



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1079612
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ 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 #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1079612

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input 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 type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input 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

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

April 26, 2012

Leon Rodak
Murfin Drilling Co., Inc.
250 N WATER STE 300
WICHITA, KS 67202-1216

Re: ACO1
API 15-153-20892-00-00
Schroeder 1-25
SW/4 Sec.25-05S-33W
Rawlins County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

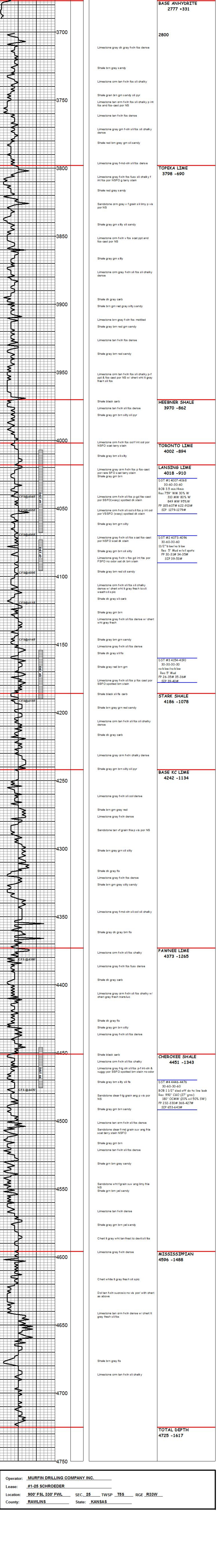
Respectfully,
Leon Rodak

GEOLOGISTS' REPORT

OPERATOR MURFIN DRILLING COMPANY INC.		ELEVATIONS	
LEASE #1-25 SCHROEDER		KB 3108'	
LOCATION 900' FSL 330' FWL		GL 3103'	
SEC. 25	TWSP. T55	RGE. R33W	ALL MEASUREMENTS FROM K.B.
COUNTY RAWLINS	STATE KANSAS		
FIELD WILCOAT	CASING RECORD		
CONTRACTOR MURFIN DRILLING CO.	RIG NO. #8	CONDUIT	
COMMENCED JAN 19 2012	COMPLETED JAN 30 2012		
MUD DISPLACED 3000'	MUD TYPE CHEMICAL	SURFACE 8 5/8" @ 267'	
DRILLING TIME/FEET FROM 3700'	TO 4725'	PRODUCTION 5.12% @ 4720'	
SAMPLES SAVED FROM 3700'	TO 4725'		
SAMPLES EXAMINED FROM 3700'	TO 4725'		
GEOLOGICAL SUPERVISION FROM 3720'	TO 4725'	ELECTRICAL SURVEYS:	
GEOLOGIST ON WELL STEPHEN J MILLER	LOG TECH		
FORMATION		SAMPLE	
NAME	LOG	TOP DATUM	DATE
ANHYDRITE	2742	+966	2741
ANHYDRITE	2776	+932	2777
ANHYDRITE	2800	+900	2798
TOPEKA LIME	3972	-954	3970
HEEBNER SHALE	4020	-912	4018
LANSING LIME	4200	-1092	4198
STARK SHALE	4200	-1092	4198
B/K C LIME	4422	-1144	4421
CHEROKEE SHALE	4453	-1345	4451
MISSISSIPPIAN	4579	-1471	4596
TOTAL DEPTH	4728	-1620	4725

API	15-153-2089
Drilling Fluids:	MORGAN MUD
Drill Stem Testing:	TRILOBITE TESTING
Gas Trailer:	NONE
Reserve Pit Chlorides:	7200 ppm

DRILL TIME (MIN/FT)	DEPTH	LITHOLOGY	REMARKS
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Operator:	MURFIN DRILLING COMPANY INC.
Lease:	#1-25 SCHROEDER
Location:	900' FSL 330' FWL
County:	RAWLINS
State:	KANSAS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Co.

25.5S/33W/thomas.KS

250 N. Water STE #300
Wichita, KS 67202

Schroeder #1-25

Job Ticket: 43091

DST#: 1

ATTN: Steve Miller

Test Start: 2012.01.25 @ 04:09:00

GENERAL INFORMATION:

Formation: **LKC "A,C,D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:24:45

Time Test Ended: 15:46:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 43

Interval: 4007.00 ft (KB) To 4068.00 ft (KB) (TVD)

Reference Elevations: 3108.00 ft (KB)

Total Depth: 4068.00 ft (KB) (TVD)

3103.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6799

Inside

Press @ Run Depth: 913.62 psig @ 4008.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.25

