

Surface

71730
Invoice

Global Cementing LLC

18048 I-70 Road
Russell, KS 67665

Date	Invoice #
4/16/2014	1298

Bill To
GREAT PLAINS ENERGY 6121 S 58TH ST STE B LINCOLN, NE 68516

P.O. No.	Terms	Project
SAUVAGE#10	Net 30	

Quantity	Description	Rate	Amount
200	COMMON	15.50	3,100.00
7	CALCIUM	53.00	371.00
4	GEL	23.50	94.00
211	HANDLING	2.10	443.10
	BULK MILEAGE	540.16	540.16
1	TRI-PLEX PUMP CHARGE FOR SURFACE	1,050.00	1,050.00
64	PUMP TRUCK MILEAGE	6.50	416.00
64	PICKUP	2.50	160.00
	DEDUCT 15% FROM TOTAL IF PAID WITHIN 30 DAYS OF INVOICE SHERIDAN CO	8.15%	0.00

Cement surface casing

Thank you for your business.

Phone #	Fax #	E-mail
785-324-2658	785-445-3526	

Total \$6,174.26

[Handwritten signature]



Production

73550

INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 142783
Invoice Date: Apr 23, 2014
Page: 1

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

Bill To:
Great Plains Energy, Inc. 6121 S. 58 St. Suite B Lincoln, NE 68516

Customer ID	Field Ticket #	Payment Terms	
GrPIEn	55196	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Russell	Apr 23, 2014	5/23/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Sauvage #10		
860.00	CEMENT MATERIALS	Gel	0.24	206.40
175.00	CEMENT MATERIALS	ASC	20.90	3,657.50
30.00	CEMENT MATERIALS	ASC	20.90	627.00
108.00	CEMENT MATERIALS	Flo Seal	2.97	320.76
500.00	CEMENT MATERIALS	60/40 4% Gel Blend	15.30	7,650.00
1,000.00	CEMENT MATERIALS	Mud Flush	1.40	1,400.00
2.00	CEMENT MATERIALS	KCL	1.50	3.00
873.00	CEMENT MATERIALS	Kol Seal	0.98	855.54
705.00	CEMENT SERVICE	Cubic Feet Charge	2.48	1,748.40
1,872.00	CEMENT SERVICE	Ton Mileage Charge	2.60	4,867.20
1.00	CEMENT SERVICE	2 Stage Long String	2,765.75	2,765.75
180.00	CEMENT SERVICE	Heavy Vehicle Mileage	7.70	1,386.00
60.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	264.00
1.00	CEMENT SERVICE	Plug Container	275.00	275.00
1.00	EQUIPMENT SALES	5-1/2 Auto Fill Float	545.00	545.00
1.00	EQUIPMENT SALES	5-1/2 Latch Down Assembly	660.00	660.00
10.00	EQUIPMENT SALES	5-1/2 Centralizer	57.00	570.00
3.00	EQUIPMENT SALES	5-1/2 Basket	395.00	1,185.00
1.00	EQUIPMENT SALES	5-1/2 Two Stage Collar	5,335.00	5,335.00
40.00	EQUIPMENT SALES	5-1/2 Scratchers	88.92	3,556.80

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

~~\$9846.00~~ 6,765.07

ONLY IF PAID ON OR BEFORE
May 18, 2014

Subtotal	Continued
Sales Tax	Continued
Total Invoice Amount	Continued
Payment/Credit Applied	
TOTAL	Continued

[Handwritten signatures]

Squeeze GLOBAL CEMENTING, L.L.C.

1333

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT:
Russell, KS - Hoxie, KS

DATE <u>5-16-14</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>500age</u>	WELL #. <u>10</u>		LOCATION			COUNTY	STATE
<input checked="" type="radio"/> OLD OR NEW (CIRCLE ONE)							

CONTRACTOR CO TOOLS

TYPE OF JOB Squeeze

HOLE SIZE _____ T.D. _____

CASING SIZE 5 1/2 17" DEPTH _____

TUBING SIZE 2 3/8 DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS 3960-64

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 100sy com

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

EQUIPMENT

PUMP TRUCK CEMENTER Heath

P1 HELPER Cody

BULK TRUCK DRIVER Brad

B1 DRIVER _____

BULK TRUCK DRIVER _____

_____ DRIVER _____

REMARKS:
Run tubing down and tested tools to 1000ps held - pull up to 3876 and pressured backside to 500ps - held - est rate down tubing @ 2 bpm @ 1000ps - mixed 100sy and disp 2 3/4 bbl - Squeezed to 1500ps - released and dried up - pulled to 1150 ps pressure to 1000ps - come out of hole and pressure up 5 1/2 casing to 500ps shut in

CHARGE TO: Great Plains

STREET _____

CITY _____ STATE _____ ZIP _____

Global Cementing, L.L.C.,
 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. Thank you.

