

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](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
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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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# 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. 191

Date	6-19-17	Sec.	211	Twp.	14	Range	14	County	Russell	State	Ks	On Location		Finish	2:45 PM
Lease	Dumler							Location	Russell 5 to Plymouth Rd, 1 1/4 E						
Well No.	19							Owner	3/4/17						
Contractor	Express Well Service							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	5 1/2" x 7" Liner							Charge To	R P Nixon						
Hole Size	T.D.							The above was done to satisfaction and supervision of owner agent or contractor.							
Csg.	5 1/2" 15.9'							Depth	22' 99'						
Tbg. Size	Depth							City	State						
Tool	Depth							Cement Amount Ordered 200 80% 3+2							
Cement Left in Csg.	Shoe Joint							Displace 54 3/4 B/S							
Meas Line	EQUIPMENT							Common							
Pumptrk	18	No.	Cementer	Helper				Trent							
Bulktrk	3	No.	Driver	Driver				Tommy							
Bulktrk	pu	No.	Driver	Driver				Rit							
JOB SERVICES & REMARKS							Hulls								
Remarks:	Lined 5 1/2" casing + established a blue mix							Salt							
Rat Hole	150 50 80/20 3+2							Flowseal							
Mouse Hole	Shut down wash pump							Kol-Seal							
Centralizers	+ 1200 Released 1/12 1"							Mud CLR 48							
Baskets	Displaced with 54 3/4 B/S							CFL-117 or CD110 CAF 38							
D/V or Port Collar	Released + all cement							Sand							
Circuit case							Handling								
Sounding							Mileage								
Backfill + mix 10% cement							FLOAT EQUIPMENT								
Shut in							Guide Shoe								
1 inch + rounded							Centralizer								
Used 160 cement							Baskets								
							AFU Inserts								
							Float Shoe								
							Latch Down Rubber plug								
							Pumptrk Charge								
							Mileage								
							Tax								
							Discount								
							Total Charge								
X Signature															

J O H N S. M I L L E R, JR.  
412 Union Center  
Wichita, Kansas

September 27, 1965

John C. Graves, et al.  
Dumler No. 19  
NW SE NW  
Section 24-14S-14W  
Russell County, Kansas

Elevation: 1798 feet, Rotary Bushing (depth datum)  
1796 feet, Derrick Floor

Commenced: September 18, 1965  
Completed: September 24, 1965  
Contractor: Graves Drilling Co., Inc.

DV Tool at 2438 feet cemented to top  
7" casing set at 2981 feet with 140 sacks cement

### G E O L O G I C A L R E P O R T

The following are the geologic markers in the subject well, as determined from sample examination:

Tarkio Sand Section	2328 (- 530)
Howard	2591 (- 793)
Topeka	2651 (- 853)
Heebner	2880 (-1082)
Toronto	2899 (-1101)
Lansing	2943 (-1145)
RTD	3015 (-1217)

Shows of oil are as follows:

#### Tarkio Sands

2328 - 2336 Fine grain micaceous sand with spotted saturation.  
2346 - 2353 Sand as above, with more even oil staining.  
2368 - 2383 Very fine grained sand with good staining.

A fair odor was reported throughout the Tarkio sand interval.

The sands in the Tarkio when corrected to the electric log, should be perforated before abandonment of this well.

Topeka

- 2652 - 2657 Spotted stain and very faint odor in tight, chalky oolitic limestone. No free oil. Not considered commercial.
- 2846 - 2875 Three pits of mud were lost in this interval, and as a result no cuttings were available for examination. This zone carries a show in other wells on the lease, and it is recommended for perforation before abandonment.

Toronto

- 2901 - 2905 No samples recovered as well as still losing circulation from basal Topeka zone, but does produce oil in the off-set well. It is therefore recommended for perforation before abandonment.

Lansing

- 2943 - 2957 At 2943 feet the bit dropped 2½ feet in less than one second, and three pits of mud were lost. After circulation was regained, the balance of the interval to 2957 feet drilled one and two minutes to the foot with almost no weight on the bit, and only 100# pump pressure. This zone drilled very rough, with the bit hanging and back lashing. The few cuttings recovered were hard buff limestone on one side, and large dolomite crystals on the other, as might appear in a fracture. It is thought that this zone is a fracture, or fissure, and might run for several miles. If so, production from this interval should be very good. A strong odor and free oil was noted throughout the zone.

No drill stem tests were taken, and 7" production casing was run at 2981 feet to evaluate the above-described shows.

Respectfully submitted,

*John S. Miller, Jr.*  
John S. Miller, Jr.

