

FORM MUST BE TYPED

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACG-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

**ORIGINAL**

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address 125 N. Market, Ste. 1000

City/State/Zip Wichita, KS 67202

Purchaser: \_\_\_\_\_

Operator Contact Person: Jeff Christian

Phone (316) 267-4375

Contractor: Name: Murfin Drilling Company, Inc.

License: 30606

Wellsite Geologist: K. Kessler **KCC**

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SIOW  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-Entry: old well info as follows:

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

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth 7-26-99

Deepening  Re-perf.  Conv. to SWD  
 Plug Back  PBSD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) Docket No. \_\_\_\_\_

05-06-93 05-12-93 05-12-93  
Spud Date Date Reached TD Completion Date

APT NO. 15- 137-20,387

County Norton 00-00

50' N of SE - SE - SE Sec. 15 Twp. 5S Rge. 23  E  W

330 Feet from (S)N (circle one) Line of Section

330 Feet from (E)W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, (S)E, NW or SW (circle one)

Lease Name John Sanborn Well # 1

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

Producing Formation: \_\_\_\_\_

Elevation: Ground 2154' KB 2159'

Total Depth 3560' PSTD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 212 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

Set depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan 6-30-93  
(Data must be collected from the Reserve Pit)

Chloride content 2500 ppm Fluid volume 632 bbls

Dewatering method used evaporation

Location of fluid disposal land offsite:

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

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

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

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

**CONFIDENTIAL**

**RELEASED**

**JUL 26 1995**

**FROM CONFIDENTIAL**

**PLEASE KEEP THIS INFORMATION CONFIDENTIAL**

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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 President Date 6-22-93

Subscribed and sworn to before me this 22 day of June, 19 93

Notary Public [Signature]

Date Commission Expires \_\_\_\_\_

**LISA THIMMESCH**  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 3-29-95

**K.C.C. OFFICE USE ONLY**  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Geologist Report Received  
 KCC  
 KGS  
Distributed to \_\_\_\_\_  
STATE CORPORATION COMMISSION  
JUN 23 1993  
KCPA  
Other \_\_\_\_\_  
(Specify)

Form ACG-1 CONSERVATION DIVISION  
Wichita, Kansas  
6-23-93  
**MAY 25 1993**  
PI

Operator Name Ritchie Exploration, Inc.

Lease Name John Sanborn

Well # 1

Sec. 15 Twp. 5S Rge. 23

East  
 West

County Norton

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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.)

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

List All E.Logs Run:

Radiation Guard Log

SEE ATTACHED SHEET

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"	20#	212'	60/40	180	2%Gel 3%CC
conductor	15"	13-3/8"	48#	35'	Common	50	

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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	
<b>PLEASE KEEP THIS INFORMATION CONFIDENTIAL</b>				

TUBING RECORD		Size	Set At	Packer At	Liner Run		
						<input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or Inj.			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:  
 Vented  Sold  Used on Lease  
 (If vented, submit ACO-18.)

METHOD OF COMPLETION Production Interval  
 Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify) \_\_\_\_\_

RITCHIE EXPLORATION, INC.

125 N. Market - Suite 1000  
Wichita, Kansas 67202-1775  
316-267-4375 FAX 316-267-3026

ORIGINAL

#1 John Sanborn  
50' N of SE SE SE  
Section 15-5S-23W  
Norton County, Kansas  
API# 15-137-20,387  
Elevation: 2154' G.L., 2159' K.B.

ELECTRIC LOG TOPS

Anhydrite	1792' (+ 367)
B/Anhydrite	1823' (+ 336)
Topeka	3101' (- 942)
Heebner	3304' (-1145)
Toronto	3329' (-1170)
Lansing	3346' (-1187)
B/KC	3534' (-1375)
LTD	3559' (-1400)

DST #1 from 3294' to 3340' (Toronto). Recovered 20' muddy water,  
no show of oil.

IFP:57-57#/30"; ISIP:1289#/30";  
FFP:66-66#/30"; FSIP:1279#/30".

DST #2 from 3360' to 3385' (35' zone). Recovered 880' water with  
few spots of oil.