PRINTED NAME _____

SIGNATURE [Signature]

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE 64 _____ @ _____

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

Completion Report Sauvage #10

Operator: Great Plains Energy, Inc. **Contact Person:** Dan Blankenau 402.443.6125
Contractor: QPOFS **Completion Engineer:** Harold Bellerive

Field: Swede Hollow

Location: NW NE Sec. 35-4S-30W, Decatur County, Kansas

Spot: 1400' fnl, 1290' fel

Elevation: 2845'GL, 2850' KB

API #: 15-039-21197-00-00

Depth: RTD 4295', LTD 4296'

Surface Casing: 8 5/8" 23# new set @ 260'

Production Casing: 5 1/2" 14# new set @ 4296'. DV Tool @ 2598'.

Cementing Report

4/16/14: Trip in hole with 5 1/2", 17# casing. Ran as follows: joint #1 as shoe joint (17.50'), joints #2 through #41 (put DV tool on top of joint #41 at 2598') then joints #42 through #103. Put scratchers on joints #4 through #14 (four each). Put centralizers on joints #3, #4, #5, #6, #7, #8, #10, #12, #40 and #79. Put baskets on joints #12, #41 and #80.

5 1/2" casing tally	4302.88
DV tool and Guide Shoe	<u>3.00</u>
Total	4305.88

2:00 p.m. Started 5 1/2", 17# casing.

4:29 p.m. On bottom with pipe. Tagged bottom at 4296'. Pulled 2' off bottom and set slips. Cut off pipe and welded slip collar.

5:10 p.m. Broke circulation. Thinned mud to 42 viscosity. Started 500 gallons mud flush, 20 bbls KCL flush. Mixed and pumped 150 sacks ASC.—good circulation. Plug landed at 99.4 bbls out at 1600#.

Released—held. Opened DV tool and circulated two hours. Pumped 500 gallons mud flush, 20 bbls KCL. Plugged rat-hole with 30 sacks. Mixed and pumped 500 sacks lite cement. Lost circulation with 30 bbls displaced. Closed DV tool. Set slips and rigged down Allied Cementing.

Completion Report

5/12/14: Quality Plus rih w/ 4 3/4" Bit, bit sub supplied by Quality plus and tubing, rig up pump and swivel drill out D.V. tool, run tubing down to bottom tag bottom at 4276',

GREAT PLAINS ENERGY

rig up swivel drill out shoe jt. down to 4291', circulate hole clean w/ salt water out of swab tank, pressure casing to 500#, held, rig down pump and swivel.

5/13/14: Pooh w/ tubing and bit, rig up Perf-tech, log hole, PBTD- 4288', estimated top of cement- 2733', D.V. tool at 2597', top of cement on top stage- 460' started to get spotty at 620', swab casing down to 3650', Perf- Pawnee at 4274'-78' 8SPF., perf- KC c-zone at 3960'-64' 4SPF, rig down Perf-tech, rih w/ 5 1/2" plug and pkr., set plug at 4284', set pkr. at 4255', rih w/ swab tag fluid 3575' F.S., swab well down, let set 30 min.- dry

5/14/14: Rih w/ swab, dry, release pkr. run subs, rih w/ swab, tag fluid 3650' F.S., rig up S.O.S, spot 6 Bbls of acid, let set 10 min., pull subs, set pkr. 4255', perfs- 4274'-78', load hole, loaded 1/2 Bbl late, stage on well, got pressure up to 800#, started to feed .3 Bpm pressure increased to 1000#, 10 min. on a vac., treated w/ 250 gal. 15% MCA., let set 30 min., rih w/ swab, tagged fluid 200' F.S., swab down 23.49 Bbls, let set 30 min. pulled 50' of water, release tools, set over KC c-zone, 3960'-64', set plug 4009', spot 3970', tag fluid 3350' F.S., spot 6 Bbls, let set 10 min., pull pkr. to 3939', load hole, hole loaded 3/4 Bbl late started to feed 1/4 Bpm on a vac., had to pinch valve down to keep at 1/4 Bpm., treated w/ 250 gal. 15% MCA., let set 30 min., rih w/ swab tag fluid 400' F.S., swab well back slow, swab down 25.81 Bbls, start 1st hr test, 2 pulls, had 450' of fluid on first pull, 425' of fluid on second pull, with a trace of oil, release pkr, swab acid off of backside. Shut down.

5/15/14: Ran in hole with swab. Tagged fluid 2300' fs. Swabbed down (two pulls) – 10.44bbls (trace of oil). First hour test (swabbing steady, 7 runs) – 8.41 bbls, trace of oil. Second hour test (swabbing steady, 7runs) – 5.22 bbls, trace of oil. Released tools. Pulled out of hole with tubing and tools. Rigged up Perf-Tech. Set CIBP @ 4255'. Rigged down Per-Tech. Ran in hole with packer. Let swing @ 4009'. Shut down.

