



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1204142
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: _____

1204142

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 <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 List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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

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: _____ _____
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Form	ACO1 - Well Completion
Operator	Murfin Drilling Co., Inc.
Well Name	Burk Trust 'A' 3-23
Doc ID	1204142

All Electric Logs Run

Dual Induction
Dual Compensated
Microresistivity
Borehole Compensated

Form	ACO1 - Well Completion
Operator	Murfin Drilling Co., Inc.
Well Name	Burk Trust 'A' 3-23
Doc ID	1204142

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	4072-4074 Oread	300 gal 15%	
4	4232-4234 LKC D	1000 gal 15%	
4	4237-4243 LKC D	1000 gal 15%	
4	4292-4296 LKC G	500 gal 15%	
4	4317-4320 LKC G	500 gal 15%	
4	4380-4389 LKC J	1000 gal 15%	



WESLEY D. HANSEN Consulting Petroleum Geologist

212 N. Market, Suite 257, Wichita, KS 67202
Office: 316-267-7313 Cellular ; 316-772-6188

**KGS
AAPG
Kansas License #418**



**Scale 1:240 (5"=100') Imperial
Measured Depth Log**

Well Name: Murfin Drilling Co., Inc. #3-23 Burk Trust "A"
Location: 1650' FNL, 330' FWL of Section 23-1S-36W
License Number: API: 15-153-20978 **Region:** Rawlins County, KS
Spud Date: 1-18-2014 **Drilling Completed:** 1-22-2014
Surface Coordinates: 1650' FNL, 330' FWL of Section 23-1S-36W
NW SW NW
Bottom Hole Vertical hole
Coordinates:
Ground Elevation (ft): 3243' **K.B. Elevation (ft):** 3254'
Logged Interval (ft): 3536' **To:** RTD **Total Depth (ft):** 4550'
Formation: Marmaton at RTD
Type of Drilling Fluid: Chemical - Displaced at 3411'

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Murfin Drilling Co., Inc.
Address: 250 N. Water
Suite 300
Wichita, KS 67202

GEOLOGIST

Name: Wesley D. Hansen
Company: Wesley D. Hansen - Consulting Petroleum Geologist
Address: 212 N. Market, Suite 257
Wichita, KS 67202
Office: 316-263-7313 **Cellular:** 316-772-6188

COMMENTS

Contractor: Murfin Drilling Co., Inc. Rig #2
 Pusher: Arturo Cabezas

Surface Casing: 8 5/8" set at 265' w/225 sx
 Production Casing: 5 1/2" set at 4544' w/450 sx

Mud by: Morgan Mud - Dave Lines was the engineer

DST's by: No DST's

Logs by: Pioneer Wireline (DIL, CN-CD, MEL, BHCS)


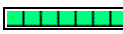


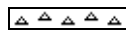
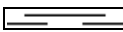



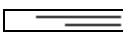



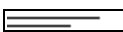
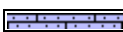





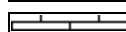





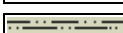
Deviation Surveys: 1/4 deg. @ 265'; 3/4 deg. @ 4550'

Bit #	Size	MFG	Type	Depth Out	Footage Cut	Hours on bit
1	12 1/4"	HTC	FDS	265'	265'	2 1/4
2	7 7/8"	HTC	Q506	4550'	4285'	37 1/4

FORMATION TOPS AND STRUCTURAL COMPARISON

FORMATION	SAMPLE TOPS		LOG TOPS		COMPARISON WELL MDC #1-23 Burk Trust "A" 2225' FNL, 330' FWL Section 23-1S-36W 3225' KB
	Depth	Datum	Depth	Datum	
Anhydrite	3157'	+97	3156'	+98	-2
B/Anhydrite	3190'	+64	3188'	+66	-1
Neva			3638'	-384	-2
Red Eagle			3700'	-446	-4
Foraker			3748'	-494	-3
Topeka			3962'	-708	+1
Oread			4072'	-818	+1
Lansing			4174'	-920	-2
Stark Shale			4394'	-1140	flat
BKC			4444'	-1190	flat
RTD	4550'	-1296			
LTD			4552'	-1298	

