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

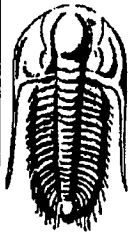
Tool Description

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

Shut In Tool	5.00			3471.00	
Hydraulic tool	5.00			3476.00	
Jars	5.00			3481.00	
Safety Joint	3.00			3484.00	
Packer	5.00			3489.00	28.00 Bottom Of Top Packer
Packer	5.00			3494.00	
Stubb	1.00			3495.00	
Perforations	1.00			3496.00	
Change Over Sub	1.00			3497.00	
Recorder	0.00	6672	Inside	3497.00	
Recorder	0.00	6752	Inside	3497.00	
Blank Spacing	32.00			3529.00	
Change Over Sub	1.00			3530.00	
Perforations	25.00			3555.00	
Bullnose	3.00			3558.00	64.00 Bottom Packers & Anchor

Total Tool Length: 92.00

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co.

Krizek 1-28

250 N. Water
Suite 300
Wichita Ks. 67202
ATTN: Brad Rine

28-3s-27w Decatur KS
Job Ticket: 38001 DST#: 2
Test Start: 2010.03.27 @ 11:40:00

Mud and Cushion Information

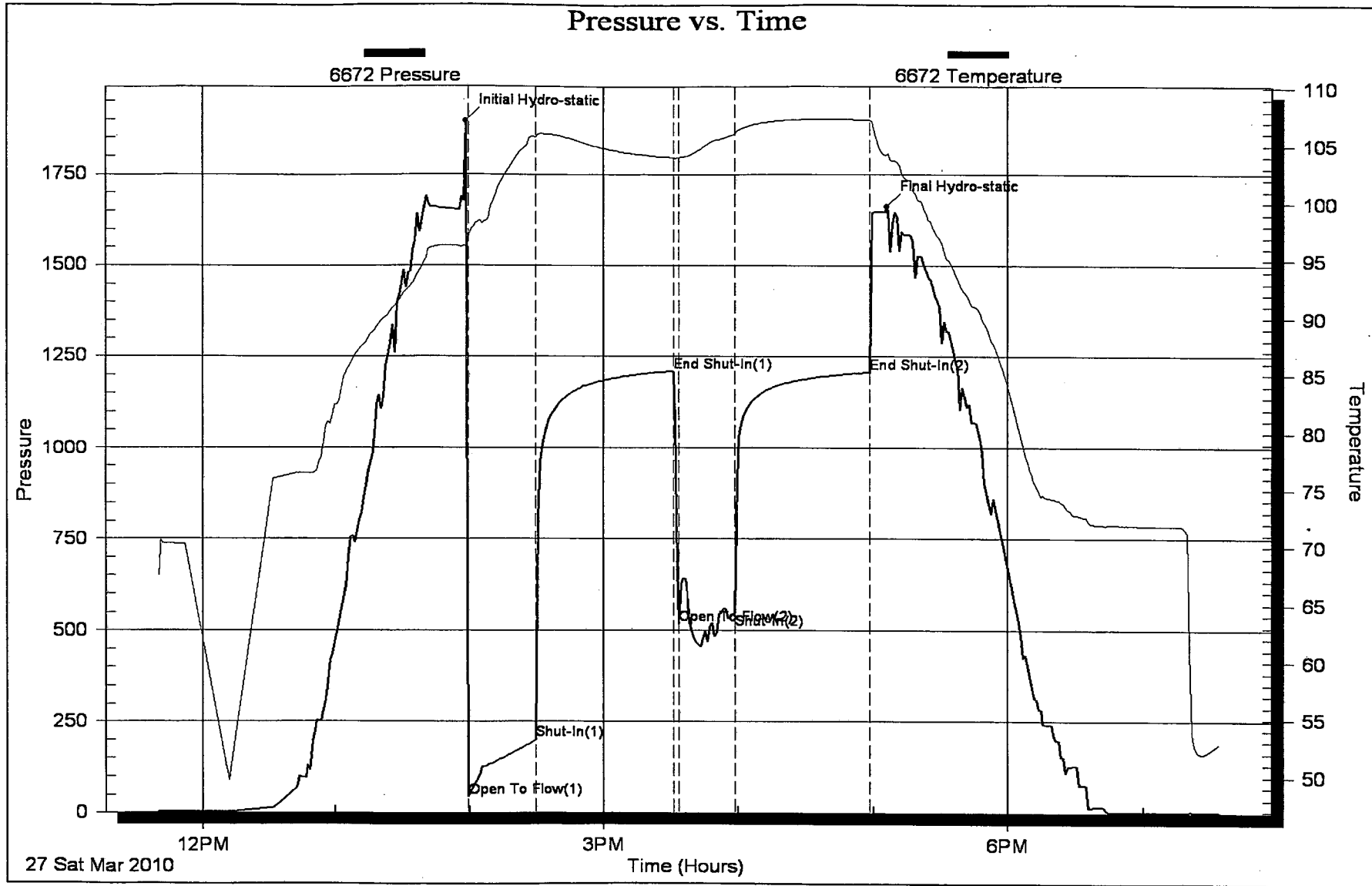
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.76 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

