



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1132481
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: _____



1132481

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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#1X Ford Yard - KSR
 2676' FNL & 630' FWL
 294' S & 30' W of S/2 SW NW Section 12-27S-24W
 Ford Co., Kansas
 API# 15-057-20865-00-00
 Elevation: 2428' GL, 2440' KB

Sample Tops			Ref. Well
Anhydrite	1487'	+953	-23
B/Anhydrite	1530'	+910	-27
Stotler	3491'	-1051	-14
Heebner	4143'	-1703	-5
Lansing	4254'	-1814	Flat
Muncie Shale	4439'	-1999	-1
Stark Shale	4561'	-2121	+1
BKC	4638'	-2198	-1
Altamont	4712'	-2272	+6
Pawnee	4765'	-2325	+4
Cherokee Shale	4815'	-2375	+5
Huck	4893'	-2453	+9
Atoka	4914'	-2474	+4
Morrow Sand	4926'	-2486	Flat
Mississippian	4948'	-2508	+4
RTD	5075'	-2635	



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 39289
LOCATION Oakley Ks
FOREMAN Walt Dunkel

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
1-16-13	7173	Ford Yard KSR-1X	12	27 ^s	24 ^w	Ford	
CUSTOMER		1834508		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS		9 1/2		399	Damon Miller		
CITY		E.S.		566	Tim Wareham		
STATE		ZIP CODE					

JOB TYPE Prod HOLE SIZE 7 7/8 HOLE DEPTH 5075' CASING SIZE & WEIGHT 5 1/2-15.5
 CASING DEPTH 5074 DRILL PIPE _____ TUBING _____ OTHER P.C.
 SLURRY WEIGHT 14.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 21.85'
 DISPLACEMENT 120 1/2 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Mastine, rig up on Duke #1, Run casing, cont #1-3-5 8-8.5-87-
#701, Basket on #7-86 #100, Part Callar on #86, Circ 1 Hr. on bottom,
Pump 500 gal mud flush, Plug bit-30 sks, bit-20 sks, mixed 175 sks OWC, 5# Kalsol
25# CDI-26, 14# CAF-38, Clear Pumping Line, release Plug & Displace 119 BBL @ 0
D 950 # Landed @ 1500#, release Pressure, Float held

Thank You
Walt & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3,020 ⁰⁰	3,020 ⁰⁰
5406	60	MILEAGE	5 ⁰⁰	300 ⁰⁰
1126	225 sks	OWC	22 ⁵⁵	5,073 ⁷⁵
1110A	1125 #	Kalsol	1.56	630 ⁰⁰
1137	53 #	CDI-26	9 ⁶⁹	513 ⁵⁷
1146	32 #	CAF-38	9 ⁷²	311 ⁰⁴
5407	10.6	Ton Mileage Delivery	16 ⁷	1,062 ⁰⁰
11446	500 gal	mud flush	1 ⁰⁰	500 ⁰⁰
4203	1	5 1/2- Guide Shoe	193 ⁰⁰	193 ⁰⁰
4228B	1	5 1/2-AFU insert	206 ⁰⁰	206 ⁰⁰
4136	7	5 1/2-Turbolizers	72 ⁰⁰	504 ⁰⁰
4104	3	5 1/2-Baskets	276 ⁰⁰	828 ⁰⁰
4285	1	5 1/2-Part Callar - Larson	2,075 ⁰⁰	2,075 ⁰⁰
				15,216 ⁹⁶
		Less 10% Disc		- 1,521 ⁷⁰
				13,695 ²⁶
			SALES TAX	775.21
			ESTIMATED	
			TOTAL	14470.47

completed

Ravin 3737

AUTHORIZATION

Guy R...

TITLE

DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

W

255937



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

TICKET NUMBER 39238
LOCATION Oshtey, KS
FOREMAN Mikes Shaw
Walt Dinkel

FIELD TICKET & TREATMENT REPORT

CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-13	7173	1x Ford yard - KSR	12	27S	24W	Ford
CUSTOMER R. H. H. Exploration						
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
			399	Jerry Y		
			58707	Jerry S/Mike		
CITY	STATE	ZIP CODE				

JOB TYPE Port collar HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING 2 7/8 OTHER pc bit @ 1468'
 SLURRY WEIGHT 12.5" SLURRY VOL 189 WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 1665 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting and rig up well head 2 7/8 tubing 5.6 casing port collar @ 1468' Rig up pressure tubing 1100psi open tool pump into toolbars open pump. 250 S/S 60/40 28 gal 1 1/2" flo seal with 300# hulls cement circulated to pit. Run 4 joints in cleared casing & tubing 30665

