

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

WAI
8/11/12

OPERATOR: License # 30606
Name: Murfin Drilling Company, Inc.
Address 1: 250 N. Water, Suite 300
Address 2: _____
City: Wichita State: KS Zip: 67202 + _____
Contact Person: Leon Rodak
Phone: (316) 267-3241
CONTRACTOR: License # 30606
Name: Murfin Drilling Company, Inc.
Wellsite Geologist: Bob Stolzle
Purchaser: MV Purchasing

KCC
AUG 11 2010
CONFIDENTIAL

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 #: _____

<u>04/13/10</u>	<u>04/19/10</u>	<u>05/03/10</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22649-0000
Spot Description: _____
SE SW SE NW Sec. 4 Twp. 12 S. R. 24 East West
2,470 Feet from North / South Line of Section
1,870 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Trego
Lease Name: SHU Well #: 1-4
Field Name: Wildcat
Producing Formation: LKC
Elevation: Ground: 2530 Kelly Bushing: 2541
Total Depth: 4250 Plug Back Total Depth: 4233
Amount of Surface Pipe Set and Cemented at: 225 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 2139 Feet
If Alternate II completion, cement circulated from: 2139
feet depth to: surface w/ 160 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 #: _____

RECEIVED
AUG 13 2010

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Main Street, Topeka, 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: 08/11/10

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: 8/11/10 - 8/11/12
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NJ Date: 8-19-10

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30606 **KCC**
Name: Murfin Drilling Company, Inc. **AUG 11 2010**
Address 1: 250 N. Water, Suite 300
Address 2: _____
City: Wichita State: KS Zip: 67202 + _____
Contact Person: Leon Rodak **RECEIVED**
Phone: (316) 267-3241 **KANSAS CORPORATION COMMISSION**
CONTRACTOR: License # 30606 **AUG 11 2010**
Name: Murfin Drilling Company, Inc.
Wellsite Geologist: Bob Stolze **CONSERVATION DIVISION WICHITA, KS**
Purchaser: MV Purchasing

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 #: _____

04/13/10 04/19/10 05/03/10
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 195-22649-0000

Spot Description: _____

SE SW SE NW Sec. 4 Twp. 12 S. R. 24 East West

2,470 Feet from North / South Line of Section

1,870 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Trego

Lease Name: SHU Well #: 1-4

Field Name: Wildcat

Producing Formation: LKC

Elevation: Ground: 2530 Kelly Bushing: 2541

Total Depth: 4250 Plug Back Total Depth: 4233

Amount of Surface Pipe Set and Cemented at: 225 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 2139 Feet

If Alternate II completion, cement circulated from: 2139

feet depth to: surface w/ 160 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: 08/11/10

KCC Office Use ONLY

Letter of Confidentiality Received
Date: 8/11/10 - 8/11/12

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: Murfin Drilling Company, Inc. Lease Name: SHU Well #: 1-4
 Sec. 4 Twp. 12 S. R. 24 East West County: Trego

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

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Induction, Compensated Porosity, Microresistivity	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See Attached List <div style="text-align: center;"> KCC AUG 11 2010 </div>
---	---

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 11 2010
CONSERVATION DIVISION
WICHITA, KS

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Re-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#	290	Common	190	3% cc, 2% gel
Production		5 1/2	15.5#	4248	EA-2	150	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	4078-4088 LKC "I"	250 gal 15% MCA, 1000 gal 15% MCA	

TUBING RECORD: Size: <u>2-3/8</u> Set At: <u>4195</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 Bbls. <u>3</u> Gas Mcf _____ Water Bbls. <u>9</u> Gas-Oil Ratio _____ Gravity <u>28.5</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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4078-4088</u>
---	--	--

KCC
 AUG 11 2003

CONFIDENTIAL

MDCI SHU #1-4 2470 FNL 1870 FWL Sec. 4-T12S-R24W 2541' KB	MDCI Dietz Unit #1-8 570 FNL 2600 FWL Sec. 8-T12S-R24W 2485' KB	Keith F. Walker Oil Prod. Malinowsky #1 NE SE NW Sec. 4-T12S-R24W 2533' KB
---	---	--

