



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1200533  
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: \_\_\_\_\_

1200533

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# Robert D. Hendrix

## Petroleum Geologist

### GEOLOGIST'S REPORT

#### DRILLING TIME AND SAMPLE LOG

COMPANY Murfin Drilling Company Inc. ELEVATIONS KB 3213'

LEASE Burk Trust D #1-23 FIELD East Fork DF \_\_\_\_\_

LOCATION 1980Tsl & 660Tfw1 SEC 23 TWP 1S RGE 36W COUNTY Rawlins STATE Kansas MEASUREMENTS ARE ALL FROM Kelly Bushing

CONTRACTOR Murfin Drilling Co. Inc. Rig #2 SPUD 12/26/2013 COMP 12/29/2013 RTD 4:50:37 LTD 4:50:57 CASING CONDUCTOR 3412' TYPE MUD Chemical SURFACE 8-5/8" at 296' MUD UP \_\_\_\_\_ PRODUCTION 5.112' @ 4500'

SAMPLES SAVED FROM 3500' TO TD

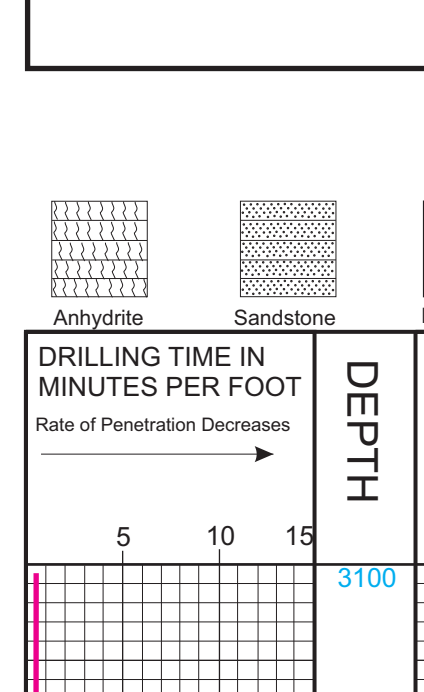
DRILLING TIME KEPT FROM 3500' TO TD

SAMPLES EXAMINED FROM 3500' TO TD

GEOLOGICAL SUPERVISION FROM 3106'

GEOLOGIST ON WELL Robert D. Hendrix Petroleum Geologist, M.S., S.M.E. Powder Eaters, Services

FORMATION TOPS	ELECTRIC LOG	SAMPLE
Anhydrite	3116 (+97)	3114 (+99)
Neva	3604 (-391)	
Foraker	3712 (-499)	3700 (-487)
Topoka	3929 (-716)	
Oread	4041 (-828)	4027 (-814)
Lansing	4154 (-932)	4134 (-921)
Stark Shale	4365 (-1152)	4354 (-1141)
BKC	4412 (-1199)	



REMARKS:

