

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 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) (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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# *Brett's Consulting Service*

## Completions – Workovers – General Systems Setup

Brett Hildebrand 1104 Nixon Dr. Norton, Ks. 67654

Cell. - 785- 871- 7311

Office: 785- 877- 5331

Directions: **Scott City KS., 8 S. to 70 rd., 8 W. Cherokee RD., 2 S.,E. into**

1/06/16

Koehn #3-10 – MIRU Black Ops Well Serv. – TOH w/ rods & pump, rec. 45 gal. medium to hard paraffin – cleaned location & RO f/ tbg. – released AC & TOH w/ 134 jts. 2 7/8" tbg., AC, 15 jts., SN & perf. sub – called f/ steamers in a.m. – GW Oilfield Serv. moved in swab tank - RO working head & SDON. Est. cost = \$3,200

1/07/16

Koehn #3-10 – RU Heatwaves to steam tbg. – job 75% over with & started getting heavy rain – rig crew got hung up & pulled out – finished steaming & Heatwaves was able to make it out – waited 1 more hr. & rain not letting up, road impassable f/ perforators – not supposed to freeze overnight, SDOWE.

2 day est. cost = \$5,600

1/11/16

Koehn #3-10 – RU Perf Tech, tied into collars & shot LKC "I" 4204-12', 4" HEC @ 4spf w/ 39 gr. charges – RD loggers – Walker Tank delivered 80 bbl. wtr. & put in swab tank – TIH w/ 4 7/8" rock bit & scraper to 4893' w/ no trouble – TOH w/ scraper & bit – TIH w/ tools to iso. Altamont 4468-89', PKR @4432' – ran swab, 500' FIH, all oil, annulus dead – SDON. 3 day est. cost = \$12,150

1/12/16

Koehn #3-10 – Altamont 4468-89', PKR @4432' – ran swab, 200' FIH, all oil – 2<sup>nd</sup> run, 25' FIH – RU Pro Stim to treat w/ 1500 gal. 15% NE FE w/ 2% solvent – acid on bttm. = 1.27 BPM, vac., incr. to 2 BPM, 0# – w/ 9 out = 2 BPM, 0#, incr. to 3 BPM, 0# – w/ 13 out = 4 BPM, 40# – w/ 18 out = 4 BPM, 40# – w/ 23 out = 3.5 BPM, 350# – w/ 27 out = 3.2 BPM, 450#, slowed to 2.5 BPM, 400# – w/ 36 out = 2.7 BPM, 450# – ISIP = 450#, 10 sec. = vac. – let set 30 min., FL @3100' FS – swab dwn. to 30' FIH, rec. 19.72 of 63 bbl. load w/ trace of oil – let set 30 min. & was dry – let set 1 hr. & was dry – moved tools to iso. LKC "I" 4204-12', PKR @4170' – let set 1 hr., ran swab & had 500' FIH, all oil – test 1 hr. @ 2pph rec. .97 BTF, 120' FIH w/ 68% oil – SDON. 4 day est. cost = \$16,900

1/13/16

Koehn #3-10 - LKC "I" 4204-12', PKR @4170' - ran swab FL @2500' FS, 1670' FIH w/ 500' oil on top = 30% oil - swabbed dry in 3 runs, let set 30 min. & had 110' FIH w/ 27% oil - RU Pro Stim to spot 3 bbl. - let equal. & set PKR to treat w/ 350 gal. 15% MCA - acid on bttm. = loaded, 10 min. on VSV - w/ 2 out = 1/4 BPM, vac. - w/ 5 out = 1/4 BPM, vac. - w/ 8 out = 1/4 BPM, vac. - let set 30 min., FL @1300' FS - swab dwn. to 180' FIH, rec. 41.76 BTF, 8.26 bbl. over load w/ 80% oil - start test:  
1<sup>st</sup> hr. @4pph rec. 8.41 BTF, 360' FIH w/ 63% oil  
2<sup>nd</sup> hr. @4pph rec. 8.41 BTF, 360' FIH w/ 78% oil  
3<sup>rd</sup> hr. @4pph rec. 8.12 BTF, 360' FIH w/ 68% oil - released PKR to clear acid off ann. - reset PKR & made 3 runs - SDON. 5 day est. cost = \$20,790

1/14/16

Koehn #3-10 - "I" 4204-12', PKR @4170' - ran swab FL @1800' FS, 2370' FIH w/ 2,000' oil on top = 84% oil - swab dwn. to 250' FIH, rec. 31 BTF w/ 60% oil - RU Pro Stim to retreat w/ 1,000 gal. 15% NE FE acid w/ 2% musol - acid on bttm. = 1.33 BPM, vac. - w/ 2.25 bbl. out = .66 BPM, vac. - w/ 4 out = .71 BPM, vac. - w/ 8 out = .57 BPM, vac. - w/ 11 out = .47 BPM, vac., kicked in centrifugal pump to have gauge register - w/ 12 out = loaded, .62 BPM, 10# - w/ 16 out = .47 BPM, 20# - w/ 24 out = .43 BPM, 20# - ISIP = vac. - let set 30 min., FL @1600' FS - swab dwn. to 500' FIH, rec. 52.78 BTF, 3.61 bbl. over load w/ 60% oil - start test:  
1<sup>st</sup> hr. @4pph rec. 13.92 BTF, 600' FIH w/ 46% oil  
2<sup>nd</sup> hr. @4pph rec. 15.08 BTF, 600' FIH w/ 50% oil  
3d hr. @4pph rec. 13.34 BTF, 625' FIH w/ 46% oil - SDON. 6 day est. cost = \$25,170

1/15/16

Koehn #3-10 - "I" 4204-12', PKR @4170' - ran swab FL @1800' FS, 2370' FIH w/ 1,500' oil on top = 63% oil - got onto RBP & TOH w/ tools - RO prod. head - TIH w/ 2 7/8" x 3' perf. sub @4889', SN @4886', 15 jts. tbg., 5 1/2" x 2 1/2" x 3' AC @4397' & 134 jts. 2 7/8" 8rd EUE tbg. - set AC w/ 14,000# over & landed tbg. - RO f/ rods - TIH w/ 2 1/2" x 1 1/2" x 14' RWT pump, 2' x 3/4" sub, 193 x 3/4" rods, 8',6' & 2' subs, 1 1/4" x 22' PR w/ 9' liner - space out pump & clamped off - shut in well, RDMO.  
7 day est. cost = \$29,080