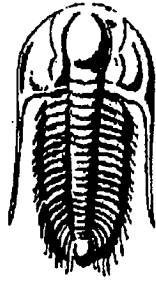
Recovery Table

Length ft	Description	Volume bbl
243.00	gmcw -20%g10%m70%w	1.760
124.00	gmcw -10%g20%m70%w	1.739
62.00	gmcw -30%g20%m50%w	0.870
62.00	gw cm-10%g40%w 50%m	0.870
30.00	gmcw -10%g40%m50%w - 3 ft. oil on top	0.421

Total Length: 521.00 ft Total Volume: 5.660 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co.**

250 N. Water
Suite 300
Wichita Ks. 67202

ATTN: Brad Rine

28-3s-27w Decatur KS

Krizek 1-28

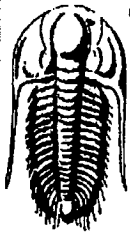
Start Date: 2010.03.28 @ 03:10:00

End Date: 2010.03.28 @ 10:48:30

Job Ticket #: 38002 DST #: 3

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

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TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Murfin Drilling Co.

Krizek 1-28

250 N. Water
Suite 300
Wichita Ks. 67202
ATTN: Brad Rine

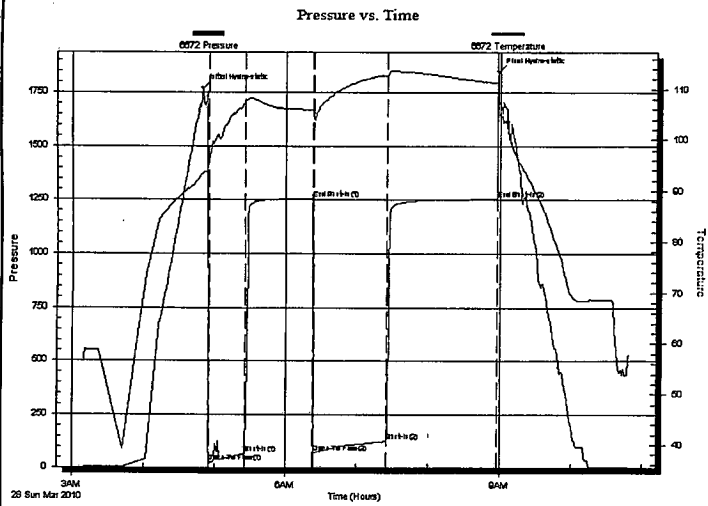
28-3s-27w Decatur KS
Job Ticket: 38002 DST#: 3
Test Start: 2010.03.28 @ 03:10:00

GENERAL INFORMATION:

Formation: LKC-C	Test Type: Conventional Bottom Hole
Deviated: No Whipstock: ft (KB)	Tester: Chuck Kreutzer Jr.
Time Tool Opened: 04:54:30	Unit No: 36
Time Test Ended: 10:48:30	Reference Elevations: 2622.00 ft (KB)
Interval: 3551.00 ft (KB) To 3572.00 ft (KB) (TVD)	2618.00 ft (CF)
Total Depth: 3572.00 ft (KB) (TVD)	KB to GR/CF: 4.00 ft
Hole Diameter: 7.88 inches	Hole Condition: Good

Serial #: 6672 Inside	Capacity: 8000.00 psig
Press@RunDepth: 126.45 psig @ 3552.00 ft (KB)	Last Calib.: 2010.03.28
Start Date: 2010.03.28 End Date: 2010.03.28	Time On Btm: 2010.03.28 @ 04:48:30
Start Time: 03:10:05 End Time: 10:48:29	Time Off Btm: 2010.03.28 @ 08:58:00