DEPTH	LITHOLOGY	SAMPLE DESCRIPTION	REMARKS
3100			<b>Anhydrite 3114 (+99)</b>
3150			<b>Base Anhydrite 3148 (+65)</b>
3200			
3300			
3400			
3500		Shale: red, silty	Geologist on location 3106' at 2:40 pm 12/28/2013
3550		Shale: red, silty, v-sandy Trace amt LS: white, fxdn, sandy, sl fossiliferous, no vis por	wt 8.6, vis. 80, lcm 8# Morgan Mud, Dave Lines 8:00am, 12/28/2013
3600		Shale: red, brown, some gray, silty, sl sandy	
3604		Limestone: white to tan, f-mxln, v-chalky, sl oolitic, fossiliferous, no vis por, ns	<b>Neva 3604 (-391)</b>
3650		Shale: red, brown, silty	
3700		Sandstone: red to sl gray, vf gr, md, well srted, calcareous cmnt, friable, no vis por, ns Shale: red, brown, gray, silty	<b>Red Eagle 3664 (-451)</b>
3712		Limestone: white to tan, f-mxln, chalky, sl cherty (orange/red), fossiliferous, no vis por	
3712		Limestone: lt gray, fxdn, fossiliferous, no vis por	
3750		Shale: red, brown, gray, silty	<b>Foraker 3712 (-499)</b>
3800		Limestone: gray to brown, fxdn, chalky, fossiliferous, no vis por	
3800		Limestone: gray, f-mxln, chalky, silty, sl fossiliferous, no vis por	
3850		Shale: gray, brown, silty	
3900		Dolomite: tan to gray, fxdn, sl chalky, granular, no vis por	
3900		Shale: red, gray, silty, sandy	
3950		Limestone: tan to white, fxdn, sl chalky, cherty, fossiliferous, no vis por	
3950		Shale: gray, brown, red, silty, blocky in part	
4000		Limestone: white to tan, f-mxln, sl chalky, cherty, no vis por, ns	
4000		Shale: gray, silty	
4050		Limestone: tan to white to gray, f-mxln, sl chalky, no vis por	
4050		Shale: red, gray, green, silty	
4100		Limestone: gray to white, fxdn, sl chalky, argillaceous, sl fossiliferous, no vis por, ns	
4100		Shale: red, gray, silty	
4150		Limestone: tan to white, f-mxln, chalky, v-fossiliferous, no vis por	
4150		Shale: gray, red	
4200		Limestone: white, f-mxln, v-chalky, fossiliferous, no vis por, ns	
4200		Shale: red, gray, silty	
4250		Limestone: tan to white, f-mxln, sl chalky, granular, fossiliferous, no vis por	
4250		Limestone: white, f-mxln, sl chalky, fossiliferous, no vis por, ns	
4300		Shale: gray, black, brown, red	
4300		Shale: gray, red, silty	
4350		Limestone: white to tan, f-mxln, chalky, sl fossiliferous, no vis por, ns	
4350		Shale: red, gray, purple, brown, silty	
4400		Limestone: white to lt gray, f-mxln, sl oolitic, fossiliferous, no vis por, 4 pieces spotty black stain, slsfo on break, no odor	
4400		Limestone: white to gray, fxdn, sl chalky, fossiliferous, no vis por	
4400		Limestone: lt gray, fxdn, dense, silty in part, no vis por	
4400		Siltstone: lt gray, hard, blocky, silty	
4400		Shale: gray, blocky	
4450		Limestone: gray to white, fxdn, silty, chalky, no vis por	5:25pm, Wiper Trip to clean hole
4450		Shale: gray, blocky	
4500		Shale: red, gray to dark gray, green, silty, waxy in part	
4500		Limestone: tan to white, fxdn, chalky, mostly dense, fossiliferous, no vis por, ns	
4500		Limestone: white to tan, fxdn, chalky, sl fossiliferous, no vis por	
4500		Shale: gray, red, silty	
4500		Sandstone: gray, red, silty Sandstone: gray, v-ft gr, md, well srted, poorly cemented calcareous, argillaceous, no vis por, dark spotty stain, info, no odor	
4500		Shale: red, gray, muddy, silty	
4500		Shale: red, brown, gray, silty, sandy	
4550		Limestone: tan to white, f-mxln, sl chalky, spotty, pr interxn por, 2% sample dark spotty stain, slsfo on break, faint odor	
4550		Limestone: white, fxdn, chalky, sl fossiliferous, no vis por	
4550		Shale: red, gray, silty, sl sandy	
4550		Limestone: tan to white, fxdn, sl chalky, pr vug por, 1% sample dark sat stain, prsfo, fair odor	
4550		Shale: gray, dark gray, red	
4600		Limestone: white to tan, fxdn, sl chalky, sl fossiliferous, pr vug por, 3% sample lt to dark sat stain, slsfo, no odor	
4600		Shale: gray, red, green, silty	
4600		Limestone: tan to white, fxdn, sl chalky, sl fossiliferous, pr vug por, 5% sample dark spotty stain, slsfo, faint odor	
4600		Shale: gray, red, pyritic	
4650		Limestone: tan to gray, fxdn, sl chalky, sl fossiliferous, sl interxn por, ns	
4650		Shale: gray, green, red	
4700		Limestone: white to tan, fxdn, fossiliferous, no vis por, ns	
4700		Shale: red, gray, silty	
4750		Limestone: white to lt gray, fxdn, sl cherty, sl pyritic, fossiliferous, no vis por	
4750		Shale: dark gray, gray, red	
4800		Limestone: white to tan, fxdn, fossiliferous, no vis por	
4800		Limestone: tan to gray, fxdn, fossiliferous, no vis por	
4800		Shale: red, gray, green, silty	
4850		Limestone: white, f-mxln, sl chalky, fossiliferous, pr interxn por, ns	
4850		Shale: gray, red silty, sandy	
4900		Limestone: tan to lt gray, fxdn, chalky, sl fossiliferous, soft, no vis por, ns	
4900		Sandstone: red to gray, fn-md gm, sub md, mod sorted, mostly soft, argillaceous, no vis por, ns	8:00am, 12/29/2013
4900		Shale: gray, red silty	
4950		Shale: gray, red brown, yellow, sandy, silty	
4950		Limestone: tan to gray, fxdn, v-chalky, fossiliferous, dense, no vis por, ns	
4950		Shale: red, gray, silty, sandy	
4950			<b>RTD 4560 (-1292)</b>