End Date: 2012.01.25

Last Calib.: 2012.01.25

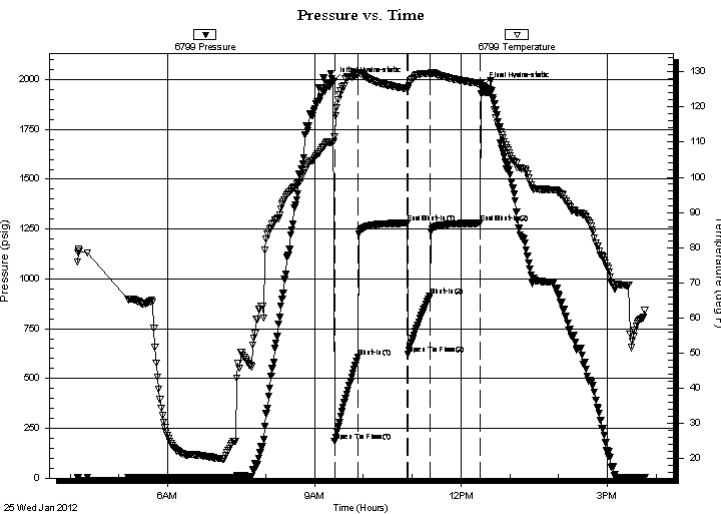
Start Time: 04:09:05

End Time: 15:46:45

Time On Btm: 2012.01.25 @ 09:23:15

Time Off Btm: 2012.01.25 @ 12:25:45

TEST COMMENT: IF- BoB in 3 1/2 min.
IS- Weak surface return started at 5 min. Built to 3/4"
FF- BoB in 4 min.
FS- Weak surface return started at 7 min. Built to 1/4"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1989.16	110.12	Initial Hydro-static
2	185.55	111.50	Open To Flow (1)
30	607.14	129.28	Shut-In(1)
90	1279.63	125.22	End Shut-In(1)
92	622.48	125.20	Open To Flow (2)
119	913.62	129.51	Shut-In(2)
180	1279.94	126.72	End Shut-In(2)
183	1966.83	126.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud (heavy) 100m	0.02
849.00	MW 95W 5M	10.59
310.00	MW 80W 20M	4.35
759.00	WM 30W 70M	10.65

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co.

25.5S/33W/thomas.KS

250 N. Water STE #300
Wichita, KS 67202

Schroeder #1-25

Job Ticket: 43091

DST#: 1

ATTN: Steve Miller

Test Start: 2012.01.25 @ 04:09:00

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:

14500 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	Mud (heavy) 100m	0.025
849.00	MW 95W 5M	10.588
310.00	MW 80W 20M	4.348
759.00	WM 30W 70M	10.647

Total Length: 1923.00 ft Total Volume: 25.608 bbl

Num Fluid Samples: 0

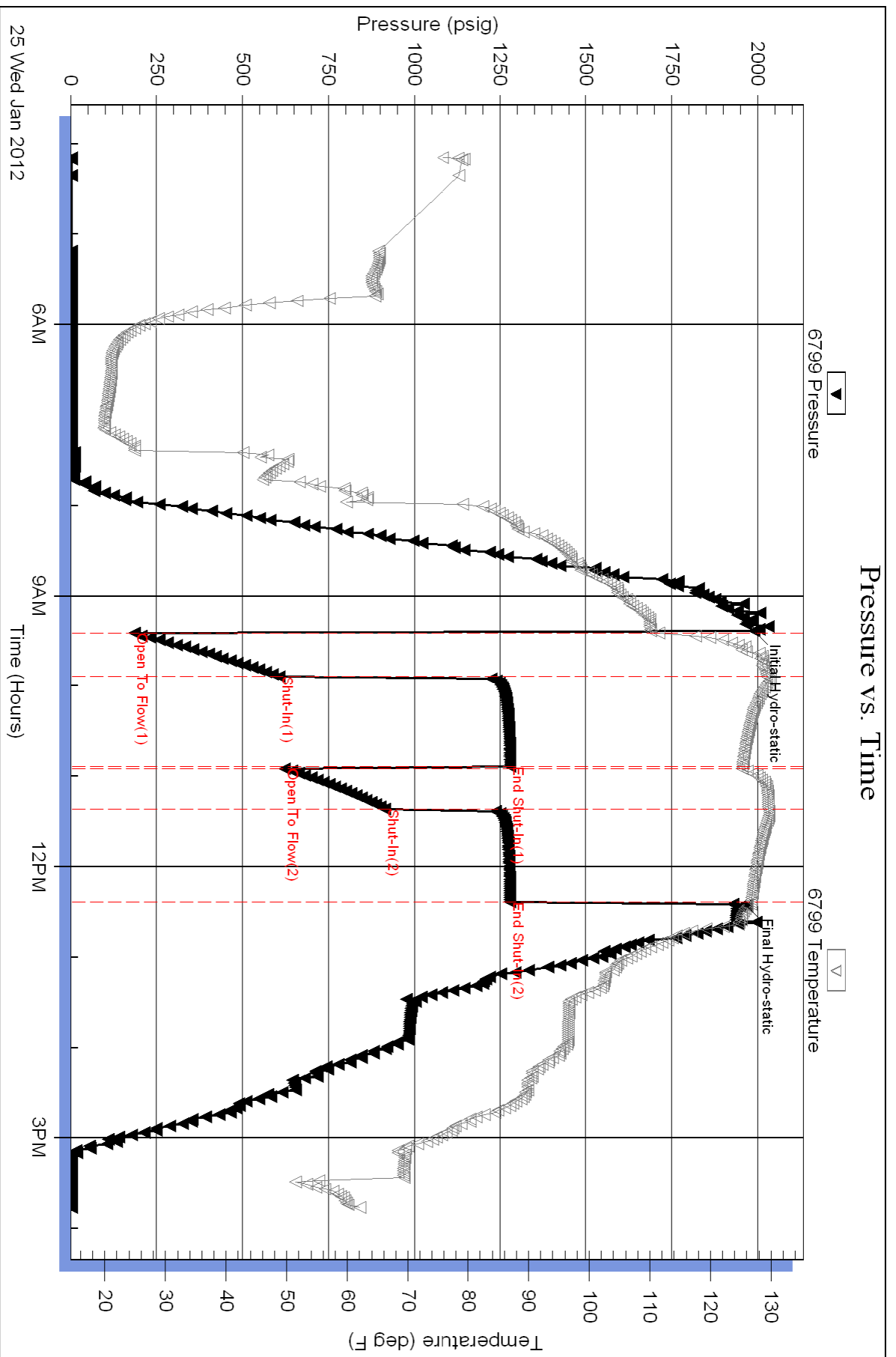
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW = .56 @ 61 deg. = 14,500ppm





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Co.

