

Confidentiality Requested:

Yes No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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 Geologist Report / Mud Logs <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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
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>	PRODUCTION INTERVAL: Top _____ Bottom _____
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Cross Bar Energy, LLC
Well Name	BURKETT E 51
Doc ID	1434048

All Electric Logs Run

Bore Hole Profile
Compensated Density Neutron PE
Dual Induction
Micro
Resistivity Density Neutron
Sonic Cement Bond
Sonic

Elite Cementing & Acidizing of KS, LLC
 810 E 7th, PO Box 92
 Eureka, KS 67045



Date	Invoice #
11/29/2018	3787

Bill To
Cross Bar Energy, LLC 1700 N. Waterfront Pkwy Bldg. 300, Suite A Wichtia, KS 67206-6614

Job Date	11/28/2018
Lease Information	
Burkett E-51	
County	Greenwood
Foreman	SM

Customer ID#	1038
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Item	Description	Qty	Terms	Net 15
			Rate	Amount
C101	Cement Pump-Surface	1	890.00	890.00
C107	Pump Truck Mileage (one way)	15	4.20	63.00
C200	Class A Cement-94# sack	120	15.75	1,890.00T
C205	Calcium Chloride	335	0.63	211.05T
C206	Gel Bentonite	225	0.21	47.25T
C108A	Ton Mileage (min. charge)	1	365.00	365.00
D101	Discount on Services		-65.90	-65.90
D102	Discount on Materials		-107.42	-107.42T

Lease: BURKE 1
 Well #: _____
 Desc: ESI; Cement Surface
CSG
 Acct #: 4010-25

We appreciate your business!

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

Send payment to:
 Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045

Subtotal	\$3,292.98
Sales Tax (7.5%)	\$153.07
Total	\$3,446.05
Payments/Credits	\$0.00
Balance Due	\$3,446.05

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



Cement or Acid Field Report
Ticket No. 3787
Foreman Steve Mead
Camp Eureka

API 15-073-24242

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
11-28-18	1038	BURKETT E-51	23	23	15E	GREENWOOD	KS
Customer Cross Bar Energy, LLC			Unit # 105		Driver Jason		Unit #
Mailing Address 1700 N. WATERFRONT PKWY Bldg 300 SW			Unit # 114		Driver Caleb		Driver
City Wichita			State KS		Zip Code 67206		

Job Type Surface Hole Depth 214' Slurry Vol. _____ Tubing _____
Casing Depth 209 Hole Size 12 1/2" Slurry Wt. _____ Drill Pipe _____
Casing Size & Wt. 8 5/8" Cement Left in Casing 15' Water Gal/SK _____ Other _____
Displacement 12 bbls Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: SAFETY MEETING: Rig up to 8 5/8" casing. Break circulation w/ Fresh water.
ADD 120 SKS CLASS A CEMENT w/ 3% CaCl2, 2% Gel. Displace w/ 12 bbls
Fresh water. Shut well in. Good cement return to surface. 5 bbls to
Pit. Job complete. Rig down

Thank you

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	890.00	890.00
C107	15	Mileage	4.20	63.00
C200	120 SKS	CLASS A CEMENT	15.75	1890.00
C205	335 #	CaCl2 3%	.63	211.05
C206	225 #	Gel 2%	.21	47.25
C108A	5.64 ton	Ten Mileage Bulk Truck	M/C	365.00
			Sub Total	3466.30
			750% Sales Tax	111.12
Authorization <u>Dave Farthing</u> Title <u>Tool Pusher</u>			Total	3627.42

390 Discount
<181.31>
\$ 3446.05

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 & Acidizing of KS, LLC
 810 E 7th, PO Box 92
 Eureka, KS 67045



Date	Invoice #
12/5/2018	4257

Bill To		BURKE	
Cross Bar Energy, LLC 1700 N. Waterfront Pkwy Bldg. 300, Suite A Wichita, KS 67206-6614		Well #	ESI
		Desc	ESI - 2 Stage with Float Equip
Customer ID#	1038		4020-05

