



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

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

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



1067790

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

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

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
---	---

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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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

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
-----------------------------------	-----------	---------	-------------	---------------	---------

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
--	---	---

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

November 15, 2011

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

Re: ACO1
API 15-141-20433-00-00
Ruthi 1-8
SE/4 Sec.08-08S-14W
Osborne 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

MDCI Ruthi #1-8 2250' FSL 900' FEL Sec. 8-T8S-R14W 1765' KB	Neven H. Veail Swander #1 C SE NW Sec. 9-T8S-R14W 1751' KB
---	--

Formation	Sample Top	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
Anhydrite	1028	+737	-9	1025	+740	-6	1005	+746
B/Anhydrite	1058	+707	-4	1058	707	-4	1040	+711
Topeka	2685	-920	+15	2687	-922	+13	2686	-935
Heebner	2915	-1150	+22	2918	-1153	+19	2923	-1172
Toronto	2938	-1173	+20	2938	-1173	+20	2944	-1193
Lansing	2963	-1198	+19	2962	-1197	+20	2968	-1217
Stark	3182	-1417	+24	3182	-1417	+24	3192	-1441
BKC	3244	-1479	+22	3244	-1479	+22	3252	-1501
Viola	3476	-1711	+43	3468	-173	+51	3505	-1754
Simpson	3524	-1759	+122	3527	-1762	+119	3632	-1881
Arbuckle	3580	-1815	+118	3576	-1811	+122	3684	-1933
RTD	3650						3710	
LTD				3653			3713	



GEOLOGIST'S REPORT

OPERATOR **MURFIN DRILLING COMPANY, INC.**
 LEASE **RUTHI # 1-8**

LOCATION **2250 FSL & 900 FEL**
 SEC. **8** TWP **8S** RGE **14W**
 COUNTY **OSBORNE** STATE **KANSAS**

FIELD **WILDCAT**
 CONTRACTOR **Murfin Drilling Company** RIG NO. **8**
 COMMENCED **23 AUG 2011** COMPLETED **30 AUG 2011**
 MUD REPLACED **2504** MUD TYPE **Chemical**
 DRILLING TIME KEPT FROM **220** TO **3650**
 SAMPLES SAVED FROM **220** TO **3650**
 SAMPLES EXAMINED FROM **220** TO **3650**
 GEOLOGICAL SUPERVISION FROM **575** TO **3650**
 GEOLOGIST ON WELL **Paul Gunzelman**

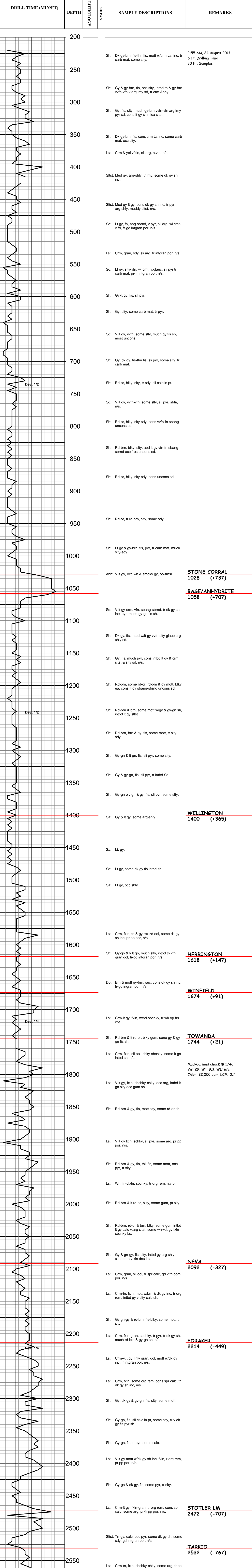
ELEVATIONS
 KB **1765 Ft.**
 GL **1760 Ft.**
 ALL MEASUREMENTS FROM K.B.