Formation	Sample top	Datum	Log Top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	2120	+421	2119	+422	+12	2075	+410	Flat	2111	+422
B/Anhydrite	2170	+371	2162	+379	+12	2118	+367	Flat	2154	+379
Topeka	3649	-1108	3651	-1110	-7	3588	-1103	-6	3637	-1104
Heebner	3873	-1332	3875	-1334	-6	3813	-1328	-3	3864	-1331
Toronto	3893	-1352	3896	-1355	-6	3834	-1349	-3	3885	-1352
Lansing	3908	-1367	3912	-1371	-7	3849	-1364	-4	3900	-1367
BKC	4156	-1615	4152	-1611	-7	4089	-1604	+1	4145	-1612
Pawnee						NDE	NDE		NDE	NDE
Fort Scott						NDE	NDE		NDE	NDE
Cherokee						NDE	NDE		NDE	NDE
Mississippi						NDE	NDE		NDE	NDE
RTD	4250					4160	-1675		4149	
LTD			4255			4156	-1671		4148	

RECEIVED
 KANSAS CORPORATION COMMISSION
 AUG 11 2003
 CONSERVATION DIVISION
 WICHITA, KS



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



cc:WF
rc:Leon pl

Invoice

DATE	INVOICE #
4/28/2010	17465

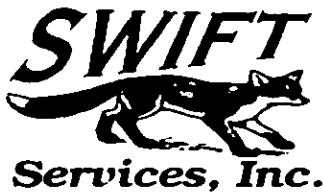
BILL TO
Murfin Drilling Co Inc P. O. Box 130 Hill City, KS 67642-0130
USED FOR
APPROVED

- Acidizing ^{KCC} AUG 11 2010
- Cement CONFIDENTIAL
- Tool Rental

H Now Well
DT

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-4	Shu	Trego	Company Tools	Oil	Development	Port Collar	Nick
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				45	Miles	5.00	225.00
576D-D	Pump Charge - Port Collar - 2138 Feet				1	Job	1,100.00	1,100.00
290	D-Air				2	Gallon(s)	35.00	70.00T
279	Bentonite Gel				6	Sack(s)	25.00	150.00T
330	Swift Multi-Density Standard (MIDCON II)				160	Sacks	15.00	2,400.00T
276	Flocele				50	Lb(s)	1.50	75.00T
581D	Service Charge Cement				250	Sacks	1.50	375.00
583D	Drayage				550	Ton Miles	1.00	550.00
	Subtotal							4,945.00
	Sales Tax Trego County						5.80%	156.31
<p>RECEIVED KANSAS CORPORATION COMMISSION AUG 11 2010 CONSERVATION DIVISION WICHITA, KS</p>								
We Appreciate Your Business!							Total	\$5,101.31

4/28/2010



CHARGE TO: Mu-fin D-1g Co. Inc.
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET
17465

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>Hays, Ks.</u> 2. <u>Ness City, Ks.</u> 3. 4.	WELL/PROJECT NO. <u>#1-4</u>	LEASE <u>Shy</u>	COUNTY/PARISH <u>Trego</u>	STATE <u>Ks</u>	CITY	DATE <u>4-28-10</u>	OWNER <u>Same</u>
	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Co Tools</u>	RIG NAME/NO.	SHIPPED VIA <u>RT</u>	DELIVERED TO <u>Location</u>	ORDER NO.	
	WELL TYPE <u>oil</u>	WELL CATEGORY <u>development</u>	JOB PURPOSE <u>Port Collar</u>	WELL PERMIT NO.	WELL LOCATION		
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575	KCC AUG 11 2010 CONFIDENTIAL	1			MILEAGE #111	45	mi			5 ⁰⁰	225 ⁰⁰
576D		1			Pump Charge (Port Collar)	1.00		2138	'	1100 ⁰⁰	1100 ⁰⁰
290		1			D-Air	2	gal			35 ⁰⁰	70 ⁰⁰
279		1			Bentonite gel	6	skt			25 ⁰⁰	150 ⁰⁰
330		2			SMD Cement	160	skt			15 ⁰⁰	2400 ⁰⁰
276		2			Fluocel	50	#			1 ⁵⁰	75 ⁰⁰
581		2			Cement Service Charge	250	skt			1 ⁵⁰	375 ⁰⁰
583		2			Drayage	550	TM			1 ⁰⁰	550 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 John Gust
 DATE SIGNED: 4-28-10 TIME SIGNED: 0940 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	4945 ⁰⁰
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					4945
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Trego TAX 5.8%	150 ³¹
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			TOTAL	5101 ³¹
<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 Gozbe APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 4-28-10 PAGE NO. 1