ROCK TYPES

 Anhy	 Salt	 Dol	 Shlyls
 Cht	 Shale	 Dtd	 Sltsh
 Coal	 Shcol	 Gry sh	 Sdy dolo
 Congl	 Shgy	 Sandylms	 Silty dolo
 Gyp	 Sltst	 redshale	 Shy dolo
 Ls colorless	 Ss	 Shale	 Shaly ls
 Lmst	 Carb sh	 Sltstn	

ACCESSORIES

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite

- Plant
- Strom
- Fuss
- Oomold

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Breclrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr

- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Chlorite
- Dol
- Sand
- Sltly

STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbstn
- Clystn
- Dol
- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Sltstn

OTHER SYMBOLS

INTERVALS

- Core
- Dst
- Dst

EVENTS

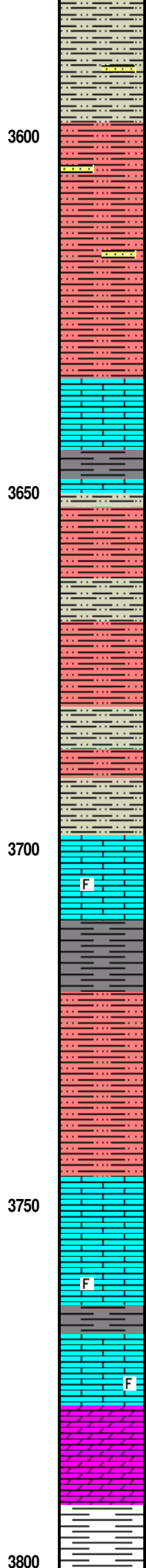
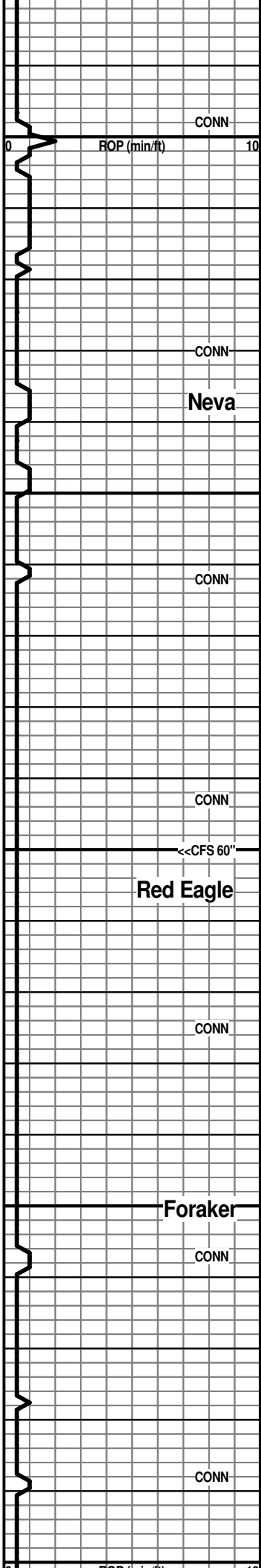
- Rft
- Dst top/base

OIL SHOWS

- Even
- Spotted
- Quest.

- Trace
- Dead
- Gas show

Curve Track 1 ROP (min/ft)	Depth	Lithology	Geological Descriptions	Remarks
0	10			
3500				<p>Report Depth & Activity</p> <p>1-18-2014 MIRT, Spud at 4:15 PM 1-19 Drlg. @ 362' 1-20 Drlg. @ 3411' 1-21 CFS @ 4300' 1-22 RTD 4550', logs complete, circulating to run pipe</p>
CONN		Oil Shows		
3550			<p>Siltst: red, vf sandy IP; lesser ofwhite, lt gray siltst; some offwhite, lt gray vfg Sst, N.S.</p>	<p>Lithology and tops correlated to E Log because of PDC bit's rapid penetration.</p> <p>Sample quality poor to fair throughout</p> <p>Lithology correlated as 2' high to E-logs</p>
CONN				