TEST COMMENT: IF: Weak blow built to 4 in.
IS: No blow back
FF: Weak blow built to 2 in.
FS: No blow back



PRESSURE SUMMARY

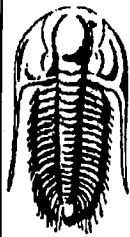
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1769.79	93.26	Initial Hydro-static
6	24.38	96.28	Open To Flow (1)
37	68.23	107.61	Shut-In(1)
95	1258.76	105.79	End Shut-In(1)
95	70.76	104.12	Open To Flow (2)
157	126.45	112.73	Shut-In(2)
249	1255.72	111.25	End Shut-In(2)
250	1847.51	108.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
121.00	mcw -2% m98%w	0.60
90.00	mcw -5% m95%w	0.72

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
Suite 300
Wichita Ks. 67202
ATTN: Brad Rine

Krizek 1-28
28-3s-27w Decatur KS
Job Ticket: 38002 DST#: 3
Test Start: 2010.03.28 @ 03:10:00

Tool Information

Drill Pipe:	Length: 3354.00 ft	Diameter: 3.80 inches	Volume: 47.05 bbl	Tool Weight: 2800.00 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: 181.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 47.94 bbl</u>	Tool Chased 6.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3551.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

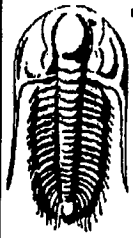
Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3528.00	
Hydraulic tool	5.00			3533.00	
Jars	5.00			3538.00	
Safety Joint	3.00			3541.00	
Packer	5.00			3546.00	28.00 Bottom Of Top Packer
Packer	5.00			3551.00	
Stubb	1.00			3552.00	
Recorder	0.00	6672	Inside	3552.00	
Recorder	0.00	6752	Inside	3552.00	
Perforations	17.00			3569.00	
Bullnose	3.00			3572.00	21.00 Bottom Packers & Anchor

Total Tool Length: 49.00

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co.

Krizek 1-28

250 N. Water
Suite 300
Wichita Ks. 67202
ATTN: Brad Rine

28-3s-27w Decatur KS
Job Ticket: 38002 DST#: 3
Test Start: 2010.03.28 @ 03:10:00

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:	27500 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.78 in ³	Gas Cushion Type:		
Resistivity: 0.50 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2550.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
121.00	mcw -2% <i>m</i> 98% <i>w</i>	0.595
90.00	mcw -5% <i>m</i> 95% <i>w</i>	0.716

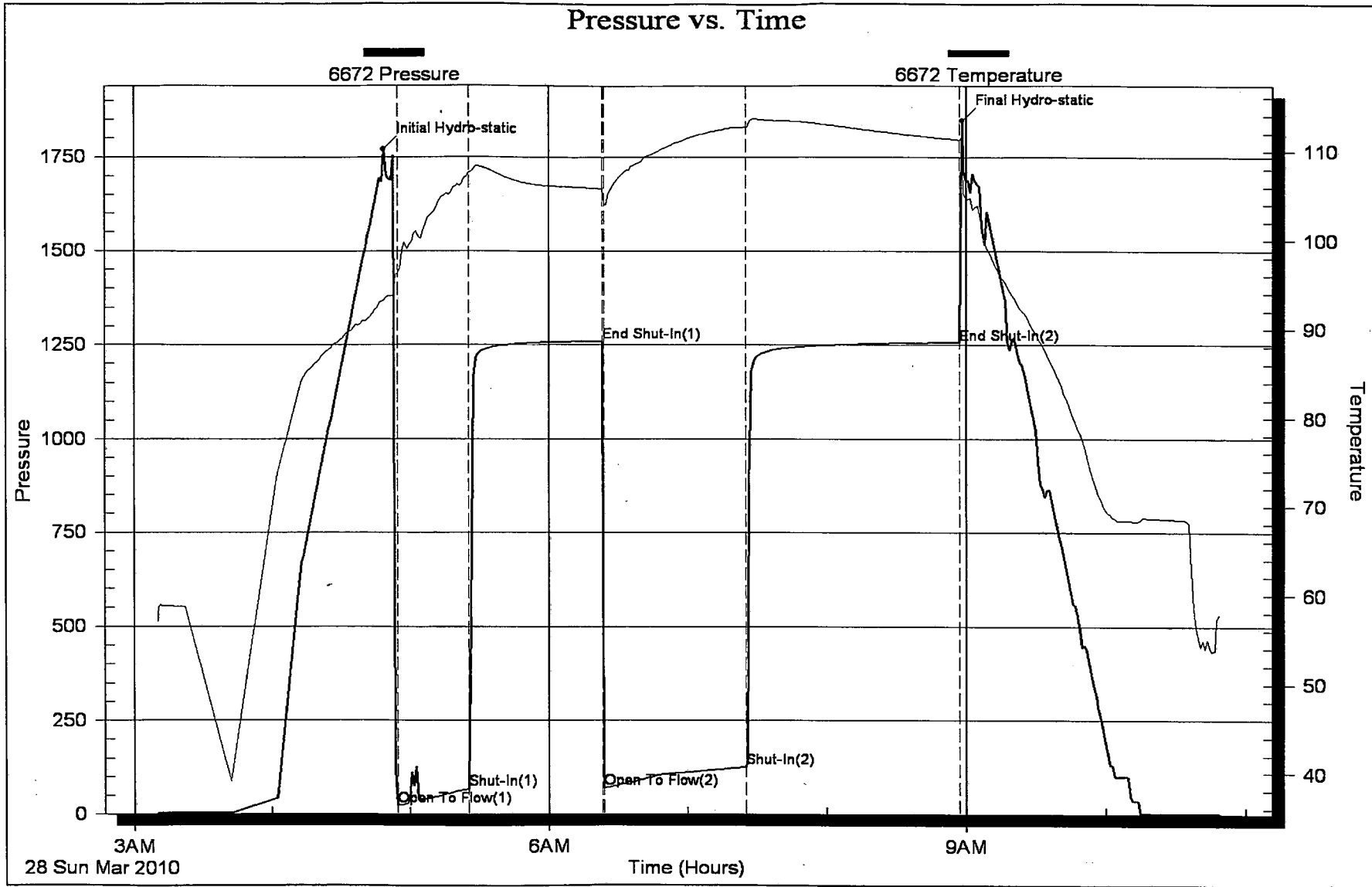
Total Length: 211.00 ft Total Volume: 1.311 bbl

