

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

RECEIVED

Form ACO-1  
September 1999  
Form Must Be Typed

NOV 29 2005

KCC WICHITA

ORIGINAL

CONFIDENTIAL

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 Niemberger  
 Phone: (316) 691-9500  
 Contractor: Name: American Eagle Drilling  
 License: 33493  
 Wellsite Geologist: Kim Shoemaker  
 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>8/16/05</u>	<u>8/24/05</u>	<u>8/24/05</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 135-24365-00-00  
 County: Ness    Approx. \_\_\_\_\_  
 Approx. NE SW NW Sec. 17 Twp. 16 S. R. 21  East  West  
1600 feet from S  (N) (circle one) Line of Section  
910 feet from E  (W) (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE  (NW) SW  
 Lease Name: Suppes    Well #: 2  
 Field Name: Bright Southwest Field  
 Producing Formation: Cherokee Sand  
 Elevation: Ground: 2347'    Kelly Bushing: 2352'  
 Total Depth: 4370'    Plug Back Total Depth: 4326'  
 Amount of Surface Pipe Set and Cemented at 211 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set 1614' Feet  
 If Alternate II completion, cement circulated from 1614'  
 feet depth to surface w/ 320 sx cmt.

Drilling Fluid Management Plan  
 (Data must be collected from the Reserve Pit) *Art D. Witham 1-28-08*  
 Chloride content 62000 ppm    Fluid volume 1000 bbls  
 Dewatering method used evaporation  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: KCC  
 Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. 3 Twp. 16 S. R. 21  East  West  
 County: \_\_\_\_\_ Docket No.: \_\_\_\_\_  
 CONFIDENTIAL

**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: [Signature]  
 Title: Production Manager    Date: November 28, 2005  
 Subscribed and sworn to before me this 28<sup>th</sup> day of November, 2005.  
 Notary Public: [Signature]  
 Date Commission Expires: 5/4/07

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**DEBRA K. PHILLIPS**  
 Notary Public - State of Kansas  
 My Appt. Expires 5/4/07

**CONFIDENTIAL**

Side Two

**ORIGINAL**

Operator Name: Ritchie Exploration, Inc. Lease Name: Suppes Well #: 2  
Sec. 17 Twp. 16 S. R. 21  East  West County: Ness Approx. \_\_\_\_\_

**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:

Compensated Density/Neutron PE Log  
Dual Induction Log

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

SEE ATTACHED **RECEIVED**  
NOV 29 2005  
KCC WICHITA

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	24#	211'	common	160	3%cc, 2% gel
Production	7-7/8	4-1/2"	10.5#	4365'	60/40 pozmix	135	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				

**KCC**  
OCT 28 2005  
**CONFIDENTIAL**

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	4280' - 4287'	1000 gals 7.5% Pentol Acid	Lower Cherokee Sand

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	4317'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
9/9/05			<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
	19		0		40.3

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



**RITCHIE**  
EXPLORATION, INC.  
Wichita, Kansas

**#2 Suppes**  
1600' FNL & 910' FWL  
Section 17-16S-21W  
Ness County, Kansas  
API# 15-135-24365-00-00  
Elevation: 2347' GL, 2352' KB

RECEIVED  
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<u>Sample Tops</u>			<u>Ref.</u>	<u>Well</u>
Anhydrite	1658'	+694	-10	
B/Anhydrite	1696'	+656	-10	
Heebner	3743'	-1391	-4	
Lansing	3483'	-1431	-4	
BKC	4050'	-1698	-5	
Pawnee	4130'	-1778	-3	
Fort Scott	4219'	-1867	-3	
Upper Cher. Sand	4246'	-1894	-14	
Lower Cher. Sand	4284'	-1932	-5	
Mississippian	4307'	-1955	-3	
RTD	4370'	-2018		

P.O. Box 783188  
Wichita, Kansas 67278-3188

(316) 691-9500  
Fax (316) 691-9550  
[rei@ritchie-exp.com](mailto:rei@ritchie-exp.com)