Job Date	12/4/2018
Lease Information	
Burkett E #51	
County	Greenwood
Foreman	KM

Item	Description	Qty	Terms	Net 15
			Rate	Amount
C102	Cement Pump-Longstring	1	1,100.00	1,100.00
C107	Pump Truck Mileage (one way)	15	4.20	63.00
C102	Cement Pump-Longstring	1	785.00	785.00
C201	Thick Set Cement	125	20.50	2,562.50T
C207	KolSeal	625	0.47	293.75T
C208	Pheno Seal	250	1.30	325.00T
C203	Pozmix Cement 60/40	250	13.40	3,350.00T
C206	Gel Bentonite	1,290	0.21	270.90T
C208	Pheno Seal	500	1.30	650.00T
C205	Calcium Chloride	430	0.63	270.90T
C108A	Ton Mileage (min. charge)	2	365.00	730.00
C113	80 Bbl Vac Truck	4	90.00	360.00
C224	City Water	3,300	0.01	33.00T
C776	5 1/2" DV Tool with Plugs	1	3,490.00	3,490.00T
C604	5 1/2" Cement Basket	2	236.00	472.00T
C504	5 1/2" Centralizer	6	50.00	300.00T
C661	5 1/2" AFU Float Shoe	1	309.00	309.00T
		1	0.00	0.00
D101	Discount on Services		-151.90	-151.90
D102	Discount on Materials		-616.35	-616.35T

We appreciate your business!

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

Send payment to:
 Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045

Subtotal	\$14,596.80
Sales Tax (7.5%)	\$878.30
Total	\$15,475.10
Payments/Credits	\$0.00
Balance Due	\$15,475.10

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



Cement or Acid Field Report
 Ticket No. 4257
 Foreman Kevin McCoy
 Camp EUREKA

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
12-4-18	1038	Burkett E #51	23	23S	10E	SW	Ks
Customer <u>Cross Bar Energy</u>			Safety Meeting KM AM CG JH SM	Unit #	Driver	Unit #	Driver
Mailing Address <u>100 S. MAIN StE 400</u>				104	ALAN M.		
City <u>Wichita</u>				112	CALB G.		
State <u>Ks</u>				115	JASON H.		
Zip Code <u>67202</u>				145	Steve M.		

Job Type Logging Hole Depth 2320' G.L. Slurry Vol. 41 BBL Stage #1 Tubing _____
 Casing Depth 2298' G.L. Hole Size 7 7/8" Slurry Wt. 12.8 - 13.7 Drill Pipe _____
 Casing Size & Wt. 5 1/2" 15.50 Cement Left in Casing 0' Water Gal/SK _____ Other _____
 Displacement 35.3 BBL Stage 2 Displacement PSI 600 Stage 1 & 2 Bump Plug to _____ BPM _____

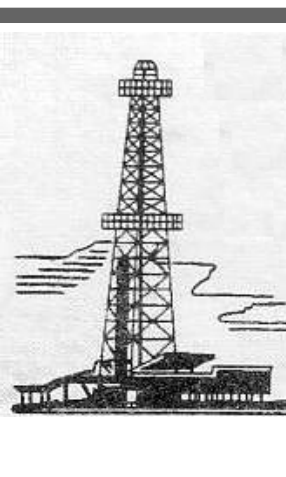
Remarks: Safety Meeting: 5 1/2" 15.50 Casing Set @ 2298' G.L. DV Tool Set @ 1446.75' Below G.L. Stage #1 Rig up to 5 1/2 Casing. Break Circulation w/ 15 BBL fresh water. Mixed 125 SKS THICK Set Cement w/ 5" Kol-Seal/SK, 2" PhenoSeal/SK @ 13.7" gal yield 1.85 = 41 BBL Slurry, wash out pump & lines. Shut down. Release Latch down Flex Plug. Displace Plug to Seat w/ 56.5 BBL fresh water. Final Pumping Pressure 600 PSI. Bump Plug to 1200 PSI. Release Pressure, Float Held. Drop Trip Bomb, wait 5 mins. Open DV Tool @ 1000 PSI. Circulate Excess Cement off Top of DV Tool w/ mud pump = 10 BBL to Pit. Circulate 1.5 Hrs. Stage #2 Break Circulation w/ 10 BBL water. Mixed 250 SKS 60/40 Pozmix Cement w/ 6% Gel, 2" PhenoSeal/SK, 2% CADZ @ 12.8" gal yield 1.68 = 75 BBL Slurry, wash out pump & lines. Shut down. Release Closing Plug. Displace Plug to Seat w/ 35.3 BBL water. Final Pumping Pressure 600 PSI. DV Tool Closed @ 1000 PSI. Bump Plug to 1500 PSI. Release Pressure No Flow Back. Tool Closed. 7 BBL Cement Slurry to Pit. Job Complete. Rig down.