CASING RECORD
 Conductor Name
 Surface **9.56" @ 219'**
 Production **4.12" @ 3255'**

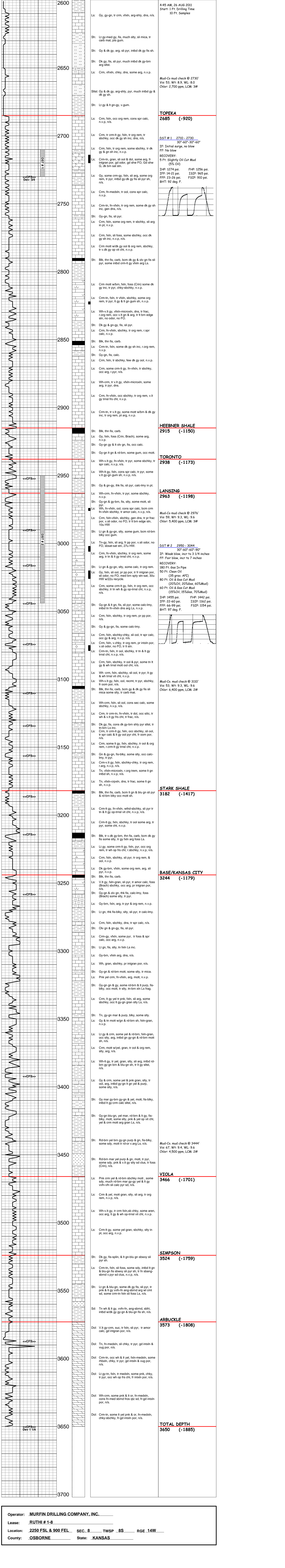
ELECTRICAL SURVEYS:
 Log-Tech, Inc.
 Comp. Neutron Density
 Dual Induction
 Micro-resistivity
 Comp. Sonic

FORMATION NAME	LOG TOP DATUM	SAMPLE TOP DATUM
Stone Corral	1025 +740	1028 +737
Base/Anhydrite	1058 +706	1058 +707
Topoka	2886 -921	2885 -920
Heebner Shale	2918 -1153	2915 -1150
Lansing	2962 -1197	2963 -1198
Base/Kansas City	3245 -1480	3244 -1479
Viola	3468 -1703	3476 -1711
Simpson	3527 -1762	3524 -1759
Atduckle	3576 -1811	3580 -1815
Total Depth	3633 -1888	3650 -1885

DRILL TIME (MIN/FT)	DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	REMARKS
---------------------	-------	-----------	---------------------	---------



DRILL TIME (MIN/FT)	DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	REMARKS
---------------------	-------	-----------	---------------------	---------





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

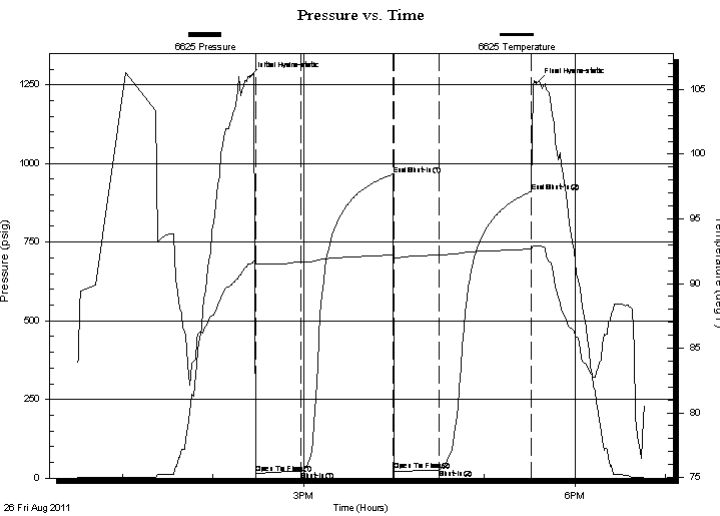
Ruthi #1-8
8-8s-14w Osborne
 Job Ticket: 44553 **DST#: 1**
 Test Start: 2011.08.26 @ 12:30:21

GENERAL INFORMATION:

Formation: **Topeka**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:28:16
 Time Test Ended: 18:46:45
Interval: 2710.00 ft (KB) To 2730.00 ft (KB) (TVD)
 Total Depth: 2730.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Ray Schwager
 Unit No: 42
 Reference Elevations: 1767.00 ft (KB)
 1762.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6625 Inside
 Press @ Run Depth: 26.80 psig @ 2711.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.08.26 End Date: 2011.08.26 Last Calib.: 2011.08.26
 Start Time: 12:30:21 End Time: 18:46:45 Time On Btm: 2011.08.26 @ 14:24:46
 Time Off Btm: 2011.08.26 @ 17:34:45

TEST COMMENT: 30-IFP-surge , then no bl
 60-ISIP-no bl
 30-FFP-no bl
 60-FSIP-no bl