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

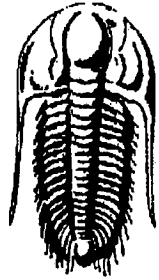
Laboratory Name: Laboratory Location:

Recovery Comments:

Handwritten notes:
28-3s-27w
38002
3/28/10



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**TRILOBITE
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DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co.**

250 N. Water
Suite 300
Wichita Ks. 67202

ATTN: Brad Rine

28-3s-27w Decatur KS

Krizek 1-28

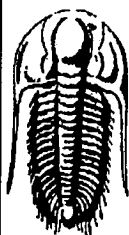
Start Date: 2010.03.28 @ 20:35:00

End Date: 2010.03.29 @ 03:47:00

Job Ticket #: 38003 DST #: 4

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DRILL STEM TEST REPORT

Murfin Drilling Co.

250 N. Water
Suite 300
Wichita Ks. 67202
ATTN: Brad Rine

Krizek 1-28

28-3s-27w Decatur KS

Job Ticket: 38003

DST#: 4

Test Start: 2010.03.28 @ 20:35:00

GENERAL INFORMATION:

Formation: **LKC-D,F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:27:00

Time Test Ended: 03:47:00

Test Type: Conventional Bottom Hole

Tester: Chuck Kreutzer Jr.

Unit No: 36

Interval: **3566.00 ft (KB) To 3636.00 ft (KB) (TVD)**

Total Depth: 3636.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2622.00 ft (KB)

2618.00 ft (CF)

KB to GR/CF: 4.00 ft

Serial #: 6672

Inside

Press@RunDepth: 224.06 psig @ 3570.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.03.28