CUSTOMER *Murphy Dily Co. Inc.* WELL NO. *#1-4* LEASE *Sho* JOB TYPE *Port Callan* TICKET NO. *17465*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0810							on loc setup Trks KCC Aug 1 2010 CONFIDENTIAL
								2 3/4" x 5 1/2" P.C. @ 2138'
	0820	.5	1				1200	Test Csg to 1200 Psi Open P.C.
	0830	3.5	4				100	Taking rate + check for flow
	0835	4	0				300	Start gel 6 sks
	0839	4	18/0				350	Start wtr spacer
	0841	5	10/0				450	Start Cement 160sk SMD
	0857	5	78				800	circ cement / raise weight
	0858	5	83/0				800	End Cement / start Displacement
	0900		7				700	Cement Displaced
								Close P.C.
							1200	Test Csg to 1200 Psi
								Run 5jts
	0910	3	0					Reverse out
	0917		20					Hold Clean
								wash up Trks
								160sk SMD 6sk Gel circ 20sk topit
								Thank you Nick & Josh F.



PO BOX 31 Russell, KS 67665

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

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

acct. Log
INVOICE

Invoice Number: 122278
 Invoice Date: Apr 13, 2010
 Page: 1

PROD COPY

KCC
AUG 11 2010
CONFIDENTIAL

operator pay
MDC

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Murfin	SHU #1-4	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Apr 13, 2010	5/13/10

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	13.50	2,025.00
3.00	MAT	Gel	20.25	60.75
5.00	MAT	Chloride	51.50	257.50
158.00	SER	Handling	2.25	355.50
45.00	SER	Mileage 158 sx @ .10 per sk per mi	15.80	711.00
1.00	SER	Surface	991.00	991.00
45.00	SER	Pump Truck Mileage	7.00	315.00
1.00	EQP	8.5/8 Wooden Plug	66.00	66.00

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 11 2010
CONSERVATION DIVISION
WICHITA, KS

Account	03600	008-1536444921.49	Description	Current S. Co.
		(1673.61)		(OKAD)

Subtotal	4,781.75
Sales Tax	139.74
Total Invoice Amount	4,921.49
Payment/Credit Applied	
TOTAL	4,921.49

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

\$ 1673.61

ONLY IF PAID ON OR BEFORE
 May 8, 2010

3247.88

1673.61
3247.88

ALLIED CEMENTING CO., LLC. 039169

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

SERVICE POINT:
Oakley, KS

DATE <u>4/13/10</u>	SEC <u>4</u>	TWP. <u>12</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION <u>5:30 p.m.</u>	JOB START <u>9:00 p.m.</u>	JOB FINISH <u>9:30 p.m.</u>
LEASE <u>SHU</u>	WELL # <u>1-4</u>	LOCATION <u>1/2 mi Rd N to 40 Hwy E to 190</u>			COUNTY <u>Attergo</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)		<u>1/2 mi E into</u>					

CONTRACTOR Mur Fin 20 OWNER Sam

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 225' CEMENT AMOUNT ORDERED 150 SKs Cem

CASING SIZE 8 5/8 DEPTH 225' 3070 CC 299 gal

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM COMMON 150 @ 13.50 2025.00

