

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

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

6/26/10

Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address: P.O. Box 783188  
City/State/Zip: Wichita, KS 67278-3188  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Craig Caulk  
Phone: (316) 691-9500  
Contractor: Name: WW Drilling, LLC  
License: 33575  
Wellsite Geologist: Roger Fisher

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 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./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_

3/21/08	3/31/08	4/1/08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 063-21707-0000  
County: Gove  
approx N/2 S/2 SW Sec. 17 Twp. 13S S. R. 31  East  West  
970 feet from S N (circle one) Line of Section  
1475 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Ottley 17C Well #: 1

Field Name: \_\_\_\_\_  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 2926 Kelly Bushing: 2931  
Total Depth: 4760 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 208 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 DANS71509  
(Data must be collected from the Reserve Pit)  
Chloride content 17000 ppm Fluid volume 600 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.: \_\_\_\_\_

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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.

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: Geologist Date: 6/26/08

Subscribed and sworn to before me this 26<sup>th</sup> day of June

20 08  
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  
KANSAS CORPORATION

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

**JUN 30 2008**

Operator Name: Ritchie Exploration, Inc. Lease Name: Ottley 17C Well #: 1  
 Sec. 17 Twp. 13S S. R. 31  East  West County: Gove

**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  <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	208	common	160	3%cc, 2% gel

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ADDITIONAL CEMENTING SQUEEZE RECORD			
Purpose:	Depth Top Bottom	Type of Cement	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			

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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

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TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd 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      METHOD OF COMPLETION      Production Interval

Vented    Sold    Used on Lease     
  Open Hole    Perf.    Dually Comp.    Commingled  
*(If vented, Submit ACO-18.)*     
  Other (Specify) \_\_\_\_\_



**#1 Ottley 17C**  
970' FSL & 1475' FWL  
20'S & 155'E of C N/2 S/2 SW  
Section 17-13S-31W  
Gove County, Kansas  
API# 15-063-21707-0000  
Elevation: 2926' GL: 2931' KB

<u>Sample Tops</u>			<u>Ref. Well</u>
Anhydrite	2415'	+516	+26
B/Anhydrite	2438'	+493	+25
Heebner	3930'	-999	+27
Lansing	3972'	-1041	+27
Lansing "C"	4000'	-1069	+32
Lansing "H"	4144'	-1213	+18
BKC	4280'	-1349	+22
Pawnee	4423'	-1492	+21
Cherokee Shale	4512'	-1581	+11
Johnson	4558'	-1627	+10
Base of Johnson	4577'	-1646	+8
Morrow Sand	4667'	-1736	N/A
Mississippian	4686'	-1755	-46
RTD	4760'	-1829	

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**CONSERVATION DIVISION**  
**WICHITA, KS**

# ALLIED CEMENTING CO., INC.

32184

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

SERVICE POINT:

Oakley, KS

DATE 3-21-08	SEC. 17	TWP. 13	RANGE 31	CALLED OUT	ON LOCATION 2:00	JOB START 2:00pm	JOB FINISH 2:30pm
LEASE Ottley	WELL# 17c-#1	LOCATION Oakley 105-36-35			COUNTY Gove	STATE KS	
OLD OR <input checked="" type="radio"/> NEW (Circle one)				64 in			

CONTRACTOR W & W Dicks #8 OWNER \_\_\_\_\_

TYPE OF JOB Surf Ace

HOLE SIZE 12 1/4 T.D. 209' CEMENT AMOUNT ORDERED 160 com 3 90cc

CASING SIZE 8 5/8 DEPTH 208' 290cc

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 12.2 Bbls

EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER Tuzzy

# 431 HELPER LaRene

BULK TRUCK \_\_\_\_\_

# 347 DRIVER Darrin

BULK TRUCK \_\_\_\_\_

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

REMARKS: \_\_\_\_\_

cement did circulate

Job complete @ 2:15 pm  
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Thanks Tuzzy & crew  
**KCC**

CHARGE TO: Petrolie Exploration

STREET \_\_\_\_\_

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

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Rich Hilgers

COMMON 160 @ 14.20 2272.00  
POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
GEL 3 @ 18.25 56.25  
CHLORIDE 5 @ 52.45 262.25  
ASC \_\_\_\_\_ @ \_\_\_\_\_

HANDLING 168 @ 2.15 361.20  
MILEAGE .09 x 52 mile 2.82  
TOTAL 3233.70

SERVICE

DEPTH OF JOB 208'

PUMP TRUCK CHARGE 917.00

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

MILEAGE 17 @ 7.00 119.00

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

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

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

TOTAL 1036.00

PLUG & FLOAT EQUIPMENT

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

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

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

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

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

TOTAL \_\_\_\_\_

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

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

PRINTED NAME Rich Hilgers

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WICHITA, KS

# ALLIED CEMENTING CO., INC. 32209

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

SERVICE POINT:  
Oakley Ks

DATE <u>4-1-08</u>	SEC <u>17</u>	TWP <u>13<sup>s</sup></u>	RANGE <u>31<sup>w</sup></u>	CALLED OUT	ON LOCATION <u>9:15 AM</u>	JOB START <u>9:30 AM</u>	JOB FINISH <u>10:30 AM</u>
LEASE <u>Ottley</u>		WELL # <u>17C-#1</u>	LOCATION <u>Oakley 11S-3E-3S-ES</u>	COUNTY <u>Logan</u>	STATE <u>Kan</u>		
OLD OR NEW (Circle one)							

CONTRACTOR W-W Dels #8

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 4760'

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 xH DEPTH 2431

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER Same

CEMENT

AMOUNT ORDERED 190 SKS @ 6940 per  
4% Gel, 1/4# Flo-Seal

COMMON	<u>114 - SKS @</u>	<u>14.20</u>	<u>1,618.80</u>
POZMIX	<u>76 - SKS @</u>	<u>7.20</u>	<u>547.20</u>
GEL	<u>7 SKS @</u>	<u>18.75</u>	<u>131.25</u>
CHLORIDE	@		
ASC	@		
	<u>Flo-Seal 48# @</u>	<u>2.25</u>	<u>108.00</u>
	@		
	@		
	@		
	@		
	@		
	@		
HANDLING	<u>199 - SKS @</u>	<u>2.15</u>	<u>427.85</u>
MILEAGE	<u>94 per SK mile</u>		<u>304.47</u>
TOTAL			<u>3,137.57</u>

EQUIPMENT

PUMP TRUCK CEMENTER Walt

# 431 HELPER Kelly

BULK TRUCK

# 377 DRIVER Lanise

BULK TRUCK

# DRIVER

REMARKS:

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25 - SKS @ 2431'

100 - SKS @ 1500'

40 - SKS @ 258'

10 - SKS @ 40'

15 SKS in R.H.

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Thank You

CHARGE TO: Ritchie Explorations

STREET \_\_\_\_\_

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

**SERVICE**

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

PUMP TRUCK CHARGE 4,075.00

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

MILEAGE 17-miles @ 7.00 119.00

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

@ \_\_\_\_\_

@ \_\_\_\_\_

TOTAL 1,194.00

**PLUG & FLOAT EQUIPMENT**

8 5/8

1-DH Plug @ 40.00

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

TOTAL 40.00

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Rich Hilgers

Rich Hilgers  
PRINTED NAME

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

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

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