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1274.95	91.53	Initial Hydro-static
4	14.88	91.54	Open To Flow (1)
34	21.12	91.66	Shut-In(1)
95	965.61	92.21	End Shut-In(1)
95	23.49	92.01	Open To Flow (2)
125	26.80	92.21	Shut-In(2)
187	910.52	92.66	End Shut-In(2)
190	1256.63	92.87	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
5.00	SOCM 5% O95%M	0.02

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

Ruthi #1-8

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

8-8s-14w Osborne

Job Ticket: 44553

DST#: 1

Test Start: 2011.08.26 @ 12:30:21

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.95 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	SOCM 5%O95%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

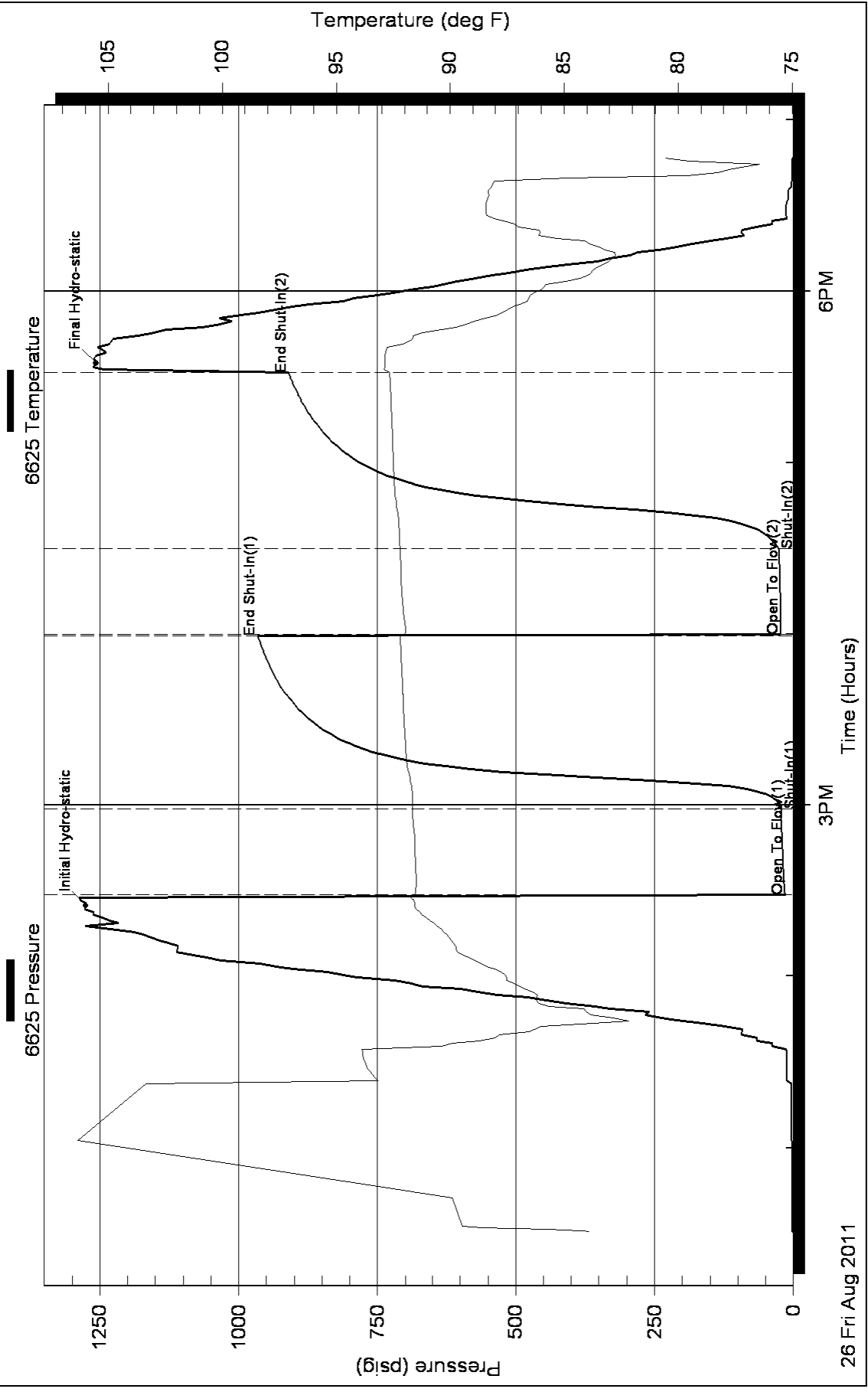
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