25.5S/33W/Rawlins/KS

250 N. Water STE #300
Wichita, KS 67202

Schroeder #1-25

Job Ticket: 43092

DST#: 2

ATTN: Steve Miller

Test Start: 2012.01.26 @ 03:35:00

GENERAL INFORMATION:

Formation: **LKC "F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:29:45

Time Test Ended: 11:37:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 43

Interval: 4073.00 ft (KB) To 4096.00 ft (KB) (TVD)

Reference Elevations: 3108.00 ft (KB)

Total Depth: 4096.00 ft (KB) (TVD)

3103.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6799

Inside

Press @ RunDepth: 35.60 psig @ 4074.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.26

End Date:

2012.01.26

Last Calib.:

2012.01.26

Start Time: 03:35:05

End Time:

11:36:59

Time On Btm:

2012.01.26 @ 06:29:00

Time Off Btm:

2012.01.26 @ 09:32:15

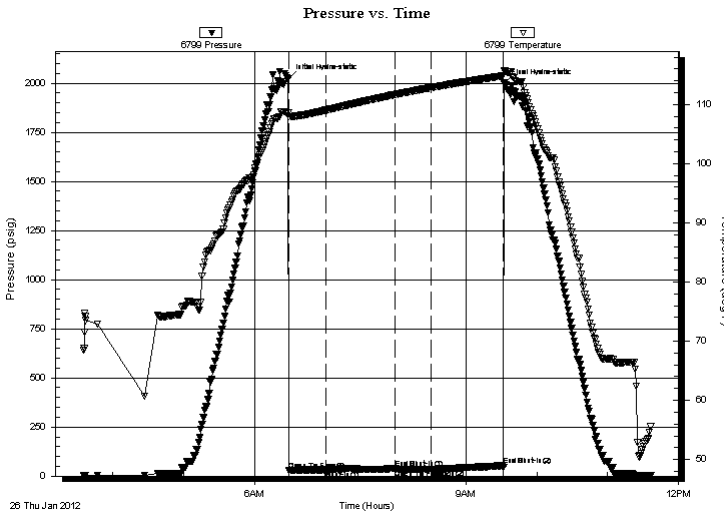
TEST COMMENT: IF- Surface blow built to 1 1/4"

IS- No Return

FF- No Blow

FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2024.37	108.60	Initial Hydro-static
1	30.00	107.95	Open To Flow (1)
32	31.35	108.99	Shut-In(1)
91	39.72	111.65	End Shut-In(1)
91	34.82	111.66	Open To Flow (2)
122	35.60	112.83	Shut-In(2)
183	53.83	114.81	End Shut-In(2)
184	1999.06	115.74	Final Hydro-static

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
5.00	OSM 100M (oil spots)	0.02

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co.

25.5S/33W/Rawlins/KS

250 N. Water STE #300
Wichita, KS 67202

Schroeder #1-25

Job Ticket: 43092

DST#: 2

ATTN: Steve Miller

Test Start: 2012.01.26 @ 03:35:00

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:

ppm

Viscosity: 76.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	OSM 100M (oil spots)	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