Murfin Drilling Co Inc  
Burk Trust D #1-23  
1980Tsl & 660Tfw1  
23-1-36W, Rawlins County, Kansas  
KB-3213; GL-3202  
API: 15-153-20973

Geologist off location at 7:30pm, 12/29/2013

#### LEGEND





*acct.*  
*Prod-LH*

# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 140558  
Invoice Date: Dec 26, 2013  
Page: 1

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

<b>Bill To:</b>
Murfin Drlg. Co., Inc. 250 N. Water STE #300 Wichita, KS 67202

Customer ID	Field Ticket #	Payment Terms	
Murfin	62120	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Dec 26, 2013	1/25/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Burk Trust D #1-23		
245.00	CEMENT MATERIALS	Class A Common	17.90	4,385.50
9.00	CEMENT MATERIALS	Chloride	64.00	576.00
257.25	CEMENT SERVICE	Cubic Feet Charge	2.48	637.98
948.80	CEMENT SERVICE	Ton Mileage Charge	2.60	2,466.88
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
80.00	CEMENT SERVICE	Pump Truck Mileage	7.70	616.00
1.00	CEMENT SERVICE	Manifold Head Rental	275.00	275.00
80.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	352.00
1.00	EQUIPMENT SALES	Wooden Plug	107.64	107.64
1.00	CEMENT SUPERVISOR	LaRene Wentz		
1.00	CEMENT SUPERVISOR	Kelly Gabel		

01500

Subtotal	10,929.25
Sales Tax	400.46
Total Invoice Amount	11,329.71
Payment/Credit Applied	
<b>TOTAL</b>	<b>11,329.71</b>

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

\$ 3,825.23 *15/10*

ONLY IF PAID ON OR BEFORE  
**Jan 20, 2014**

- 3825.23  

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7,504.48

# ALLIED OIL & GAS SERVICES, LLC 062120

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Oakley, KS

DATE <u>12-26-13</u>	SEC. <u>23</u>	TWP. <u>1</u>	RANGE <u>36</u>	CALLED OUT	ON LOCATION <u>1:50 pm</u>	JOB START <u>2:30 pm</u>	JOB FINISH <u>2:50 pm</u>
LEASE <u>Buck Trust</u>		WELL# <u>1-23</u>		LOCATION <u>Beardsley, N to A.A. W</u>		COUNTY <u>Rawlins</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>			to <u>S.S. 12N, W. 4E</u>				

CONTRACTOR <u>Marfan 2</u>		OWNER <u>same</u>
TYPE OF JOB <u>Surface</u>		
HOLE SIZE <u>12 1/8</u>	T.D. <u>225'</u>	
CASING SIZE <u>8 1/8</u>	DEPTH <u>222.32</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>13.27 bbl</u>		

CEMENT		
AMOUNT ORDERED <u>245 sfs com 3% CC</u>		
COMMON <u>245 sfs</u>	@ <u>19.70</u>	<u>4835.50</u>
POZMIX	@	
GEL	@	
CHLORIDE <u>95 lbs</u>	@ <u>29.00</u>	<u>2760.00</u>
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	

EQUIPMENT		
PUMP TRUCK	CEMENTER <u>Katene &amp; Dants</u>	
# <u>431</u>	HELPER <u>Kelly Gabel</u>	
BULK TRUCK		
# <u>396/306</u>	DRIVER <u>Thomas Torres (782)</u>	
BULK TRUCK		
#	DRIVER	

HANDLING 252.25 sfs @ 2.78 637.98  
MILEAGE 16.86 mi x 80x 2.60 2966.88  
TOTAL 3605.36

