



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1160263
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: _____



1160263

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 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				

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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#1 Nau-Habiger

2897' FSL & 225' FWL

Irregular Section - Section 4-26S-22W

Ford County, Kansas

API# 15-057-20895-0000

Elevation: 2409' GL, 2421' KB

Sample Tops			Ref. Well
Anhydrite	1484'	+937	+3
B/Anhydrite	1514'	+907	+2
Stotler	3490'	-1069	-5
Heebner	4108'	-1687	-1
Lansing	4220'	-1799	-3
Muncie Shale	4402'	-1981	-5
Stark Shale	4501'	-2080	-6
Hush Shale	4564'	-2143	-6
BKC	4600'	-2179	-7
Altamont	4653'	-2232	-8
Pawnee	4728'	-2307	-7
Fort Scott	4757'	-2336	-4
Cherokee Shale	4775'	-2354	-2
Lower Cherokee Shale	4810'	-2389	-5
Huck	4841'	-2420	-5
Atoka	4855'	-2434	-7
Mississippian	4887'	-2466	-14
RTD	5000'	-2579	

ALLIED OIL & GAS SERVICES, LLC 060483

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Heart Road K

DATE <u>6-10-13</u>	SEC <u>4</u>	TWP. <u>26</u>	RANGE <u>22</u>	CALLED OUT <u>5:00 PM</u>	ON LOCATION <u>8:15 AM</u>	JOB START <u>9:30 AM</u>	JOB FINISH <u>12:00 AM</u>
LEASE <u>New Habiger</u>		WELL # <u>1</u>	LOCATION <u>Speawille 15, 12E, 2S, 5/3</u>		COUNTY <u>Ford</u>	STATE <u>TX</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Southwind 70 OWNER Same

TYPE OF JOB Plug
 HOLE SIZE 7 7/8 T.D. 5000
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 1520
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

CEMENT AMOUNT ORDERED 230, 60/40 470 net
1/4 # flamed/ft

COMMON	<u>138</u>	@ <u>17.90</u>	<u>2,470.20</u>
POZMIX	<u>92</u>	@ <u>9.35</u>	<u>860.20</u>
GEL	<u>8</u>	@ <u>23.40</u>	<u>187.20</u>
CHLORIDE		@	
ASC		@	
<u>910 seal</u>	<u>58</u>	@ <u>2.97</u>	<u>172.26</u>
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>247.19</u>	@ <u>2.48</u>	<u>613.03</u>
MILEAGE	<u>10.31 x 45 X</u>	<u>2.60</u>	<u>1206.27</u>
			TOTAL <u>5,509.16</u>

EQUIPMENT

PUMP TRUCK CEMENTER Tom Nicks
 # 3106 HELPER Kevin Eddy
 BULK TRUCK
 # 344-112 DRIVER Charles Kempson
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

50 lbs at 1520'
80 lbs at 870'
50 lbs at 390'
20 lbs at 60'
30 lbs in Ballhole

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

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 X SAM STAGGS
 SIGNATURE X Sam Staggs

SERVICE

DEPTH OF JOB 1520'
 PUMP TRUCK CHARGE 2249.88
 EXTRA FOOTAGE @ _____
 MILEAGE Hum 45 @ 7.70 346.50
 MANIFOLD @ _____
Hum 45 @ 4.40 198.00

TOTAL 2,794.34

PLUG & FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL _____

SALES TAX (If Any) _____
 TOTAL CHARGES 8,303.50
1,660.20
 DISCOUNT _____ IF PAID IN 30 DAYS
6,642.80

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

September 27, 2013

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

Re: ACO1
API 15-057-20895-00-00
Nau-Habiger 1
NW/4 Sec.04-26S-22W
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,
Peter Fiorini