MEAS. LINE SHOE JOINT POZMIX @

CEMENT LEFT IN CSG. 15' GEL @ 20.25 60.75

PERFS. CHLORIDE 5 @ 57.20 286.00

DISPLACEMENT 13.377 @ 6 1/2 H₂O ASC @

EQUIPMENT @

PUMP TRUCK CEMENTER Alan @

422 HELPER Wayne @

BULK TRUCK @

347 DRIVER Darren @

BULK TRUCK @

DRIVER @

HANDLING 158 @ 2.25 353.00

MILEAGE 124.514 mile @ 2.10 261.48

TOTAL 3409.25

REMARKS: Cement bid circulate

CHARGE TO: Mur Fin Drilling

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 99.00

EXTRA FOOTAGE @

MILEAGE 45 miles @ 7.00 315.00

MANIFOLD @

TOTAL 1306.00

PLUG & FLOAT EQUIPMENT

8" x 18" wooden Plug @ 66.00

TOTAL 66.00

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME Greg Cochran

SIGNATURE Greg Cochran

KCC
AUG 11 2010
CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 11 2010
CONSERVATION DIVISION
WICHITA, KS



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



cc: WIF
cc: Leong Invoice

DATE	INVOICE #
4/19/2010	17460

RECEIVED
KANSAS CORPORATION COMMISSION

- Acidizing AUG 11 2010
- Cement CONSERVATION DIVISION WICHITA, KS

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

USED FOR
APPROVED

H. New well
[Signature]

Tool Rental KCC

AUG 11 2010

CONFIDENTIAL

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-4	Shu	Trego	Murfin Drilling #20	Oil	Development	LongString	Nick
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				45	Miles	5.00	225.00
578D-L	Pump Charge - Long String - 4250 Feet				1	Job	1,400.00	1,400.00
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
280	Flocheck 21				500	Gallon(s)	2.50	1,250.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
402-5	5 1/2" Centralizer				10	Each	55.00	550.00T
403-5	5 1/2" Cement Basket				1	Each	200.00	200.00T
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				15	Each	40.00	600.00T
419-5	5 1/2" Rotating Head Rental				1	Each	150.00	150.00T
325	Standard Cement				150	Sacks	12.00	1,800.00T
328-4	60/40 Pozmix (4% Gel)				40		9.75	390.00T
276	Flocele				50	Lb(s)	1.50	75.00T
283	Salt				750	Lb(s)	0.15	112.50T
284	Calseal				7	Sack(s)	30.00	210.00T
285	CFR-1				100	Lb(s)	4.00	400.00T
581D	Service Charge Cement				190	Sacks	1.50	285.00
583D	Drayage				428.5	Ton Miles	1.00	428.50
	Subtotal							10,646.00
	Sales Tax Trego County						5.80%	481.84
We Appreciate Your Business!							Total	\$11,127.84



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

TICKET
 17460
 PAGE 1 OF 2

KCC
 AUG 11 2010
 CONFIDENTIAL

SERVICE LOCATION #1: <u>Hays, Ks.</u>	WELL/PROJECT NO.: <u>#1-4</u>	LEASE: <u>Sh4</u>	COUNTY/PARISH: <u>Trego</u>	STATE: <u>Ks</u>	CITY: _____	DATE: <u>4-19-10</u>	OWNER: <u>Same</u>
SERVICE LOCATION #2: <u>Ness City, Ks.</u>	TICKET TYPE: <input checked="" type="checkbox"/> SERVICE	CONTRACTOR: <u>Murphy Drilling #20</u>	RIG NAME/NO.: _____	SHIPPED VIA: <u>CT</u>	DELIVERED TO: <u>Location</u>	ORDER NO.: _____	
	WELL TYPE: <u>oil</u>	WELL CATEGORY: <u>Development</u>	JOB PURPOSE: <u>Longstring</u>	WELL PERMIT NO.: _____	WELL LOCATION: _____		
REFERRAL LOCATION: _____	INVOICE INSTRUCTIONS: _____						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
575		1			MILEAGE #111	45	mi	5	00	225 00
578		1			Pump Charge (Longstring)	1	ea	1400	00	1400 00
221		1			KCL	4	gal	25	00	100 00
280		7			Flocheck-21	500	gal	2	50	1250 00
290		1			D-Air	2	gal	35	00	70 00
402		7			Centralizers	10	ea	55	00	550 00
403		1			Basket	1	ea	200	00	200 00
404		1			Port Collar	1	ea	1900	00	1900 00
406		1			LD Plug + Baffle	1	ea	225	00	225 00
407		1			Insert Float Shoe w/ Fill	1	ea	275	00	275 00
413		1			Rotawall Scratchers	15	ea	40	00	600 00
414		1			Rotating Head	1	ea	150	00	150 00

RECEIVED
 KANSAS CORPORATION COMMISSION
 AUG 11 2010
 CONSERVATION DIVISION
 WICHITA, KS

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 Wade King
 DATE SIGNED: 4-20-10 TIME SIGNED: 0500 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
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?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL 1	6985 00
PAGE 2	3701 00
subtotal	10646 00
TAX 5.8%	481 84
TOTAL	11,127 84

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

SWIFT OPERATOR: Nick Forbe APPROVAL: _____

Thank You!



