



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1221510
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: _____

1221510

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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Form	ACO1 - Well Completion
Operator	Cross Bar Energy, LLC
Well Name	Burkett 'F' 20
Doc ID	1221510

All Electric Logs Run

Borehole Volume Caliper
Compensated Neutron
PEL Density Micro
Phased Induction
Shallow Focused SP
Composite
Borehole Compensated Sonic
Cement Bond Log

Form	ACO1 - Well Completion
Operator	Cross Bar Energy, LLC
Well Name	Burkett 'F' 20
Doc ID	1221510

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
1	2050-2056; 2066-2088	Acidize 1250 gal Ne HCL	2050-2056; 2066-2088
		Frac w/886 bbbls cross link; 40149# sd	2050-2056; 2066-2088
	Bridge Plug @ 2155		
1	2190-2198	None	
	Bridge Plug @ 2240		
1	2248-2256	None	

Elite Cementing & Acid Service, LLC
 810 E 7th, PO Box 92
 Eureka, KS 67045



Date	Invoice #
7/7/2014	1469

Bill To	Lease	BURKF (1)
Cross Bar Energy, LLC 100 S Main, Suite 400 Wichtia, KS 67202	Well #	F20
	Desc.	F20 Cement Surface Csg
	Acct #	40 10-25
Customer ID#	1038	

Job Date	7/1/2014
Lease Information	
Burkett F #20	
County	Greenwood
Foreman	KM

Item	Description	Qty	Terms	Net 30
			Rate	Amount
C101	Cement Pump-Surface	1	840.00	840.00
C107	Pump Truck Mileage (one way)	15	3.95	59.25
C200	Class A Cement-94# sack	120	15.00	1,800.00T
C205	Calcium Chloride	340	0.60	204.00T
C206	Gel Bentonite	225	0.20	45.00T
C108A	Ton Mileage (min. charge)	1	345.00	345.00

We appreciate your business!

Phone #	Fax #
620-583-5561	620-583-5524
E-mail	
rene@elitecementing.com	

Subtotal	\$3,293.25
Sales Tax (7.15%)	\$146.50
Total	\$3,439.75
Payments/Credits	\$0.00
Balance Due	\$3,439.75

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561

Elite

**Cementing & Acidizing
 of Kansas, LLC**



Cement or Acid Field Report

Ticket No. **1469**
 Foreman KEVIN MCCOY
 Camp EUREKA

API # 15-073-24211

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
7-1-14	1038	BURKETT "F" #20	26	23S	10E	GW	Ks	
Customer <u>CROSS BAR ENERGY LLC</u>			Safety Meeting KM CB CM		Unit #	Driver	Unit #	Driver
Mailing Address <u>100 S. MAIN STE 400</u>					102	CHRIS B		
City <u>WICHITA</u>			State <u>KS</u>		112	CHRIS M		
Zip Code <u>67202</u>								

Job Type SURFACE Hole Depth 206' G.L. Slurry Vol. 30 BBL Tubing _____
 Casing Depth 201' G.L. Hole Size 12 1/4" Slurry Wt. 14.8 # Drill Pipe _____
 Casing Size & Wt. 8 5/8" 23 # Cement Left in Casing 15' Water Gal/SK 6.5 Other _____
 Displacement 12 BBL Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: SAFETY MEETING: Rig up to 8 5/8" casing. BREAK CIRCULATION w/ BBL fresh water.
Mixed 120 SKS CLASS "A" Cement w/ 3% CaCl2, 2% Gel. @ 14.8 #/gal. Displace w/ 12 BBL
fresh water. Shut casing in.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 101	1	Pump Charge	840.00	840.00
C 107	15	Mileage	3.95	59.25
C 200	120 SKS	CLASS "A" Cement	15.00	1800.00
C 205	340 #	CaCl2 3%	.60	204.00
C 206	225 #	Gel 2%	.20	45.00
C 108 A	5.64 TONS	Ton Mileage	M/c	345.00
<u>THANK YOU</u>			Sub TOTAL	3293.25
			Sales Tax	146.50
Authorization <u>Witnessed By Dave Farthing</u> Title <u>Contractor</u>			Total	3439.75

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

Elite Cementing & Acid Service, LLC

810 E 7th, PO Box 92
Eureka, KS 67045



Date	Invoice #
7/14/2014	1508

Bill To	Lease	BURKF
Cross Bar Energy, LLC 100 S Main, Suite 400 Wichtia, KS 67202	Well #	F20
	Desc.	F20, 2 Stage with float equip
	Acct #	4020-05
Customer ID#	1038	

Job Date	7/10/2014
Lease Information	
Burkett F #20	
County	Greenwood
Foreman	KM

Item	Description	Qty	Terms	Net 30
			Rate	Amount
C102	Cement Pump-Longstring	1	1,050.00	1,050.00
C107	Pump Truck Mileage (one way)	15	3.95	59.25
C102	Cement Pump-Longstring	1	1,050.00	1,050.00
C201	Thick Set Cement	100	19.50	1,950.00T
C207	KolSeal	500	0.45	225.00T
C208	Pheno Seal	100	1.25	125.00T
C203	Pozmix Cement 60/40	250	12.75	3,187.50T
C206	Gel Bentonite	1,290	0.20	258.00T
C208	Pheno Seal	500	1.25	625.00T
C205	Calcium Chloride	430	0.60	258.00T
C108A	Ton Mileage (min. charge)	2	345.00	690.00
C113	80 Bbl Vac Truck	5	85.00	425.00
C224	City Water	3,300	0.01	33.00T
C776	5 1/2" DV Tool with Plugs	1	3,325.00	3,325.00T
C703	5 1/2" AFU Flapper Valve Insert	1	145.00	145.00T
C691	5 1/2" Guide Shoe	1	167.00	167.00T
C604	5 1/2" Cement Basket	1	225.00	225.00T
C504	5 1/2" Centralizer	8	48.00	384.00T

We appreciate your business!

