

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 Recompletion Date \_\_\_\_\_ 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](mailto: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
--	---

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
---	---	------------------------------------

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:	
----------------	-------	---------	------------	--



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1077

Date	11-30-18	Sec.	9	Twp.	11	Range	15	County	Russell	State	KS	On Location	Finish	4:45 AM	
Lease								Location		Cochran 1/2 N E 1/4 Black Top E to 177					
Well No. 11								Owner 1/2 N E into							
Contractor Royal #2								To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Type Job Surface								Charge To Benexo KCS							
Hole Size 12 1/4				T.D. 296				Street							
Csg. 8 5/8				Depth 295				City State							
Tbg. Size				Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Tool				Depth				Cement Amount Ordered 80/20, 3-1/2 2-6EL							
Cement Left in Csg. 10'				Shoe Joint											
Meas Line				Displace 183L											
<b>EQUIPMENT</b>												Common 190			
Pumptrk 17		No.		Cementer		Helper		Poz. Mix							
Bulktrk		No.		Driver		Driver		Gel. 3							
Bulktrk 9		No.		Driver		Driver		Calcium 7							
<b>JOB SERVICES &amp; REMARKS</b>												Hulls			
Remarks:												Salt			
Rat Hole												Flowseal			
Mouse Hole												Kol-Seal			
Centralizers												Mud CLR 48			
Baskets												CFL-117 or CD110 CAF 38			
D/V or Port Collar												Sand			
8 5/8 on Bottom Est. Circulation												Handling 200			
Mix 190 SK & Displace												Mileage			
<b>Cement Circulated!</b>												<b>FLOAT EQUIPMENT 8 5/8 Swage</b>			
<div style="font-size: 2em; opacity: 0.5; pointer-events: none;">             Quality Oilwell Cementing           </div>												Guide Shoe			
												Centralizer			
												Baskets			
												AFU Inserts			
												Float Shoe			
Latch Down												Pumptrk Charge Surface			
Mileage 25												Tax			
												Discount			
Signature Chad E. Farmer												Total Charge			

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1154

Date	12-6-18	Sec.	9	Twp.	11	Range	15	County	Russell	State	KS	On Location		Finish	11:30 PM
------	---------	------	---	------	----	-------	----	--------	---------	-------	----	-------------	--	--------	----------

Location *Graham-IE, N to End of Bktop, 3N to Curve*

Lease	<i>Lebow</i>	Well No.	<i>11</i>	Owner	<i>1/2 E, 1/2 N, E + N to Rig</i>
Contractor	<i>Royal</i>	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Type Job	<i>Bottom Stage</i>	Charge To	<i>Berexco</i>		
Hole Size	<i>7 7/8"</i>	T.D.	<i>3675'</i>		
Csg.	<i>5 1/2" 14# New</i>	Depth	<i>3667'</i>		
Tbg. Size		Depth			
Tool	<i>DU Tool</i>	Depth	<i>1124'</i>	The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg.	<i>84.84'</i>	Shoe Joint	<i>84.84'</i>	Cement Amount Ordered <i>125 60/40 Light 225 Com 2 1/2 Gal</i>	
Meas Line		Displace	<i>87.40 BLS</i>	<i>10% Salt, 5% Gilsomite</i>	

**EQUIPMENT**

Pumptrk	<i>16</i>	No.		Cementer	<i>David</i>	Helper	<i>Rick</i>	Common
Bulktrk	<i>9</i>	No.		Driver	<i>Tony</i>			Poz. Mix
Bulktrk	<i>15</i>	No.		Driver	<i>Glenn</i>			Gel.
				Driver				Calcium

**JOB SERVICES & REMARKS**

Remarks:		Hulls
Rat Hole		Salt
Mouse Hole		Flowseal
Centralizers	<i># 3 on bottom, # 3 Top 5, 6, 8, 11, 12, 13, 1, 15, 17</i>	Kol-Seal
Baskets	<i>61, 63 / Cents 18, 19, 21, 22</i>	Mud CLR 48
DM or Port Collar	<i>1124' # 67</i>	CFL-117 or CD110 CAF 38
Pipe on bottom, break Circulation		Sand
Mix <i>125 60/40, 225 Com 2 1/2 Gal</i>		Handling
<i>10% Salt 5% Gilsomite. Shut down</i>		Mileage

**FLOAT EQUIPMENT**

<i>wash pump + line Released plug</i>		Guide Shoe	<i>DU Tool w/ latch down</i>
<i>+ Displaced w/ 87.40 BLS of 10% Released + held</i>		Centralizer	<i>18</i>
<i>Lift pressure 1100 #</i>		Baskets	<i>2</i>
<i>Land plug to 2000 #</i>		AFU Inserts	<i>1 - Limit Clamp</i>
<i>Drop dart open tool 600 #</i>		Float Shoe	
<i>Break Circulation</i>		Latch Down	
		Pumptrk Charge	
		Mileage	