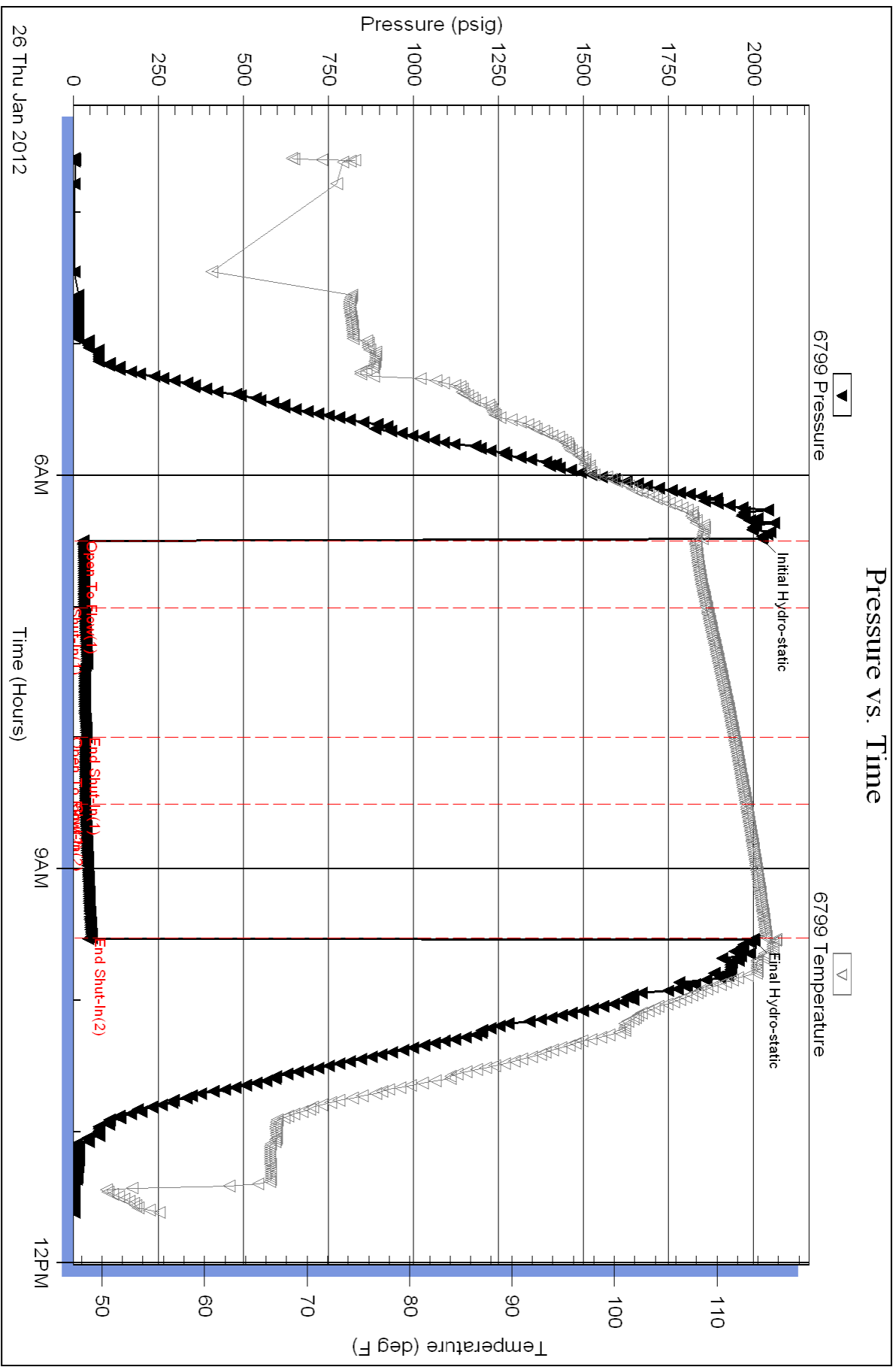
Serial #: 6799

Inside

Murfin Drilling Co.

Schroeder #1-25

DST Test Number: 2





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Co.

25.5S/33W/Rawlins/KS

250 N. Water STE #300
Wichita, KS 67202

Schroeder #1-25

Job Ticket: 43093

DST#: 3

ATTN: Steve Miller

Test Start: 2012.01.27 @ 04:29:00

GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:47:00

Time Test Ended: 10:57:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 43

Interval: 4154.00 ft (KB) To 4190.00 ft (KB) (TVD)

Reference Elevations: 3108.00 ft (KB)

Total Depth: 4190.00 ft (KB) (TVD)

3103.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6799

Press @ Run Depth: 36.26 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.27

End Date:

2012.01.27

Last Calib.:

2012.01.27

Start Time: 04:29:05

End Time:

10:57:44

Time On Btm:

2012.01.27 @ 06:46:45

Time Off Btm:

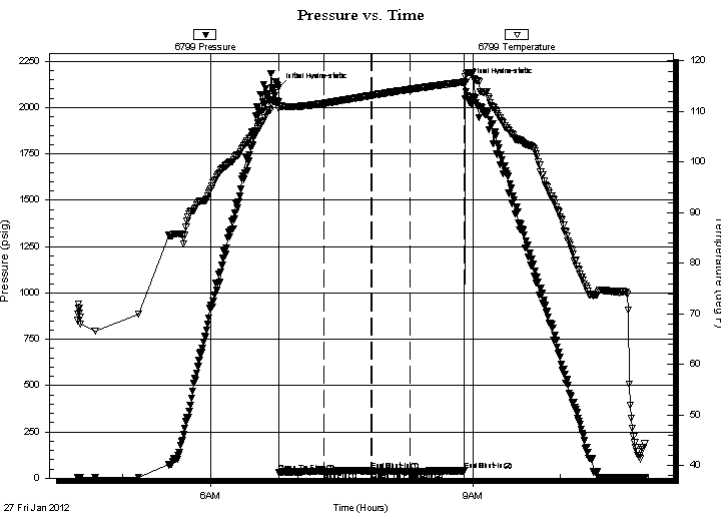
2012.01.27 @ 08:54:45

TEST COMMENT: IF- Surface Blow died at 2 min.

IS- No Return

FF- No Blow

FS- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2108.71	111.97	Initial Hydro-static
1	29.24	110.57	Open To Flow (1)
31	35.67	111.62	Shut-In(1)
63	39.75	113.16	End Shut-In(1)
64	35.73	113.21	Open To Flow (2)
91	36.26	114.40	Shut-In(2)
128	40.12	115.85	End Shut-In(2)
128	2133.62	116.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100M	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co.

25.5S/33W/Rawlins/KS

250 N. Water STE #300
Wichita, KS 67202

Schroeder #1-25

Job Ticket: 43093

DST#: 3

ATTN: Steve Miller

Test Start: 2012.01.27 @ 04:29:00

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: 80.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