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

TICKET CONTINUATION

TICKET No. 17460

CUSTOMER *Mari-Pin Drly Co Inc* WELL # *1-4 Sha* DATE *4-19-10* PAGE *2* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		UNIT PRICE		AMOUNT	
		LOC	ACCT	DF			QTY.	L/M	QTY.	L/M	QTY.	L/M
325		2				Standard Cement	150	shs	12	00	1800	00
328-4		2				6% Parmix 4% gel	40	shs	9	75	390	00
276		2				Flocele	50	#	1	50	75	00
283		2				Salt	750	#		05	112	50
284		2				Calseal	7	shs	30	00	210	00
285		2				CFR-1	100	#	4	00	400	00
581		2				SERVICE CHARGE					285	00
583		2				MILEAGE CHARGE					428	50

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 11 2010
CONSERVATION DIVISION
WICHITA, KS

KCC
AUG 11 2010
CONFIDENTIAL

CONTINUATION TOTAL 3700

JOB LOG

SWIFT Services, Inc.

DATE 4-19-10 PAGE NO. 1

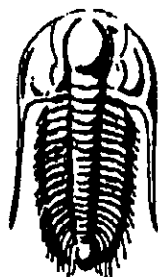
CUSTOMER: *Martin Drilling Inc* WELL NO: *#1-4* LEASE: *Sh4* JOB TYPE: *Longstring* TICKET NO: *17460*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2100							on loc w/F.E.
								RTD 4250'
								5 1/2" x 15.5" x 4248' x 18'
								Cent. 1-5, 7, 9, 11, 13, 15
								Bank 49
								P.G. 50 @ 2138'
	0015							Start F.E.
	0130							54 59 Cine
	0230							Bottom Cine
	0358	4.5	0					200 Start KCl flush
		4.5	15/0					300 start Flocheck
		4.5	12/0					300 start KCl flush
	0405	5.5	5/0					350 Start Cement 150 sks EA-2
	0411		36					End Cement
								Wash Pump & line
								Drop L.D. Plug
	0415	6.5	0					300 Start Displacement
	0427	5	73					400 Catch Cement
	0432		100.5					800 / 1500 Land Plug
								Release Pressure
								Float Held
	0440	2.5	7/5					Plug RH & MH

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 11 2010
CONSERVATION DIVISION
WICHITA, KS

KCC
AUG 11 2010
CONFIDENTIAL

Thank you
Nick, Josh K + Lane



**TRILOBITE
TESTING, INC.**

**KCC
AUG 11 2010
CONFIDENTIAL**

DRILL STEM TEST REPORT

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

250 N. Water Ste. 300
Wichita, KS 67202

ATTN: Bob Stolze

4-12s-24w Trego KS

SHU #1-4

Start Date: 2010.04.18 @ 08:31:00

End Date: 2010.04.18 @ 17:32:55

Job Ticket #: 38165 DST #: 1

**RECEIVED
KANSAS CORPORATION COMMISSION
AUG 11 2010
CONSERVATION DIVISION
WICHITA, KS**

**KCC
AUG 11 2010
CONFIDENTIAL**

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

Murfin Drilling Co., Inc.

SHU #1-4

4-12s-24w Trego KS

DST # 1

LKC "r"

2010.04.18



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.