X Signature	<i>Jim Hayward</i>	Tax	
		Discount	
		Total Charge	

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1155

Date	12-7-18	Sec.	9	Twp.	11	Range	15	County	Russell	State	Ks	On Location		Finish	2:45 AM
Lease	Lebow		Well No.		11		Location		Gocham 1E N to End of Bk top, 3N to Curve						
Contractor	Royal #2		Owner		1/2 N, E+N to Rig										
Type Job	Top Stage		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.												
Hole Size	7 7/8"		T.D.	3675'		Charge To	Borexco								
Csg.	5 1/2" 14# New		Depth	3667'		Street									
Tbg. Size			Depth			City	State								
Tool	D.U. Tool		Depth	1124'		The above was done to satisfaction and supervision of owner agent or contractor.									
Cement Left in Csg.			Shoe Joint			Cement Amount Ordered	325 60/40 light Yu# Flusea								
Meas Line			Displace	27.40 BLS											
<b>EQUIPMENT</b>															
Pumptrk	16	No.	Cementer	David		Common									
			Helper			Poz. Mix									
Bulktrk	9	No.	Driver	Tony		Gel.									
			Driver			Calcium									
Bulktrk	PH	No.	Driver	Rick		Hulls									
			Driver			Salt									
<b>JOB SERVICES &amp; REMARKS</b>															
Remarks:															
Rat Hole	30 sx														
Mouse Hole	15 sx														
Centralizers	pipe on bottom, break Circulate														
Baskets	pump 30 sx in Rathole, pump														
D/V or Port Collar	15 sx in mousehole, Hook to 5 1/2" casing + pump 280 sx														
	Cement shut down, wash pump + lines. Displaced plug w/ 27.40 BLS H2O. Released + held.														
	Lift + pressure 800 #														
	Closed tool w/ 1800 #														
	Cement did Circulate														
<b>FLOAT EQUIPMENT</b>															
	Guide Shoe														
	Centralizer														
	Baskets														
	AFU Inserts														
	Float Shoe														
	Latch Down														
	Pumptrk Charge														
	Mileage														
	Tax														
	Discount														
	Total Charge														
X Signature	Jon Hayward														

**JERRY A. SMITH**  
 CERTIFIED PETROLEUM GEOLOGIST

**GEOLOGIST'S REPORT**  
 DRILLING TIME and SAMPLE LOG

COMPANY: BEREXCO, LLC  
 LEASE: LEBOW #11X  
 LOCATION: C-NW-NW  
 COUNTY: RUSSELL

FIELD: FAIRBROT  
 SEC. 9  
 TWP. 11  
 COUNTY: RUSSELL

CONTRACTOR: RO VAL DRUG  
 SUD. 1/18/18  
 RFD. 3675  
 MUD U.P. 3:400

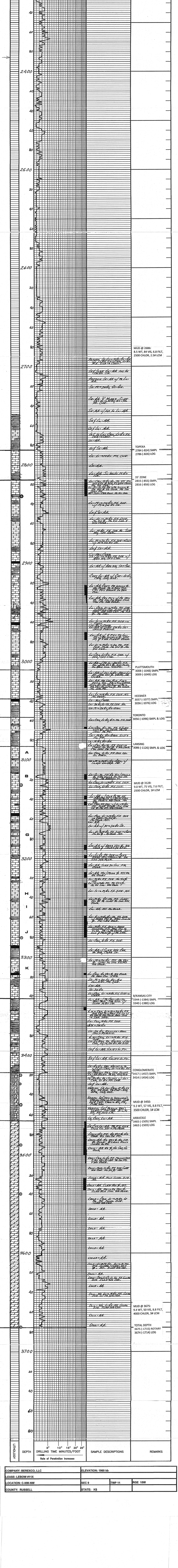
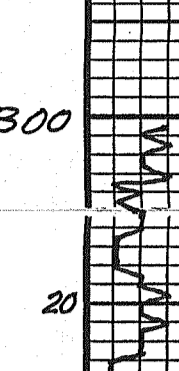
APL No. 15-167-24065  
 DRILLING TIME KEPT FROM: 2300  
 SAMPLES EXAMINED FROM: 2700  
 GEOLOGICAL SUPERVISOR FROM: 2322  
 GEOLOGIST ON WELL: JERRY A. SMITH

FORMATION TOPS LOG  
 ANHYDRITE 1048 (-915)  
 TOPPEKA 2784 (-824)  
 35' ZONE 2815 (-855)  
 PLATTSMOUTH 3008 (-1048)  
 HEBBNER 3037 (-1077)  
 TORONTO 3056 (-1086)  
 LANSING 3086 (-1126)  
 B/KANSAS CITY 3344 (-1384)  
 CONGLOMERATE 3414 (-1454)  
 ARBUCKLE 3465 (-1503)

SAMPLES  
 2784 (-824)  
 2815 (-855)  
 3008 (-1048)  
 3037 (-1077)  
 3056 (-1086)  
 3086 (-1126)  
 3344 (-1384)  
 3414 (-1454)  
 3465 (-1503)

ELEVATIONS  
 D.F. 1960  
 G.L. 1983  
 Measurements Are All From:  
 KB

**LEGEND**



COMPANY: BEREXCO, LLC	ELEVATION: 1960 kb		
LEASE: LEBOW #11X	SEC 9	TWP 11	RGE 15W
LOCATION: C-NW-NW	STATE: KS		
COUNTY: RUSSELL			