

CONFIDENTIAL

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

**WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

4/11/12
Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

OPERATOR: License # 4767
Name: Ritchie Exploration, Inc.
Address 1: P.O. Box 783188
Address 2: _____
City: Wichita State: KS Zip: 67278 + 3188
Contact Person: John Niernberger
Phone: (316) 691-9500
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: Terry McLeod
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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

12/15/11	12/29/11	12/29/11
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 057-20769-00-00
Spot Description: 920' FNL & 765' FWL
S/2_ NW_ NW_ Sec. 19 Twp. 27 S. R. 22 East West
920 Feet from North / South Line of Section
765 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ford
Lease Name: S. Riegel Well #: 1
Field Name: _____
Producing Formation: _____
Elevation: Ground: 2426 Kelly Bushing: 2437
Total Depth: 5200 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 355 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: 11500 ppm Fluid volume: 900 bbls
Dewatering method used: evaporation
Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License #: _____
Quarter: _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

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INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.
Signature: _____
Title: Production Manager Date: 4/4/12

KCC Office Use ONLY
 Letter of Confidentiality Received
Date: 4-4-12 to 4-4-14
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: MS Date: 4-11-12

Operator Name: Ritchie Exploration, Inc. Lease Name: S. Riegel Well #: 1

Sec. 19 Twp. 27 S. R. 22 East West County: Ford

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Induction Log Compensated Density/Neutron Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum <p style="text-align: center; font-weight: bold;">SEE ATTACHED</p>
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CASING RECORD <input checked="" 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
Surface	12-1/4"	8-5/8"	23#	355'	Class A	240	3% cc, 2% gel

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				

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

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

Date of First, Resumed Production, SWD or ENHR.		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

KCC



#1 S. Riegel

920' FNL & 765' FWL
70' N & 105' E of S/2 NW NW
Section 19-27S-22W
Ford County, Kansas
API# 15-057-20769-0000
Elevation: 2426' GL: 2437' KB

Sample Tops			Ref. Well
Anhydrite	N/A		
B/Anhydrite	N/A		
Stotler	3544'	-1107	-9
Heebner	4201'	-1764	-8
Lansing	4332'	-1895	-10
Stark Shale	4651'	-2214	-15
Hush.	4688'	-2251	-13
BKC	4732'	-2295	-8
Marmaton	4779'	-2342	-9
Altamont	4818'	-2381	-8
Pawnee	4858'	-2421	-6
Cherokee Shale	4904'	-2467	-9
Huck.	4988'	-2551	-10
Atoka Shale	4996'	-2559	-10
Mississippian	5024'	-2587	-19
RTD	5200'	-2763	

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ALLIED CEMENTING CO., LLC. 037989

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665.

SERVICE POINT: Mechanicsville

S RITCHEY

DATE <u>12-29-11</u>	SEC. <u>19</u>	TWP. <u>27S</u>	RANGE <u>22W</u>	CALLED OUT	ON LOCATION	JOB START <u>10:00am</u>	JOB FINISH <u>11:30am</u>
LEASE <u>Presel</u>	WELL # <u>1</u>	LOCATION <u>Ford W 3 3/4 N 1/4</u>			COUNTY <u>Ford</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>3/4 N Mt at Ridge</u>			

CONTRACTOR Morba #21
 TYPE OF JOB Rotary plug
 HOLE SIZE 7 7/8 T.D.
 CASING SIZE 8 7/8 DEPTH 352
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2 DEPTH 1,500
 TOOL DEPTH
 PRES. MAX 300psi MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT

OWNER Ritche Exploration
 CEMENT
 AMOUNT ORDERED 250 5x60 40 #4/50 1 1/4 #50

EQUIPMENT

PUMP TRUCK CEMENTER Mark Linneth
 # 366 HELPER John / Bob (G.B.)
 BULK TRUCK
 # 421/252 DRIVER Adam Miller
 BULK TRUCK
 # DRIVER

COMMON	<u>A</u>	<u>150</u>	<u>SK</u>	@	<u>16.25</u>	<u>2437.50</u>
POZMIX		<u>100</u>	<u>SK</u>	@	<u>8.50</u>	<u>850.00</u>
GEL		<u>9</u>	<u>SK</u>	@	<u>20.25</u>	<u>182.25</u>
CHLORIDE				@		
ASC				@		
<u>Flocon</u>		<u>62.5</u>		@	<u>2.70</u>	<u>1687.50</u>
				@		
				@		
				@		
				@		
				@		
				@		
HANDLING		<u>262</u>		@	<u>2.25</u>	<u>589.50</u>
MILEAGE		<u>2.62</u>	<u>11/50</u>			<u>1441.00</u>
TOTAL						<u>7187.75</u>

