



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1109506
OIL & GAS CONSERVATION DIVISION

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 # _____

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 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 #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1109506

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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				

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 <i>(Amount and Kind of Material Used)</i>	Depth

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

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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#1 Becker 13BC
575' FSL & 1110' FWL
Section 13-27S-26W
Ford County, Kansas
API# 15-057-20846-00-00
Elevation: 2633' GL, 2645' KB

DRILLING REPORT

Sample Tops			Ref. Well
Stotler	3601'	-956	+22
Heebner	4265'	-1620	+25
Lansing	4374'	-1729	+25
Muncie Shale	4558'	-1913	+26
Stark Shale	4680'	-2035	+20
Hush Shale	4727'	-2082	+15
BKC	4780'	-2135	+15
Marmaton	4788'	-2143	+13
Altamont	4833'	-2188	+15
Pawnee	4908'	-2263	+15
Cherokee Shale	4954'	-2309	+12
Huck. Shale	5038'	-2393	+15
Atoka Shale	5061'	-2416	+20
Morrow Sand	5079'	-2434	+7
Mississippian	5095'	-2450	+6
RTD	5259'	-2614	

Becker BCCY

ALLIED OIL & GAS SERVICES, LLC 059060

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Arrest Point K1

DATE 10-17-12	SEC 13	TWP 20	RANGE 26	CALLED OUT 3:00 PM	ON LOCATION 6:30 PM	JOB START 8:00 AM	JOB FINISH 1:00 PM
LEASE Becker B.C.	WELL #	LOCATION Dodge City 5 South, LeWist		COUNTY Ford	STATE K1		
OLD OR NEW (Circle one)			3 Wash Floor into	1.03	7.95 all		

CONTRACTOR Duke #1
 TYPE OF JOB Rectory Plug
 HOLE SIZE 7 7/8" TD 5259'
 CASING SIZE DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2" DEPTH 1650'
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERES.
 DISPLACEMENT

OWNER Scum
 CEMENT
 AMOUNT ORDERED 250 lbs 60/40 42 Hsf
 24 # floreal per inch.

COMMON	150	@ 17.90	2,685.00
POZMIX	100	@ 9.35	935.00
GEL	9	@ 23.90	210.60
CHLORIDE		@	
ASC		@	
	1105091 63	@ 2.97	187.41
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	270	@ 2.48	669.60
MILEAGE	11.21 X 50 X	2.60	1,457.30
			TOTAL 6,144.61

EQUIPMENT

PUMP TRUCK	CEMENTER	Tom Dixon	1
#378	HELPER	Frank Isaac	1
BULK TRUCK			
#1341	DRIVER	Dan Cooper	2
BULK TRUCK			
#	DRIVER		

REMARKS:
 1st Plug - 500 lbs at 1650'
 2nd Plug - 800 lbs at 1670'
 3rd Plug - 500 lbs at 420'
 4th Plug - 200 lbs at 160'
 Reball - 300 lbs
 Mumble - 20 lbs

560.50

SERVICE

DEPTH OF JOB	1650'		
PUMP TRUCK CHARGE	2.24%	84	
EXTRA FOOTAGE	@		
MILEAGE	Hum 50	@ 7.70	385.00
MANIFOLD	Hum 50	@ 4.40	220.00
		@	
		@	

CHARGE TO: Ritchie
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 2,854.84

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Mike Godfrey
 SIGNATURE X Mike Godfrey

TOTAL _____
 SALES TAX (If Any) 775.45
 TOTAL CHARGES 8,999.45
 DISCOUNT 2,699.83 IF PAID IN 30 DAYS
 6,299.62

BECKER / 3 BC '1

ALLIED OIL & GAS SERVICES, LLC 059055

Federal Tax I.D.# 20-5976804

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Harold Bond Co.

DATE <u>10-5-12</u>	SEC. <u>13</u>	TWP. <u>27</u>	RANGE <u>26</u>	CALLED OUT <u>6:00AM</u>	ON LOCATION <u>8:15AM</u>	JOB START <u>8:30AM</u>	JOB FINISH <u>9:30AM</u>
LEASE # <u>Becker BC</u>	WELL # <u>1</u>	LOCATION <u>Nadage city 5 south to saddle</u>			COUNTY <u>Ford</u>	STATE <u>Ky</u>	
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)		RD. <u>6 west to 105 N 31st St 5/12/12</u>					

CONTRACTOR Duke #1
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4" T.D. 377'
 CASING SIZE 8 5/8" DEPTH 377'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 75' 20'
 PERFS. _____
 DISPLACEMENT 22 3/4 bb1

OWNER Seneca
 CEMENT
 AMOUNT ORDERED 225 lbs Class A
370cc 270 ml

COMMON	<u>225</u>	@ <u>17.90</u>	<u>4,027.50</u>
POZMIX		@	
GEL	<u>4</u>	@ <u>23.40</u>	<u>93.60</u>
CHLORIDE	<u>8</u>	@ <u>64.00</u>	<u>512.00</u>
ASC		@	
HANDLING	<u>242.91</u>	@ <u>2.48</u>	<u>602.41</u>
MILEAGE	<u>1109 X 50 X</u>	<u>2.60</u>	<u>1,471.20</u>
			TOTAL <u>6,677.21</u>

554.50

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Tamm Dierham</u>	<u>1</u>
# <u>224</u>	HELPER <u>Tim Hall</u>	<u>2</u>
BULK TRUCK		
# <u>544-198</u>	DRIVER <u>Dan Cooper</u>	<u>2</u>
BULK TRUCK		
# _____	DRIVER _____	

REMARKS:
Ran 377' of 8 5/8" casing. Broke line -
Added 225 lbs Class A 370cc 270 ml
Displaced with fresh H2O.

