



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1194894
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: _____

1194894

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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MDCI Mary Ann #6-1 1470' FNL 2190' FWL Sec. 1-T1S-R36W 3198' KB							MDCI Mary Ann #3-1 330' FNL 2190' FWL Sec. 1-T1S-R36W 3133' KB	
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	3136	+62	-5	3130	+68	+1	3066	+67
B/Anhydrite	3166	+32	-1	3163	+35	+2	3100	+33
Neva	3613	-415	+1	3607	-409	+7	3549	-416
Red Eagle	3674	-476	+3	3669	-471	+8	3612	-479
Foraker	3720	-522	+2	3713	-515	+9	3657	-524
Topeka				3930	-732	flat	3865	-732
Oread				4043	-845	+1	3979	-846
Lansing				4146	-948	+1	4082	-949
Stark				4195	-997	+2	4298	-1165
BKC				4362	-1163	+1	4350	-1217
Pawnee				4412	-1214	+3	DNR	
RTD				4447	-1249	+4	4458	
LTD	4520	-1322					4458	
				4510	-1312			



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. #6-1 Mary Ann
Location: 1470' FNL, 2190' FWL of Section 1-1S-36W
License Number: API: 15-153-20964 **Region:** Rawlins County, KS
Spud Date: 11-20-2013 **Drilling Completed:** 11-24-2013
Surface Coordinates: 1470' FNL, 2190' FWL of Section 1-1S-36W

Bottom Hole Vertical hole
Coordinates:
Ground Elevation (ft): 3187' **K.B. Elevation (ft):** 3198'
Logged Interval (ft): 3510' **To:** RTD **Total Depth (ft):** 4520'
Formation: Marmaton at RTD
Type of Drilling Fluid: Chemical - Displaced at 3278'-3300'

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/245 sx
 Production Casing: 5 1/2" set at 4507' w/500 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)


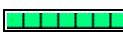


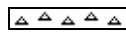
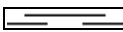



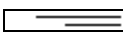



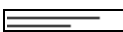
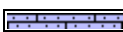





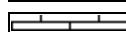





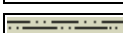
Deviation Surveys: 1 deg. @ 265'; 1/2 deg. @1101'; 3/4 deg. @1889; 1/2 deg. @ 2836'; 1/2 deg. @ 4520'

Bit #	Size	MFG	Type	Depth Out	Footage Cut	Hours on bit
1	12 1/4"	HTC	rerun	265'	265'	2
2	7 7/8"	HTC	DP506F	4520'	4255'	53 3/4

FORMATION TOPS AND STRUCTURAL COMPARISON

FORMATION	SAMPLE TOPS		LOG TOPS		COMPARISON WELL MDC #3-1 Mary Ann 330'FNL, 2190' FWL Section 1-1S-36W 3133' KB
	Depth	Datum	Depth	Datum	
Anhydrite	3136'	+62	3129'	+69	+2
B/Anhydrite	3165'	+33	3161'	+37	+4
Neva	3613'	-415	3607'	-409	+7
Red Eagle	3674'	-476	3668'	-470	+9
Foraker	3720'	-522	3712'	-514	+10
Topeka	3937'	-739	3930'	-732	flat
Oread	not called		4042'	-844	+2
Lansing	not called		4145'	-947	+2
Stark Shale	not called		4362'	-1164	+1
BKC	not called		4412'	-1214	+3
RTD	4520'	-1322			
LTD			4510'	-1312	

ROCK TYPES

 Anhy	 Salt	 Dol	 Shlyls
 Cht	 Shale	 Dtd	 Sltys
 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
- Breclfrag
- 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
- Carbsh
- Clystn
- Dol
- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Sltstn

