

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
October 2008  
Form Must Be Typed

1/14/12

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4767

Name: Ritchie Exploration, Inc.

Address 1: P.O. Box 783188

Address 2: \_\_\_\_\_

City: Wichita State: KS Zip: 67278 + 3118

Contact Person: John Niernberger

Phone: (316) 691-9500

CONTRACTOR: License # 30606

Name: Murfin Drilling Co., Inc.

Wellsite Geologist: Tom Funk

Purchaser: NCRA

Designate Type of Completion:

- New Well       Re-Entry       Workover
  - Oil       SWD       SIOW
  - Gas       ENHR       SIGW
  - CM (Coal Bed Methane)       Temp. Abd.
  - Dry       Other
- (Core, WSW, Expl., Cathodic, 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: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_

Commingled      Docket No.: \_\_\_\_\_

Dual Completion      Docket No.: \_\_\_\_\_

Other (SWD or Enhr.?)      Docket No.: \_\_\_\_\_

9/23/09      10/2/09      10/2/09

Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date           Recompletion Date

API No. 15 - 109-20862-0000

Spot Description: 94' S & 7' E of

NW SW SE Sec. 36 Twp. 13 S. R. 32  East  West

896 Feet from  North /  South Line of Section

2303 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Logan

Lease Name: Stucky 36D Well #: 1

Field Name: \_\_\_\_\_

Producing Formation: LKC/Johnson

Elevation: Ground: 2864' Kelly Bushing: 2874'

Total Depth: 4590 Plug Back Total Depth: 4551

Amount of Surface Pipe Set and Cemented at: 213 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 2316 Feet

If Alternate II completion, cement circulated from: surface

feet depth to: 2316 w/ 360 sx cmt.

Drilling Fluid Management Plan AH # NJ 1-28-10  
(Data must be collected from the Reserve Pit)

Chloride content: 15000 ppm Fluid volume: 750 bbls

Dewatering method used: evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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.

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: 1/14/10

Subscribed and sworn to before me this 14<sup>th</sup> day of January

20 10

Notary Public: Debra K Phillips

Date Commission Expires: 5-4-11

**KCC Office Use ONLY**

Letter of Confidentiality Received

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

**RECEIVED**

**JAN 15 2010**

**DEBRA K. PHILLIPS**  
Notary Public - State of Kansas  
My Appt. Expires 5-4-11

KCC WICHITA

Operator Name: Ritchie Exploration, Inc. Lease Name: Stucky 36D Well #: 1  
 Sec. 36 Twp. 13 S. R. 32  East  West County: Logan

**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 copy of all Electric Wireline 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 <i>(Submit Copy)</i>  List All E. Logs Run: <b>Dual Induction Log</b> <b>Compensated Density/Neutron Log</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum  SEE ATTACHED
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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#	213'	common	170	3%cc, 2%gel
Production	7-7/8	4-1/2	10.5#	4584'	ASC	220	10% salt, 2% gel & 3/4% CD-31

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 (Amount and Kind of Material Used)	Depth
4	4470.5' - 4474.5' (10/19/09)	500 GALS 15% NE	
4	4074.3' - 4078.3' (10/19/09)	500 GALS 15% NE	

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TUBING RECORD: Size: <u>2-3/8</u> Set At: <u>4546'</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>10/28/09</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. <u>25.88</u>	Gas Mcf <u>123.99</u> Water Bbls. <u>123.99</u> Gas-Oil Ratio <u>35.9</u>

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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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**#1 Stucky 36D**

896' FSL & 2303' FEL

94' S & 7' E of NW SW SE Section 36-13S-32W

Logan County, Kansas

API# 15-109-20862-0000

Elevation: GL: 2864', KB: 2874'