3600 mix lt to med red Siltst and med to dark red shale, silty IP; scatt. to trace offwhite vf-fg Sst

CONN
Neva Ls: scatt. offwhite mic-vfxln dense and lt brn cryptoxln

3650 predom. red siltst and red silty shale with sl influx med to dark gray shale

CONN
Siltst: good influx offwhite, lt gray

3700 <<CFS 60" Red Eagle Ls: offwhite, lt gray mic-vfxln, dense, some pp por.; lt gray, tan vf-cryptoxln, occ foss., N.S.

Sh: lt to med gray, some dark red

CONN
Sh: flood med red silty

3750 Foraker Ls: offwhite micxln with spotty pp dead stain, nfo, no odor

CONN
Ls: lt to med gray, lt brn vf-cryptoxln; gray fn gran. and foss., N.S.; Sh: lt to med gray

CONN
Ls: various gray, brn dense AA; some gray dense, shaly and foss.

CONN
Dolo: tan, lt brn vfxln with interxln and some vug. por., N.S.

3800 Sh: red-brn, gray, some black

sample quality poor to fair

ROP (min/ft)

CONN

3850

CONN

CONN

3900

CONN

Topeka

CONN

3950

CONN

CONN

4000

ROP (min/ft)

Sh: influx red, brn silty

Ls: offwhite, lt gray, tan mic-vfxln dense

Sh: red, brn silty; some med gray

mix various dense Ls's AA with Sh: med to dark red-brn silty and gray

Sh: predom. various red, brn, gray, some maroon, silty IP

Ls: lt gray granular and lt gray cryptoxln, NVP

Sh: lt to med gray, gray-green

Sh: med to dark gray silty with new soft, gummy red

Ls: mix tan, lt gray granular, lt gray, tan cryptoxln and offwhite mic-vfxln dense, N.S.; trace mottled gray/offwhite chert

Sh: med to dark red, silty IP

Sh: influx soft red

Ls: tan, lt gray, lt brn cryptoxln; offwhite micxln to fn granular

Sh: lt to med red, silty IP

Ls: tan, offwhite granular, foss.; occ offwhite granular to subchalky with dead gilsonite flecks

Ls: mix AA with tan, lt gray cryptoxln

Sh: various red, brn silty IP; some maroon, purple, med to dark gray; occ lt green

Morgan Mud Check at 3815'
3:25 PM on 1-20-2014
wt vis wl pH chl
8.9 53 5.6 12.0 700
PV YP GelS lcm solids
16 18 9/23 6# 4.3%

sample quality poor to fair

Ls: lt gray, offwhite, lt brn cryptoxln and offwhite mic-vfxln dense

CONN

4050

Sh: predom. maroon and red-maroon

<<CFS 60" CONN

Oread

Ls: mix offwhite, tan mic-vfxln with spotty black, dead stain; tan, offwhite med granular with good interxln and vug. por. with sat. stain, exc. sfo, no odor, sucrosic and druzi IP, occ pyritic

P

Sh: med to dark gray, black

4100

Ls: predom. offwhite, lt gray mic-vfxln dense; scatt. chips with shows from above

CONN

60' spl - Ls: mix AA with influx Dolo: tan, lt gray vf-cryptoxln; occ lt brn fnxln with scatt. patchy stain; trace gray med grnd, pyritic Sst with stain, sfo, no odor; spls carry common med to dark gray shale

Ls: various offwhite, tan, lt gray mic-vfxln dense

CONN

Ls: flood lt to med gray very shaly; with calcar. gray shales

4150

Sh: med to dark gray

CONN

Lansing

Ls: offwhite, lt gray mic-vfxln dense; spls very shaly and poor

Sh: vc gray with gray dense shaly Ls

4200

CONN ROP (min/ft) <<CFS 60" 10

Sh: influx red, red-brn, soft red; common grays AA

CONN

"D" Zone

Ls: tan, offwhite foss. IP with spotty vug. and intra-particle por. with pp to subsat. brn stain, sl sfo, no odor; some offwhite, cream mic-vfxln with black spotty dead stain

F

Wiper trip of 40 stands at 4072' CTCH 30" prior to drilling ahead

with black spotty dead stain

4250

Sh: lt to med gray, red, brn, maroon

Ls: lt gray, lt brn vf-cryptoxln, NVP, N.S.