26 Fri Aug 2011



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

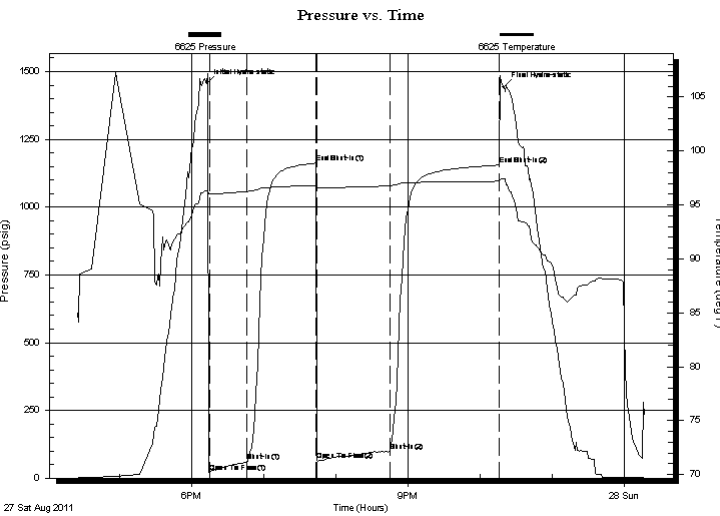
Ruthi #1-8
8-8s-14w Osborne
 Job Ticket: 44554 **DST#: 2**
 Test Start: 2011.08.27 @ 16:25:20

GENERAL INFORMATION:

Formation: **LKC A-D**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:14:45
 Time Test Ended: 00:17:14
 Interval: **2950.00 ft (KB) To 3044.00 ft (KB) (TVD)**
 Total Depth: 3044.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Ray Schwager
 Unit No: 42
 Reference Elevations: 1767.00 ft (KB)
 1762.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6625 Inside
 Press @ Run Depth: 99.22 psig @ 2956.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.08.27 End Date: 2011.08.28 Last Calib.: 2011.08.28
 Start Time: 16:25:20 End Time: 00:17:14 Time On Btm: 2011.08.27 @ 18:12:45
 Time Off Btm: 2011.08.27 @ 22:19:44

TEST COMMENT: 30-IFP-w k bl 1/4" to 3 1/4" bl
 60-ISIP-surface bl bk
 60-FFP-w k to a gd bl 1" to 7" bl
 90-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1455.96	96.29	Initial Hydro-static
2	22.34	96.05	Open To Flow (1)
33	60.47	96.24	Shut-In(1)
91	1162.18	96.81	End Shut-In(1)
92	66.95	96.60	Open To Flow (2)
152	99.22	96.78	Shut-In(2)
243	1154.85	97.20	End Shut-In(2)
247	1442.72	97.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	O&GCM 15%G15%O70%M	0.30
80.00	O&GCM 20%G20%O60%M	0.39
50.00	CO	0.34
0.00	180'GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

Ruthi #1-8

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

8-8s-14w Osborne

Job Ticket: 44554

DST#: 2

Test Start: 2011.08.27 @ 16:25:20

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:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.54 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	O&GCM 15%G15%O70%M	0.295
80.00	O&GCM 20%G20%O60%M	0.393
50.00	CO	0.337
0.00	180'GIP	0.000