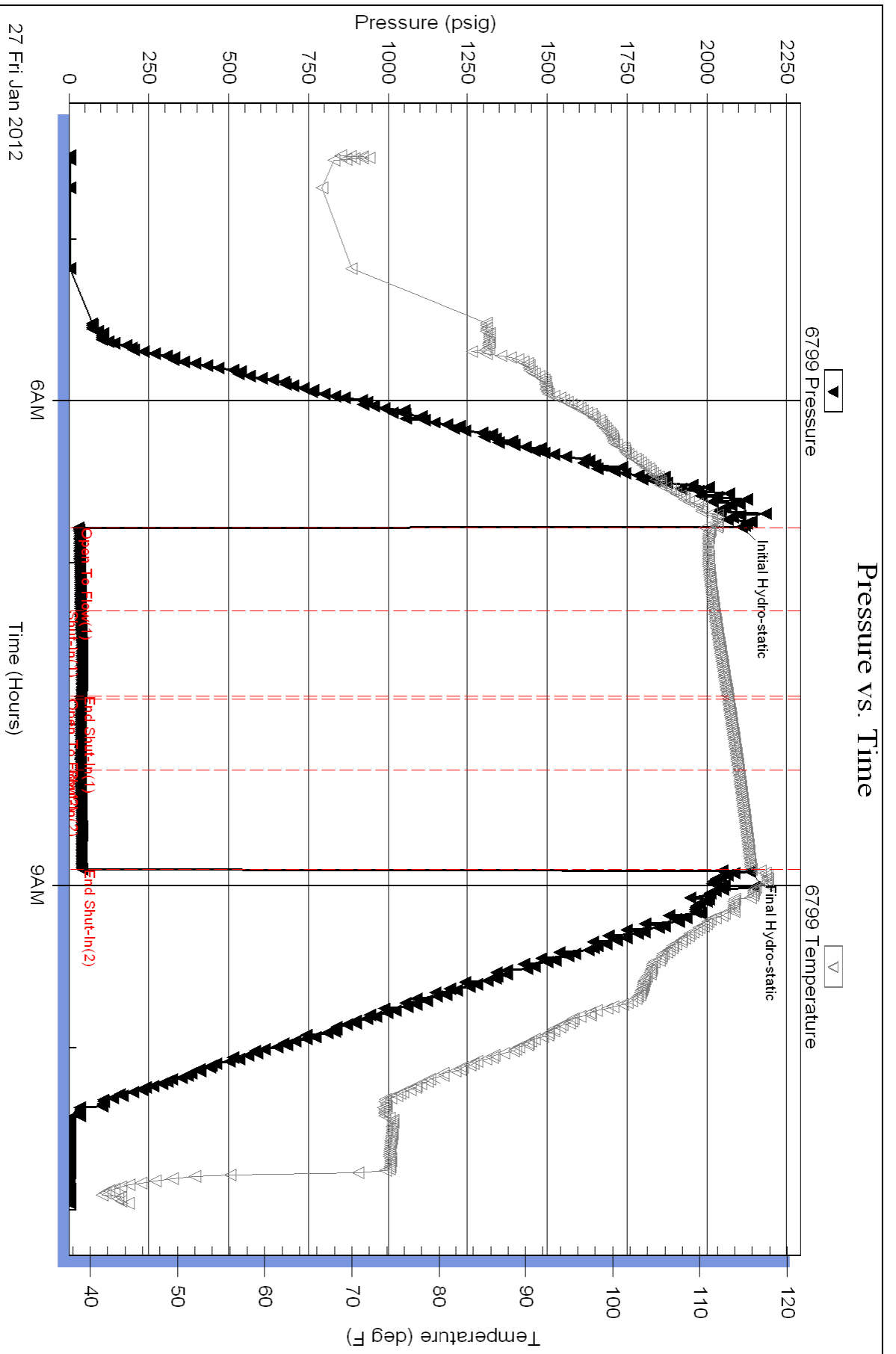
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co.
 250 N. Water STE #300
 Wichita, KS 67202
 ATTN: Steve Miller

25.5S/33W/Rawlins/KS

Schroeder #1-25

Job Ticket: 43094

DST#: 4

Test Start: 2012.01.28 @ 18:14:00

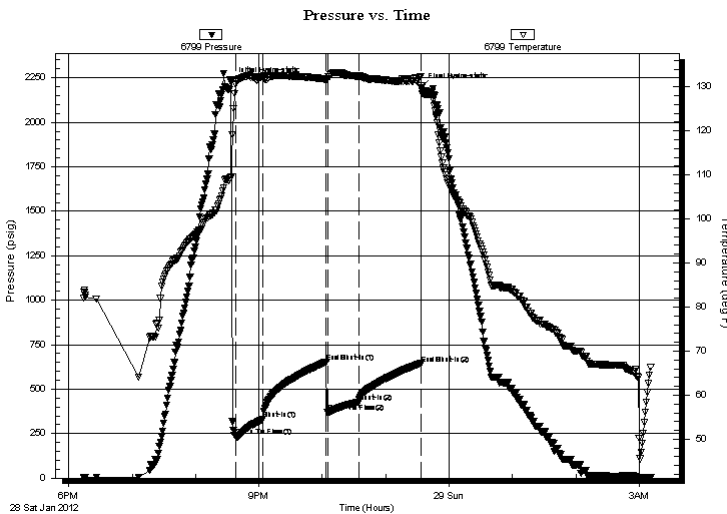
GENERAL INFORMATION:

Formation: **Cherokee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:37:45
 Time Test Ended: 03:11:30
 Interval: **4446.00 ft (KB) To 4476.00 ft (KB) (TVD)**
 Total Depth: 4479.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Kevin Mack
 Unit No: 43
 Reference Elevations: 3108.00 ft (KB)
 3103.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6799

Press @ Run Depth: 427.56 psig @ ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.01.28 End Date: 2012.01.29 Last Calib.: 2012.01.29
 Start Time: 18:14:05 End Time: 03:11:30 Time On Btm: 2012.01.28 @ 20:33:45
 Time Off Btm: 2012.01.28 @ 23:33:45

TEST COMMENT: IF- BoB in 1 1/2 min. Blow began to die at 10 min. Died back to 1/2"
 IS- No Return
 FF- Surface blow built to 1/4" Then died at 8 min.
 FS- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2227.26	109.46	Initial Hydro-static
4	232.78	130.54	Open To Flow (1)
30	330.11	132.35	Shut-In(1)
90	653.48	131.72	End Shut-In(1)
91	368.01	131.57	Open To Flow (2)
121	427.56	132.43	Shut-In(2)
180	643.44	132.35	End Shut-In(2)
180	2196.44	130.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	OCMW 20o 30M 50W	0.89
992.00	Clean Gassy Oil 100o	13.92

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co.