CONN <<CFS 60"

Sh: vc gray and red

Sh: strong influx in CFS 4300' 30" spl of dark red and red-maroon

Ls: mix tan, lt gray, lt brn vf-cryptoxln, NVP, N.S.; offwhite, tan sl granular with scatt. vug. and inter-particle por. with stain, trace fo; some Dolo: tan med xln with sat. stain, sfo, good interxln por.

CONN "G" Zone

<<CFS 60"

4300

Ls: mix AA with several chips lt to med brn cryptoxln with vug. and edge interxln por. with black stain, shows dark brn oil

7:00 AM at 4300' on 1-21-2014

abund. med to dark gray shales; Ls: chips with shows AA, many chips lt to med brn foss. to granular with vug. and inter-particle por. with sat. stain, sfo, no odor, new??

F

CONN

Sh: lt to med gray with influx dark red-brn

Ls: influx offwhite, lt gray mic-vfxln dense, some pp por., N.S.

4350

CONN

Sh: red-brn, red-maroon

"J" Zone

CONN <<CFS 60"

4400

Ls: tan, lt gray, offwhite granular to cryptoxln with pp and edge porosity with pp to sat. stain, sfo, no odor

Sh: med to dark gray

ROP (min/ft)

CONN

Sh: red-brn, silty, var. gray AA

generally good samples from here to RTD

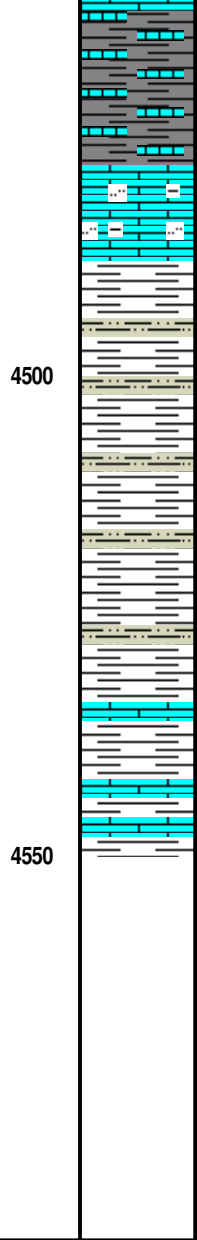
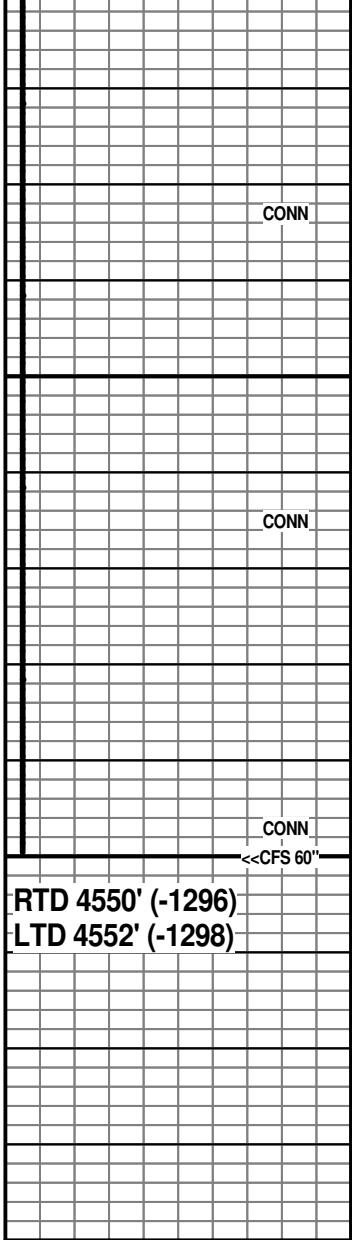
Ls: mix tan, lt gray cryptoxln and offwhite, lt gray mic-vfxln dense, occ subchalky, some pp por., N.S.