<u>Sample Tops</u>			<u>Ref.</u>	<u>Well</u>
Anhydrite	2360'	+514	-9	
B/Anhydrite	2382'	+492	-8	
Heebner	3857'	-983	-9	
Lansing	3900'	-1026	-8	
Lansing "C"	3937'	-1063	-7	
Lansing "D"	3954'	-1080	-9	
Lansing "E"	3983'	-1109	-8	
Muncie Shale	4059'	-1185	-12	
Lansing "H"	4077'	-1203	-13	
Lansing "I"	4106'	-1232	-14	
Lansing "J"	4128'	-1254	-12	
Lansing "K"	4157'	-1283	-9	
Hush.	4182'	-1308	-10	
Lansing "L"	4193'	-1319	-9	
BKC	4225'	-1351	-11	
Marmaton	4251'	-1377	-11	
Altamont	4270'	-1396	-10	
Pawnee	4346'	-1472	-10	
Myric	4384'	-1510	-10	
Fort Scott	4398'	-1524	-7	
Cherokee Shale	4427'	-1553	-9	
Johnson	4470'	-1596	-8	
Mississippian	4525'	-1651	-1	
RTD	4590'	-1716		

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# ALLIED CEMENTING CO., LLC. 044380

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

SERVICE POINT:

OKAY KS

DATE <u>10-2-09</u>	SEC. <u>36</u>	TWP. <u>15</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>3:00 PM</u>	JOB START <u>4:00 AM</u>	JOB FINISH <u>4:30 AM</u>
LEASE <u>Stuckey 36-17</u>	WELL# <u>#1</u>	LOCATION <u>OKAY 205-26-2N</u>			COUNTY <u>HOGAN</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)				<u>W in</u>			

CONTRACTOR Worship #14 OWNER \_\_\_\_\_

TYPE OF JOB Production 4112

HOLE SIZE 7 7/8 T.D. 4589 CEMENT

CASING SIZE 4 1/2 10.5 DEPTH 4585 AMOUNT ORDERED 275 ASC 2000

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_ 60% salt, 1st 6 1/8 3/4 20 CD-31

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_ 500 gal WFA II

TOOL Port Collar DEPTH 2322'

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_ COMMON \_\_\_\_\_ @ \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 22 POZMIX \_\_\_\_\_ @ \_\_\_\_\_

CEMENT LEFT IN CSG. 22 GEL \_\_\_\_\_ @ 2000 W/C

PERFS. \_\_\_\_\_ CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

DISPLACEMENT 72.5 ASC 275 @ 1800 5115.00

EQUIPMENT \_\_\_\_\_ Salt 25 @ 2300 575.00

PUMP TRUCK CEMENTER Fuzzy \_\_\_\_\_ @ \_\_\_\_\_

# 431 HELPER Kelly \_\_\_\_\_ @ \_\_\_\_\_

BULK TRUCK \_\_\_\_\_ Calsonite 1375# @ 189 259.75

# 481 DRIVER Matt \_\_\_\_\_ @ \_\_\_\_\_

BULK TRUCK \_\_\_\_\_ CD-31 193# @ 935 1804.55

# \_\_\_\_\_ DRIVER \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ WFA II 500 gal @ 127 635.00

HANDLING 351 @ 240 842.40

MILEAGE .10 x 55 mile \_\_\_\_\_ @ \_\_\_\_\_ 702.00

TOTAL 10322.70

REMARKS:

mix 500 gal WFA II Pump 2000 cement  
in well - 30985 in depth. Pumped  
225 yds cement down csg. Wash  
out pump & lines. Displace plug  
to 4589 L.G. press 800# hand  
press 1200# Plug down @ 4:15  
AM  
Thanks Fuzzy & Kelly

SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_ 2185.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 20 @ 700 1400.00

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 2325.00

CHARGE TO: Richie Exploration  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

<u>1- Guide shoe</u>		<u>73.00</u>
<u>1- AFU Insert</u>	@	<u>101.00</u>
<u>8- Turbolizers</u>	@ <u>39.00</u>	<u>312.00</u>
<u>4- Baskets</u>	@ <u>147.00</u>	<u>588.00</u>
<u>1- Port Collar</u>	@	<u>1673.00</u>
<u>1- Loc Rings</u>	@	<u>29.00</u>
<u>1- Rubber Plug</u>		<u>27.00</u>
TOTAL		<u>2803.00</u>

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.

PRINTED NAME \_\_\_\_\_  
SIGNATURE Thomas A. A. A.