250 N. Water Ste. 300
Wichita, KS 67202

ATTN: Bob Stolze

SHU #1-4

4-12s-24w Trego KS

Job Ticket: 38165

DST#: 1

Test Start: 2010.04.18 @ 08:31:00

GENERAL INFORMATION:

Formation: LKC "I"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:17:55

Time Test Ended: 17:32:55

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: 4062.00 ft (KB) To 4090.00 ft (KB) (TVD)

Total Depth: 4090.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2541.00 ft (KB)

2530.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8647

Inside

Press@RunDepth: 77.53 psig @ 4067.00 ft (KB)

Start Date: 2010.04.18

End Date:

2010.04.18

Start Time: 08:31:00

End Time:

17:32:55

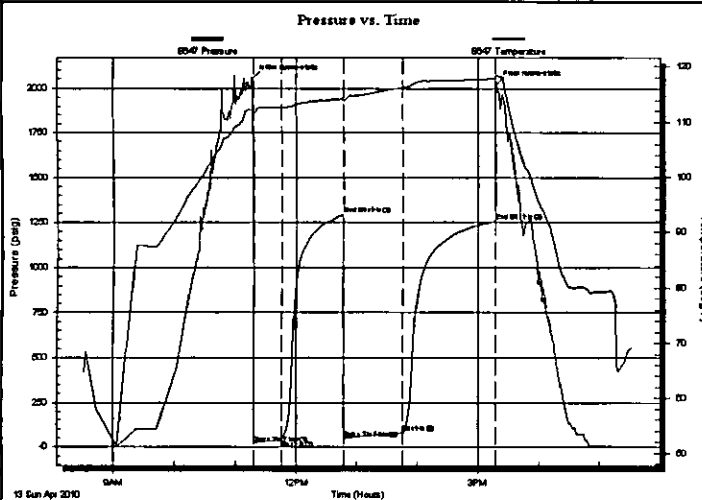
Capacity: 8000.00 psig

Last Calib.: 2010.04.18

Time On Btm: 2010.04.18 @ 11:16:55

Time Off Btm: 2010.04.18 @ 15:18:24

TEST COMMENT: IFP - weak to strong blow sur - 9"
ISI - 1" blow back - died 27 min.
FFP - BOB 23 min.
FSI - 1 1/4" blow back - died 31 min.



PRESSURE SUMMARY

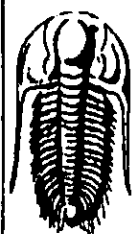
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2048.65	112.31	Initial Hydro-static
1	18.29	111.84	Open To Flow (1)
30	40.35	112.72	Shut-In(1)
90	1292.96	114.25	End Shut-In(1)
91	45.80	113.87	Open To Flow (2)
149	77.53	116.28	Shut-In(2)
240	1256.74	117.75	End Shut-In(2)
242	2020.17	118.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
145.00	FREE OIL 95%O, 5%M	0.71
30.00	OCM 20%O, 80%M	0.15
0.00	345' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co., Inc.

SHU #1-4

250 N. Water Ste. 300
Wichita, KS 67202

4-12s-24w Trego KS

Job Ticket: 38165

DST#: 1

ATTN: Bob Stozle

Test Start: 2010.04.18 @ 08:31:00

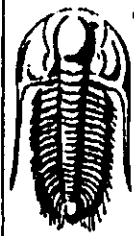
Tool Information

Drill Pipe:	Length: 3856.00 ft	Diameter: 3.80 inches	Volume: 54.09 bbl	Tool Weight: 2500.00 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: 213.00 ft	Diameter: 2.25 inches	Volume: 1.05 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 55.14 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4062.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	48.00 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			4047.00	
Hydraulic tool	5.00			4052.00	
Packer	5.00			4057.00	20.00 Bottom Of Top Packer
Packer	5.00			4062.00	
Stubb	1.00			4063.00	
Perforations	4.00			4067.00	
Recorder	0.00	8647	Inside	4067.00	
Recorder	0.00	8371	Outside	4067.00	
Perforations	20.00			4087.00	
Bullnose	3.00			4090.00	28.00 Bottom Packers & Anchor
Total Tool Length:	48.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co., Inc.

SHU #1-4

250 N. Water Ste. 300
Wichita, KS 67202

4-12s-24w Trego KS

Job Ticket: 38165

DST#: 1

ATTN: Bob Stolze

Test Start: 2010.04.18 @ 08:31:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	31 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.40 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4200.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
145.00	FREE OIL 95%O, 5%M	0.713
30.00	OCM 20%O, 80%M	0.148
0.00	345' GIP	0.000

Total Length: 175.00 ft Total Volume: 0.861 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