Ls: mix AA with some tan, offwhite sl granular with some inter-particle por. and offwhite micxln with some pp por., N.S.; Sh: sl influx red-brn, dark gray

4450

CONN

Sh: med to dark red-brn, dark gray with Ls: offwhite, lt gray mic-vfxln dense; lesser tan, lt gray cryptoxln and some lt brn, lt gray granular, N.S.



flood lt to med gray mic-vfxln shaly Ls and calcar. shale

Ls: lt to med gray, offwhite mic-vfxln dense, silty to shaly; occ lt gray, med brn cryptoxln, N.S.

Sh: med to dark red-brn, med gray, trace maroon; some lt gray siltst

mix various shales AA with some lt gray and offwhite siltst

mix of shales and siltst AA with incr. Ls: tan, lt gray vf-cryptoxln and offwhite, tan mic-vfxln dense

After review of the open hole logs the decision was made to run 5 1/2" casing for production testing.

Respectfully submitted,

Wesley D. Hansen
Petroleum Geologist
Kansas License No. 418

Morgan Mud Check at 4550'
3:00 PM on 1-21-2014
wt vis wl pH chl
9.2 58 5.8 10.5 500
PV YP GelS lcm solids
21 23 14/32 4# 6.3%

RTD reached at 11:30 AM on 1-21-2014
CFS 60" - short trip - CTCH 1 1/2 hours
Drop survey - strap out for loggers - hit bridge at 1300' - TOOH/TIH and condition hole - TOFL - logs went OK

Burk Trust 'A' #3-23

Operator: Murfin Drilling Company, Inc.
Contractor: Murfin Drilling Company, Inc.
Rig #2

Duck Prospect #3556
1650' FNL 330' FWL
Sec. 23-1S-36W
Rawlins County, Kansas

Contact Person: Scott Robinson
Phone number: 316-267-3241
Well site Geologist: Wes Hansen

Call Depth: 3240'
Spud: 1/18/14 @ 4:15PM
Complete: 1/23/14

API # 15-153-20978-00-00
Casing: 8 5/8" @ 265'
5 1/2" @ 4544'

RTD: 4550'

Elevation: 3243' GL
3254' KB

DAILY INFORMATION:

- 1/18/14 MIRT
- 1/19/14 Depth 362'. Cut: 362'. DT: 8hrs WOC. CT: None. Dev.: 1/4° @ 265'. Spud @ 4:15PM 1/18. Ran 6jts=253' of 23# 8 5/8" surf csg, set @ 265'. Allied cmt w/225sxs of Comm, 3%CC. PD @ 10:00PM 1/18. DO @ 6:00AM (30'cmt) 1/19. Circ 6BBLs.
- 1/20/14 Depth 3411'. Cut 3049'. DT: None. CT: None. Dev.: None.
- 1/21/14 Depth 4300'. Cut 889'. DT: None. CT: 8 1/2 hrs. Dev.: None. **Oread:** few chips Ls: tan, offwhite med granular w/ gd to exc. interxln & vug. por w/ sat. stn, gd sfo, no odor, sucrosic to druzey IP, occ pyritic. **LKC A:** scatt. tan, lt gray vf-cryptoxln dolomite w/edge por. w/ patchy stn, sfo, no odor; saw trcs Sst lt gray med grnd w/stn, sfo, no odor. **LKC D:** Ls: tan, offwhite, foss. IP w/sptty vug & intra-particle por. w/pp to subsat brn stn, sl sfo, no odor; also had offwhite, cream mic-vfxln w/ pr vis. por w/ spotty black dead stain
- 1/22/14 RTD: 4550'. Cut 250'. DT: None. CT: 20 1/2 hrs. Dev.: 3/4° @ 4550'. HC @ 11:30AM 1/21. 1st log tagged up @ 1300', TIH & circ & TOOH for log. Pioneer logged 12:15AM to 4:15AM 1/22. LTD: 4552'. Circ to lay down pipe.
- 1/23/14 RTD: 4550'. CT: 13 1/4 hrs. Ran 110jts of 5 1/2" prod csg, set @ 4544'. Swift cmt w/450sxs (200EA-2, 250SMD). PD @ 4:15PM 1/22. 30sxs RH, 20sxs MH.RR @ 8:15PM 1/22. FINAL REPORT.

