

**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**

Operator: License # 4767  
 Name: Ritchie Exploration, Inc.  
 Address: P.O. Box 783188  
 City/State/Zip: Wichita, KS 67278-3188  
 Purchaser: NCRA  
 Operator Contact Person: John Niernberger  
 Phone: (316) 691-9500  
 Contractor: Name: Val Energy, Inc.  
 License: 5822  
 Wellsite Geologist: Mike Engelbrecht  
 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. \_\_\_\_\_  

<u>1/30/06</u>	<u>2/16/06</u>	<u>2/16/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

**KCC**  
**MAY 30 2006**  
**CONFIDENTIAL**

API No. 15 - 101-21902-0000  
 County: Lane  
 SW - SW - SE - \_\_\_\_\_ Sec. 5 Twp. 17 S. R. 30  East  West  
330 feet from S / N (circle one) Line of Section  
2310 feet from E / W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Wilkens 5D Well #: 1  
 Field Name: \_\_\_\_\_  
 Producing Formation: Altamont/Johnson  
 Elevation: Ground: 2876 Kelly Bushing: 2886  
 Total Depth: 4605 Plug Back Total Depth: 4579  
 Amount of Surface Pipe Set and Cemented at 235 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set 2248 Feet  
 If Alternate II completion, cement circulated from 2248  
 feet depth to surface w/ 300 sx cmf.  
**Drilling Fluid Management Plan** ALT # NH 671-08  
 (Data must be collected from the Reserve Pit)  
 Chloride content 17000 ppm Fluid volume 700 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: 5/30/06  
 Subscribed and sworn to before me this 30<sup>th</sup> day of May  
2006  
 Notary Public: Debra K. Phillips  
 Date Commission Expires: 5/14/07

**DEBRA K. PHILLIPS**  
 Notary Public - State of Kansas  
 My Appt. Expires 5/14/07

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**RECEIVED**  
**JUN 02 2006**  
**KCC WICHITA**

Operator Name: Ritchie Exploration, Inc. Lease Name: Wilkins 5D Well #: 1  
 Sec. 5 Twp. 17 S. R. 30  East  West County: Lane

**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  Yes  No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)  
 List All E. Logs Run:

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum

SEE ATTACHED

**KCC**  
**MAY 30 2006**  
**CONFIDENTIAL**

Dual Induction Log  
 Compensated Density/Neutron Log

CASING RECORD <input type="checkbox"/> New <input checked="" 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	28	235	common	165	3%cc, 2% gel
Production	7-7/8	5-1/2	15.5	4600	60/40 pozmix	200	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	4348.5' - 4355.5' Altamont (2/24/06)	1000 gals 15% NE	
4	4515.5' - 4517' & 4524' - 4527' Johnson (2/28/06)	1000 gals 15% NE	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8	4535'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
3/4/06		<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	74		5		32.53

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)  
 METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_  
 Production Interval \_\_\_\_\_

**RECEIVED**  
**JUN 02 2006**  
**KCC WICHITA**



**#1 Wilkens 5D**  
330' FSL & 2310' FEL  
SW SW SE Section 5-17S-30W  
Lane County, Kansas  
API# 15-101-21902-0000  
Elevation: 2876' GL: 2886' KB

**KCC**  
**MAY 30 2006**  
**CONFIDENTIAL**

<u>Sample Tops</u>			<u>Ref. Well</u>
Anhydrite	2274'	+612	+15
B/Anhydrite	2295'	+591	+15
Heebner Shale	3897'	-1011	+13
Lansing	3932'	-1046	+15
Lansing "C" zone	3968'	-1082	+12
Lansing "H" zone	4116'	-1230	+16
Lansing "J" zone	4177'	-1291	+15
Lansing "K" zone	4216'	-1330	+16
Altamont	4328'	-1442	+10
Fort Scott	4454'	-1568	+7
Cherokee Shale	4478'	-1592	+9
Johnson	4519'	-1633	+9
Mississippian	4551'	-1665	+11
RTD	4605'	-1719	

**RECEIVED**  
**JUN 02 2006**  
**KCC WICHITA**

# ALLIED CEMENTING CO., INC. 24114

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

SERVICE POINT:

*2-1-06* *Mr. at Beard*

DATE <i>1-31-06</i>	SEC. <i>5</i>	TWP. <i>17</i>	RANGE <i>30 W</i>	CALLED OUT <i>8 AM</i>	ON LOCATION <i>12 AM</i>	JOB START <i>1 AM</i>	JOB END <i>2 AM</i>
LEASE <i>Wilkins SD</i>		WELL # <i>1</i>		LOCATION <i>Healy 2 1/2 W N15</i>		COUNTY <i>Lane</i>	STATE <i>K.S.</i>
OLD OR <u>NEW</u> (Circle one)				<b>KCC</b>			

