

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

00-00  
**ORIGINAL**

Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address 125 N. Market, Suite 1000  
City/State/Zip Wichita, KS 67202  
Purchaser: N/A  
Operator Contact Person: Lisa Thimmesch  
Phone (316) 267-4375  
Contractor: Name: Murfin Drilling  
License: 30606  
Wellsite Geologist: B. Mathiesen

**CONFIDENTIAL**

API NO. 15- 065-22,742  
County Graham  
SW - NE - SW - Sec. 34 Twp. 6 Rge. 23W  
1650 Feet from S/N (circle one) Line of Section  
1680 Feet from E/W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or W (circle one)  
Lease Name P.E. Brassfield Well # 1  
Field Name \_\_\_\_\_  
Producing Formation N/A  
Elevation: Ground 2424 KB \_\_\_\_\_  
Total Depth 3920 PBDT 3920  
Amount of Surface Pipe Set and Cemented at 248' Feet  
Multiple Stage Cementing Collar Used? Yes X No \_\_\_\_\_  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 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 \_\_\_\_\_  
Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD  
Plug Back \_\_\_\_\_ PBDT \_\_\_\_\_  
Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_  
6-24-94 6-30-94 6-30-94  
Spud Date Date Reached TD Completion Date

Drilling Fluid Management Plan D&A 294 12-20-94  
(Data must be collected from the Reserve Pit)  
Chloride content 2,000ppm Fluid volume 800 bbls  
Dewatering method used evaporation  
Location of fluid disposal plugged offsite  
Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W \_\_\_\_\_  
County \_\_\_\_\_

**PLEASE KEEP THIS INFORMATION CONFIDENTIAL**  
**RELEASED 10-26-95 OCT 26 1995**

**FROM CONFIDENTIAL**

**RECEIVED**  
KANSAS CORPORATION COMMISSION

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 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 Jeff Christian  
Title Geologist Date 8-9-94  
Subscribed and sworn to before me this 9th day of August 19 94.  
Notary Public Lisa Thimmesch  
Date Commission Expires \_\_\_\_\_

LISA THIMMESCH  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 8-24-95

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
G  Geologist Report Received  
Distribution  
 KCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA  
 KGS \_\_\_\_\_ Plug \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)

Operator Name Ritchie Exploration, Inc. Lease Name P.E. Brassfield Well # 1  
 Sec. 34 Twp. 6 Rge. 23W  East County Graham  
 West

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 Datum  Sample  
 Name Top Datum

See attached sheet

List All E.Logs Run:  
 Radiation Guard 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#	248	60/40 poz	180	2% gel 3% CC

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back To <input type="checkbox"/> Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

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 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:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

RITCHIE EXPLORATION, INC.

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

ORIGINAL

#1 P.E. Brassfield  
SW NE SW  
Section 34-6S-23W  
Graham County, Kansas  
API# 15-065-22,742  
Elevation: 2424' G.L. 2429' K.B.

CONFIDENTIAL

ELECTRIC LOG TOPS

Anhydrite	2077' (+ 352)
B/Anhy	2111' (+ 318)
Topeka	3451' (-1022)
Heebner	3653' (-1224)
Toronto	3678' (-1249)
Lansing	3693' (-1264)
B/KC	3884' (-1455)
LTD	3920' (-1491)

DST #1 from 3712' to 3756' (35' and 50' zones). Recovered 320' muddy water.

IFP:52-134#/45"; ISIP:1258#/45";  
FFP:153-197#/45"; FSIP:1220#/45".

DST #2 from 3753' to 3796' (70' zone). Recovered 2' mud, no show of oil

IFP:22-22#/30"; ISIP:22#/30";  
FFP:Not taken; FSIP:Not taken.

DST #3 from 3855' to 3920' (200' and 220' zones). Recovered 240' muddy water, no show of oil.

IFP:67-89#/45"; ISIP:1175#/45";  
FFP:127-142#/45"; FSIP:1100#/45".