End Date: 2010.03.29

Last Calib.: 2010.03.29

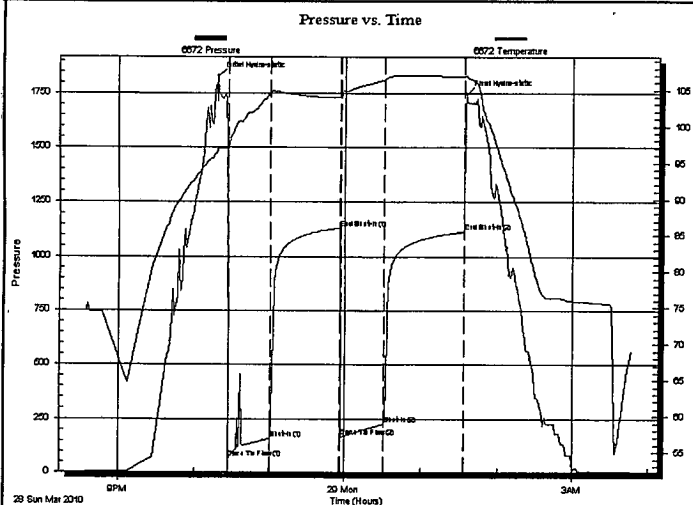
Start Time: 20:35:05

End Time: 03:46:59

Time On Btm: 2010.03.28 @ 22:19:00

Time Off Btm: 2010.03.29 @ 01:35:00

TEST COMMENT: IF: Strong blow, built to B.O.B in 3 mins.
IS: Blow back after 5 mins. Built to 1/2" in 30 mins. Dead after 40 mins.
FF: Fair blow, Built to B.O.B in 15 mins.
FSI: Blow back after 10 mins. Never bu



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1827.65	96.83	Initial Hydro-static
8	65.40	96.90	Open To Flow (1)
42	158.41	104.48	Shut-In(1)
97	1131.24	103.96	End Shut-In(1)
98	167.50	103.90	Open To Flow (2)
133	224.06	106.41	Shut-In(2)
195	1114.43	106.82	End Shut-In(2)
196	1747.14	106.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
181.00	gw ocm-5%g5%o30%m60%w	0.89
124.00	gw ocm-12%g8%o40%w 40%m	1.74
62.00	gw ocm-5%g5%w 5%o85%m	0.87
77.00	gw ocm-5%g5%w 35%o55%m	1.08

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co.
250 N. Water
Suite 300
Wichita Ks. 67202
ATTN: Brad Rine

Krizek 1-28
28-3s-27w Decatur KS
Job Ticket: 38003 **DST#: 4**
Test Start: 2010.03.28 @ 20:35:00

Tool Information

Drill Pipe:	Length: 3384.00 ft	Diameter: 3.80 inches	Volume: 47.47 bbl	Tool Weight: 2800.00 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: 181.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 48.36 bbl</u>	Tool Chased 10.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3566.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	98.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

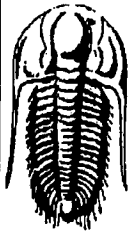
Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3543.00	
Hydraulic tool	5.00			3548.00	
Jars	5.00			3553.00	
Safety Joint	3.00			3556.00	
Packer	5.00			3561.00	28.00 Bottom Of Top Packer
Packer	5.00			3566.00	
Stubb	1.00			3567.00	
Perforations	2.00			3569.00	
Change Over Sub	1.00			3570.00	
Recorder	0.00	6672	Inside	3570.00	
Recorder	0.00	6752	Inside	3570.00	
Blank Spacing	32.00			3602.00	
Change Over Sub	1.00			3603.00	
Perforations	30.00			3633.00	
Bullnose	3.00			3636.00	70.00 Bottom Packers & Anchor

Total Tool Length: 98.00

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DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co.

Krizek 1-28

250 N. Water
Suite 300
Wichita Ks. 67202
ATTN: Brad Rine

28-3s-27w Decatur KS
Job Ticket: 38003 DST#: 4
Test Start: 2010.03.28 @ 20:35:00

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: 43700 ppm	
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.78 in ³	Gas Cushion Type:		
Resistivity: 0.23 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3700.00 ppm			
Filter Cake: 2.00 inches			