CONTRACTOR <i>Val Rig 1</i>	OWNER
TYPE OF JOB <i>Surface</i>	<b>MAY 30 2006</b>
HOLE SIZE <i>12 1/4</i> T.D. <i>238 #</i>	<b>CONFIDENTIAL</b>
CASING SIZE <i>20 #</i> <i>8 3/8</i> DEPTH <i>238 #</i>	CEMENT AMOUNT ORDERED <i>165 Common</i>
TUBING SIZE _____ DEPTH _____	<i>32cc 22 gal</i>
DRILL PIPE _____ DEPTH _____	
TOOL _____ DEPTH _____	
PRES. MAX _____ MINIMUM _____	
MEAS. LINE _____ SHOE JOINT _____	
CEMENT LEFT IN CSG. <i>15 #</i>	
PERFS. _____	
DISPLACEMENT <i>14 bbl</i>	

COMMON <i>165</i>	@	<i>8.70</i>	<i>1435.50</i>
POZMIX _____	@		
GEL <i>4</i>	@	<i>14.00</i>	<i>56.00</i>
CHLORIDE <i>5</i>	@	<i>38.00</i>	<i>190.00</i>
ASC _____	@		
_____	@		
_____	@		
_____	@		
_____	@		
_____	@		
_____	@		
HANDLING <i>174</i>	@	<i>1.60</i>	<i>278.40</i>
MILEAGE <i>52.6.174</i>			<i>542.88</i>
			<b>TOTAL <i>2502.78</i></b>

**EQUIPMENT**

PUMP TRUCK # <i>120</i>	CEMENTER <i>Mike M</i>
	HELPER <i>Rick H</i>
BULK TRUCK # <i>341</i>	DRIVER <i>Terry L</i>
BULK TRUCK # _____	DRIVER _____

**REMARKS:**

*Circulate Hole with Rig mud pump  
Mix Cement + Release Plug  
Displace plug Down with  
Water*

*Cement did circulate to  
Surface*

**SERVICE**

DEPTH OF JOB <i>238 #</i>		
PUMP TRUCK CHARGE		<i>670.00</i>
EXTRA FOOTAGE _____	@	
MILEAGE <i>52</i>	@	<i>5.00 260.00</i>
MANIFOLD _____	@	
_____	@	
_____	@	

CHARGE TO: *Ritchie Exp*

STREET \_\_\_\_\_

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

**TOTAL *930.00***

**PLUG & FLOAT EQUIPMENT**

<i>1-8 3/8</i> wooden Plug	@	<i>55.00</i>
_____	@	
_____	@	
_____	@	
_____	@	
<b>TOTAL <i>55.00</i></b>		

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.

TAX \_\_\_\_\_

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

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

SIGNATURE *Rick Smith*

*X* *Rick Smith*  
PRINTED NAME

*Thank you*

# ALLIED CEMENTING CO., INC.

22325

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

**KCC**

SERVICE POINT:

09Kley

MAY 30 2006

DATE <u>2-16-06</u>	SEC. <u>5</u>	TWP. <u>17s</u>	RANGE <u>30w</u>	ON LOCATION <u>5:30 AM</u>	JOB START <u>1:15 PM</u>	JOB FINISH <u>2:00 PM</u>
Wilkens LEASE <u>D.S.</u>	WELL # <u>1</u>	LOCATION <u>Healy 2w N/S</u>	COUNTY <u>Leone</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)						

CONTRACTOR Val Drlg Rig 1

TYPE OF JOB Production string

HOLE SIZE 7 1/8 T.D. 4602'

CASING SIZE 5 1/2 DEPTH 4605'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL Port collar DEPTH 2251'

PRES. MAX 1300# MINIMUM

MEAS. LINE SHOE JOINT 17.10'

CEMENT LEFT IN CSG. 17.10'

PERFS.

DISPLACEMENT 109 1/4 Bbls

EQUIPMENT

OWNER Same

CEMENT

AMOUNT ORDERED 225 sks 60/40 Poz 2% Gel  
10% salt 3/4 of 1% CD 31

COMMON	<u>135 sks</u>	@ <u>11.00</u>	<u>1485.00</u>
POZMIX	<u>90 sks</u>	@ <u>5.20</u>	<u>468.00</u>
GEL	<u>4 sks</u>	@ <u>15.00</u>	<u>60.00</u>
CHLORIDE		@	
ASC		@	
SALT	<u>23 sks</u>	@ <u>17.30</u>	<u>397.90</u>
Defoamer	<u>50#</u>	@ <u>6.50</u>	<u>325.00</u>
CD-31	<u>145#</u>	@ <u>6.75</u>	<u>978.75</u>
WFR-2	<u>500 gals</u>	@ <u>1.00</u>	<u>500.00</u>
HANDLING	<u>255 sks</u>	@ <u>1.70</u>	<u>433.50</u>
MILEAGE	<u>74 sk/mile</u>		<u>856.80</u>
TOTAL			<u>5504.95</u>

PUMP TRUCK CEMENTER Deqn

# 373-281 HELPER Jarrod

BULK TRUCK

# 218 DRIVER Larry

BULK TRUCK

# DRIVER

**REMARKS:**

Mix 500 gals WFR-2. Plug Rat Hole w/15 sks. Plug Mouse Hole w/10 sks. Mix 200 sks 60/40 Poz 2% Gel 10% Salt, 3/4 of 1% CD-31. Wash Pump & Line. Disp Plug to Insert. Lift Pressure 800#. Landed Plug at 1300#. Flood Held