REMARKS:
1st plug 1500' pump 20 bbls H₂O mtr and pump 50SK cement
drp 8 bbls H₂O + 10 bbls mud.
2nd plug 870' pump 20 bbls H₂O mix 80SK cement
drp 7 bbls H₂O
3rd plug 360' pump 8 bbls H₂O mix 50SK cement
drp 2 bbls H₂O
4th plug 60' mtr and pump 20SK cement
mix 30SK for Rothok mix 20SK for mousehole

SERVICE

DEPTH OF JOB	<u>1500'</u>	
PUMP TRUCK CHARGE	<u>1250.00</u>	
EXTRA FOOTAGE	@	
MILEAGE	<u>160</u>	@ <u>7.00</u> <u>760.00</u>
MANIFOLD	@	
<u>light vehicle</u>	<u>100</u>	@ <u>4.00</u> <u>400.00</u>
		@

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

TOTAL 2350.00 RECEIVED
APR 05 2012

To Allied Cementing Co., 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.

CONFIDENTIAL _____ @ _____
 APR 11 2014 _____ @ _____
 KCC _____ @ _____
 TOTAL _____

PRINTED NAME Juan Tinoco
 SIGNATURE Juan Tinoco

SALES TAX (if Any) _____
 TOTAL CHARGES 9537.75
 DISCOUNT 20% IF PAID IN 30 DAYS
NET 7630.20

[Handwritten mark]

ALLIED CEMENTING CO., LLC. 037909

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Medicine Lodge, KS

DATE <u>12-16-2014</u>	SEC. <u>19</u>	TWP. <u>27S</u>	RANGE <u>22W</u>	12-15 CALLED OUT <u>9:30pm</u>	12-16 ON LOCATION <u>12:30pm</u>	JOB START <u>2:30pm</u>	JOB FINISH <u>3:00pm</u>
LEASE <u>Riesel</u>		WELL # <u>1</u>	LOCATION <u>Fore, ks 3 3/4 nw on Fore</u>		COUNTY <u>Fore</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>Highway 44, 3/4 north to R. 19</u>				

CONTRACTOR Mullin #21 OWNER Ritchie Exploration

TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 355'
 CASING SIZE 8 5/8 DEPTH 352'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 42'
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 20 bbls of Freshwater

CEMENT
 AMOUNT ORDERED 240 sq Class A
3% cc + 2% Gel

EQUIPMENT

PUMP TRUCK CEMENTER Darin F.
 # 372 HELPER CCser
 BULK TRUCK
 # 472- DRIVER Ruben
 BULK TRUCK
 # _____ DRIVER _____

COMMON	<u>A 240 sq</u>	@ <u>16.25</u>	<u>3900.00</u>
POZMIX		@	
GEL	<u>5 sq</u>	@ <u>21.25</u>	<u>106.25</u>
CHLORIDE	<u>9 sq</u>	@ <u>58.20</u>	<u>523.80</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>254</u>	@ <u>2.25</u>	<u>571.50</u>
MILEAGE	<u>254/50 = 11</u>		<u>1397.00</u>
TOTAL			<u>6498.55</u>

REMARKS:

Pipe on bottom & break circulation
Pump 3 bbls water shear, mix 240sq
of cement, shut down, Release plug
stern displacement, bump plug 92
bbls, shut in, cement did circulate

SERVICE

DEPTH OF JOB	<u>352'</u>		
PUMP TRUCK CHARGE		<u>1125.00</u>	
EXTRA FOOTAGE	<u>52</u>	@ <u>.95</u>	<u>49.40</u>
MILEAGE	<u>100</u>	@ <u>7.00</u>	<u>700.00</u>
MANIFOLD	<u>Accessories</u>	@	<u>200.00</u>
Light Vehicle	<u>100</u>	@ <u>4.00</u>	<u>400.00</u>
		@	

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

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 TOTAL 2474.40
APR 05 2014

PLUG & FLOAT EQUIPMENT

<u>8 5/8</u>			
1-Wooden Plug	@	<u>92.00</u>	
1-Baffle Plate	@	<u>112.00</u>	
2-Centrifuges	@ <u>64.00</u>	<u>128.00</u>	
	@		
	@		

KCC WICHITA

CONFIDENTIAL TOTAL 332.00

To Allied Cementing Co., 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.

APR 04 2014
 SALES TAX (if Any) _____
 TOTAL CHARGES 9304.95
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME X Juan Tinoco
 SIGNATURE X Juan Tinoco
Thank you!!!