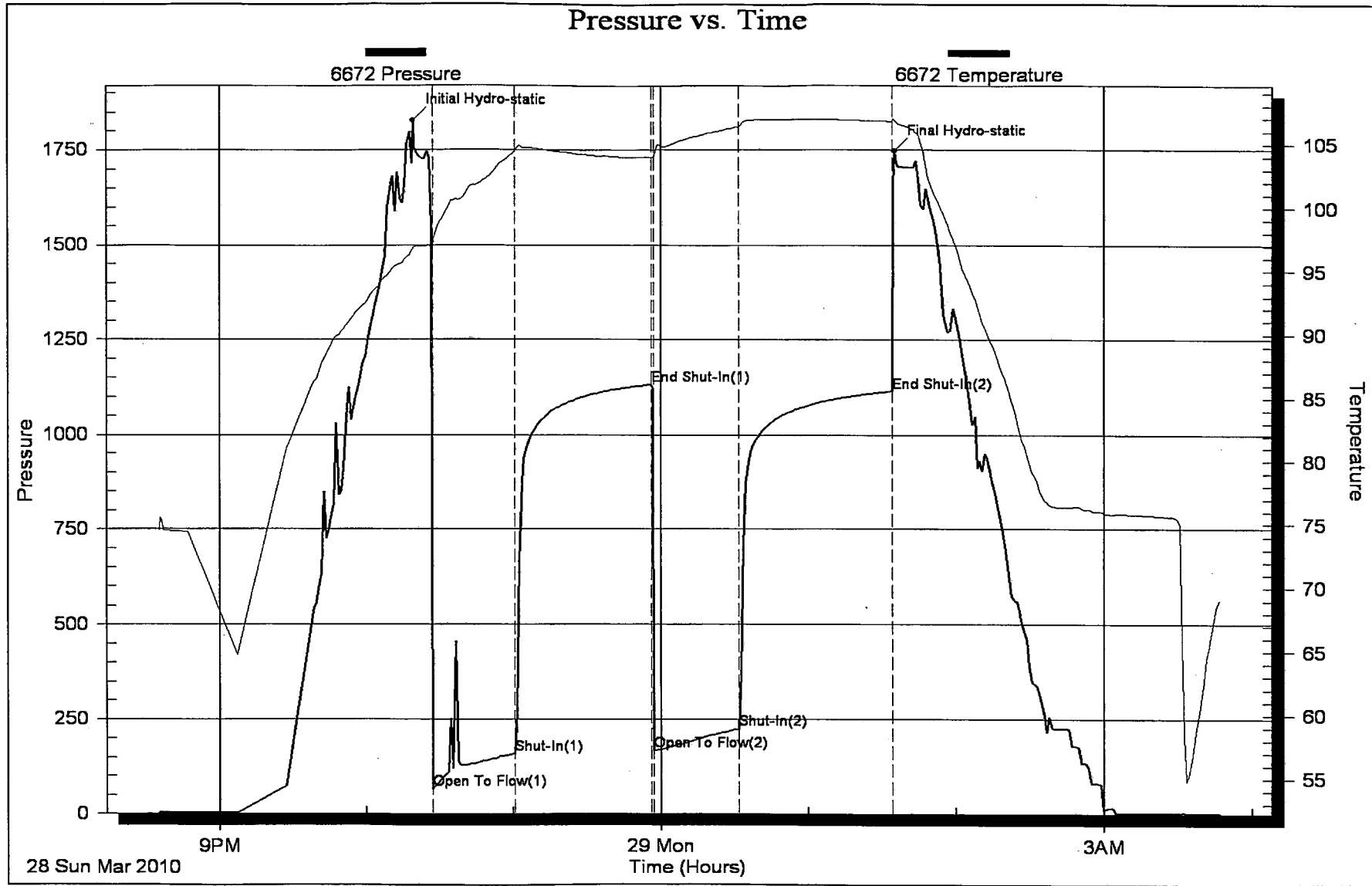
Recovery Information

Recovery Table

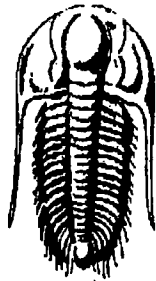
Length ft	Description	Volume bbl
181.00	gw ocm-5%g5%o30%m60%w	0.890
124.00	gw ocm-12%g8%o40%w 40%m	1.739
62.00	gw ocm-5%g5%w 5%o85%m	0.870
77.00	gw ocm-5%g5%w 35%o55%m	1.080

Total Length: 444.00 ft Total Volume: 4.579 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:



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DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co.**