OTHER SYMBOLS

INTERVALS

- Core
- Dst
- Dst

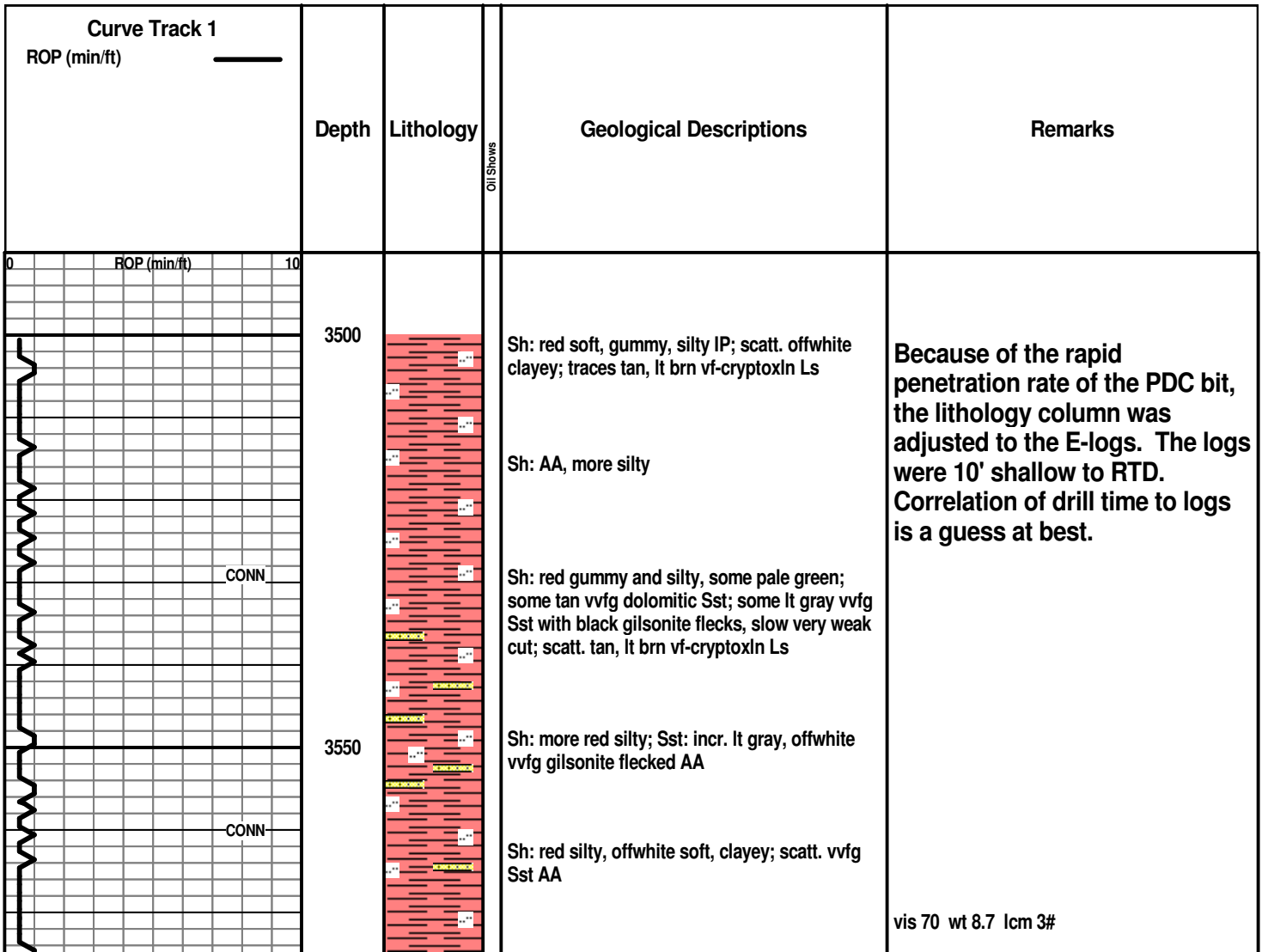
EVENTS

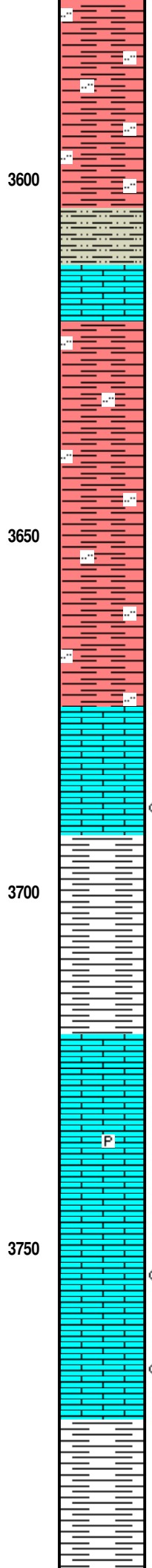
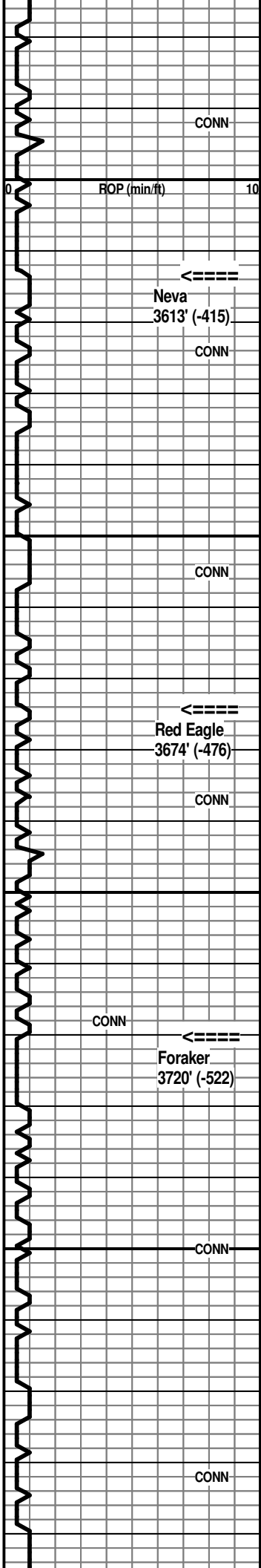
- Rft
- Dst top/base