MDCI Burk Trust 'A' #3-23 1650' FNL 330' FWL Sec. 23-T1S-R36W 3254' 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	3157	+97	-3	3156	+98	-2	3125	+100
B/Anhydrite	3190	+64	-3	3190	+64	-3	3158	+67
Neva				3638	-384	-2	3607	-382
Red Eagle				3700	-446	-4	3667	-442
Foraker				3748	-494	-3	3716	-491
Topeka				3962	-708	+1	3934	-709
Oread				4072	-818	-1	4042	-817
Lansing				4175	-921	-3	4143	-918
Stark				4395	-1141	-1	4365	-1140
BKC				4444	-1190	Flat	4415	-1190
RTD	4550	-1296					4520	-1295
LTD				4552	-1298		4520	-1295



PO Box 93999
Southlake, TX 76092

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

INVOICE

acct. Prod-LH

Invoice Number: 140903
Invoice Date: Jan 18, 2014
Page: 1

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

Customer ID	Field Ticket #	Payment Terms	
Murfin	62140	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jan 18, 2014	2/17/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Burke Trust A #3-23		
225.00	CEMENT MATERIALS	Class A Common	17.90	4,027.50
8.00	CEMENT MATERIALS	Chloride	64.00	512.00
236.25	CEMENT SERVICE	Cubic Feet Charge	2.48	585.90
871.43	CEMENT SERVICE	Ton Mileage Charge	2.60	2,265.72
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 Rental	275.00	275.00
80.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	352.00
1.00	CEMENT SUPERVISOR	Alan Ryan		
1.00	OPERATOR ASSISTANT	Kevin Ryan		

2150

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

\$ 3,551.24 *35%*

ONLY IF PAID ON OR BEFORE *OK*
Feb 12, 2014

Subtotal	10,146.37
Sales Tax	358.62
Total Invoice Amount	10,504.99
Payment/Credit Applied	
TOTAL	10,504.99

- 3551.24
6953.75



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

Invoice

DATE	INVOICE #
1/22/2014	25278

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#3-23	Burk Trust A	Rawlins		Oil	Development	5-1/2" Top To B...	Josh

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	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
290	D-Air	5	Gallon(s)	42.00	210.00T
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	10	Each	40.00	400.00T
419-5	5 1/2" Rotating Head Rental	1	Each	200.00	200.00T
325	Standard Cement	200	Sacks	14.50	2,900.00T
330	Swift Multi-Density Standard (MIDCON II)	300	Sacks	18.50	5,550.00T
276	Flocele	125	Lb(s)	2.50	312.50T
283	Salt	1,000	Lb(s)	0.20	200.00T
284	Calseal	9	Sack(s)	35.00	315.00T
285	CFR-1	150	Lb(s)	4.50	675.00T
581D	Service Charge Cement	500	Sacks	2.00	1,000.00
583D	Drayage	3,814.5	Ton Miles	1.00	3,814.50
	Subtotal				22,102.00
	Sales Tax Rawlins County			7.90%	1,136.61

<p>Thank You For Your Business In 2013! We Look Forward To Serving You In 2014!</p>	<p>Total \$23,238.61</p>
---	---------------------------------