Thanks Mikes & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
540C	1	PUMP CHARGE	116.25	116.25
5404	60	MILEAGE	5.00	300.00
5407A	10,75 hrs	Ten minutes delivery	11.67	1077.60
1131	250 S/S	60/40 602 cement	15.10	3775.00
118B	120 #	Bentonite gel	2.5	300.00
1105	300 #	Cotton seed hulls	1.55	465.00
			Subtotal	7335.10
			less 10% discount	733.51
			Subtotal	1601.59
			SALES TAX	304.98
			ESTIMATED TOTAL	1906.57

completed

AUTHORIZATION Guy Rowe TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

256059

FORNO YEARS - KSR '1X

ALLIED OIL & GAS SERVICES, LLC 059229

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Corcoran Bend, KS

DATE <i>1-5-13</i>	SEC <i>12</i>	TWP. <i>27N</i>	RANGE <i>29W</i>	CALLED OUT	ON LOCATION <i>5:00pm</i>	JOB START <i>6:30</i>	JOB FINISH <i>7:30pm</i>	
LEASE <i>Card yard</i>	WELL # <i>1X</i>	LOCATION <i>wright, ks gra road</i>			COUNTY <i>ford</i>	STATE <i>KS</i>		
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)				<i>129 E into</i>				<i>1.01 9.95</i>

CONTRACTOR *Duke Drilling #1*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D.

CASING SIZE *5 5/8* DEPTH *569.55*

TUBING SIZE DEPTH

DRILL PIPE *4 1/2* DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *156*

PERFS.

DISPLACEMENT *35.26 bbls Freshwater*

CEMENT	AMOUNT ORDERED <i>350 sks Class A 37cc</i>		
	<i>2.4 gal</i>		
COMMON	<i>350</i>	@ <i>17.90</i>	<i>6,265.00</i>
POZMIX		@	
GEL	<i>7</i>	@ <i>23.40</i>	<i>163.80</i>
CHLORIDE	<i>12</i>	@ <i>64.00</i>	<i>768.00</i>
ASC		@	
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HANDLING	<i>379.1</i>	@ <i>2.48</i>	<i>940.10</i>
MILEAGE	<i>17.2 x 50 x</i>	<i>2.60</i>	<i>2,236.00</i>
			TOTAL <i>10,372.90</i>

PUMP TRUCK CEMENTER *Dustin Chambers 1*

395 HELPER *Tony Fgoc 2*

BULK TRUCK

344-170 DRIVER *Alan Feneredix 3*

BULK TRUCK

DRIVER

REMARKS:
*Break circulation with Rig mud
 pump 5 bbls Freshwater
 mix 350 sks Class A 37cc 2.4 gal
 Displac. 35.26 bbls Freshwater
 cement in
 Cement did not cure
 plug down 7:15 pm
 Rig Down*

CHARGE TO: *Patrick Exploration*

STREET _____

CITY _____ STATE _____ ZIP _____

460

SERVICE

DEPTH OF JOB	<i>564</i>		
PUMP TRUCK CHARGE		<i>2058.50</i>	
EXTRA FOOTAGE		@	
MILEAGE	<i>Hum 50</i>	@ <i>7.70</i>	<i>385.00</i>
MANIFOLD		@	
	<i>hum 50</i>	@ <i>440</i>	<i>220.00</i>
		@	
			TOTAL <i>2,663.50</i>

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 *Mike Godfrey*
Thank You!!

TOTAL _____

SALES TAX (If Any) *572.14*

TOTAL CHARGES *13,036.40*

DISCOUNT *25%* *3,259.10*

9,777.30 IF PAID IN 30 DAYS

R

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

April 10, 2013

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

Re: ACO1
API 15-057-20865-00-00
Ford Yard-KSR 1X
SW/4 Sec.12-27S-24W
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

Company: Ritchie Exploration, Inc.
Field: Mitchell
Location: S2W1/4 NW1/4
Section: 12
County: Ford
State: KS
Well No: 21W
Casing: 8 1/2" @ 5073
Surface: 522 @ 5073
Production: 522 @ 5073
LTD: 5080
Type Mud: Chem
Mud Up: 3637
Formation: Fossils and Structural Position

FORMATION TYPES AND STRUCTURAL POSITION

FORMATION	SHAPE	ELECTRIC LOG	SUB-SEA	STRUCTURAL POSITION
ANHYDRITE	1484 - 1501	1484	1484	A
ANHYDRITE	1530 - 1540	1530	1530	A
STOTLER	3491 - 1051	3491	1051	C
HEEBNER	4143 - 1703	4143	1703	C
TORONTO	4162 - 1722	4162	1722	C
DOUGLAS	4216 - 1776	4216	1776	C
LANSHING	4254 - 1814	4254	1814	C
HEEBNER	4483 - 2375	4483	2375	C
MURKIN	4483 - 1999	4483	1999	C
STARK	4561 - 2121	4561	2121	C
HUSKNEY	4600 - 2160	4600	2160	C
BKC	4639 - 2199	4639	2199	C
BLAUGHT	4712 - 2272	4712	2272	C
FRANKE	4765 - 2325	4765	2325	C
DEV 10	4800			C
CHEEKES	4815 - 2375			C
CHUCK	4815 - 2375			C
HUGG	4829 - 2453			C
ATOKA	4914 - 2474			C
MORROW	4926 - 2496			C
MILLS	4948 - 2508			C
5000				C
TD				C

REMARKS

LEGEND

Anhydrite	Salt	Sandstone	Shale	Carb sh	Limestone	Oil L. Limo	Chert	Dolomite
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