IFP:95-219#/30"; ISIP:1231#/30";  
FFP:314-391#/30"; FSIP:1212#/30".

DST #3 from 3380' to 3400' (50' zone). Recovered 3' free oil and  
122' water.

IFP:38-38#/45"; ISIP:1270#/45";  
FFP:66-66#/45"; FSIP:1270#/45".

DST #4 from 3442' to 3500' (140' and 180' zones). Recovered 5' mud.

IFP:66-66#/30"; ISIP:190#/30";  
FFP:66-66#/30"; FSIP:124#/30".

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JUL 26 1995

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RECEIVED  
STATE CORPORATION COMMISSION  
JUN 23 1993  
CONSERVATION DIVISION  
Wichita, Kansas

Well, Kansas  
 061, Great Bend, Kansas

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

**ORIGINAL**  
**ALLIED CEMENTING CO., INC.**  
 Home Office P. O. Box 31  
 Russell, Kansas 67665

5250

*7100*

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
5-12-93	15	5 <sup>S</sup>	23 <sup>W</sup>	12:30pm	3:30pm	5:15pm	7:30pm
Lease John Sanborn	Well No. 1	Location Norton 145 To Hwy 9-15- Winto			County Norton	State KS	

Contractor <i>Murkin Dily</i>	Owner <i>Ritchie Exploration</i>
Type Job <i>PTA</i>	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 listed.
Hole Size <i>7 7/8</i>	T.D. <i>3560</i>
Csg.	Depth
Tbg. Size	Depth
Drill Pipe <i>4 1/2 16.6</i>	Depth <i>1820</i>
Tool	Depth
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Meas Line	Displace
Perf.	

Charge To <i>Ritchie Exploration</i>
Street <i>175 N Market #1000</i>
City <i>Wichita</i> State <i>Kan 67202</i>
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. *[Signature]*  
 X  
**CEMENT**

Amount Ordered	<i>190 60/40 6 2/2 Gel 1/4 CelloHole</i>
Consisting of	
Common	<i>114 sk 2 6 85</i>
Poz. Mix	<i>76 sk 2 3 00</i>
Gel.	<i>7 sk 2 7 00</i>
Chloride	
Quickset	
CelloHole	<i>2 sks (50 lbs) 2 1 10</i>
Sales Tax	

Handling	<i>1 00 per sk</i>	<i>190 00</i>
Mileage	<i>4¢ per sk/mile</i>	<i>387 60</i>
51 miles		
Copy T.H.T.		
5.25		
Sub Total		<i>4690 50</i>
Total		

**EQUIPMENT**

Pumptrk	No. <i>300</i>	Cementer <i>Fitz</i>	
		Helper <i>Terry</i>	
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	<i>212</i>	Driver <i>Steve</i>	
Bulktrk		Driver	

DEPTH of Job	<i>1820</i>	
Reference:	<i>1 8 5/8 Dry Hole Plug</i>	<i>21 00</i>
	<i>Pumptruck</i>	<i>430 00</i>
	<i>2 25 per mile</i>	<i>114 75</i>
	Sub Total	
	Tax	
	Total	<i>565 75</i>

Remarks: *25 sks @ 1820*  
*100 sks @ 10 00*  
*100 sks @ 250*  
*1 sk @ 40*  
*sin Rathole*

Floating Equipment

**RELEASED**

**JUL 26 1995**

**FROM CONFIDENTIAL**

**RECEIVED**  
 STATE CORPORATION COMMISSION  
**JUN 23 1995**  
 CONSERVATION DIVISION  
 Wichita, Kansas

Russell, Kansas  
5861, Great Bend, Kansas

Phone Plainville 913-434-2812  
Phone Ness City 913-798-3843

# ORIGINAL ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31  
Russell, Kansas 67665

5245

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
4-30-93	15	5 <sup>S</sup>	23 <sup>W</sup>	12:00pm	3:00pm	3:15pm	3:30pm
Lease John Sänborn		Well No. #1	Location		County Norton	State KS	

Contractor <i>Murphy</i>	
Type Job <i>Surface</i>	
Hole Size <i>15</i>	T.D. <i>39</i>
Csg. <i>13 3/8 48"</i>	Depth <i>39.60</i>
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Cement Left in Csg. <i>10</i>	Shoe Joint
Press Max.	Minimum
Meas Line	Displace
Perf.	