250 N. Water
Suite 300
Wichita Ks. 67202

ATTN: Brad Rine

28-3s-27w Decatur KS

Krizek 1-28

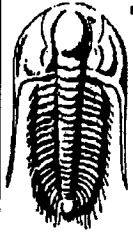
Start Date: 2010.03.29 @ 14:40:00

End Date: 2010.03.29 @ 23:12:30

Job Ticket #: 38004 DST #: 5

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DRILL STEM TEST REPORT

Murfin Drilling Co.
250 N. Water
Suite 300
Wichita Ks. 67202
ATTN: Brad Rine

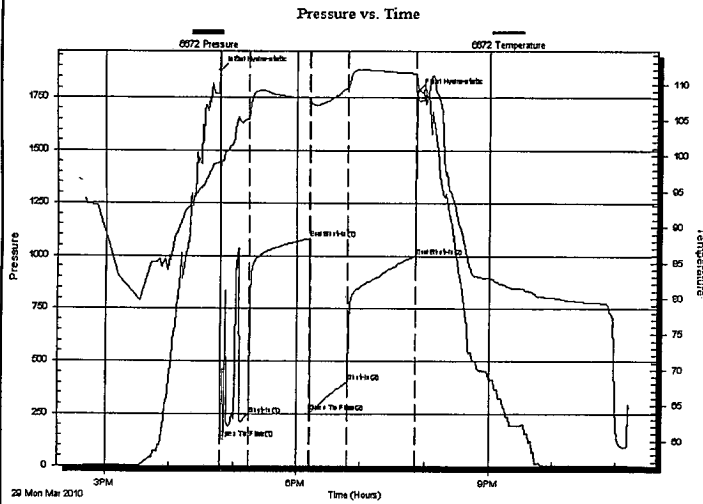
Krizek 1-28
28-3s-27w Decatur KS
Job Ticket: 38004 **DST#: 5**
Test Start: 2010.03.29 @ 14:40:00

GENERAL INFORMATION:

Formation: **LKC-H,I,J,K,L**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 16:48:00
 Tester: Chuck Kreuzer Jr.
 Time Test Ended: 23:12:30
 Unit No: 36
 Interval: **3635.00 ft (KB) To 3750.00 ft (KB) (TVD)**
 Reference Elevations: 2622.00 ft (KB)
 Total Depth: 3750.00 ft (KB) (TVD)
 2618.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 4.00 ft

Serial #: 6672 Inside
 Press@RunDepth: 401.24 psig @ 3638.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.03.29 End Date: 2010.03.29 Last Calib.: 2010.03.29
 Start Time: 14:40:05 End Time: 23:12:30 Time On Btm: 2010.03.29 @ 16:47:30
 Time Off Btm: 2010.03.29 @ 19:52:30

TEST COMMENT: IF: Strong blow , B.O.B in 1 1/2 mins.
 IS: Blow back after 1 min. Built to B.O.B in 14 mins.
 FF: Strong blow , B.O.B in 1 1/2 mins.
 FS: Blow back after 1 min. Built to B.O.B in 4 mins.



PRESSURE SUMMARY

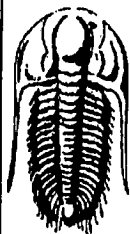
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1878.33	99.17	Initial Hydro-static
1	132.71	98.36	Open To Flow (1)
27	247.66	105.14	Shut-In(1)
85	1080.61	108.10	End Shut-In(1)
86	260.50	107.54	Open To Flow (2)
121	401.24	109.50	Shut-In(2)
184	1000.12	111.48	End Shut-In(2)
185	1776.88	110.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
181.00	gocm-20%g30%o50%m	0.89
189.00	gmco-20%g40%o40%m	2.65
630.00	go-10%g90%o	8.84
56.00	go-20%g80%o	0.79
0.00	938 ft: 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.

Krizek 1-28

250 N. Water
Suite 300
Wichita Ks. 67202
ATTN: Brad Rine

28-3s-27w Decatur KS

Job Ticket: 38004 DST#: 5

Test Start: 2010.03.29 @ 14:40:00

Tool Information

Drill Pipe:	Length: 3449.00 ft	Diameter: 3.80 inches	Volume: 48.38 bbl	Tool Weight: 2800.00 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: 181.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 49.27 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3635.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	115.00 ft			
Tool Length:	143.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

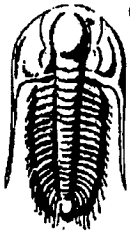
Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3612.00	
Hydraulic tool	5.00			3617.00	
Jars	5.00			3622.00	
Safety Joint	3.00			3625.00	
Packer	5.00			3630.00	28.00 Bottom Of Top Packer
Packer	5.00			3635.00	
Stubb	1.00			3636.00	
Perforations	1.00			3637.00	
Change Over Sub	1.00			3638.00	
Recorder	0.00	6672	Inside	3638.00	
Recorder	0.00	6752	Inside	3638.00	
Blank Spacing	95.00			3733.00	
Change Over Sub	1.00			3734.00	
Perforations	13.00			3747.00	
Bullhose	3.00			3750.00	115.00 Bottom Packers & Anchor

Total Tool Length: 143.00

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DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co.