8100 E. 22<sup>nd</sup> St. N., Bldg. 700  
Wichita, Kansas 67226-2328

# ALLIED CEMENTING CO., INC.

17591

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

NOV 29 2005

SERVICE POINT: Wess City

KCC WICHITA

DATE <u>8-16-05</u>	SEC. <u>17</u>	TWP <u>16</u>	RANGE <u>21w</u>	CALLED OUT <u>7:30</u>	ON LOCATION <u>7:00</u>	JOB START <u>9:15</u>	JOB FINISH <u>10:00 pm</u>
LEASE <u>Suppes</u>	WELL # <u>2</u>	LOCATION <u>1 + 147 jet - 2 East</u>			COUNTY <u>Wess</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>		1 north - 1 East - 2 north into					

CONTRACTOR Eagle

TYPE OF JOB Surface Pipe

HOLE SIZE 12 1/4 T.D. 215

CASING SIZE 8 5/8 DEPTH 211

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

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

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

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

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

CEMENT LEFT IN CSG. approx 15'

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

DISPLACEMENT 13 BBL'S

OWNER Ritchie Exploration

CEMENT AMOUNT ORDERED 160 sy Common

390 alc + 290 gel

COMMON	<u>160</u>	@	<u>8.70</u>	<u>1392.00</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>14.00</u>	<u>56.00</u>
CHLORIDE	<u>5</u>	@	<u>38.00</u>	<u>190.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>169</u>	@	<u>1.60</u>	<u>270.40</u>
MILEAGE	<u>26.6</u>	@	<u>169</u>	<u>263.64</u>
TOTAL				<u>2172.04</u>

EQUIPMENT

PUMP TRUCK CEMENTER Jack

# 201 HELPER Jim

BULK TRUCK

# 342 DRIVER TERRY

BULK TRUCK

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

REMARKS:

Run 7 jts of 8 5/8 casg - cement with 160 sy cement. Displace plug with 13 BBL'S of fresh water - Cement did Circ.

Thanks

CHARGE TO: Ritchie Exploration

STREET \_\_\_\_\_

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

SERVICE

DEPTH OF JOB	<u>215</u>			
PUMP TRUCK CHARGE				<u>670.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>26</u>	@	<u>5.00</u>	<u>130.00</u>
		@		
		@		
TOTAL				<u>800.00</u>

PLUG & FLOAT EQUIPMENT

MANIFOLD		@		
<u>1-8 5/8 Wood</u>		@		<u>55.00</u>
		@		
		@		
TOTAL				<u>55.00</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.

TAX \_\_\_\_\_

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

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

SIGNATURE Don Anderson

Don Anderson  
PRINTED NAME

# ALLIED CEMENTING CO., INC.

17596

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

NOV 29 2005  
KCC WICHITA

SERVICE POINT:

Great Bend

DATE <u>8-21-05</u>	SEC. <u>17</u>	TWP <u>16</u>	RANGE <u>21w</u>	CALLED OUT <u>1:00 pm</u>	ON LOCATION <u>2:00 pm</u>	JOB START <u>3:00 pm</u>	JOB FINISH <u>9:10</u>
LEASE <u>Suppes</u>	WELL # <u>#2</u>	LOCATION <u>4 1/4 jct. - 2 East - north</u>			COUNTY <u>Miss</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)			<u>1-East - 1/2 north into</u>				

CONTRACTOR American Eagle

TYPE OF JOB long string 4 1/2 csg

HOLE SIZE 7 7/8 T.D. 4370

CASING SIZE 4 1/2 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 18'

PERFS.

DISPLACEMENT 70 DDLS

EQUIPMENT

PUMP TRUCK CEMENTER Jack

# HELPER Jim

BULK TRUCK

# DRIVER Steve

BULK TRUCK

# DRIVER

OWNER Ritchie Exploration

CEMENT

AMOUNT ORDERED 125 sy 10/10 Selt

Saturated - 1" CD-31 + 1/4" & Deform

COMMON	<u>75 sy</u>	@	<u>8.70</u>	<u>652.50</u>
POZMIX	<u>SD set</u>	@	<u>4.70</u>	<u>235.00</u>
GEL	<u>2 set</u>	@	<u>14.00</u>	<u>28.00</u>
CHLORIDE		@		
ASC		@		
SALT	<u>600 lb</u>	@	<u>15.75</u>	<u>94.50</u>
ACI-31	<u>81 lb</u>	@	<u>6.25</u>	<u>506.25</u>
Deform	<u>20 lb</u>	@	<u>5.75</u>	<u>115.00</u>
HANDLING	<u>134.44</u>	@	<u>1.60</u>	<u>214.40</u>
MILEAGE	<u>134.44</u>	@	<u>26</u>	<u>209.04</u>
TOTAL				<u>3,054.69</u>

REMARKS:

Run 123 jts of 4 1/2 csg Cice 15 min with mud  
hook up to truck & pump 10 BDB of water  
Plug Rathole with 15 sy cement -  
stack csg & run 110 sy cement. Dis'  
plug cplg with 70 DDLS & fresh water  
insert hole.