25.5S/33W/Rawlins/KS

250 N. Water STE #300
Wichita, KS 67202

Schroeder #1-25

Job Ticket: 43094

DST#: 4

ATTN: Steve Miller

Test Start: 2012.01.28 @ 18:14:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

27 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

16000 ppm

Viscosity: 67.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

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
180.00	OCMW 20o 30M 50W	0.885
992.00	Clean Gassy Oil 100o	13.915

Total Length: 1172.00 ft Total Volume: 14.800 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

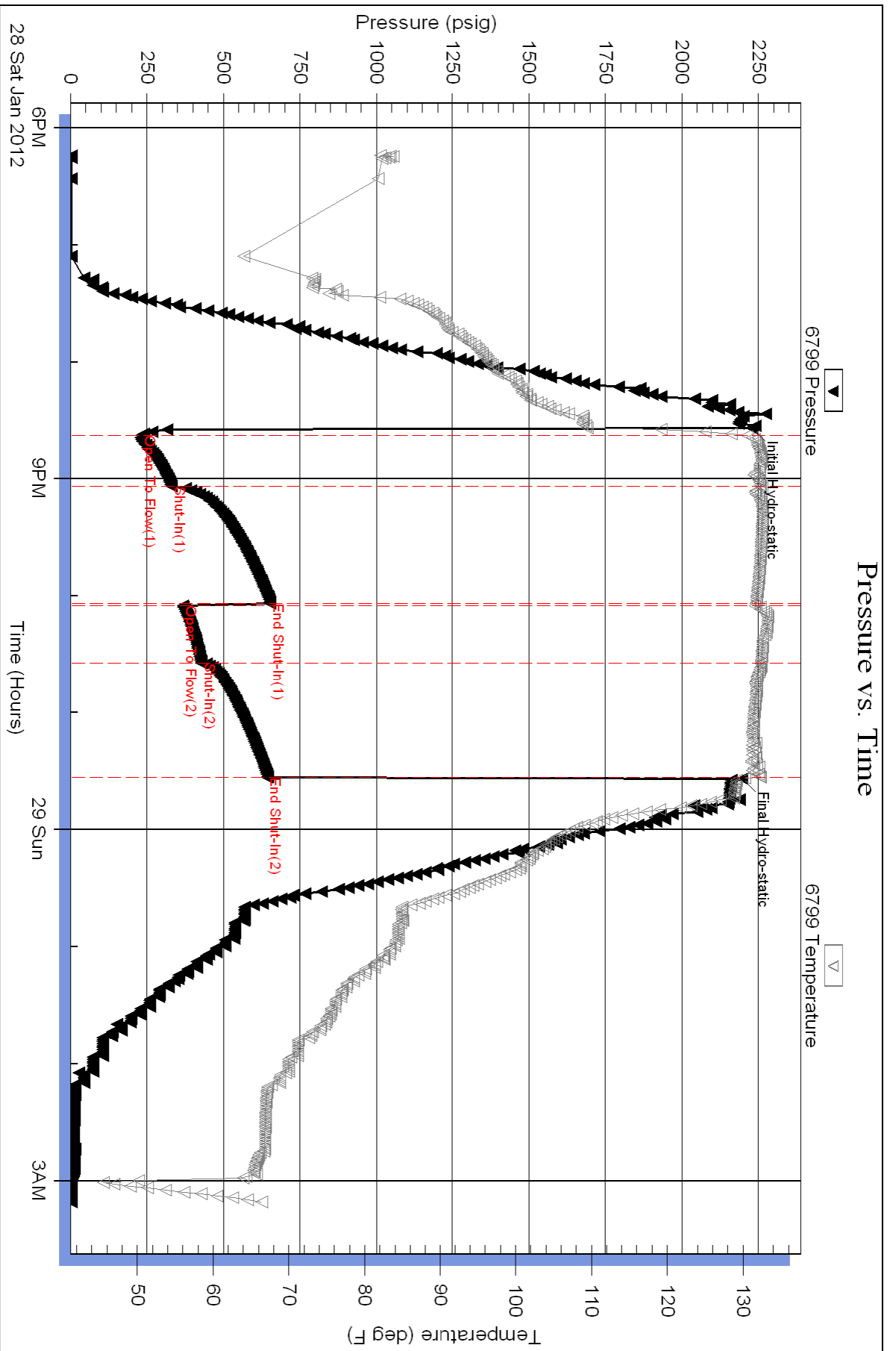
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API 26@ 50 deg = 27

RW .78 @ 37 deg = 16000 ppm





PROD COPY INVOICE

www. Lig H.

PO Box 93999
Southlake, TX 76092

Invoice Number: 129961

OPERATOR PAY MDC

Invoice Date: Jan 19, 2012

LEASE: *Schroeder 1-25*

Page:

Voice: (817) 546-7282
Fax: (817) 246-3361

Bill To:
Murfin Drlg. Co., Inc.
PO BOX 661
Colby, KS 67701

Federal Tax I.D.#: 20-8651475

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Murfin	<i>Schroeder #1-25</i>	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jan 19, 2012	2/18/12

Quantity	Item	Description	Unit Price	Amount
210.00	MAT	Class A Common	16.25	3,412.50
7.00	MAT	Chloride	58.20	407.40
217.00	SER	Handling	2.25	488.25
40.00	SER	Mileage 217 sx @.11	23.87	954.80
1.00	SER	Surface	1,125.00	1,125.00
40.00	SER	Pump Truck Mileage	7.00	280.00
1.00	SER	Manifold Swedge Rental	325.00	325.00
40.00	SER	Light Vehicle Mileage	4.00	160.00
1.00	CEMENTER	LaRene Wentz		
1.00	EQUIP OPER	Darren Racette		
1.00	OPER ASSIST	Billy Turner		

