

CONFIDENTIAL

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

ORIGINAL

Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address 125 N. Market, Suite 1000  
Wichita, KS 67202  
Purchaser: Texaco  
Operator Contact Person: Lis Thimmesch  
Phone ( 316 ) 267-4375  
Contractor: Name: White & Ellis  
License: 5420  
Wellsite Geologist: Rocky Milford

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOV  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 \_\_\_\_\_  
Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_  
4-1-94 44444444 12-94 5-9-94  
Spud Date Date Reached TD Completion Date

API NO. 15- 101-21,674-00-00  
County Lane  
NE - NE - NE Sec. 1 Twp. 19 Rge. 28W  
330 Feet from S/W (circle one) Line of Section  
330 Feet from E/W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 SE, NW or SW (circle one)  
Lease Name Buerkle Farms Well # 1  
Field Name \_\_\_\_\_  
Producing Formation L/KC  
Elevation: Ground 2733 KB 2738  
Total Depth 4650 PBTD 4578  
Amount of Surface Pipe Set and Cemented at 213 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2053 Feet  
If Alternate II completion, cement circulated from 2053  
feet depth to surface w/ 375 sx cat.

Drilling Fluid Management Plan ALT 2 JN 10-18-94  
(Data must be collected from the Reserve Pit)  
Chloride content 20000 ppm Fluid volume 772 bbls  
Dewatering method used evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
JUL 15 1996 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W \_\_\_\_\_  
County \_\_\_\_\_ Docket No. \_\_\_\_\_

RELEASED  
DO NOT 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 6/15/94  
Subscribed and sworn to before me this 15th day of June 19 94  
Notary Public Lisa Thimmesch  
Date Commission Expires \_\_\_\_\_

LISA THIMMESCH  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 8-29-95

K.C.G. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
G  Geologist Report Received  
DISTRIBUTION  
JUN 16 1994  
\_\_\_\_\_ KGS \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA  
\_\_\_\_\_ Plug \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)  
CONSERVATION DIVISION  
Wichita, Kansas

06-16-1994

Operator Name Ritchie Exploration, Inc. Lease Name Buerkle Farms Well # 1  
 Sec. 1 Twp. 19 Rge. 28W  East  West  
 County Lane

ORIGINAL

**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

List All E.Logs Run:  
 Radiation Guard Log, Correlation Log  
 Correlation Sonic Cement Bond 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 1/2	8 5/8	20#	213	60/40 pdz	140	2% gel 3% CC
production	7 7/8	5 1/2	14#	4649	60/40poz	4649	10% salt

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
3	4605'-4608	Mississippi		
	4578'	Bridge plug		
3	4314'-4319'	L/KC "L"		
3	4298'-4300'	L/KC Middle		
	4268.5	L/KC "R"		

TUBING RECORD		Size	Set At	Producing Method	Liner Run
		2 3/8"	4308'	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	5-9-94				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	45.00	0.00	23.00		

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 \_\_\_\_\_

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

RITCHIE EXPLORATION, INC.

125 N. Market - Suite 1000

Wichita, Kansas 67202-1775

316-267-4375 FAX 316-267-3026

CONFIDENTIAL

ORIGINAL

#1 Buerkle Farms

NE NE NE

Section 1-19S-28W

Lane County, Kansas

API# 15-101-21,674-00-00

Elevation: 2733' G.L. 2738' K.B.

RELEASED

JUL 15 1996

FROM CONFIDENTIAL

ELECTRIC LOG TOPS

Anhydrite	2087' (+ 651)
B/Anhy	2117' (+ 621)
Heebner	3948' (-1210)
Lansing	3985' (-1247)
Stark	4257' (-1519)
B/KC	4339' (-1601)
Marmaton	4369' (-1631)
Pawnee	4456' (-1718)
Fort Scott	4514' (-1776)
Cherokee	4535' (-1797)
Johnson zn	4571' (-1833)
Mississippi	4605' (-1867)
LTD	4650' (-1912)

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

KCC

JUN 15

CONFIDENTIAL

DST #1 from 4220' to 4241' ("J" zone). Recovered 6' gas in pipe, 2' clean oil, 55' oil cut watery mud (15% oil, 5% water, 80% mud), 60' watery mud, 60' water. 177' total fluid.

IFP:24-48#/45"; ISIP:848#/45";  
FFP:68-97#/45"; FSIP:828#/45".

DST #2 from 4256' to 4277' ("K" zone). Recovered 720' gas in pipe, 190' gassy mud cut oil (60% oil, 20% gas, 20% mud), 180' water with few oil spots.

IFP:29-68#/30"; ISIP:955#/30";  
FFP:87-126#/30"; FSIP:935#/30".

DST #3 from 4296' to 4324' (Middle Creek & "L" zone). Recovered 720' gas in pipe, 434' clean gassy oil - 39° gravity (10% gas, 90% oil), 124' gassy mud cut oil (10% gas, 60% oil, 30% mud), 174' gassy water cut oil (10% gas, 75% oil, 15% water), 70' water. 802' total fluid.