REMARKS:  
Mix 245 sfs cement  
Displace with water  
Cement did circulate  
  
Thank you

SERVICE		
DEPTH OF JOB <u>222.32'</u>		
PUMP TRUCK CHARGE	<u>1512.25</u>	
EXTRA FOOTAGE	@	
MILEAGE <u>N.F.W 80</u>	@ <u>7.70</u>	<u>616.00</u>
MANIFOLD <u>Head</u>	@	<u>275.00</u>
<u>M.P.U 80</u>	@ <u>4.40</u>	<u>352.00</u>
	@	
TOTAL <u>2755.25</u>		

CHARGE TO: Marfan Drilling  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT		
<u>Wooden Plug</u>	@	<u>107.64</u>
	@	
	@	
	@	
	@	
TOTAL <u>107.64</u>		

To: Allied Oil & Gas Services, 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 10,927.25  
DISCOUNT 3,825.33 IF PAID IN 30 DAYS  
7,104.01 Net

PRINTED NAME Armando Cabera  
SIGNATURE Armando Cabera

Accty -

cc: WPF  
cc: Lin  
cc: L-1



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



# Invoice

DATE	INVOICE #
12/30/2013	25357

BILL TO
Murfin Drilling Co Inc PO Box 661 Colby, KS 67701-0661
USED FOR <u>IC 103</u>
APPROVED <u>JFA</u> <u>FH</u>

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-23	Burk Trust D	Rawlins	Company Tools	Oil	Development	Cement Top To ...	Don
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				150	Miles	6.00	900.00
579D	Pump Charge - Top To Bottom LongString - 4500 Feet				1	Job	2,000.00	2,000.00
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
403-5	5 1/2" Cement Basket				3	Each	300.00	900.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	275.00	275.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	375.00	375.00T
409-5	5 1/2" Turbolizer				15	Each	90.00	1,350.00T
413-5	5 1/2" Roto Wall Scratcher				14	Each	40.00	560.00T
419-5	5 1/2" Rotating Head Rental				1	Each	200.00	200.00T
290	D-Air				5	Gallon(s)	42.00	210.00T
325	Standard Cement				200	Sacks	14.50	2,900.00T
276	Flocele				50	Lb(s)	2.50	125.00T
283	Salt				1,000	Lb(s)	0.20	200.00T
284	Calseal				10	Sack(s)	35.00	350.00T
285	CFR-1				141	Lb(s)	4.50	634.50T
330	Swift Multi-Density Standard (MIDCON II)				300	Sacks	18.50	5,550.00T
276	Flocele				75	Lb(s)	2.50	187.50T
581D	Service Charge Cement				500	Sacks	2.00	1,000.00
583D	Drayage				3,808.8	Ton Miles	1.00	3,808.80
	Subtotal							22,250.80
	Sales Tax Rawlins County						7.90%	1,148.82

**Thank You For Your Business In 2013!**  
**We Look Forward To Serving You In 2014!**

**Total**

\$23,399.62



Services, Inc.

TICKET 25357

CHARGE TO: Murkin Dry. Co.  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

1. SERVICE LOCATIONS: 1. Hays, KS WELL PROJECT NO. \_\_\_\_\_ LEASE Burt Trust D' COUNTY/PARISH Rawlins STATE KS DATE 12-30-13 OWNER \_\_\_\_\_  
 2. Ness City, KS TICKET TYPE BASE SERVICE CONTRACTOR \_\_\_\_\_ RIG NAME/NO. \_\_\_\_\_ ORDER NO. \_\_\_\_\_  
 3. \_\_\_\_\_ WELL TYPE Oil WELL CATEGORY Oil Well JOB PURPOSE Revent Longstrag WELL PERMIT NO. \_\_\_\_\_  
 4. REFERRAL LOCATION \_\_\_\_\_ INVOICE INSTRUCTIONS TOP TO BOTTOM

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #113	157	mi			900	141,755.00
579					Buy Charge - cut top to 58ft b/w 5	1	ea			300.00	300.00
281					Liquid HLL	4	gal			125.00	500.00
281					Mud Mud	572	gal			1.25	715.00
203					Revent Baskets	3	ea			300.00	900.00
206					Lath Down Plug & Barrels	1	ea			275.00	275.00
407					Insert Head Shoe w/ Aft 511	1	ea			375.00	375.00
409					Toolbars	15	ea			9.00	135.00
413					RH 1/2" sockets	14	ea			40.00	560.00
419					Rotating Head Reel	1	ea			200.00	200.00
290					D-A12	5	gal			40.00	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

DATE SIGNED: 12-30-13 TIME SIGNED: 02:00 P.M.  P.M.