Total Length: 190.00 ft

Total Volume: 1.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

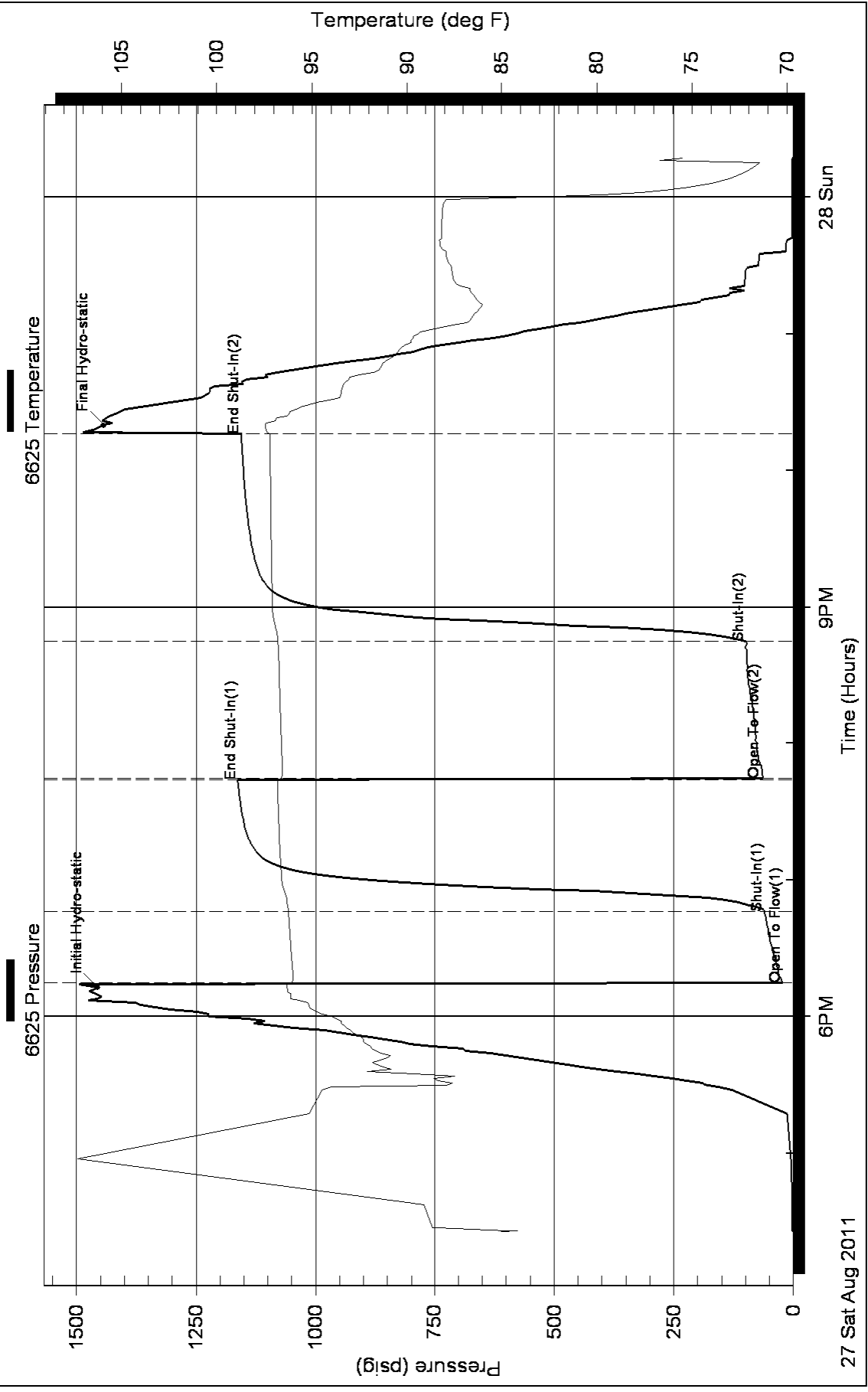
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





PO BOX 31 Russell, KS 67665

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

Bill To:
 Murfin Drilg. Co., Inc
 P.O. Box 661
 Colby, KS 67701

Federal Tax I.D.#: 20-5975804

MDC Pay Operator

asst. inv.

INVOICE

Invoice Number: 128387
 Invoice Date: Aug 23, 2011
 Page: 1

Customer ID	Well Name# or Customer P.O.	Payment Terms
Murfin	Ruthi #1-8	Net 30 Days
Job Location	Camp Location	Service Date
KS2-01	Great Bend	Aug 23, 2011
		Due Date
		9/22/11

Quantity	Item	Description	Unit Price	Amount
160.00	MAT	Class A Common	16.25	2,600.00
3.00	MAT	Gel	21.25	63.75
6.00	MAT	Chloride	58.20	349.20
169.00	SER	Handling	2.25	380.25
50.00	SER	Mileage 169 sx @ .11 per sk per mi	18.59	929.50
1.00	SER	Surface ✓	1,125.00	1,125.00
100.00	SER	Pump Truck Mileage	7.00	700.00
100.00	SER	Light Vehicle Mileage	4.00	400.00
1.00	OPER ASSIST	Bobby Roller		
1.00	EQUIP OPER	Doug Kornegay Jr		
1.00	OPER ASSIST	Jacob King		

OND

ALL PRICES ARE NET, PAYABLE
 30 DAYS FOLLOWING DATE OF
 INVOICE. 1 1/2% CHARGED
 THEREAFTER. IF ACCOUNT IS
 CURRENT, TAKE DISCOUNT OF
 \$ 2291.69
 ONLY IF PAID ON OR BEFORE
 Sep 17, 2011

Subtotal	6,547.70
Sales Tax	235.01
Total Invoice Amount	6,782.71
Payment/Credit Applied	
TOTAL	6,782.71

Handwritten arrow pointing to the total amount and date.