OIL SHOWS

- Even
- Spotted
- Quest.

- Trace
- Dead
- Gas show





very predom. Sh: red, gummy and silty; scatt. Sst AA; trace tan cryptoxln Ls

Sh: red gummy and silty with influx lt gray and offwhite Siltst

Ls: influx offwhite mic-fnxln, subchalky to chalky, and lt gray dense N.S.

Sh: flood lt red gummy and silty

Sh: AA

Ls: offwhite mic-fnxln subchalky to chalky; lt gray, tan mic-vfxln, NVP, N.S.

40' spl - Ls: offwhite, lt gray granular with some interparticle and vug. por. with dark brn oily stain, globular oil, vvsl odor on break, sl sg; Sh: offwhite, lt gray soft, mushy, clayey

60' spl - Sh: AA with Ls: some shows AA with good influx lt gray, silty to sl dolomitic Ls with NVP, N.S.

80' spl - Ls: offwhite, lt gray mic-fnxln dense, subchalky to chalky; occ lt brn, med gray cryptoxln, sl pyritic IP, N.S.

3800' spl - Ls: offwhite, lt gray dense AA; lesser lt brn, lt gray fn granular with poor-NVP, N.S.; scatt. offwhite, tan granular to micln dense with patchy to sat. dark stain, no odor, nfo

20' spl - Ls: offwhite, lt gray dense AA; scatt. shows AA; some lt gray vf-cryptoxln; Sh: influx offwhite, lt gray soft, clayey

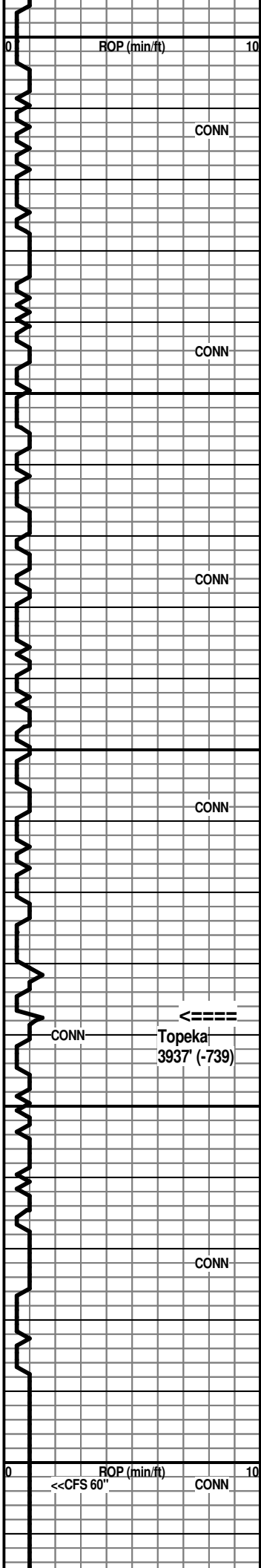
Neva 3613' (-415)

Red Eagle 3674' (-476)

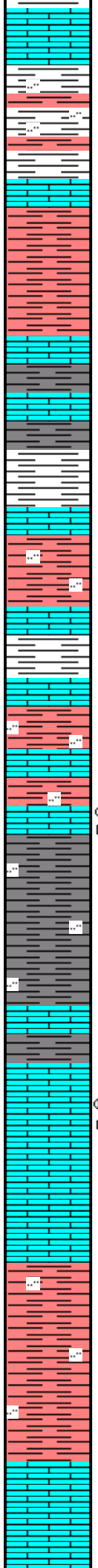
Note: If the 3740' sample was caught on time, then shows belong here. If caught late, then shows may be in Foraker