RELEASED

OCT 26 1995  
10-26-95  
FROM CONFIDENTIAL

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INFORMATION  
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KANSAS CORPORATION COMMISSION

AUG 10 1994  
8-10-94  
CONSERVATION DIVISION  
WICHITA, KS

**CONFIDENTIAL ORIGINAL**

Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

4467

Home Office P. O. Box 31

Russell, Kansas 67665

*New*

Date	6-24-94	Sec.	34	Fwp.	6	Range	23	Called Out	On Location	Job Start	Finish	
									4 PM		2 AM	
Lease	Brassfield	Well No.	1	Location	Hill City 8N2W				County	Graham	State	Kan

Contractor	Owner
Type Job	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	Charge To
Csg.	To Ritchie Exp.
Tbg. Size	Street
Drill Pipe	125 N Market #1000
Tool	City
Cement Left in Csg.	Wichita State Kan 67202
Press Max.	The above was done to satisfaction and supervision of owner agent or contractor.
Meas Line	Purchase Order No.
Perf.	X <i>Keith Vastred</i>

<b>EQUIPMENT</b>			
Pumptrk	No.	Cementer	M Adoo
	177	Helper	Glenn
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	160	Driver	Paul
Bulktrk		Driver	

<b>CEMENT</b>	
Amount Ordered	170 <sup>60</sup> / <sub>40</sub> 3% CC 2% heli
Consisting of	
Common	102 575 586.50
Poz. Mix	68 300 204.00
Gel.	3 9.00 N/G
Chloride	5 25.00 125.00
Quickset	<b>RELEASED</b>

DEPTH of Job		
Reference:	Pump Truck	43000
	Plug	21.00
	2.25 Per mile 45m	101.25
	Sub Total	552.25
	Tax	
	Total	

Handling	FROM CONFIDENTIAL	100	170.00
Mileage	45m	.04	306.00
	Sub Total		1418.50
	<b>RECEIVED</b>		1397.50

Remarks:

*Cement Did Cir.  
4B*

KANSAS CORPORATION COMMISSION

**AUG 10 1994**

CONSERVATION DIVISION  
WICHITA, KS

**ALLIED CEMENTING CO., INC.**

7994

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

Date <i>6-30-94</i>	Sec. <i>34</i>	Twp. <i>65</i>	Range <i>23W</i>	Called Out	On Location <i>7:30 PM</i>	Job Start <i>9:00 PM</i>	Finish <i>12:00 AM</i>
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Lease <i>Brasfield</i>	Well No. <i>1</i>	Location <i>Hill City 8N2W</i>	County <i>Graham</i>	State <i>Ks</i>
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Contractor <i>Martin Dely Rig 8</i>	Owner <i>YN</i>
Type Job <i>plug</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>3920</i>
Csg.	Depth
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Meas Line	Displace
Perf.	

Charge To <i>Ritchie Exploration Inc</i>
Street <i>125 N Market #1000</i>
City <i>Wichita</i> State <i>Kan</i> <i>67202</i>
The above was done to satisfaction and supervision of owner agent or contractor.
Purchase Order No.
<i>Jim Dickinson</i>

**EQUIPMENT**

Pumptrk <i>153</i>	No.	Cementor	<i>Dave</i>
		Helper	
Pumptrk	No.	Cementor	<i>Steve</i>
		Helper	
Bulktrk <i>272</i>		Driver	
Bulktrk		Driver	

Amount Ordered <i>190<sup>00</sup> 6% gel 3% CC</i>	<b>CEMENT</b>	
Consisting of		
Common <i>114</i>	<i>5.75</i>	<i>655.50</i>
Poz. Mix <i>76</i>	<i>3.00</i>	<i>228.00</i>
Gel. <i>10</i>	<i>9.00</i>	<i>90.00</i>
Chloride <i>5</i>	<i>25.00</i>	<i>125.00</i>
Quickset		

OCT 26 1995

Handling <i>FROM CONFIDENTIAL</i>	Sales Tax <i>1.00</i>	<i>190.00</i>
Mileage <i>45m</i>	<i>04</i>	<i>342.00</i>
	Sub Total	<i>1630.50</i>
	Total	

<b>DEPTH of Job</b>	
Reference:	
<i>Pump trk city</i>	<i>430.00</i>
<i>2 2 1/2" per mile</i>	<i>45m 101.25</i>
<i>plug</i>	<i>21.00</i>
Sub Total	<i>552.25</i>
Tax	
Total	

Floating Equipment

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 KANSAS CORPORATION COMMISSION  
 JUN 9 4 1012371  
 AUG 10 1994

Remarks:  
*25 sk @ 2100*  
*100 @ 1275*  
*40 @ 300*  
*10 @ 40 w/c plug*  
*15 Red hole,*

CONSERVATION DIVISION  
 WICHITA, KS