CHARGE TO: Murphy
 ADDRESS _____
 CITY, STATE, ZIP CODE _____

TICKET 25278

PAGE 1 OF 2

SERVICE LOCATIONS

1. Haysks WELLPROJECT NO. 3-23 LEASE Berk Trust A COUNTY/PARISH Acadins STATE KS CITY _____ DATE 1-22-14 OWNER _____

2. Ness C34 K TICKET TYPE SALES CONTRACTOR _____ RIG NAME NO. _____ ORDER NO. _____

3. WELL TYPE Oil WELL CATEGORY Development JOB PURPOSE 5 1/2 Top in Bottom Layer String WELL PERMIT NO. _____ WELL LOCATION Sec 23, Twp 15, R. 36 W

4. REFERRAL LOCATION _____ INVOICE INSTRUCTIONS _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE \$112	150	mi.			6.00	900.00
579					Pump Charge Top Bottom	1	ea			2000.00	2000.00
221					Liquid Kill	4	gal			25.00	100.00
281					Mud Flush	500	gal			1.25	625.00
290					D-AX	5	gal			42.00	210.00
403					Cement Basket	3	ea		5 1/2"	300.00	900.00
406					Lath Down Plug + D-HP	1	ea			225.00	225.00
407					Insert Plug Shoe w/ Auto Fill	1	ea			375.00	375.00
409					Turbulators	15	ea			90.00	1350.00
413					Rote Wall Sealers	10	ea			40.00	400.00
419					Rotating Head Rental	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 Alan Robinson DATE SIGNED 1-22-14 TIME SIGNED 11:00 A.M. P.M.

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

SURVEY		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					P1	7335.00
WE UNDERSTOOD AND MET YOUR NEEDS?					P2	14767.00
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					Sub Total	22,102.00
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					Tax	1136.61
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO			TOTAL	23,238.61

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

SWIFT OPERATOR [Signature] APPROVAL _____

Thank You!



Swifton, Inc.

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

TICKET CONTINUATION

TICKET No. 252278

CUSTOMER
Murphy

WELL
Burb Trust A 323
DATE
1-22-14
PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING		TIME	DESCRIPTION	WELL		UNIT PRICE	AMOUNT
		LOC	ACCT			QTY	UM		
325		2			Standard Cement EA 2	200	SKS	14.50	2900.00
330		2			Swift M/LF Density	300	SKS	18.50	5550.00
276		2			Procele	125	LBS	2.50	312.50
283		2			Salt	1000	LBS	.20	200.00
284		2			Calsel	9	SKS	35.00	315.00
285		2			CFM-1	150	LBS	4.50	675.00
581		2			SERVICE CHARGE			2.00	1000.00
583		2			MERGE TOTAL WEIGHT 52855 CHANGE			1.00	3814.50
						LOADED MILES 150	CUBIC FEET 500 SKS		
						TON MILES 3814.5			
CONTINUATION TOTAL									14767.00

JOB LOG

SWIFT Services, Inc.

DATE 1-22-14 PAGE NO.

CUSTOMER *Murkin* WELL NO. *3-23* LEASE *Buck Trust A* JOB TYPE *5 1/2 Top to Bottom* TICKET NO. *25278*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1100							on location
								TD 4550 SS 21
								TP 4544 Insert 4523
								Centralizers 1-10, 12, 14, 16, 22, 34
								Baskets 11, 23, 35
								5 1/2 x 15.5"
	1130							Start Pipe
								Breaks circulation ft. 60 at 60
								Finish Running Pipe
	1400							Circulate Potate Drop Ball
	1520	5	12				300	Start Mud Push
		5	20				300	Start KCL Push
		5	138				300	Start SMD 250 sks @ 11.2 gal/sk
		5	48				200	Start EA2 200 sks
	1535							Drop Plug
								wash out Pump & lines
	1558	6						Start Displacement w/ 20 bbl KCL water
		6	20					finish with H ₂ O
		6						Circulate Cement Cement in cellar
	1615	6	107.6				1100/1500	Land Plug
								cellar on vac Dropped 2ft.
								Release Dry
	1645							Plug MH 30 sks MH 20 sks
	1715							wash up Break up
								Job complete
								Thank You
								Josh, Brian, Craig, Isaac