Foraker 3720' (-522)

See note above



3800
3850
3900
3950
4000



40' spl - Sh: AA, decr. %; Ls: mix lt gray, lt brn vf-cryptoxln and offwhite, lt gray mic-vfxln dense

Sh: red silty and vc gray

80' spl - Ls: decr. % offwhite, lt gray dense; Sh: strong influx soft red

3900' spl - predom. Sh: red AA with sl influx dark gray; Ls: predom. offwhite, lt gray vfxln dense

20' spl - Sh: red soft, silty; lesser Ls: lt gray, offwhite mic-vfxln dense and sl mottled lt brn, lt gray granular with micxln matrix

40' spl - Sh: med to dark red, soft to silty with Ls: offwhite, lt gray dense with occ lt gray cryptoxln

60' spl - Sh: AA; incr. % Ls: more tan, lt brn granular, NVP and lt brn, lt gray cryptoxln; occ lt gray, tan, offwhite granular with spotty gilsonite stain, no odor nfo

Sh: med to dark gray, silty IP

80' spl - Ls: mix lt gray, tan cryptoxln, some granular; offwhite, lt gray dense; Sh: med to dark gray, silty IP

4000' spl - Ls: influx offwhite mic-fnxln with dead black gilsonite stain and flecks; trace brn granular with sat. dark brn oily stain, sfo, sg; tan cryptoxln, NVP, N.S.

CFS 4003' 30" spl - predom. Sh: lt to med red, soft to silty; red-maroon

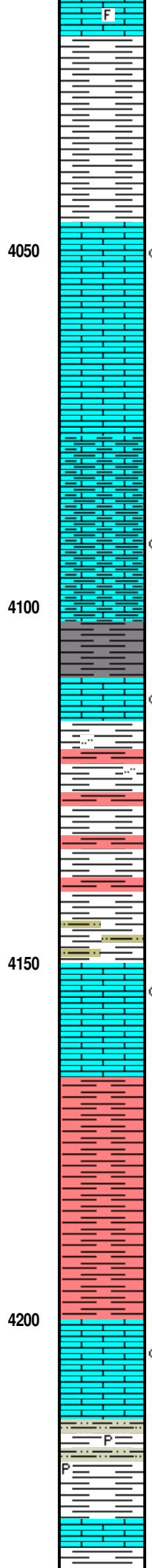
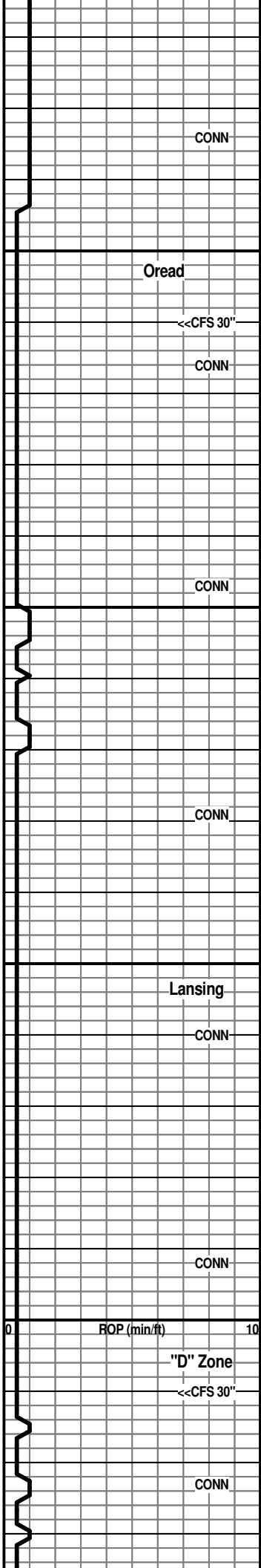
CFS 4003' 60" spl - Sh: various red and red-maroon; Ls: scatt. mottled yellow granular and pink, tan, lt gray cryptoxln

Ls: offwhite, lt gray mic-vfxln and tan, lt gray cryptoxln; spls very shaly

Topeka 3937' (-739)

wiper trip at 4003'
Morgan Mud Check at 4003'
8:15 AM on 11-23-2013
wt vis wl pH chl

8.8 69 8.4 10.0 800
 PV YP GelS lcm solids
 20 25 14/39 4# 3.5%



60' spl - good influx Ls: offwhite, lt gray mic-fnxln, occ foss. with some pp por., subchalky IP; common shales AA with influx dark gray

CFS 4060' 30" spl - Ls: sl influx tan granular with inter-particle and some good vug. por. with brn stain, sl sfo, sl sg; offwhite micxn with poor-NVP with patchy stain; predom. offwhite micxn, subchalky to chalky and lt gray cryptoxln, N.S.