IFP:48-146#/30"; ISIP:1131#/30";  
FFP:214-322#/30"; FSIP:1102#/30".

DST #4 from 4334' to 4475' (Pleasanton - Pawnee). Recovered 10' mud.

IFP:58-58#/30"; ISIP:68#/30";  
FFP:58-58#/30"; FSIP:58#/30".

DST #5 from 4501' to 4595' (Fort Scott - Conglomerate sd). Recovered 5' mud.

IFP:48-48#/45"; ISIP:77#/45";  
FFP:48-48#/30"; FSIP:48#/30".

RECEIVED  
STATE CORPORATION COMMISSION

DST #6 from 4579' to 4612' (Mississippi). Recovered 186' clean oil, 186' oil cut mud (20% oil, 80% mud), 124' oil cut muddy water (10% oil, 60% water, 30% mud), 186' water. 682' total fluid.

IFP:77-155#/30"; ISIP:1169#/30";  
FFP:213-281#/30"; FSIP:1150#/30".

JUN 16 1994

WICHITA, KANSAS

# ORIGINAL CONFIDENTIAL

Phone 913-483-2627, Russell, KS

Phone 913-625-5516, Hays, KS

Phone 316-886-5926, Medicine Lodge, KS

Phone 316-793-5861, Great Bend, KS

Phone 913-672-3471, Oakley, KS

Phone 913-798-3843, Ness City, KS

## ALLIED CEMENTING CO., INC.

6111

Home Office P. O. Box 31

Russell, Kansas 67665

*New*

Date <i>4/1/94</i>	Sec. <i>1</i>	Twp. <i>19S</i>	Range <i>28W</i>	Called Out <i>1 PM</i>	On Location <i>2 PM</i>	Job Start <i>4:30</i>	Finish <i>5: PM</i>
Lease <i>Buerkle Farm</i>	Well No. <i>1</i>	Location <i>Alamo 3W 3S W side</i>			County <i>Lane</i>	State <i>Ks.</i>	

Contractor <i>White &amp; Ellis 9</i>	
Type Job <i>Surface</i>	
Hole Size <i>12 1/4</i>	T.D. <i>214'</i>
Csg. <i>8 5/8" 20#</i>	Depth <i>213'</i>
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Cement Left in Csg. <i>15'</i>	Shoe Joint
Press Max.	Minimum
Meas Line	Displace <i>13 bbl</i>
Perf.	

Owner <i>Sgme</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.
Charge To <i>Ritchie Exploration Inc.</i>
Street <i>125 N. Market Suite 1000</i>
City <i>Wichita</i> State <i>Ko.</i> <i>67202</i>
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. <i>NCC</i>
X <i>James Cromwell</i> JUN 15
<b>CEMENT CONFIDENTIAL</b>
Amount Ordered <i>140 6% 2% Gel 3% CC</i>

**EQUIPMENT**

No.	Cementor	Helper
Pumptrk <i>224</i>	<i>Gary</i>	<i>Mike</i>
No.	Cementor	Helper
Pumptrk		
	Driver	<i>Bill</i>
Bulktrk <i>116</i>		
Bulktrk	Driver	

Consisting of			
Common	<i>84</i>	<i>5.75</i>	<i>483.00</i>
Poz. Mix	<i>56</i>	<i>3.00</i>	<i>168.00</i>
Gel.	<i>82</i>	<i>9.00</i>	<i>18.00</i>
Chloride	<i>4</i>	<b>RELEASED</b>	<i>25.00</i>
Quickset			

JUL 15 1994

DEPTH of Job		Reference:	
		<i>Pump Truck</i>	<i>430.00</i>
	<i>28</i>	<i>Mileage</i>	<i>63.00</i>
		<i>8 5/8" TWP</i>	<i>42.00</i>
		<b>Total</b>	<i>535.00</i>

Handling <i>140</i>	<b>FROM CONFIDENTIAL</b>	<i>7.00</i>	<i>140.00</i>
Mileage <i>28</i>			<i>156.80</i>
<i>copy to H.T. 4-12-94 SW</i>			
<b>Total</b>			<i>1065.80</i>

Remarks: *Cement circulated.*

*Thank you!*

*Way D. Jones*

Floating Equipment	
<b>Total \$</b>	<i>1600.80</i>
<b>Disc</b>	<i>320.16</i>
<b>RECEIVED</b>	<i>1280.64</i>
<b>STATE BARROTT COMMISSION</b>	<i>78.44</i>
<b>JUN 16 1994</b>	<i>1359.08</i>
CONSERVATION DIVISION Wichita, Kansas	

Phone 913-483-2627, Russell, KS  
 Phone 316-793-5861, Great Bend, KS

**ORIGINAL**  
 Phone 913-625-5516, Hays, KS  
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS  
 Phone 913-798-3843, Ness City, KS

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

6117  
**CONFIDENTIAL**

New

Date	4/12/94	Sec.	1	Twp.	19	Range	28	Called Out		On Location	4-11 9:30 PM	Job Start	4-12 03:40 AM	Finish	04:30 AM
Lease	Buerkle Farm	Well No.	1	Location	Alamogordo 3W 35 W side	Lane		County		State	Ks.				