ALLIED CEMENTING CO., LLC. 037347

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Great Bendks

DATE <u>8-23-11</u>	SEC <u>98</u>	TWP <u>8 S</u>	RANGE <u>14 W</u>	CALLED OUT	ON LOCATION	JOB START COUNTY <u>Osborne</u>	JOB FINISH STATE <u>KS</u>
LEASE <u>Andrew</u>	WELL # <u>1-8</u>	LOCATION <u>Osborne Jcs South to Rd 388</u>					
OLD OR <u>NEW</u> (Circle one)		LOCATION <u>1/4 west 1/2 north west 388</u>					

CONTRACTOR Murkum Drilling Co. Inc OWNER Murkum Drilling Co. Inc

TYPE OF JOB surface

HOLE SIZE 12 1/4 T.D. 219
 CASING SIZE 8 5/8 23# DEPTH 219
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2 DEPTH 219
 TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15 FT

PERFS.

DISPLACEMENT fresh water

EQUIPMENT

PUMP TRUCK CEMENTER Bob R.
 # 398 HELPER Doug Bob R.
 BULK TRUCK
 # 344-170 DRIVER Jacob
 BULK TRUCK DRIVER

REMARKS:

Pipe on bottom bread circulation with 80 mud, mix 160 lbs Com 3% ce 2% gel Displace with 13 bbl fresh water and shut in.

COMMON	<u>160</u>	@	<u>16.25</u>	<u>2600.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>21.25</u>	<u>63.75</u>
CHLORIDE	<u>6</u>	@	<u>58.20</u>	<u>349.20</u>
ASC		@		
HANDLING	<u>169</u>	@	<u>2.25</u>	<u>380.25</u>
MILEAGE	<u>169</u>	@	<u>5.50</u>	<u>929.50</u>
TOTAL				<u>4322.70</u>

SERVICE

DEPTH OF JOB	<u>219</u>			
PUMP TRUCK CHARGE				<u>1125.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>Hum</u>	@	<u>7.00</u>	<u>700.00</u>
MANIFOLD		@		
<u>Hum</u>	<u>100</u>	@	<u>4.00</u>	<u>400.00</u>
TOTAL				<u>2225.00</u>

CHARGE TO: Murkum Drilling Co. Inc
 STREET _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

		@		
		@		
		@		
		@		
		@		
TOTAL				

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.

SALES TAX (If Any) _____

TOTAL CHARGES 6,547.70

DISCOUNT 50% 1,918.39

TOTAL 4,629.31

IF PAID IN 30 DAYS

PRINTED NAME Rodney Fair
 SIGNATURE Rodney Fair

Thank you

cc:wf
cc:ld-1
Scan-Line

Acctg

Date: 9/17/2011
Invoice # 5093

P.O.#:

Due Date: 10/17/2011
Division: Russell



QUALITY OILWELL CEMENTING, INC.
PO Box 32 - 740 West Wichita Ave, Russell KS 67665
Phone: 785-324-1041 fax: 785-483-1087
Email: cementing@ruraltel.net

Invoice

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

USED FOR Jc 103
APPROVED [Signature]

Reference:
RUTHI 1-8

Description of Work:
PORT COLLAR JOB

Services / Items Included:

	Quantity	Price	Item	Quantity	Price	Taxable
non, MetsoBeads, Plater, Gel, FloSeal, Calcium)	165	\$ 925.29				No
Bulk Truck Mat-Material Service Charge	200	\$ 3,196.86				Yes
Pump Truck Mileage-Job to Nearest Camp	39	\$ 405.33				No
Bulk Truck Mileage-Job to Nearest Bulk Plant	39	\$ 394.41				No
Flo Seal	50	\$ 230.80				No
Sand	2	\$ 101.33				Yes
		\$ 34.17				Yes

Invoice Terms:
Net 30

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice:
Sub Total: \$ 5,288.20
Discount: \$ (793.23)

SubTotal for Taxable Items: \$ 2,832.51
SubTotal for Non-Taxable Items: \$ 1,662.46
Total: \$ 4,494.97
Tax: \$ 220.94

7.80% Osborne County Sales Tax

Thank You For Your Business!