Ls: offwhite mic-vfxln dense and lt gray, tan cryptoxln; minor shale %

20' spl - Ls: flood med gray mic-vfxln dense, shaly with gray calcar. shale

40' spl - shaly Ls and calcar. shale AA; trace lt brn fn granular to cryptoxln Ls with some vug. por. with sl odor, sl sfo, sg, mottled with gray

60' spl - Ls: dense gray, shaly AA; sl influx offwhite vfxln dense and med brn cryptoxln

80' spl - Ls: mix lt to med brn, lt gray cryptoxln, NVP and offwhite mic-vfxln dense, NVP, 2-3 chips sl granular with pp por. with dark brn to black stain, sfo, sg on break; Sh: influx lt to med gray and silty red-brn

4200' spl - Sh: mix various red-brn, vc gray, some maroon; spls still contain mix Ls's AA with trace shows AA

10' spl - various shales AA with gray Siltst; Ls: sl influx tan, offwhite cryptoxln with vug. por. with stain, sg, sl sfo; other offwhite mic-fnxln with spotty stain

Sh: med to dark red-brn

CFS 4210' 30" spl -Sh: influx med to dark red-brn; Ls: common tan, offwhite cryptoxln with vug. por. with lt stain, sl sfo, faint to no odor

20' and 40' spls - very shaly mix AA with scatt. shows AA; influx Siltst: lt brn, lt gray; common pyrite

60' spl - Sh: various red, red-brn, maroon and vc gray; Ls: tan, gray vfxln

80' spl - Sh: mix AA with more med to dark gray

4250

CONN

4300' spl - Sh: med to dark red-brn, med to dark gray; Ls: mix tan, lt gray cryptoxln, NVP, N.S. and offwhite, tan mic-vfxln dense; scatt. tan, offwhite cryptoxln with some xln edge por. with stain, no odor, vsf sfo on break

CONN

20' spl - incr. % Sh: mix AA; Ls: mix AA with several chips tan, lt brn, med gray cryptoxln with very spotty vug. por. with brn to dark brn stain, no odor, nfo

4300

40' spl - abund. Sh: vc gray, red-brn; Ls: good influx tan, lt gray granular with poor inter-particle por. and offwhite mic-vfxln with poor pp por. with stain, vsf sfo on break, no odor

"H" Zone

CONN

60' spl - Ls: offwhite, tan with pp por. and shows AA, some granular with inter-particle por.; Sh: abund mix AA

4350

CONN

"J" Zone

<<CFS 30"

CFS 4360' 30" spl - decr. shale % AA; Ls: scatt. shows AA with possible sl influx tan, lt gray cryptoxln with vug. por. with stain, vsf sfo, no odor

80' spl - very shaly mix; Ls: various lt gray, tan cryptoxln NVP; more lt gray, offwhite mic-vfxln dense, N.S.

Stark Shale

CONN

4400' and 4420' spls - abund. Sh: vc gray and med to dark red-brn, silty IP; Ls: mix lt to med brn, tan, lt gray cryptoxln, NVP and offwhite, tan mic-vfxln dense; very scatt. chips with shows AA

4400

ROP (min/ft) 10

40' spl - flood Ls: offwhite mic-vfxln dense, subchalky to occ chalky, NVP, N.S.