SWIFT OPERATOR: Alan Seaman APPROVAL: \_\_\_\_\_

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

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?  YES  NO

CUSTOMER DID NOT WISH TO RESPOND

TOTAL: 23,399.62

Thank You!





Swifton, Inc.

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

TICKET CONTINUATION

TICKET No. 253357

CUSTOMER  
Mortimer Drfg Co.

WELL  
1-22 Butte Trust D'

DATE  
12-30-13

PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				UNIT PRICE	AMOUNT	
		LOC	AGG	DE			QTY	QUM	QTY	QUM			DATE
285		2				Standard Cement FH-2	200	SKS	1800	115	1450	29000	
276		2				Flocele	50	lbs			200	10000	
283		2				Salt	200	lbs			80	20000	
284		2				Colseal	940	lbs		10	3500	35000	
285		2				CFR-1	141	lbs			450	63450	
330		2				SHD Cement	300	SKS	2970	16	1850	55500	
276		2				Flocele	75	lbs			200	15000	
581		2				Service Charge					500	100000	
583		2				Mileage Total Weight Loaded Miles					100	38088	
							CUBIC FEET				500	SKS	
							TON MILES				3808.8		
							CONTINUATION TOTAL					141755.80	

**JOB LOG**

**SWIFT Services, Inc.**

DATE 12-30-13 PAGE NO. 1

CUSTOMER Martin Day Co.

WELL NO. 1-23

LEASE Buck Trust D1

JOB TYPE Cement Logging

TICKET NO. 25257

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0145							15.5 # 5 1/2 IN location - Flood Equip - Rig LDDP.
	0345							start 5 1/2 15.5 #/ft casing to 4500'
								Insert Flood Stop w/ Auto Fill (106 1/2)
								Label Down Bottle - SS 20 1/2' - 4479.5
								Cent - Tubelizers 1, 2, 3, 5, 7, 8, 9, 10, 12, 13,
								14, 16, 18, 23, 33,
								Cent Rods 15, 24, 34.
								14 Rot Scratchers
	0450							Cir #60 in hole 1/2 HR
	0545							Fin running casing
	0600							Start cir & Rotate casing
								Fin cir
	0700		8 1/5					Plug RH-30 SKS SWD NH-20 SK SWD cut
								Pump 500gal Mead Flush
								Pump 20 BBI KCL Flush
		5 1/2	150				300	Start 250 SKS SWD cut
		4	50				300	Start 200 SKS LEH-2 cut
								300 Fin cut - Wash out pump lines
								Drop L.D. Plug
		9	15				350	Start Displ. - 1st tank KCL wtr.
		9	50				400	Caught 1 1/2 HR press
		8	60				550	Lost circulation
		7 1/2	65				700	Back to last casing
		6 1/2	90				1000	Slow rate - NO Returns
	0830		106 1/2				1200 / 1800	Plug down - Hebl - Release & Hold
								Wash up & Replug
	0900							Job Complete

*[Signature]*  
 Kern, Jon, Craig  
 & Jarrod

Burk Trust 'D' #1-23  
 Daily Drilling Report  
 Page Two

MDCI Burk Trust 'D' #1-23 1980' FSL 660' FWL Sec. 23-T1S-R36W 3213' KB							MDCI Burk Trust 'A' #1-23 2225' FNL 330' FWL Sec. 23-T1S-R36W 3225' KB	
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite				3116	+97	-3	3125	+100
B/Anhydrite				3148	+65	-2	3158	+67
Neva				3604	-391	-9	3607	-382
Red Eagle				3664	-451	-9	3667	-442
Foraker	3700	-487	+4	3712	-499	-8	3716	-491
Topeka				3929	-716	-7	3934	-709
Oread	4027	-814	+3	4041	-828	-11	4042	-817
Lansing	4134	-921	-3	4145	-932	-14	4143	-918
Stark	4454	-1141	-1	4365	-1152	-12	4365	-1140
BKC				4413	-1200	-10	4415	-1190
RTD	4505	-1292					4520	-1295
LTD				4505	-1292		4520	-1295