

RIG 6 DRILLING CO. INC

P O BOX # 227
IOLA, KS 66749

R.K. (Bud) Sifers
(620) 365-6294

John J. Barker
(620) 365-7806

INVOICE #: 30608
COMPANY Barnard Oil Operations
ADDRESS: P O Box 535
Madison, KS

DATE: 11/20/2013
LEASE Fankhauser
COUNTY: GW
WELL 2A
API #: 15-073-24,198

ORDERED BY: Dick

KCC WICHITA

JUN 02 2014

RECEIVED

SERVICE	RATE	UNITS	
Location Pit Charge		1	N/A
Set Surface Csg.	\$250.00 Per Hr	1	250
Cement Surface/W.O.C.	\$250.00 Per Hr	8	N/C
Drilling Charge	\$11.00 Per Ft	1860'	\$20,460.00
Circulating	\$250.00 Per Hr	1	\$250.00
Drill Stem Test	\$250.00 Per Hr		N/C
Logging	\$250.00 Per Hr		N/C
Core Samples	%500.00 Per Run		N/C
Water Hauling	\$60.00 Per Hr		N/C
Bit Charge (Lime W/O)	Cost + 10%		N/C
Drill Stem Lost	\$28.00 Per Ft		N/C
Trucking	\$40. per hr + \$1./ mi		N/C
Roustabout	\$23.00 Per Man Hr		N/C
Running Casing	\$250.00 Per Hr	1	\$250.00
Rigging Up	\$250.00 Per Hr	1	N/C
Rigging Down	\$250.00 Per Hr	1	N/C
Other			
Fuel Assess.			
Move Rig			
Material Provided:			
Cement	\$8.00 Per Sx		
Sample Bags	\$28.00 Per Box	1	\$28.00

TOTAL AMOUNT

~~\$20,988.00~~

\$20,988.00

REMIT TO: RIG 6 DRILLING, INC
PO BOX 227
IOLA, KS 66749

THANK YOU !!! WE APPRECIATE YOUR BUSINESS !!!

Rig 6 set 100' of surface pipes on Saturday 11-16-2013.
Rig 6 started drilling under surface at midnight Sunday 11-17-2013
I went by rig on Monday at 11am & they were at 800.

Pol IDO Fank 2.1
11-24-2013
Well pumped for 1st
time on 12-20-2013



CONSOLIDATED
Oil Well Services, LLC

264215

TICKET NUMBER 45244

LOCATION Eureka

FOREMAN Steve Mend

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

FIELD TICKET & TREATMENT REPORT

CEMENT APT 15-073-24198

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-20-13	1642	Frankhauser #2A	4	225	12E	Greenwood
CUSTOMER			TRUCK #			
Barnard Ridge Barnard Oil Operations			485	Alan		
MAILING ADDRESS			515	Calby		
907 S 3rd			4527100	Jim		
CITY		STATE	ZIP CODE			
Madison		KS	66860			

JOB TYPE CS 0 HOLE SIZE 6 3/4 HOLE DEPTH 1860' CASING SIZE & WEIGHT 4 1/2 10.5*
 CASING DEPTH 1834 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 29 1/2 DISPLACEMENT PSI 500* MIX-PSI Bump plug 1000* RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 casing Break circulation w/ Fresh water Pump
bbbs ahead. Mix 60 sks Thickset cement w/ 5# Kal-seal, 5# per/sk. Wash out
Pump + Lines Shutdown Release plug Displace w/ 29 1/2 bbls Fresh water. Final
Pumping Pressure 500 = Bump plug 1000 = Wait 2 min Release Pressure. Plug
held - Good circulation During Job
Job Complete Rig down

Thank you

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1085.00	1085.00 ✓
5406	35	MILEAGE	4.20	147.00 ✓
1126A	60 sks	Thickset Cement	20.16	1209.60 ✓
1110A	300*	Kal-Seal 5# per/sk	.46	138.00 ✓
5407	3-3 Ton	Ton mileage Bulk Truck	mic	368.00 ✓
4404	1	4 1/2 Rubber plug	47.25	47.25 ✓
KCC WICHITA				
5502C	3 hrs	800 lbs vacuum Truck	90.00	270.00 ✓
1123	2500 gallons	City water	17.75/1000	43.25 ✓
RECEIVED				
SubTotal				3308.10 ✓
SALES TAX 7.15%				102.83 ✓
ESTIMATED TOTAL				3410.93 ✓

Ravin 3737

AUTHORIZATION Ron Puffer TITLE Driller DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's



CONSOLIDATED
Oil Well Services, LLC

2640701

TICKET NUMBER 45057
LOCATION Eureka, KS
FOREMAN David Gardner

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

FIELD TICKET & TREATMENT REPORT
CEMENT

API # 15-073-24198

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
11-16-13	11642	Fankhauser #2A	4	22	12	Greenwood	
CUSTOMER Barnard Oil Operations							
MAILING ADDRESS P.O. Box 535							
CITY Madison		STATE KS	ZIP CODE 66860				
		TRUCK #		DRIVER			
		445		Chris B.			
		479		Chris M.			
		637		Colby N.			