CONN

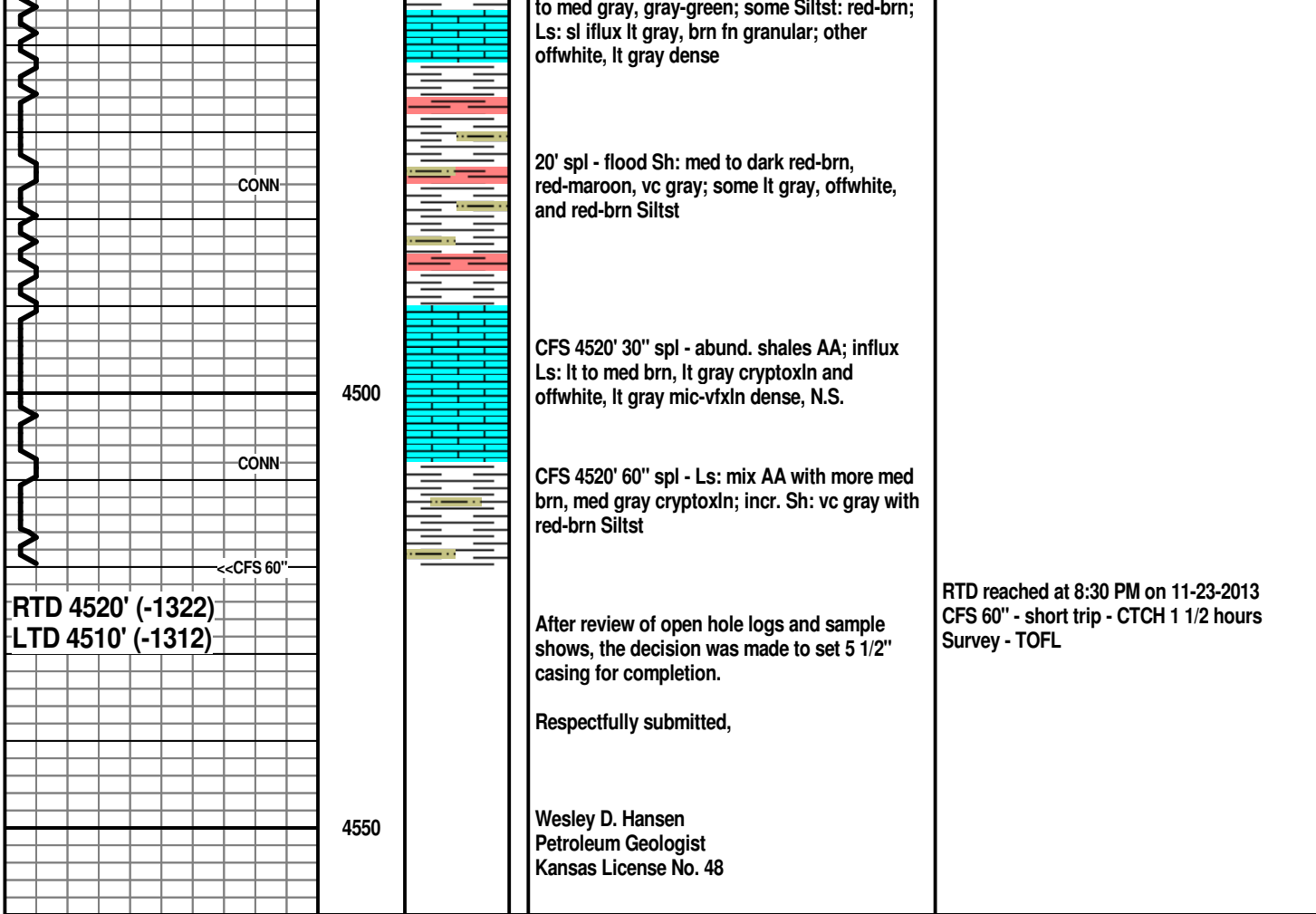
60' spl - Ls: very predom. AA; some lt gray cryptoxln; Sh: sl incr. vc gray

80' spl - Ls: mix AA with more lt gray, lt to med brn cryptoxln; Sh: incr. % med to dark gray, more red-brn

CONN

4450

4500' spl - predom. Sh: red-brn, red-maroon, lt



RTD 4520' (-1322)
LTD 4510' (-1312)

CONN

4500

CONN

<<CFS 60"

4550



*acct
Prod - GA*

INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 139887

Invoice Date: Nov 20, 2013

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

Page: 1

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

Customer ID	Field Ticket #	Payment Terms	
Murfin	61191	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Nov 20, 2013	12/20/13

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Mary Ann #6-1		
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	2.48	637.98
1,067.40	CEMENT SERVICE	Ton Mileage	2.60	2,775.24
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
90.00	CEMENT SERVICE	Pump Truck Mileage	7.70	693.00
1.00	CEMENT SERVICE	Manifold Rental	275.00	275.00
90.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	396.00
1.00	CEMENT SUPERVISOR	Alan Ryan		
1.00	OPERATOR ASSISTANT	Kevin Ryan		
1.00	OPERATOR ASSISTANT	Brandon Wilkinson		

JD

Subtotal	11,250.97
Sales Tax	391.96
Total Invoice Amount	11,642.93
Payment/Credit Applied	
TOTAL	11,642.93