Owner *Richie Exploration*  
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 listed.

Charge To *Richie Exploration*  
Street *125 N. Market, #1000*  
City *Wichita* State *Kan 67202*  
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. *[Signature]*  
X

**CEMENT**

Amount Ordered	<i>50sk A 2% CC</i>
Consisting of	
Common	<i>50sk 2 6 85 342 50</i>
Poz. Mix	
Gel.	
Chloride	<i>1sk 2 25 00 25 00</i>
Quickset	

**EQUIPMENT**

<i>O'Kley</i> No.	Cementer	<i>Fitz</i>
Pumptrk <i>191</i>	Helper	<i>Terry</i>
No.	Cementer	
Pumptrk	Helper	
	Driver	<i>Steve</i>
Bulktrk <i>212</i>	Driver	

DEPTH of Job	<i>35 ft</i>
Reference:	
	<i>Pumptruck 430 00</i>
	<i>225 per mile 114 75</i>
	Sub Total
	Tax
	Total <i>544 75</i>

Sales Tax	
Handling	<i>1 00 per sk 50 00</i>
Mileage	<i>4¢ per sk 1 mile 102 00</i>
	<i>51 miles copy T/H.T. 56.95 SA</i>
Sub Total	<i>519 50</i>
Total	
Floating Equipment	

Remarks: *Mix Cement - Displace Cement to within 10 ft from bottom (No Plug Used) Cement Did Circulate Job finished*

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JUL 26 1995

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STATE CORPORATION COMMISSION  
MAY 6 1995

JUN 23 1995

CONSERVATION DIVISION  
Wichita, Kansas

Russell, Kansas  
 916-793-5861, Great Bend, Kansas

NEW ORIGINAL

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

5720

Home Office P. O. Box 31

Russell, Kansas 67665

Date	5-6-93	Sec.	4	Twp.	10	Range	9	Called Out	6:30 PM	On Location	8:30 PM	Job Start	10:30 PM	Finish	11:15 PM
Lease	John Sanborn	Well No.	1	Location	18N 2W 1S Hill City			County	Norton	State	KS				

Contractor	Murfin Drlg	Owner	Ritche Exploration Inc
Type Job	Surface	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 listed.	
Hole Size	12 1/4	T.D.	212
Csg.	8 5/8 20'	Depth	212
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	15'	Shoe Joint	
Press Max.	200 #	Minimum	200 #
Meas Line		Displace	13 3/4 Bbl
Perf.			

Charge To	Ritche Exploration Inc
Street	125 N Market #1000
City	Wichita
State	Kan
	67202
The above was done to satisfaction and supervision of owner agent or contractor.	

Purchase Order No.  
 X *Gene Bell*

**EQUIPMENT**

Hay	3	No.		Cementer	Dean Rundle
Pumptrk	277			Helper	
		No.		Cementer	
Pumptrk	279			Helper	Carl Battis
				Driver	Wayne
Bulktrk	218				
Bulktrk				Driver	

**CEMENT**

Amount Ordered	180	60/4039.00	29.6el
Consisting of			
Common	108	SKS	685 739.80
Poz. Mix	72	SKS	3.00 216.00
Gel.	3	SKS	7.00 N/C
Chloride	5	SKS	25.00 125.00
Quickset			

**DEPTH of Job**

Reference:	Pump Trk chrg	430.00
	2 25' per mile 5 miles	114.75
	8 5/8 Plug	42.00
	Sub Total	586.75
	Tax	
	Total	

**RELEASED**

Handling	JUL 26 1995	1.00	180.00
Mileage	51 miles	.04	367.20
Sub Total			1628.00
Total			

Remarks: Ran 5 Joints of 8 5/8 csg  
 Cement Did Circulate

Floating Equipment  
 MAY 9 3 1009308

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 STATE CORPORATION COMMISSION  
 JUN 23 1993  
 CONSERVATION DIVISION  
 MAY 13 1993

Thanks