JOB TYPE S/P 0 HOLE SIZE 12 1/4" HOLE DEPTH 110' CASING SIZE & WEIGHT 8 5/8"
CASING DEPTH 106' + L.S. DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 14.5-15# SLURRY VOL 18 Bbls WATER gal/sk _____ CEMENT LEFT in CASING 10'
DISPLACEMENT 6.6 Bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: Safety Meeting. Rig up to 8 5/8" casing. Break circulation + Mixed 70 SKS Class "A" Cement w/ 2% Calc., 2% Gel, 1/4# Floccs/sk. Displace w/ 6.6 Bbls water. Shut well in. Good circulation @ all times. Had 7 Bbls cement slurry to pit. Job complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	870.00	870.00 ✓
5406	35	MILEAGE	4.20	147.00 ✓
1104S	70 SKS	Class "A" Cement	15.70	1099.00 ✓
1118B	160#	Gel @ 2%	.22	35.20 ✓
110Z	160#	Calc. @ 2%	.78	124.80 ✓
1107	18 #	Floccs @ 1/4#/sk	2.47	44.46 ✓
5407	3.29 Tons	Ton Mileage Bulk Truck	m/c	368.00 ✓
5502C	2 HRS	80 Bbl Vac. Truck	90.00	180.00 ✓
1123	3000 Gals.	City Water	17.30/1000	51.90 ✓
KCC WICHITA				
JUN 02 2014				
RECEIVED completed				
			Subtotal	2920.36
			SALES TAX	96.91 ✓
			ESTIMATED TOTAL	3017.27 ✓
			"Thank You"	7.15%

Ravin 3737

AUTHORIZATION _____ TITLE _____ DATE _____

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P O BOX # 227
IOLA, KS 66749

R.K. (Bud) Sifers
(620) 365-6294

John J. Barker
(620) 365-7806

INVOICE #: 30608
COMPANY Barnard Oil Operations
ADDRESS: P O Box 535
Madison, KS

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PO BOX 227
IOLA, KS 66749

*Pod ID# Fankhauser 2.1
11-24-2013
Well pumped for 1st
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264215

TICKET NUMBER 45244
 LOCATION Eureka
 FOREMAN Steve Meach

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

FIELD TICKET & TREATMENT REPORT

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CUSTOMER			TRUCK #			
Barnard Alpha Barnard Oil Operations			DRIVER			
MAILING ADDRESS			TRUCK #			
907 S 3rd			DRIVER			
CITY			STATE			
Madison			ZIP CODE			
			1KS 66860			

JOB TYPE 45 0 HOLE SIZE 6 3/4 HOLE DEPTH 1860' CASING SIZE & WEIGHT 4 1/2 10.5"
 CASING DEPTH 1854 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 29 1/2 DISPLACEMENT PSI 500[#] MIX-RATE Bump plug 1000[#] RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 casing Break circulation w/ Fresh water Pump
balls ahead. Mix 60 sks Thickset cement w/ 5[#] Kal-seal 5[#] per/sk. Wash out
Pump + Lines Shutdown Release plug Displace w/ 29 1/2 bbls Fresh water. Final
Pumping Pressure 500 = Bump plug 1000 = Wait 2 min Release Pressure. Plug
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Thank you

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5407	3-3 Ton	Ton mileage Bulk Truck	mic	368.00 ✓
4404	1	4 1/2 Rubber plug	47.25	47.25 ✓
5502C	3 hrs	Subtraction Truck	90.00	270.00 ✓
1122	2500 gallons	City water	17.75/1000	43.25 ✓
RECEIVED				
KCC WICHITA JUN 02 2014				
Completed				
			Subtotal	3308.10 ✓
			SALES TAX 7.15%	102.83 ✓
			ESTIMATED TOTAL	3410.93 ✓

AVIN 3737 AUTHORIZATION Ron Puffer TITLE Driller DATE _____

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CONSOLIDATED
Oil Well Services, LLC

2640701

TICKET NUMBER 45057

LOCATION Eureka, KS

FOREMAN David Gardner

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

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CEMENT

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CITY Madison		STATE KS	ZIP CODE 66860			
		TRUCK #	DRIVER	TRUCK #	DRIVER	
		445	Chris B.			
		479	Chris M.			
		637	Colby N.			

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JUN 02 2014				
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Geologist Report

Fankhauser #2A
Sec. 4 Twn. 22S Rge. 12E
SW-SE-SW-SE
Fankhauser Field
Greenwood County, KS

Jarred Leis
Petroleum Geologist
1135 30th Rd
Yates Center, KS 66783

Prepared for:
Barnard Oil Operations
Madison, KS

Drilling Contractor:
Rig 6 Drilling
Iola, KS

TD: 1860
Surface Pipe: 8 5/8"
Production Casing: 4 1/2"



KCC WICHITA
JUN 02 2014
RECEIVED

Sample Descriptions

Bartlesville:

1792-1810: Sandstone: tan, medium grained, fair sorting, good porosity, good odor and stain, free oil, good fluorescence throughout

1810-1822: Sandstone: tan, fine grained, well rounded, good stain, good odor, abundant free oil, very good fluorescence throughout

Conclusions:

4 ½" Casing was run to 1856 to further evaluate the Bartlesville sand

KCC WICHITA
JUN 02 2014
RECEIVED