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

\$ 3,937.83 *3510 dk*

ONLY IF PAID ON OR BEFORE
Dec 15, 2013

- 3937.83

ALLIED OIL & GAS SERVICES, LLC 061191

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: OKLEY, KS

DATE <u>11/20/13</u>	SEC. <u>1</u>	TWP. <u>1</u>	RANGE <u>36</u>	CALLED OUT	ON LOCATION	JOB START <u>9:30</u>	JOB FINISH <u>10:00</u>
LEASE <u>Manford</u> WELL# <u>10-1</u>		LOCATION <u>Barclay N7E202 W7E7</u>		COUNTY <u>Rawlins</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)				<u>15 1/2 W Ninto</u>			

CONTRACTOR <u>Manford 2</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Sustent</u>	
HOLE SIZE <u>12 1/4</u> T.D. <u>265'</u>	CEMENT AMOUNT ORDERED <u>245lbm 390cc</u>
CASING SIZE <u>8 5/8</u> DEPTH <u>265'</u>	
TUBING SIZE DEPTH	
DRILL PIPE DEPTH	
TOOL DEPTH	
PRES. MAX MINIMUM	COMMON <u>245</u> @ <u>17.20</u> <u>4385.80</u>
MEAS. LINE SHOE JOINT	POZMIX @
CEMENT LEFT IN CSG. <u>15'</u>	GEL @
PERFS.	CHLORIDE <u>9</u> @ <u>64.00</u> <u>576.00</u>
DISPLACEMENT <u>15-92</u>	ASC @
EQUIPMENT	

PUMP TRUCK CEMENTER <u>Man Ryan</u>
<u>373-281</u> HELPER <u>Kevin Ryan</u>
BULK TRUCK
<u>3</u> DRIVER <u>Brandon Wilkinson</u>
BULK TRUCK DRIVER

HANDLING <u>257.25 @ 2.40</u> <u>637.80</u>
MILEAGE <u>2.00</u> <u>700/mile</u> <u>1400</u> <u>2775.00</u>
TOTAL <u>8324.25</u>

REMARKS:
Location, Barclay, Circulate, 12 1/4 Cement
Displace Cement Station
Cement Ord 5 bbl to 6:7 Circulate
Thank to Alan Perry, Brandon

SERVICE	
DEPTH OF JOB <u>265'</u>	
PUMP TRUCK CHARGE <u>1512.25</u>	
EXTRA FOOTAGE @	
MILEAGE <u>90 miles</u> @ <u>7.70</u> <u>693.00</u>	
MANIFOLD @	
<u>1st vehicle 90 miles</u> @ <u>4.40</u> <u>396.00</u>	
TOTAL <u>2876.25</u>	

CHARGE TO: Manford

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT	
_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
TOTAL _____	

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.

PRINTED NAME Arnie Cuberos

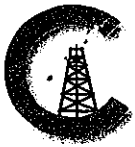
SIGNATURE Arnie Cuberos

SALES TAX (if Any) _____

TOTAL CHARGES 11,251.47

DISCOUNT 3,938.01 IF PAID IN 30 DAYS

7,313.45 Net.



CONSOLIDATED
Oil Well Services, LLC

Acctg -
cc: WF
cc: bin
cc: L-1

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 264299

Invoice Date: 11/25/2013 Terms: 10/10/30,n/30

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MURFIN DRILLING
P.O. BOX 288
RUSSELL KS 67665
() -

MARY ANN 6-1
44546
1-1-36W
11-24-2013
KS

USED FOR 15 103
APPROVED JS

Part Number	Description	Qty	Unit Price	Total
1126	OIL WELL CEMENT	200.00	23.7000	4740.00
1110A	KOL SEAL (50# BAG)	1000.00	.5600	560.00
1104S	CLASS "A" CEMENT (SALE)	300.00	18.5500	5565.00
1102	CALCIUM CHLORIDE (50#)	564.00	.9400	530.16
1101	CAL SEAL	564.00	.5200	293.28
1111A	SODIUM METASILICATE	564.00	2.5200	1421.28
1118B	PREMIUM GEL / BENTONITE	564.00	.2700	152.28
1142A	KCL SUB MB6875 CC3107 (1	2.00	41.1000	82.20
1144G	MUD FLUSH (SALE)	500.00	1.0000	500.00
1107	FLO-SEAL (25#)	150.00	2.9700	445.50
4159	FLOAT SHOE AFU 5 1/2"	1.00	433.7500	433.75
4454	5 1/2" LATCH DOWN PLUG	1.00	567.0000	567.00
4136	TURBOLIZER 5 1/2"	14.00	75.7500	1060.50
4104	CEMENT BASKET 5 1/2"	3.00	290.0000	870.00
4315	ROTATING SCRATCHERS	5.00	94.5000	472.50
1111	SODIUM CHLORIDE (GRANULA	100.00	.0000	.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-1769.35
9995-130	CEMENT EQUIPMENT DISCOUNT	-678.47