Dumler No. 19 - Page 3

2250 - 2260 1,2,1,2,2,-3,2,3,3,2,  
 70 2,2,2,1,2,-1,1,1,1,2,  
 80 2,1,2,2,2,-2,2,1,2,2,  
 90 2,3,3,2,3,-2,2,2,2,2,  
 2300 2,1,2,2,1,-2,2,1,1,2,

2300 - 2310 2,2,1,1,2,-2,2,1,2,2,  
 20 1,2,2,2,2,-3,2,2,2,2,  
 30 3,2,2,2,2,-2,2,1,1,1,  
 40 1,1,1,1,2,-2,1,3,3,2,  
 50 1,2,2,1,1,-1,1,1,1,1,  
 60  $\frac{1}{2}, \frac{1}{2}, 1, 1, 1, -1, 1, 1, 1, 1,$   
 70 1,1,1,1,2,-1,1,1,1,2,  
 80 1,1,1,1,1,-1,1,1,1,1,  
 90 1,1,1,2,3,-3,3,3,3,3,  
 2400 2,2,2,2,3,-1,2,1,2,2,

2400 - 2410 1,1,1,1,1,-1,1,1,1,1,  
 20 1,1,1,1,1,-1,2,1,1,1,  
 30 1,1,2,1,2,-1,2,1,1,1,  
 40 1,2,1,1,1,-1,1,1,2,1,  
 50 1,1,2,1,1,-1,1,3,2,2,  
 60 2,2,2,2,3,-2,3,2,3,2,  
 70 3,3,2,2,3,-1,1,2,1,2,  
 80 1,3,3,4,2,-3,2,2,1,1,  
 90 1,4,3,4,2,-3,3,2,2,1,  
 2500 2,1,2,3,3,-3,2,3,4,3,

2500 - 2510 2,3,2,2,2,-3,2,2,2,1,  
 20 2,1,2,2,2,-1,2,1,2,2,  
 30 3,3,2,3,3,-3,2,2,2,2,  
 40 3,3,2,2,1,-1,1,2,1,2,  
 50 2,1,1,1,1,-1,2,1,1,1,  
 60 1,2,1,3,2,-2,1,1,1,1,  
 70 1,1,1,1,1,-1,2,2,1,1,  
 80 2,1,2,1,2,-2,1,2,2,1,  
 90 2,2,2,1,2,-1,2,2,2,2,  
 2600 1,3,4,4,4,-2,3,3,2,2,

2600 - 2610 2,2,2,4,2,-2,3,2,1,2,  
 20 1,1,1,1,1,-2,2,2,2,2,  
 30 2,2,2,2,2,-1,2,2,2,2,  
 40 2,2,2,3,2,-1,1,1,1,1,  
 50 1,1,1,1,1,-1,1,1,1,1,  
 60 1,2,2,1,1,-1,2,2,2,2,  
 70 3,3,3,4,3,-2,4,3,3,2,  
 80 3,3,1,2,2,-2,2,2,3,3,  
 90 2,3,3,3,3,-4,5,3,4,4,  
 2700 3,3,3,2,2,-3,3,4,4,4,

Circulate for samples @ 2660'

2700 - 2710 4,4,5,2,3,-3,5,4,4,3,  
 20 3,4,4,5,4,-4,5,4,4,4,  
 30 4,4,4,5,3,-2,3,3,4,5,  
 40 5,6,6,5,6,-4,5,6,4,3,  
 50 4,6,5,3,3,-2,2,2,2,3,  
 60 2,5,5,2,3,-3,2,2,2,1,  
 70 2,1,3,3,3,-3,3,3,3,3,  
 80 2,3,3,2,3,-2,3,3,3,3,  
 90 4,3,3,4,3,-5,3,3,2,2,  
 2800 1,2,3,3,4,-5,3,5,4,4,

Circulate for samples @ 2735'

2800 - 2810 3,2,2,5,3,-3,4,4,3,4,  
 20 4,3,5,8,5,-5,5,7,6,5,  
 30 5,6,3,5,6,-5,8,8,8,5,  
 40 7,5,5,5,5,-6,5,4,4,4,  
 50 4,4,6,6,6,-4,3,2,3,2,  
 60 1,2,2,2,2,-2,1,3,2,4,  
 70 2,2,2,3,3,-4,4,4,1,1,  
 80 2,3,3,3,5,-5,4,5,5,4,  
 90 2,1,1,1,4,-6,5,2,2,2,  
 2900 3,2,3,3,3,-2,3,3,3,5,

2900 - 2910 7,3,3,3,6,-7,7,5,3,4,  
 20 5,6,3,3,3,-2,2,3,2,1,  
 30 1,2,1,2,1,-1,2,1,2,1,  
 40 2,1,2,1,1,-2,1,2,1,2,  
 50 1,2,2,-,-,-3,2,3,3,3,  
 60 3,3,4,7,3,-2,3,6,4,5,  
 70 5,5,5,5,5,-6,9,4,3,5,  
 80 6,7,6,7,6,-7,6,7,5,4,  
 90 6,4,3,2,4,-4,3,5,5,6,  
 3000 6,6,6,6,7,-7,7,7,7,8,

Dropped 2½ feet

3000 - 3010 7,6,6,7,7,-7,7,6,4,5,  
 3015 4,4,8,7,6,

Total Depth 3015'