SALES TAX (If Any) \_\_\_\_\_  
TOTAL CHARGES \_\_\_\_\_  
DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

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TCN



# ALLIED CEMENTING CO., LLC. 044382

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

SERVICE POINT:  
Oakley KS

DATE <u>10-6-09</u>	SEC <u>36</u>	TWP. <u>13</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>12:20pm</u>	JOB START <u>2:30pm</u>	JOB FINISH <u>3:00pm</u>
LEASE <u>Stuckey</u>	WELL# <u>36.0</u>	LOCATION <u>Oakley 20s-26.2m-4m</u>			COUNTY <u>logan</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Express Well Service OWNER \_\_\_\_\_

TYPE OF JOB Point Collar

HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_  
 CASING SIZE 4 1/2 DEPTH 2217'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 9.0

**EQUIPMENT**

PUMP TRUCK CEMENTER Fuzzie  
 # 431 HELPER Willy  
 BULK TRUCK \_\_\_\_\_  
 # 394 DRIVER La Bone  
 BULK TRUCK \_\_\_\_\_  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

Test Tool @ 1200', open tool  
 est circulation. mix 30sks w/rt  
 mix 30sks with 250# hulls.  
 displace @ ABL. Close tool &  
 Test to 1200'. run 5315  
 reverse the crew, cement and  
 circulate approx 30sks to pit  
 Job complete @ 3:00 pm  
 Thanks Fuzzie  
 crew

**CEMENT**  
 AMOUNT ORDERED 475 SKS 60140  
670 gal 114# Clo-seal  
500# hulls on side  
used 360 SKS + 250# hulls  
 COMMON 216 @ 15.45 3337.20  
 POZMIX 144 @ 8.00 1152.00  
 GEL 19 @ 20.00 380.00  
 CHLORIDE @ \_\_\_\_\_  
 ASC @ \_\_\_\_\_  
Clo-seal 90# @ 2.50 225.00  
hulls 5sks @ 31.85 159.25  
 HANDLING 540 @ 2.40 1296.00  
 MILEAGE 1085 kmile 1080.00  
**TOTAL 7644.65**

**SERVICE**

DEPTH OF JOB 2217'  
 PUMP TRUCK CHARGE 1185.00  
 EXTRA FOOTAGE @ \_\_\_\_\_  
 MILEAGE 20 @ 7.00 140.00  
 MANIFOLD @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_

**TOTAL 1325.00**

CHARGE TO: Ritchie Exploration  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

\_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
**TOTAL \_\_\_\_\_**

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.

PRINTED NAME \_\_\_\_\_  
 SIGNATURE Thomas ADA

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

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 JAN 14 2010  
 KCC

TCW

# ALLIED CEMENTING CO., LLC. 044300

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

SERVICE POINT: Dakota

DATE <u>9/23/09</u>	SEC. <u>36</u>	TWP. <u>15</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>6:30</u>	JOB START <u>11:30</u>	JOB FINISH <u>12:00 AM</u>
LEASE <u>Stucky 3610</u>	WELL # <u>#1</u>	LOCATION <u>Ogkley S to Old School House,</u>			COUNTY <u>Logan</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>2E, 2N W into</u>			

CONTRACTOR Murfin 14

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 216 88

CASING SIZE 8 5/8 DEPTH 216

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 12 3/4 BBL

OWNER Same

CEMENT AMOUNT ORDERED 170 SK Com 3470 CC 247228

EQUIPMENT

PUMP TRUCK CEMENTER Alan

# 422 HELPER Andrew

BULK TRUCK

# 377 DRIVER Darren

BULK TRUCK

# DRIVER

COMMON	<u>170</u>	@	<u>15 45</u>	<u>2626 50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20 80</u>	<u>62 40</u>
CHLORIDE	<u>6</u>	@	<u>58 20</u>	<u>349 20</u>
ASC		@		
HANDLING	<u>179</u>	@	<u>2 40</u>	<u>429 60</u>
MILEAGE/04 SK/mile				<u>358 00</u>
TOTAL				<u>3825 70</u>

REMARKS:

Cement did Circulate

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Thank You  
Alan, Andrew, Darren

CHARGE TO: Ritchie Exploration

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>1012 00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>20</u>	@	<u>7 00</u>	<u>140 00</u>
MANIFOLD		@		
TOTAL				<u>1152 00</u>

PLUG & FLOAT EQUIPMENT

	@			
	@			
	@			
	@			
	@			
TOTAL				

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.

PRINTED NAME COLEB Urnutt

SIGNATURE Greg Urnutt

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

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