Description	Hours	Unit Price	Total
399 SINGLE PUMP	1.00	3175.00	3175.00
399 EQUIPMENT MILEAGE (ONE WAY)	75.00	5.25	393.75
460 TON MILEAGE DELIVERY	1.00	1608.00	1608.00
T-129 TON MILEAGE DELIVERY	1.00	1608.00	1608.00

Amount Due 25875.98 if paid after 12/25/2013

Parts:	17693.45	Freight:	.00	Tax:	1258.00	AR	23288.38
Labor:	.00	Misc:	.00	Total:	23288.38		
Sublt:	-2447.82	Supplies:	.00	Change:	.00		

Signed _____

Date _____



CONSOLIDATED
Oil Well Services, LLC

264299

TICKET NUMBER 44546

LOCATION OAKLEY KE.

FOREMAN DAMON M. FUZZY

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT

KANSAS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
11-24-13	5406	MARYANN 6-1	1	1	36W	RAWLINS	
CUSTOMER		MURFIN DRUG		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS		ATWOOD 133 RD 8W+12RD 5W 1S 1/2W 1/2N IN 60		399	DANE R.		
CITY		STATE	ZIP CODE	520 F. 129	JEREMYS.		
				460	STEVEN		

JOB TYPE LONG STRING HOLE SIZE 7 7/8 HOLE DEPTH 4520 CASING SIZE & WEIGHT 5 1/2 15.5#
 CASING DEPTH 4507 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 10.7/13.8 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING 5406 21.15
 DISPLACEMENT 106.76 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: SAFELY MESSING RIG UP ON MURFIN #2 RAN FLOAT EQUIPMENT CENT
ON JOINTS #1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 33, 50 BASKETS ON BOTTOM
OF 12, 34, 51 CIRC 1/2 HR ON JOINT #51 RAN REST OF JOINTS TO BOTTOM
CIRC 1 HR ON BOTTOM PUMP 5 BBL OF H2O THEN 500 GAL OF MUD FLUSH THEN
5 BBL OF H2O MIXED 250 SKS OF CMA 1/2" FLOSEAL TAILED IN WITH 100 SKS
OWC #5 KOLSEAL CLEAR PUMP AND LINES RELEASED PLUG & DISAPPEARED 106 BBL
OF H2O LEFT WAS 1600* LINDO @ 2200* RELEASED PRESSURE FLOAT HELD.
MIXED 20 SKS MH
MIXED 30 SKS RH Cement circ approx 5 BBL TO THE PIT

THANK YOU DAMON, FUZZY / CREW

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3175.00	3175.00
5406	75	MILEAGE	5.25	393.75
5407A	24.5	TOW MILEAGE DELIVERY	1.75	3216.00
1126	200 SKS	OWC	23.70	4740.00
1110A	1000*	KOLSEAL	.56	560.00
1104S	300 SKS	CLASS A CEMENT	18.55	5565.00
1102	564*	CALCIUM CHLORIDE	.94	530.16
1101	564*	CAL SEAL	.52	293.28
1111A	564*	METASILICATE	2.52	1421.28
1118B	564*	BETONITE	.27	152.28
1142A	2 GAL	KCL	41.10	82.20
1144B	500 GAL	MUD FLUSH	1.00	500.00
1107	150*	FLOSEAL	2.97	445.50
4159	1	5 1/2" RAN FLOAT 9106 (E)	433.75	433.75
4454	1	5 1/2" LATCH DOWN PLUG (D)	567.00	567.00
4136	14	TURBOLIZERS (W)	75.75	1060.50
4104	3	5 1/2" BASKETS (W)	290.00	870.00
4315	5	5' SCRATCHERS (W)	94.50	472.50
1111	2 100*	SALT N/C	N/C	

Revin 8737 SUBTOTAL - 24478.20 LESS 10% 2447.82 SUBTOTAL 22030.38 SALES TAX 1258.00 7.9 ESTIMATED TOTAL 23288.38

AUTHORIZATION Buck Sales TITLE completed DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.