Contractor	White & Ellis 9
Type Job	Long String
Hole Size	7 7/8
Csg.	5 1/2 14"
Tbg. Size	
Drill Pipe	
Tool	Part Celler
Cement Left in Csg.	
Press Max.	1500
Meas Line	yes
Perf.	

Owner	Same
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	Ritchie Exploration Inc.
Street	125 N. Market Suite 1000
City	Wichita
State	Ks. 67202
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	Bessie Dilla NCC
420 gal Mud Flush	CEMENT JUN 15

**EQUIPMENT**

No.	Cementer	Gary
Pumptrk 224	Helper	Mike
No.	Cementer	
Pumptrk	Helper	
	Driver	Bur
Bulktrk 116		
Bulktrk	Driver	

Amount Ordered	150 60/40 10% Salt	CONFIDENTIAL
Consisting of		
Common	90	5.75 517.50
Poz. Mix	60	3.00 180.00
Gel.		
Chloride	(ASF)	
Quickset	(Mud Flush) 420 gal	1.00 420.00
Salt	15	7.00 105.00
Handling	150	1.00 150.00
Mileage	28	RELEASED 168.00

DEPTH of Job	4649'
Reference:	Pump Truck 1038.00
28 Mileage	63.00
5 1/2" Rotating Head	75.00
5 1/2" Top Rubber Plug	45.00
Total	1221.00

FROM CONFIDENTIAL	Total 1540.50
Floating Equipment	
Baker Part Celler	- 1785.00
" GS	- 125.00
" IF	- 189.00
"	127.00
"	336.00

Remarks: Pump Flush (420 gal) plug outside mix pump  
 150 sx 60/40 10% salt. Release plug. Displace w/water. Float @ 4638. Float did not hold. Shut-in @ 590'

Thank you  
 Steve L. Herod

RECEIVED  
 STATE CORPORATION COMMISSION  
 JUN 16 1994  
 CONSERVATION DIVISION  
 Wichita, Kansas  
 (2562.00)

ORIGINAL

.627, Russell, KS  
93-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS  
Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS  
Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

6123  
CONFIDENTIAL

New

Date 4/20/94	Sec. 1	Twp. 19S	Range 28W	Called Out	On Location 10 AM	Job Start 11 AM	Finish 12:30 PM
Lease Buertle Farms	Well No. 2	Location Alameda 3W3S		County Lane	State Ks.		

Contractor Plains	Owner Sane
Type Job Port Collar	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 7 7/8	T.D. 4650
Csg. 5 1/2	Depth 4649
Tbg. Size	Depth
Drill Pipe	Depth
Tool Baker Port Collar	Depth 2055
Cement Left in Csg.	Shoe Joint
Press Max. 1200	Minimum
Meas Line	Displace 7.9661
Perf.	

Charge To Ritchie Exploration Inc.
Street 125 N. Market Suite 100
City Wichita State Ks. 67202
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
X Bennie Pills
2 gal on side CEMENT Used 375.5x
Amount Ordered 400 5% 6% Gel 1/4 F.S.

EQUIPMENT

No.	Cementer	Gary
Pumptrk 224	Helper	Mike
No.	Cementer	
Pumptrk	Helper	
	Driver	Bill
Bulktrk 199	Driver	

Consisting of			
Common 188	5.75	1081.00	
Poz. Mix 187	3.00	561.00	
Gel. 22	9.00	198.00	
Chloride	n/c		
Quickset			
Glo Seal - JUN 16	1.10	103.40	

RELEASED

DEPTH of Job

Reference:	Pump Truck # 15 1994	525.00
28	Mileage FROM CONFIDENTIAL	63.00
	Stripper Head	75.00
	Total	663.00

Handling 400	1.00	400.00
Mileage 28		448.00
COPS T/H.T. \$4.94		
Subtotal		
		Total 2791.4

Remarks: Precede cement w/10 bbl galled water.  
 Mix + pump 375.5x 5% 6% Gel 1/4 F.S. Displace  
 6 bbl, close tool, pump 10 bbl reverse out. Run 8'  
 tbg + turn hole w/40 bbl.  
 Cement did circulate.

Floating Equipment		
TOTAL \$	3454.40	
Disc	690.88	

RECEIVED  
 STATE CORPORATION COMMISSION  
 JUN 16 1994  
 2763.52  
 CONSERVATION DIVISION  
 Wichita, Kansas

Thompson  
 Hays & Hays