LD203

3 7453.0001

4956.92
OKAD
Convent S. Co.
#1-25

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

\$ 2503.53

ONLY IF PAID ON OR BEFORE
Feb 13, 2012

Subtotal	7,152.95
Sales Tax	307.50
Total Invoice Amount	7,460.45
Payment/Credit Applied	
TOTAL	7,460.45

2503.53

4956.92

ALLIED CEMENTING CO., LLC. 036162

Federal Tax I.D.# 20-5975804

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

SERVICE POINT
Dodson, KS

DATE <i>1-19-12</i>	SEC. <i>25</i>	TWP. <i>5</i>	RANGE <i>33</i>	CALLBD OUT	ON LOCATION <i>6:30 pm</i>	JOB START <i>8:00 pm</i>	JOB FINISH <i>8:20 pm</i>
CLIENT <i>Schroeder</i>	WELL # <i>1-25</i>	LOCATION <i>Colby, Ks. N of Pawnee Col. rd</i>			COUNTY <i>Rawl</i>	STATE <i>KS</i>	
LD OR <input checked="" type="checkbox"/> NEW (Circle one)				<i>3E, 1N, 1E, 1/4N, 2nd</i>			

CONTRACTOR *Murfin #8*

TYPE OF JOB *Surface*

OLE SIZE *12 1/4"* T.D. *267'*

ASING SIZE *8 1/8"* DEPTH *267'*

UBING SIZE DEPTH

RILL PIPE DEPTH

COLL DEPTH

RES. MAX MINIMUM

FEAS. LINE SHOE JOINT

EMENT LEFT IN CSG. *131*

ERFS.

ISPLACEMENT *16.13 661*

OWNER *Same*

CEMENT

AMOUNT ORDERED *210 sks @ 32.00*

EQUIPMENT

UMP TRUCK CEMENTER *LaRue*

431 HELPER *Darren*

ULK TRUCK

347 DRIVER *Billy*

ULK TRUCK DRIVER

COMMON	<i>210 sks @ 16.25</i>	<i>3412.50</i>
POZMIX	@	
GEL	@	
CHLORIDE	<i>25 sks @ 58.20</i>	<i>1455.00</i>
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<i>2.25</i>	<i>488.25</i>
MILEAGE	<i>119.55/mile</i>	<i>1414.80</i>
TOTAL		<i>5262.25</i>

REMARKS:
Mix 210 sks cement
Displace with water
cement did circulate

Thank you

CHARGE TO: *Murfin Drilling Co.*

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB *267'*

PUMP TRUCK CHARGE *1125.00*

EXTRA FOOTAGE @ _____

MILEAGE *40* @ *2.00* *280.00*

MANIFOLD *5/8 edge* @ *325.00*

2.00/mile @ *400* *160.00*

TOTAL *1890.00*

I, 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 one 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*

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



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



Invoice

DATE	INVOICE #
2/10/2012	21403

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	#1-25	Schroeder	Rawlins	Fritzler Trucking	Oil	Development	Port Collar	Nick

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	90	Miles	6.00	540.00
576D-D	Pump Charge - Port Collar - 2756 Feet	1	Job	1,250.00	1,250.00
290	D-Air	3	Gallon(s)	35.00	105.00T
330	Swift Multi-Density Standard (MIDCON II)	300	Sacks	16.50	4,950.00T
276	Flocele	150	Lb(s)	2.00	300.00T
581D	Service Charge Cement	300	Sacks	2.00	600.00
583D	Drayage	1,320	Ton Miles	1.00	1,320.00
	Subtotal				9,065.00
	Sales Tax Rawlins County			8.05%	431.08

USED FOR IC 103
 APPROVED JN R

PAID
 FEB 15 2012
 10 000

We Appreciate Your Business!

Total \$9,496.08



Services, Inc.

CHARGE TO: Mr. P. D. Co Inc.
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET NO: **21403**

PAGE 1 OF 1

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. <u>Hays, KS</u>	<u>4-25</u>	<u>Schroeder</u>	<u>Rawlins</u>	<u>KS</u>		<u>2-10-12</u>	<u>same</u>
2. <u>Ness City, KS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Frizlar's Trucking Serv.</u>	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
3.	WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Part Collar</u>	<u>CT</u>	<u>Local Fun</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS		WELL PERMIT NO.			WELL LOCATION	

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575					#111	90	m'				6.00	540.00
576D					Pump Charge (Part Collar)	125		2756'			12.50	1250.00
296					D-Air	350		1			35.00	105.00
330					SMD Cement	300		skts			16.50	4950.00
276					Flocks	150		#			2.00	300.00
581					Cement Service Charge	300		skts			2.00	600.00
583					Drayage	1380		TM			1.00	1380.00

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

DATE SIGNED: 2-10-12 TIME SIGNED: 1120 A.M. P.M.