Krizek 1-28

250 N. Water
Suite 300
Wichita Ks. 67202
ATTN: Brad Rine

28-3s-27w Decatur KS

Job Ticket: 38004 **DST#: 5**
Test Start: 2010.03.29 @ 14:40:00

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: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3700.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

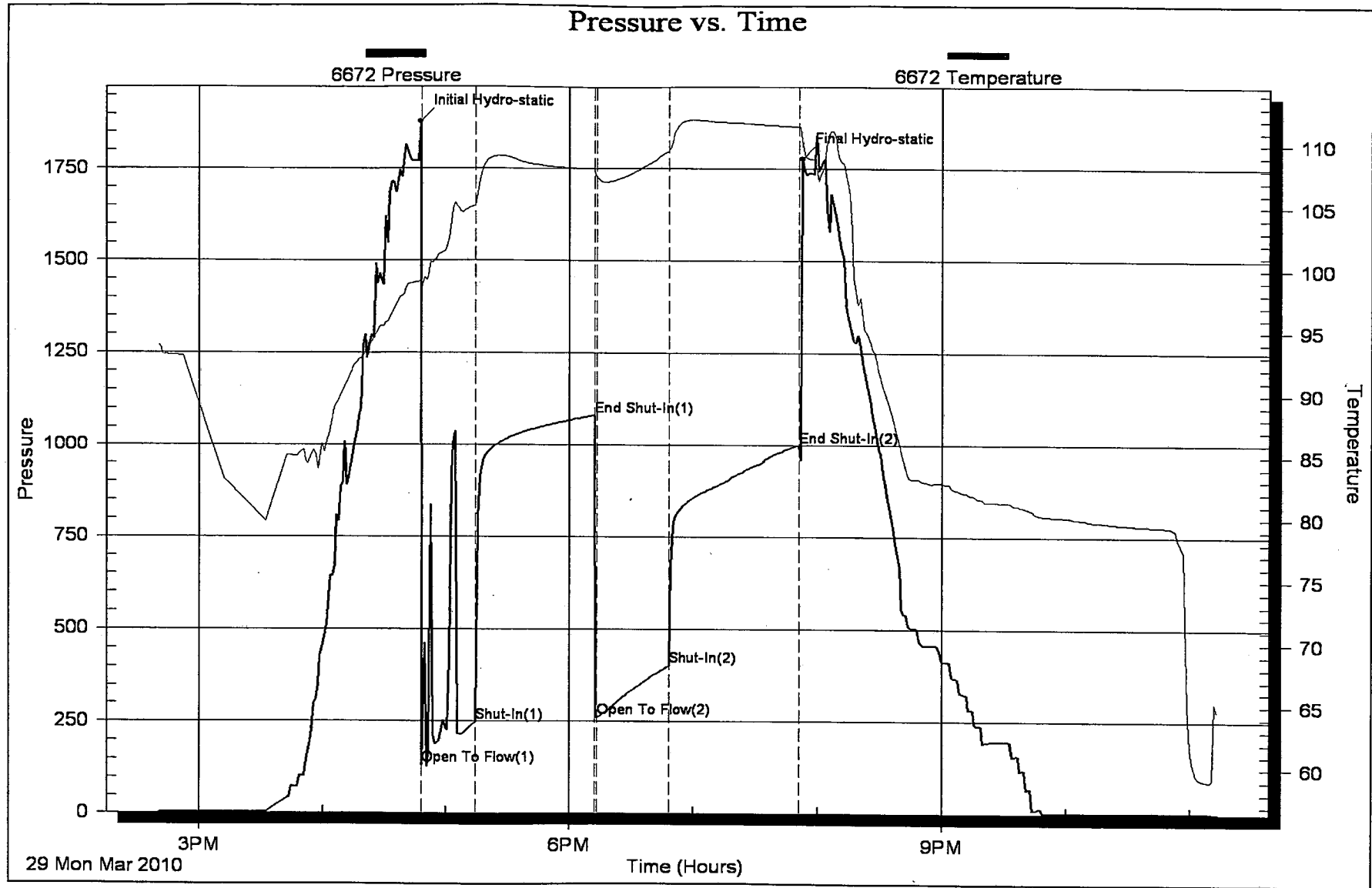
Length ft	Description	Volume bbl
181.00	gocm-20%g30%o50%m	0.890
189.00	gmco-20%g40%o40%m	2.651
630.00	go-10%g90%o	8.837
56.00	go-20%g80%o	0.786
0.00	938 ft. gas in pipe	0.000

Total Length: 1056.00 ft Total Volume: 13.164 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:



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