Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1237115

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 # 4175
Name: Dvorachek, Harold A. dba Quest Development Co.
Address 1: PO BOX 413
Address 2:
City: IOLA State: KS Zip: 66749 + 0413
Contact Person: Hal Dvorachek
Phone: (620) 625-2229
CONTRACTOR: License # 34953
Name: King, Andrew D.
Wellsite Geologist: none
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 #:

08/01/2014	08/04/2014	08/29/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-031-23925-00-00
Spot Description:
SW SW NW SW Sec. 27 Twp. 22 S. R. 17 ☑ East ☐ West
1485 Feet from ☐ North / ☑ South Line of Section
165 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Coffey
Lease Name: Lehmann A Well #: 4
Field Name: Parmely
Producing Formation: Squirrel Sand
Elevation: Ground: 1055 Kelly Bushing: 1059
Total Vertical Depth: 1040 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 40 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 1033
feet depth to: 0 w/ 120 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 100 ppm Fluid volume: 120 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Watts Tank Truck Service
Lease Name: Gilbert Mitchel License #: 34724
Quarter SW Sec. 3 Twp. 24 S. R. 12 ☑ East ☐ West
County: Greenwood Permit #: 15-2289180

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:** Naomi James **Date:** 01/13/2015

1237115

Operator Name: Dvorachek, Harold A. dba Quest Development Co. Lease Name: Lehmann A Well #: 4

Sec. 27 Twp. 22 S. R. 17 ☑ East ☐ West County: Coffey

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 (Attach Additional Sheets) ☐ Yes ☑ No

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Gamma Neutron

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Cherokee Shale	938	+117

CASING RECORD ☐ New ☑ 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
Surface Casing	11.25	7	17	40	Portland	10	
Production Casing	5.875	2.875	6.5	1033	OWC	120	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ 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 *(Amount and Kind of Material Used)*	Depth
3	977-984	75 gal 15% HCL, 300# 16/30 sand	
		3700# 12/20 sand	

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 09/05/2014

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0		24		26

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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. **1546**
Foreman Steve Mead
Camp Eureka

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
8-4-14		Lehmann A #4				Coffey	KS

Customer	Safety Meeting	Unit #	Driver	Unit #	Driver
Quest Development		102	Chris B		
Mailing Address		110	Joey		
P.O. Box 413		141	Russ McCoy		
City / State / Zip Code					
Iola / Ks / 66749					

Job Type L/S — Hole Depth 1040 — Slurry Vol. — Tubing 2 7/8
Casing Depth 1033' — Hole Size — Slurry Wt. — Drill Pipe
Casing Size & Wt. — Cement Left in Casing — Water Gal/SK — Other
Displacement 6 bbls — Displacement PSI 400# — Bump Plug to 900# — BPM

Remarks: SAFTY Meeting. Rig up to 2 7/8 Tubing. Break Circulation W/ Fresh water. Pump 300# Gel Flush. Circulate Gel around W/ Pit water. MAIX 120SKS OWC Cement W/ 1# phenoseal per/SK. Shut down Washout pump+Line. STUFF 2 plug. Displace W/ 6 bbls Fresh water. Final pumping Pressure 400# Bump plug 900# Release Pressure. Plug held. Good Cement Returns to surface. 6bbl to Pit Shut well W/ 0# Job Complete Rig down

Thank you!

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C102	1	Pump Charge	1050.00	1050.00
C107	50	Mileage	3.95	197.50
C202	120sks	OWC Cement	19.15	2298.00
C208	120#	1# phenoseal per/SK	1.25	150.00
C206	300#	Gel Flush	.20	60.00
C108B	6.24	Ton mileage Bulk Truck	1.35	421.20
C401	2	2 7/8 Top Rubber Plug	28.00	56.00
C113	4 hrs	80 bbl Vac Truck	85.00	340.00
C224	3000gal	City water	10.00/1000	30.00
			Sub Total	4602.70
		6.15%	Sales Tax	159.53

Authorization J. Durnell Title — Total 4762.23

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.

Mud Rotary Drilling
Andrew King - Manager/Driller

Bar Drilling, LLC

Phone: (719) 210-8806

1317 105th Rd.
Yates Center, KS 66783

Company/Operator	Well No.	Lease Name	Well Location	1/4	1/4	1/4	Sec.	Twp.	Rge,
Quest Development Co.	4	Lehmann A	2000' fnl, 1560 sel	NE	SE	SW	33	22s	17e
P.O. Box 413	Well API #	Type/Well	County	State	Total Depth		Date Started	Date Completed	
Iola, KS 66749	15-031-23931	Oil	Coffee	KS	1040'		8/1/2014	8/4/2014	

Job/Project Name/No.	Surface Record		Bit Record				Coring Record				
			Type	Size	From	To	Core #	Size	From	To	% Rec.
Driller/Crew	Bit Size:	11 1/4	PDC	11 1/4	0'	40'					
Andy King	Casing Size:	7"	PDC	5 7/8"	40'	1040'					
Charlie King	Casing Length:	40'									
Damian King	Cement Used:	8 sx									
	Cement Type:	Portland									

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation
0	27	Overburden shale	977	979	oil sand			
27	133	lime	979	981	oil sand			
133	177	shale	981	983	oil sand			
177	201	lime	983	985	Broken sand			
201	247	shale	985	1018	shale			
247	354	lime	1018	1020	lime			
354	414	shale	1020	1040	shale			
414	430	lime						
430	433	red shale						
433	451	KC lime						
451	580	shale						
580	750	shale/lime						
750	770	lime						
770	783	shale						
783	848	lime						
848	873	shale						
873	880	lime						
880	884	shale				Well Notes:		
884	894	lime				ran 1033' 2 7/8" casing		
894	899	shale						
899	967	lime						
967	968	cap rock						
968	976	shale						
976	977	lime						