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

SURVEY
 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?
 ARE YOU SATISFIED WITH OUR SERVICE?
 CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: 9065.00
 TAX: 431.08
 TOTAL: 9496.08

SWIFT OPERATOR: Mark Hinkle APPROVAL: _____

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

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 2-10-12 PAGE NO. 1

 CUSTOMER Murfin D. Co. Inc WELL NO. # 1-25 LEASE Schwender JOB TYPE Pert Collar TICKET NO. 21403

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0915							01100 setup Trks
								2 3/8" x 5 1/2"
								P.C. 2756'
	0940						1100	Test Csg to 1100 psi
								Open P.C.
	0945	3.5	3				250	Take rate & check for blow
	0950	3.5	0				300	Start Cement 300 sks SMD
	1036	3.5	160				400	Raise weight
		3.5	165/0				400	End Cement / start displacement
	1040		10				450	Cement Displaced
								Close P.C.
							1000	Test Csg 1000 psi
								Run 5 jts
	1100	3	0				150	Rev out
	1107		20					Hole Clean
								did not circulate cement

Thank you

Nick, Josh F & Rob



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



Invoice

DATE	INVOICE #
1/30/2012	21219

BILL TO	
Murfin Drilling Co Inc PO Box 661 Colby, KS 67701-0661	USED FOR <i>IC 103</i> APPROVED <i>ST R</i>

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-25	Schroeder	Rawlins	Company Tools #8	Oil	Development	LongString	Nick
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				100	Miles	6.00	600.00
578D-L	Pump Charge - Long String				1	Job	1,500.00	1,500.00
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
280	Flocheck 21				500	Gallon(s)	2.50	1,250.00T
403-5	5 1/2" Cement Basket				2	Each	250.00	500.00T
404-5	5 1/2" Port Collar				1	Each	2,400.00	2,400.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	250.00	250.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	350.00	350.00T
409-5	5 1/2" Turbolizer				15	Each	90.00	1,350.00T
413-5	5 1/2" Roto Wall Scratcher				6	Each	40.00	240.00T
419-5	5 1/2" Rotating Head Rental				1	Each	200.00	200.00T
325	Standard Cement				225	Sacks	13.50	3,037.50T
276	Flocele				50	Lb(s)	2.00	100.00T
283	Salt				1,150	Lb(s)	0.20	230.00T
284	Calseal				11	Sack(s)	35.00	385.00T
285	CFR-1				150	Lb(s)	4.00	600.00T
581D	Service Charge Cement				225	Sacks	2.00	450.00
583D	Drayage				1,180	Ton Miles	1.00	1,180.00
	Subtotal							14,722.50
	Sales Tax Rawlins County						8.05%	884.90

Thank You For Your Business In 2011!
We Look Forward To Serving You In 2012!

Total \$15,607.40



Services, Inc.

CHARGE TO: Murfin Drly Co. Inc.
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET NO: 21219

PAGE 1 OF 2

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. <u>Hays, Ks</u>	<u>#1-25</u>	<u>Schroder</u>	<u>Rawlins</u>	<u>Ks</u>		<u>1-30-12</u>	<u>same</u>
2. <u>Ness City, Ks</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Co Tools #8</u>	RIG NAME/NO.	SHIPPED VIA <u>AT</u>	DELIVERED TO <u>Location</u>	ORDER NO.	
3.	WELL TYPE <u>oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Longstring</u>		WELL PERMIT NO.	WELL LOCATION	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575						100 mi					6.00	600.00
578					Paap Charge (Longstring)	1 pd					1500.00	1500.00
221					KCL	4 gal					25.00	100.00
280					Flocheck-21	500 gal					2.50	1250.00
403					Baskets	2 ea					250.00	500.00
404					Port Callar	1 ea					2400.00	2400.00
406					LD Plug & Baffle	1 ea					250.00	250.00
407					Taster Float Shoe w/ELL	1 ea					350.00	350.00
409					Turbolizers	15 ea					90.00	1350.00
413					Rot wall separators	6 ea					40.00	240.00
419					Rotating Head	1 ea					200.00	200.00

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 Murfin

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

DATE SIGNED 1-30-12 TIME SIGNED 11:30
 A.M.
 P.M.

SURVEY		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	AMOUNT	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					1	8740.00	
WE UNDERSTOOD AND MET YOUR NEEDS?					2	5982.50	
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					Sub total	14722.50	
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					Rawlins	884.90	
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO			18.05%		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						TOTAL	15,607.40

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

Thank You!



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

TICKET CONTINUATION

TICKET No. 21219

CUSTOMER
Marlin Ply Co. Inc

WELL
Schroeder #1-25

DATE
1-30-12

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		1				Standard Cement	225	SKS			13.50	3037.50
276		2				Flocele	50	#	1/4	1/4	2.00	100.00
283		2				Salt	1150	#	10	1/16	2.00	2300.00
284		2				Cal Seal	115	SKS	5	1/16	3.35	385.00
285		2				CFR-1	150	#	3/4	1/16	4.00	600.00
581		2				SERVICE CHARGE					2.00	4.00
583		2				MILEAGE TOTAL WEIGHT CHANGE					1.00	1.00
						LOADED MILES						1180.00
						CUBIC FEET						450.00
						TON MILES						1180.00
CONTINUATION TOTAL												5982.50

JOB LOG

SWIFT Services, Inc.

DATE 1-30-12 PAGE NO. 1

CUSTOMER: *Martin Drilg Co. Inc* WELL NO: *#1-25* LEASE: *Schroeder* JOB TYPE: *Longstring* TICKET NO. *21219*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1630							on loc w/ FE
								RTD 4716'
								5 1/2" x 15.5# x 4720' x 22'
								Cent 1-14, 46
								Baskets 46, 47
								P.C. 47 @ 2760'
	1900							Start FE
	2000							Break Circ 1/2 way in
	2130							Break Circ BTHM
	2235	5	0				200	Start KCL
	2245	5	15/0				200	Start Flocheck-21
		5	12/0				200	Start KCL
		6	5/0				250	Start Cent 175 sks EA-2
	2252		42					End Cement
								Wash P+L
								Drop LD Plug
	2256	6.5	0				200	Start Displacement
	2208	5	76				300	Catch Cement
	2215		112				800/11200	Land Plug
								Release Pressure
								Float Held
		2.5	7/5					Plug BTH+MH 30/20 EA-2

Thank you

Nick, Josh F. & Doug