*Thanks*

CHARGE TO: Ritchie Exploration

STREET \_\_\_\_\_

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

SERVICE

DEPTH OF JOB	<u>4370'</u>		
PUMP TRUCK CHARGE			<u>1370.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>26</u>	@	<u>5.00</u> <u>130.00</u>
TOTAL <u>1500.00</u>			

PLUG & FLOAT EQUIPMENT

MANIFOLD		@	
5-4 1/2 centralizers		@	<u>45.00</u> <u>225.00</u>
1-4 1/2 basket		@	<u>116.00</u> <u>116.00</u>
1-4 1/2 post collar		@	<u>1600.00</u> <u>1600.00</u>
1-4 1/2 guide shoe		@	<u>125.00</u> <u>125.00</u>
1-4 1/2 insert			<u>210.00</u> <u>210.00</u>
TOTAL <u>2276.00</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.

SIGNATURE Bennie Dills

TAX \_\_\_\_\_

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

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

PRINTED NAME

# ALLIED CEMENTING CO., INC.

17599

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

RECEIVED SERVICE POINT:  
NOV 29 2005 Great Bend

DATE <u>8-29-05</u>	SEC. <u>17</u>	TWP. <u>16</u>	RANGE <u>21W</u>	CALLED OUT <u>8:00 am</u>	ARRIVED ON <u>11:00 am</u>	JOB START <u>2:00 pm</u>	JOB FINISH <u>4:30 pm</u>
LEASE <u>Suppes</u>	WELL # <u>42</u>	LOCATION <u>1/4 12/7 jct. 2 East 1 north</u>			COUNTY <u>Wes</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)		<u>1 East - 3/4 north thru pasture</u>					

CONTRACTOR H. D. Well Service

TYPE OF JOB Port Collar - 4 1/2"

HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_

CASING SIZE 1 1/2" DEPTH \_\_\_\_\_

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

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

TOOL Port Collar DEPTH 170 1/2'

PRES. MAX 1500' MINIMUM \_\_\_\_\_

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

CEMENT LEFT IN CSG. \_\_\_\_\_

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

DISPLACEMENT 5 BBL's

OWNER Ritchie Exploration

CEMENT

AMOUNT ORDERED 450 sks 40/40 6.2% gel  
+ 1/2 1/2 flo seal per sk

used 285 sks.

COMMON	<u>171</u>	@	<u>8.70</u>	<u>1487.70</u>
POZMIX	<u>114</u>	@	<u>4.70</u>	<u>535.80</u>
GEL	<u>17</u>	@	<u>14.00</u>	<u>238.00</u>
CHLORIDE		@		
ASC		@		
<u>flo seal 72</u>		@	<u>1.70</u>	<u>122.40</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>482</u>	@	<u>1.60</u>	<u>771.20</u>
MILEAGE	<u>26.482.6</u>			<u>751.92</u>
TOTAL				<u>3907.02</u>

REMARKS:

Wait on loggers to find port collar - 1615'  
Test Port Collar - Break circ of mix  
5x of cement, Reverse Out - 1 Run 10 jts  
& Clean Hole

Tanks

CHARGE TO: Ritchie Exploration

STREET \_\_\_\_\_

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

SERVICE

DEPTH OF JOB	_____		
PUMP TRUCK CHARGE	_____		<u>1320.00</u>
EXTRA FOOTAGE	_____	@	
MILEAGE <u>26</u>	_____	@	<u>5.00</u> <u>130.00</u>
		@	
		@	
TOTAL <u>1450.00</u>			

PLUG & FLOAT EQUIPMENT

MANIFOLD <u>Squeeze</u>	@	<u>75.00</u>
	@	
	@	
	@	
	@	
TOTAL <u>75.00</u>		

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SIGNATURE Bennie Dill

TAX \_\_\_\_\_

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

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

PRINTED NAME