5/16/14: Rigged up Global Cementing. Set packer @ 4060'. Tested tools to 1500# - Held. Released packer. Pulled packer to 3816'. Loaded back-side. Pressured to 500# - Held. Loaded tubing. Took injection rate of 2 bpm @1100#. Mixed 100sx common. Washed truck. Started displacement. With cement clear of packer, had 1100# on tubing. Staged cement for 45 min. Squeezed @ 1500#. Released to truck –Held. Washed around packer. Pulled sic joints. Pressured to 1500# - Held. Pulled out of hole with tubing and packer. Put swedge and valve on casing. Pressured to 500#. Shut in well. Shut down.

5/19/14: Released pressure off of casing. Ran in hole with 4 3/4" bit, bit sub and tubing. Tagged cement @ 3820'. Rigged up mud pump and power swivel. Drilled cement down to 3970'. Fell out of cement. Circulated hole clean. Pressured to 500# - Held. Ran tubing down to bottom. Circulated saltwater out of swab tank. Rigged up swab. Swabbed well down to 3600' fs. Shut down.

GREAT PLAINS ENERGY

5/20/14: Pulled out of hole with tubing and bit. Rigged up Perf-Tech. Perforated @ 3991'-3995'; 4001'-4005'; 4097'-4100' (8 spf.). Rigged down Perf-Tech. Ran in hole with 5 1/2" plug and packer. Set plug @ 4120' and packer @ 4061'. Could not get swab bar past 3600'. Determined we had a piece of rubber from rig tubing board in pipe. Released tools. Pulled out of hole with tubing to rubber. Cleaned out joint. Ran in hole with tools and tubing. Set plug and packer. Ran in hole with swab. Tagged fluid 3700' fs. Pulled 350' water. Made one more pull off bottom. Let set 30 min. Ran in hole with swab – dry. Shut down.

5/21/14: Ran in hole w/ swab. Had 10' water. Released packer. Ran 1 joint. Tagged fluid @ 3750' fs. Rigged up SOS. Spotted 3 1/2 bbls acid. Let set 10 min. Pulled one joint. Set packer. Loaded hole. Staged acid in w/150#. Treated w/ 250 gal. 15% MCA. Let set 30 min. Ran in hole with swab. Tagged fluid 800' fs. Swabbed down 18.8 bbls. First hr (4 pph) - .29 bbls. 3% oil. Second hr (2 pph) – had 5' oil no visible water on both pulls. Released tools. Set over G zone (4001'-4005'). Set plug @ 4020'. Set packer @ 3997'. Ran in hole w/ swab. Pulled 100' oil. Let set 30 min. Ran in hole w/ swab. Tagged fluid 2700' fs. Sucked on backside. Released packer. Swabbed acid off back-side. Pulled packer up. Set over F and G zones. Swabbed well down. First hr (4 pph) – 24-47% oil, 1.45 bbls. Shut down.

5/22/14: Rih w/ swab, tag fluid 3700' F.S., swab down 2.32 Bbls, no visible water
1st hr test, 4 pulls, no visible water, 1.74 Bbls
release pkr., run 1 jt. tag fluid 3850', rig up S.O.S, spot 2 Bbls acid, let set 10 min.,
pinched valve down, acid went 1/4 Bpm on a vac., treated w/ 500 gal. 15% MCA., let set
1 hr., tag fluid 3200' F.S., swab down 9.28 Bbls
1st hr test, 4 pulls, no visible water, 4.64 Bbls
2nd hr test, 4 pulls, no visible water, 2.32 Bbls
3rd hr test, 4 pulls, no visible water, 1.74 Bbls
4th hr test, 4 pulls, no visible water, 1.74 Bbls
Rigged up S.O.S. Treated w/ 2,000 20% gelled acid, pinched valve down let acid go 3/4
Bpm on a vac., shut well into tank. Shut down

5/23/14: Rih w/ swab, tag fluid 3350', swab well down 10.73 Bbls
1st hr test, 4 pulls, fluid lvl- 3800', 65% oil cut, 7.83 Bbls
2nd hr test, 4 pulls, fluid lvl- 3825' F.S., 80% oil cut, 6.67 Bbls
3rd hr test, 4 pulls, fluid lvl- 3850' F.S., 82% oil cut, 4.64 Bbls
4th hr test, 4 pulls, fluid lvl- 3850' F.S., 87% oil cut, 4.06 Bbls
floor hand got sick so we could not pull tools. Shut down

5/27/14: Rih w/ swab, tag fluid 3750' F.S., pulled 350' of oil, release tools pooh w/
tubing and tools, put production head on casing, rih w/ 15' x 2 7/8" M.A., 2 1/2" S.N.,
136 jts. of 2 7/8" tubing, run subs, swab off of bottom till it turned to no visible water,
pull subs, land tubing 24' off of bottom, rih w/ 6' gas anchor, 2 1/2" x 1 1/2" x 12' rag
pump, 2' x 3/4" sub, 167- 3/4" rods, 8', 8' x 3/4" subs, 8' x 1 1/2" liner, 16' x 1 1/4" P.R.,
seat pump, load hole out of swab tank, long stroke well, pumping good. Shut down