CENTRALIZERS ON #1, 3, 4, 5, 6, 19 BASKETS ON TOP OF #6, 19 D.V. TOOL ON TOP OF #20

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 102	1	Pump Charge Stage #1	1100.00	1100.00
C 107	15	Mileage	4.20	63.00
C 102	1	Pump Charge Stage #2	785.00	785.00
C 201	125 SKS	THICK Set Cement	20.50	2562.50
C 207	625 "	Kol-Seal 5"/SK	.47	293.75
C 208	250 "	PhenoSeal 2"/SK	1.30	325.00
C 203	250 SKS	60/40 Pozmix Cement	13.40	3350.00
C 206	1290 "	Gel 6%	.21	270.90
C 208	500 "	PhenoSeal 2"/SK	1.30	650.00
C 205	430 "	CADZ 2%	.63	270.90
C 108 A	17.63 TONS	TON Mileage BULK TRUCKS X 2	M/C X 2	730.00
C 113	4 Hrs	80 BBL VAC TRUCK	90.00	360.00
C 224	3300 gals	City water	10.00/1000	33.00
C 776	1	5 1/2 DV TOOL (Stage COLLAR) w/ Plugs	3490.00	3490.00
C 604	2	5 1/2 Cement BASKETS	236.00	472.00
C 504	6	5 1/2 x 7 7/8 Centralizers	50.00	300.00
C 661	1	5 1/2 AFU float shoe w/ LATCH down	309.00	309.00
			Sub Total	15365.05
			Less 5%	2814.48
			7.5% Sales Tax	984.53

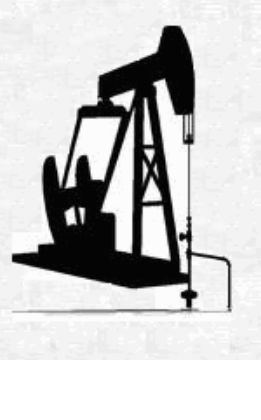
Authorization Witnessed By Stuart Woodr Title Cross Bar Co. Rep. Total 15415.10

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.



WELLSITE GEOLOGIST'S REPORT

VERNON C. SCHRAG
CONSULTANT GEOLOGIST



Scale 1:240 (5"=100') Imperial

Well Name: **BURKETT 'E' #51**
 Location: **SE SE NW SW SEC. 23-23S-10E**
 Licence Number: **API: 15-073-24242**
 Spud Date: **November 27, 2018**
 Surface Coordinates: **1525' FSL & 4200' FEL**

Region: **Greenwood Co., KS**
 Drilling Completed: **December 3, 2018**

Bottom Hole Coordinates: **Vertical Hole Measured from GL**
 Ground Elevation (ft): **1291'** K.B. Elevation (ft): **1297'**
 Logged Interval (ft): **1400'** To: **RTD** Total Depth (ft): **2318'**
 Formation: **Mississippian**
 Type of Drilling Fluid: **Chemical Premix (Displaced)**

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

OPERATOR:

Company: **CROSS BAR ENERGY, LLC**
 Address: **1700 N. Waterfront Parkway**
Bldg. 300, Suite A
Wichita, KS 67206

DRILLING CONTRACTOR:

Three Rivers Exploration Co., Rig #1

CASING:

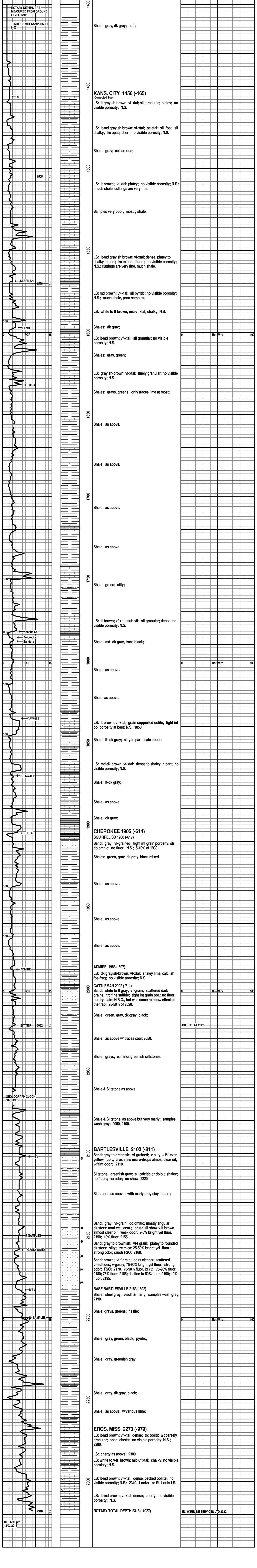
8-5/8" at 209' GL

COMMENTS:

Due to favorable shows of oil & gas found in the lower Bartlesville section the decision was made to set production casing for further testing.

DRILL STEM TESTS:

None.



RTD 6:39 pm
12/03/2018

ELI WIRELINE SERVICES LTD 2320.