Amount Due: \$ 4,715.91
Applied Payments:
Balance Due: \$ 4,715.91

Past Due Invoices are subject to a service charge (annual rate of 24%)
This does not include any applicable taxes unless it is listed.
©2008-2013 Straker Investments, LLC. All rights reserved.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 5093

Cell 785-324-1041

Date <u>9-14-11</u>		County <u>Osborne</u>		State <u>Kansas</u>		On Location		Finish <u>11:30am</u>	
Lease <u>Ruthi</u>		Well No. <u>1-8</u>		Location <u>Arkoma NW 4E</u>					
Contractor <u>Martin</u>		Owner							
Type Job <u>Part Collar</u>		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 <u>4 1/2</u>		T.D.		Charge To <u>Martin Drly</u>					
Csg. <u>4 1/2</u>		Depth		Street					
Tbg. Size <u>2 3/8</u>		Depth		City		State			
Tool <u>Part Collar</u>		Depth <u>1096</u>							
Cement Left in Csg.		Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.					
Meas Line		Displace <u>3 1/2 Bbl</u>		Cement Amount Ordered <u>200 Q.MDC 1/16</u>					
EQUIPMENT									
Pumpirk	No. <u>5</u>	Cementer <u>Steve</u>							
		Helper							
Bulkirk	No. <u>10</u>	Driver <u>GLAS</u>	Common <u>165 Q.MDC</u>						
		Driver <u>Brian S</u>	Poz. Mix						
Bulkirk	No.	Driver	Gel.						
		Driver	Calcium						
JOB SERVICES & REMARKS									
Remarks:									
Rat Hole	Hulls								
Mouse Hole	Salt								
Centralizers	Flowseal <u>50 #</u>								
Baskets	Kol-Seal								
DV or Port Collar	Mud CLR 48								
<u>RBP @ 2340</u>	CFL-117 or CD110 CAF 38								
<u>Spot sand @ 1107</u>	Sand <u>2</u>								
<u>Open tool & break circulation</u>	Handling <u>200</u>								
<u>Mix 165 ss & Circulate Cement</u>	Mileage								
<u>Close tool & pressure to 100psi</u>	Guide Shoe								
<u>Run 5 ts & wash clean</u>	Centralizer								
<u>Rem fabric & wash sand off RBP</u>	Baskets								
	AFU Inserts								
	Float Shoe								
	Latch Down								
	Pumpirk Charge <u>part collar</u>								
	Mileage <u>139</u>								
	Tax								
	Discount								
	Total Charge								
X Signature <u>Kevin Adelman</u>									

Acoby

cc: WF
CC: LR-1
Scan-Lin



24 S. Lincoln Street
P.O. Box 31
Russell, KS 67665-2906
Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 128441
Invoice Date: Aug 30, 2011
Page: 1

USED FOR IC 103
APPROVED [Signature]

Bill To:
Murfin Drlg. Co., Inc.
P.O. Box 661
Colby, KS 67701

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms
Murfin	Ruthi #1-8	Net 30 Days
Job Location	Camp Location	Service Date
KS2-02	Russell	Aug 30, 2011
		9/29/11

Quantity	Item	Description	Unit Price	Amount
4.00	MAT	Gel	21.25	85.00
245.00	MAT	ASC	19.00	4,655.00
1,225.00	MAT	Gilsonite	0.89	1,090.25
61.00	MAT	Flo Seal	2.70	164.70
115.00	MAT	CD-31	9.35	1,075.25
500.00	MAT	WFR-2	1.10	550.00
277.00	SER	Handling	2.25	623.25
60.00	SER	Mileage	30.47	1,828.20
1.00	SER	Production String	2,125.00	2,125.00
120.00	SER	Heavy Vehicle Mileage	7.00	840.00
120.00	SER	Light Vehicle Mileage	4.00	480.00
1.00	EQP	5 1/2 Float Shoe	245.00	245.00
10.00	EQP	5 1/2 Turbolizers	60.00	600.00
2.00	EQP	5 1/2 Baskets	236.00	472.00
10.00	EQP	5 1/2 Reciprocating Scratchers	83.00	830.00
1.00	EQP	5 1/2 Latch Down Plug	194.00	194.00
1.00	EQP	5 1/2 Port Collar	1,820.00	1,820.00
1.00	CEMENTER	Glenn Ginther		
1.00	OPER ASSIST	Woody O'Neil		
1.00	OPER ASSIST	Mark Radke		