Cement did circulate
T. Dierham

CHARGE TO: Ritchie Exploration
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>377'</u>		
PUMP TRUCK CHARGE		<u>1512.25</u>	
EXTRA FOOTAGE	@		
MILEAGE	<u>1109 50</u>	@ <u>7.70</u>	<u>8,550.00</u>
MANIFOLD	@		
	<u>1109 50</u>	@ <u>4.40</u>	<u>2,200.00</u>
			TOTAL <u>2,117.25</u>

PLUG & FLOAT EQUIPMENT

_____	@		
_____	@		
_____	@		
_____	@		
_____	@		

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Mike Godfrey
 SIGNATURE Mike Godfrey

TOTAL _____
 SALES TAX (If Any) 368.33
 TOTAL CHARGES 8,794.46
 DISCOUNT 2,198.61 IF PAID IN 30 DAYS
6,595.85

DR

WellSight Systems

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

Well Name: # BECKER 13BC
Location: sec 13 - twp 27S - rge 26W FORD COUNTY
License Number: API 15-057-20,846
Region: KANSAS
Drilling Completed: 17 OCT 2012
Surface Coordinates: 75° 52' E, 110° 11' W
85° South & 120° East of E2 - SW - SW
well dev IATION SURVEYS section

Bottom Hole: # 633
Ground Elevation (ft): 5,500
Logged Interval (ft): 5,500 To: 5,259
Total Depth (ft): 5,259
Lower COUNCIL GROVE to MISSISSIPPIAN
Type of Drilling Fluid: CHEMICAL - displacement by 3,950 from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR
Company: Ritchie Exploration, Inc.
Address: P.O. Box 763188
Wichita, Kansas 67276-3188

GEOLOGIST
Name: Ted Jochems, Jr.
Company: M&J Enterprises
Address: 212 North Market - ste 517
Wichita, Kansas 67202

COMMENTS
CONTRACTOR: Duke Drilling (Mike Griffin, toolpusher)
MUD: Mud-Co (Justin Whiting)
DRILL STEM TESTS: Superior
GAS DETECTOR: MBC Well Logging
ELECTRIC LOGS: Nabors Completion and Production Serv. (tan Mab) & Jett (Gronwegg)
SURFACE CASING: 8.625" ID @ 374'
test plugged and abandoned on 17 OCT 2012

WELL PENETRATION table with columns: DATE, DEPTH, SPUD, hours

MUD REPORT table with columns: CHECK, DEPTH, WT, VIB, pH, TV, GELS, CL, SOLIDS, BTMS, UP

DRILL STEM TEST #1
INTENDED TARGET: PAWNEE & lower ALTAMONT 'C' zone
MISRUN COMMENT: hit bridge @ 1,701, could not pass. trip out and recordation hole.

DRILL STEM TEST #2
INTENDED TARGET: PAWNEE & lower ALTAMONT 'C' zone
MISRUN COMMENT: hit same bridge @ 1,701, could not pass. trip out and recordation hole.

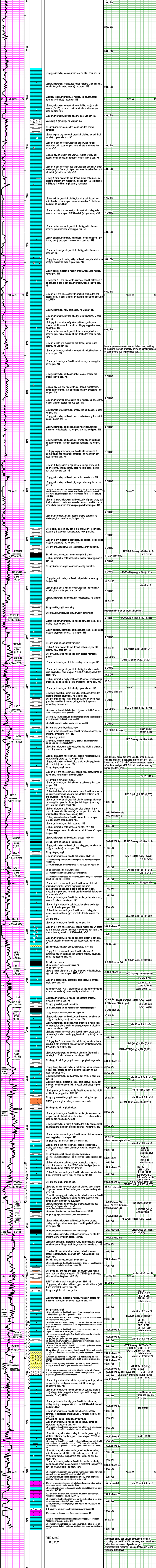
DRILL STEM TEST #3
30 - 45' 'C' zone
PAWNEE & lower ALTAMONT 'C' zone
COMMENT: hole had to be recirculated twice as test attempts #1 & #2 could not pass bridge @ 1,701. There were four to five extra hours of circulation on the target zone, possibly causing formation damage which would affect test results.

DRILL STEM TEST #4
4,982 - 5,085 30 - 30 - 30'
lower CHEROKEE LS - HUCUC
COMMENT: hole had to be recirculated twice as test attempts #1 & #2 could not pass bridge @ 1,701. There were four to five extra hours of circulation on the target zone, possibly causing formation damage which would affect test results.

DRILL STEM TEST #5
5,048 - 5,115 30 - 30 - 30'
lower ATOKA - MORROW upper MISSISSIPPIAN
COMMENT: no drill collars used in drill string

DEVIATION SURVEYS
1 degree @ 377
1 degree @ 476
0.75 degree @ 2,014
1 degree @ 2,519
1.25 degrees @ 4,717
1 degree @ 5,259

LITHOLOGY and OTHER SYMBOLS legend with symbols for Gyp, Limestone, Sandstone, etc.



RTD 5,259
LTD 5,262
Ritchie Exploration, Inc.
Becker 13BC
575 1st & 11th FVW
sec 13 Twp 27S Rge 26W
Ford County, Kansas

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

January 23, 2013

John Niernberger
Ritchie Exploration, Inc.
8100 E 22ND ST N # 700
BOX 783188
WICHITA, KS 67278-3188

Re: ACO1
API 15-057-20846-00-00
Becker 13BC 1
SW/4 Sec.13-27S-26W
Ford County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
John Niernberger