Phone #	Fax #
620-583-5561	620-583-5524
E-mail	
rene@elitecementing.com	

Subtotal	\$14,181.75
Sales Tax (7.15%)	\$779.89
Total	\$14,961.64
Payments/Credits	\$0.00
Balance Due	\$14,961.64

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



**Cementing & Acidizing
 of Kansas, LLC**



Cement or Acid Field Report
 Ticket No. 1508
 Foreman Kevin McCoy
 Camp EUREKA

API # 15-073-24211

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
7-10-14	1038	BURKETT F #20	26	23S	10E	GW	Ks
Customer <u>CROSS BAR ENERGY</u>			Unit #	Driver		Unit #	Driver
Mailing Address <u>100 S. MAIN Ste 400</u>			104	ALAN M.			
			110	SHANNON F			
			141	RUDY M.			
City <u>WICHITA</u>	State <u>Ks</u>	Zip Code <u>67202</u>	Safety Meeting KM AM SF RM				

Job Type <u>Longstring</u>	Hole Depth <u>2290'</u>	Slurry Vol. <u>33 BBL Stage 1 78 BBL Stage 2</u>	Tubing _____
Casing Depth <u>2285' G.L.</u>	Hole Size <u>7 7/8</u>	Slurry Wt. <u>13.7 Stage 1 13.8 Stage 2</u>	Drill Pipe _____
Casing Size & Wt. <u>5 1/2</u>	Cement Left in Casing <u>0'</u>	Water Gal/SK <u>9.0</u>	Other _____
Displacement <u>38.5 BBL Stage 2</u>	Displacement PSI <u>Stage 1 400 PSI Stage 2 700 PSI</u>	Bump Plug to _____	BPM _____

Remarks: Safety Meeting: RAN 2285' 5 1/2 CASING = G.L. DV TOOL SET @ 1577' Below G.L. Stage #1. Rig up to 5 1/2 CASING. BREAK CIRCULATION w/ 15 BBL FRESH WATER. MIXED 100 SKS THICK SET CEMENT w/ 5" Kol-Seal / SK, 1" PhenoSeal / SK @ 13.7 #/GAL, yield 1.85 = 33 BBL SLURRY. WASH OUT PUMP & LINES. SHUT DOWN. RELEASE LATCH DOWN FLEX PLUG. DISPLACE PLUG TO SEAT w/ 56 BBL FRESH WATER. FINAL PUMPING PRESSURE 400 PSI. BUMP PLUG TO 1000 PSI. RELEASE PRESSURE, FLOAT HEID. DROP TRIP BOMB. WAIT 7 MINUTES. OPEN DV TOOL @ 1300 PSI. CIRCULATE EXCESS CEMENT OFF TOP OF DV TOOL w/ MUD PUMP = 10 BBL SLURRY TO PIT. CIRCULATE 2 HRS w/ MUD PUMP. Stage #2, BREAK CIRCULATION w/ 10 BBL FRESH WATER, MIXED 250 SKS 60/40 POZMIX CEMENT w/ 6% GEL, 2" PhenoSeal / SK, 2% CACL2 @ 12.8 #/GAL, yield 1.75 = 78 BBL SLURRY. WASH OUT PUMP & LINES. SHUT DOWN. RELEASE CLOSING PLUG. DISPLACE PLUG TO SEAT w/ 38.5 BBL FRESH WATER. FINAL PUMPING PRESSURE 700 PSI. CLOSE TOOL @ 1300 PSI. BUMP PLUG TO 1600 PSI. RELEASE PRESSURE, NO FLOW BACK, TOOL CLOSED. 12 BBL CEMENT SLURRY TO PIT. CENTRALIZERS ON *1,3,5,7,9,10,13,15 BASKET ON *16 DV TOOL TOP OF #17

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 102	1	Pump Charge Stage #1	1050.00	1050.00
C 107	15	Mileage	3.95	59.25
C 102	1	Pump Charge Stage #2	1050.00	1050.00
C 201	100 SKS	THICK SET CEMENT	19.50	1950.00
C 207	500 "	KOL-SEAL 5"/SK	.45 *	225.00
C 208	100 "	PhenoSeal 1"/SK	1.25 *	125.00
C 203	250 SKS	60/40 POZMIX CEMENT	12.75	3187.50
C 206	1290 "	GEL 6%	.20 *	258.00
C 208	500 "	PhenoSeal 2"/SK	1.25 *	625.00
C 205	430 "	CACL2 2%	.60 *	258.00
C 108 A	16.25 TONS	Ton Mileage BULK TRUCKS X 2	M/C X 2	690.00
C 113	5 HRS	80 BBL VAC TRUCK	85.00	425.00
C 224	3300 GALS	CITY WATER	10.00 / 1000	33.00
C 776	1	5 1/2 DV TOOL (STAGE COLLAR) w/ PLUGS	3325.00	3325.00
C 703	1	5 1/2 AFU FLAPPER VALVE INSERT	145.00	145.00
C 691	1	5 1/2 Guide Shoe	167.00	167.00
C 604	1	5 1/2 Cement BASKET	225.00	225.00
C 504	8	5 1/2 x 7 7/8 CENTRALIZERS	48.00	384.00
			Sub Total	14,181.75
			Sales Tax	779.89

Authorization witnessed By ALBERT BRENSING Title Partner Total 14,961.64

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.