Subtotal	17,677.65
Sales Tax	918.93
Total Invoice Amount	18,596.58
Payment/Credit Applied	
TOTAL	18,596.58

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

\$ 6,187.18

ONLY IF PAID ON OR BEFORE

Sep 24, 2011

ALLIED CEMENTING CO., LLC. 038165

Federal Tax I.D. # 20-5975804

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

SERVICE POINT:

Russell, Kas.

DATE <u>8-30-2011</u>	SEC. <u>8</u>	TWR. <u>6</u>	RANGE <u>14 mi</u>	CALLED OUT	ON LOCATION	JOB START <u>1:30</u>	JOB FINISH <u>2:00 PM</u>
LEASE <u>807 HI</u>	WELL # <u>1-8</u>	LOCATION <u>OSborne As 14 X S. INTER.</u>		COUNTY <u>OSBORNE</u>	STATE <u>KANSAS</u>		

CONTRACTOR MURFIN DRILLING Rig # 8 OWNER

TYPE OF JOB Drumming string
 HOLE SIZE 7 1/8" T.D. 3650 R/P
 CASING SIZE 5 1/2" NEW DEPTH 3255'
 TUBING SIZE 10" 50# DEPTH 3214'
~~PIPE~~ LATEL Down Plug DEPTH 3214'
 TOOL PORT COLLAR @ 1095'
 PRES. MAX. MINIMUM
 MEAS. LINE SHOE JOINT 40 1/2"
 CEMENT LEFT IN CSG. 40 1/2"
 PERFS. 5 1/2" / 186'
 DISPLACEMENT

CEMENT AMOUNT ORDERED 245 Sx Conv. ASC
50# 150# / Sx. 2.8 Gal. 14# Flo Sol / Sx.
2.0 E.L. CD-31 w/ DeFoamer (241)
6.13 SOGAL. w/ FR-2 - MUP FLUSH
 COMMON @
 POZMIX @
 GEL @ 21.25 8000
 CHLORIDE @
 ASC @ 19.00 96557.00

EQUIPMENT
 PUMP TRUCK CEMENTER Colbert
 # 417 HELPER Woody
 BULK TRUCK # 410 DRIVER Mark
 BULK TRUCK # DRIVER

Colbert 1225 @ 1.89 1090.25
Fl. Sol 61 # @ 2.70 164.70
CD-31 115 # @ 9.35 1075.25
WFR-2 500 Gal @ 1.11 550.00
 HANDLING 277 @ 2.25 623.25
 MILEAGE 1114.8 mi @ 18.25 20352.25
 TOTAL 19071.65

*PORT COLLAR ON #54
 REMARKS:
RUN 175' OF NEW 4 1/2" CSG. (10.50)
SET @ 3255' (395' OFF BOTTOM)
CIRCULATED @ 180 # @ 10.00 = 1800.00
CLEAN LINE & RELEASE LATCH DOWN PLUG
DISPLACE 51.0' FILL 11.0' LATCH
PLUG @ 1500 # @ RELEASE PRESSURE
* LATCH DOWN PLUG (FIELD)
* 30 Sx @ 1500 # @ 1.50 = 450.00

SERVICE

DEPTH OF JOB
 PUMP TRUCK CHARGE
 EXTRA FOOTAGE @ 7.00 840.00
 MILEAGE @ 9.00 960.00
 5 MANIFOLD
 COL @ 1.20 120.00
 TOTAL 3945.00

CHARGE TO: MURFIN DRILLING CO. INC.

STREET _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

RR FLOATSLIP 245.00
RR 10-TURBO-CONT @ 60.00 600.00
RR 2 - BASKETS @ 236.00 472.00
RR 10 RESIP. SCRATCHERS @ 83.00 830.00
RR LATCH DOWN PLUG ASSY @ 194.00
RR PORT COLLAR @ 1820.00
 TOTAL 5161.00

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.

SALES TAX (if any) _____
 TOTAL CHARGES 17,677.65
 DISCOUNT 50/20 IF PAID IN 30 DAYS

PRINTED NAME Kevin Axelsson
 SIGNATURE Kevin Axelsson