Thank you

CHARGE TO: Ritchie Exploration Inc

STREET \_\_\_\_\_

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

**SERVICE**

DEPTH OF JOB	<u>4605'</u>		
PUMP TRUCK CHARGE			<u>1450.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>48 Miles</u>	@ <u>5.00</u>	<u>240.00</u>
MANIFOLD		@	
Head Rental		@	<u>80.00</u>
TOTAL			<u>1770.00</u>

**3/4 PLUG & FLOAT EQUIPMENT**

Guide shoe			<u>160.00</u>
API Insert	@		<u>235.00</u>
7-Turbo Centralizers	@ <u>60.00</u>		<u>420.00</u>
2-BASKET	@ <u>140.00</u>		<u>280.00</u>
Blue 1-Port Collar	@		<u>1750.00</u>
5/8 Rubber Plug	@		<u>60.00</u>
TOTAL			<u>2905.00</u>

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.

RECEIVED

TAX \_\_\_\_\_

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

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

SIGNATURE

Gar Row

PRINTED NAME

# ALLIED CEMENTING CO., INC.

22366

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

**KCC**  
MAY 30 2006

SERVICE POINT:  
OAKLEY

DATE <u>2-20-06</u>	SEC. <u>5</u>	TWP. <u>17S</u>	RANGE <u>30W</u>	CALLED OUT <b>CONFIDENTIAL</b>	ON LOCATION <u>11:45 AM</u>	JOB START <u>1:30 PM</u>	JOB FINISH <u>3:00 PM</u>
LEASE <u>WIKENS 50</u>	WELL # <u>1</u>	LOCATION <u>HEAVY 2W-N IN</u>			COUNTY <u>LANE</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR PLAINS INC.  
 TYPE OF JOB PORT COLLAR  
 HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_  
 CASING SIZE 5 1/2" DEPTH \_\_\_\_\_  
 TUBING SIZE 2 3/8" DEPTH 2249'  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_

OWNER SAME

CEMENT  
 AMOUNT ORDERED  
475 SKS 60/40 6% 6EL 1/4" FLO-SEAL  
USED 300 SKS 60/40 6% 6EL 1/4" FLO-SEAL

COMMON	<u>180 SKS</u>	@	<u>11.00</u>	<u>1980.00</u>
POZMIX	<u>120 SKS</u>	@	<u>5.20</u>	<u>624.00</u>
GEL	<u>15 SKS</u>	@	<u>15.00</u>	<u>225.00</u>
CHLORIDE		@		
ASC		@		
		@		
	<u>FLO-SEAL 75</u>	@	<u>1.80</u>	<u>135.00</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>500 SKS</u>	@	<u>1.70</u>	<u>850.00</u>
MILEAGE	<u>74 PER SK / MILE</u>			<u>2100.00</u>
TOTAL				<u>5914.00</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER TERRY  
 # 191 HELPER JARROD  
 BULK TRUCK  
 # 394 DRIVER MIKE  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

PRESSURE SYSTEM TO 1250 PSI.  
OPEN PORT COLLAR MIX 300 SKS  
60/40 6% 6EL 1/4" FLO-SEAL. DISPLACE  
8 BBL. CLOSE PORT COLLAR PRESSURE  
TO 1250 PSI. RAMP SPTS. REVERSE  
OUT.

THANK YOU

CHARGE TO: RITCHIE EXPLORATION  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB	<u>2249</u>		
PUMP TRUCK CHARGE			<u>860.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>60 MI</u>	@	<u>5.00</u> <u>300.00</u>
MANIFOLD		@	
		@	
		@	
TOTAL <u>1160.00</u>			

**PLUG & FLOAT EQUIPMENT**

	@		
	@		
	@		
	@		
	@		
TOTAL _____			
TAX	_____		
TOTAL CHARGE	_____		
DISCOUNT	_____ IF PAID IN 30 DAYS		

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 Gay Rowe

PRINTED NAME \_\_\_\_\_

RECEIVED  
 JUN 02 2006  
 KCC WICHITA

05/30/08



May 30, 2006

**KCC**  
**MAY 30 2006**  
**CONFIDENTIAL**

**RECEIVED**  
**JUN 02 2006**  
**KCC WICHITA**

State Corporation Commission  
Conservation Division  
130 S. Market, Room 2078  
Wichita, K.S 67202

RE: #1 Wilkens 5D  
Sec. 5-17S-30W  
Lane County, Kansas

To Whom It May Concern:

Enclosed please find an ACO-1 for the above referenced well. The required attachments have also been enclosed. Ritchie Exploration, Inc. would like for this to be held confidential for the maximum allowable time.

If you have any questions, please feel free to call the undersigned or John Niernberger at 316-691-9500. Thank you for all of your help in this matter.

Sincerely,

Debbie Phillips  
Accounting Supervisor

dkp

Enclosures