

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

CONFIDENTIAL

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

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: _____
 License: _____
 Wellsite Geologist: _____
 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>08/20/04</u>	<u>08/25/04</u>	<u>08/25/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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API No. 15 - 147-20,560-06-01
 County: Phillips
SE SE SE Sec. 23 Twp. 04 S. R. 20 East West
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:
 (circle one) NE (SE) NW SW
 Lease Name: Boyd Well #: 1
 Field Name: _____
 Producing Formation: L/KC
 Elevation: Ground: 2026' Kelly Bushing: 2031'
 Total Depth: 3510' Plug Back Total Depth: 3470'
 Amount of Surface Pipe Set and Cemented at 208' Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 1534' Feet
 If Alternate II completion, cement circulated from 1534'
 feet depth to Surface w/ 225 sx cm.

Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit)
 Chloride content _____ ppm Fluid volume _____ bbls
 Dewatering method used _____
 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: 12-27-04
 Subscribed and sworn to before me this 27 day of December,
2004.
 Notary Public: _____
 Date Commission Expires: _____

My Appt. Expires 10-11-10
 Notary Public - State of Kansas
JENNIFER L. FOSS

KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: 12/28/04
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Ritchie Exploration, Inc. Lease Name: Boyd Well #: 1
 Sec. 23 Twp. 04 S. R. 20 East West County: Phillips

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:

Radiation Guard

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

See Attached Document

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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#	208	60/40 poz	140	2% gel, 4% C
Production	7 7/8"	5 1/2"	14#	3507'	EA-2	135	5% Calseal, 10% Salt, 0.4% Helad-, 5# Gilsomit, 1.4# D-Air

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
3	3252' - 3254', 3255' - 3257' (LKC 06/95)	750 gals 15% NE Acid (02/00)	
4	3219' - 3222' (LKC 08/04)	1250 gals 15% NE Acid (08/04)	
4	3235' - 3240' (LKC 08/04)	1250 gals 15% NE Acid (08/04)	
4	3330' - 3333.5' (LKC 08/04)	750 gals 15% NE Acid (08/04)	
4	3348.5' - 3353' (LKC 08/04)	750 gals 15% NE Acid (08/04)	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	3459'	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
08/26/04	<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
	35.91		87.93		

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

#1 Boyd
SE SE SE
Section 23-4S-20W
Phillips County, Kansas
API# 15-147-20,560 -∞-∞
Elevation: 2026' G.L. 2031' K.B.

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ELECTRIC LOG TOPS

Anhydrite	1560' (+ 471)
B/Anhy	1586' (+ 445)
Topeka	2944' (- 913)
Heebner	3138' (-1107)
Toronto	3168' (-1137)
Lansing	3184' (-1153)
B/KC	3388' (-1357)
Ero. Arb.	3484' (-1453)
Solid Arb.	3502' (-1471)
LTD	3509' (-1478)

DST #1 from 3134' to 3200' (Toronto and L/KC Top zone). Mis-run, plugged tool.

DST #2 from 3135' to 3210' (Toronto and L/KC Top zone). Recovered 300' of drilling mud and 180' of slight mud cut water.
IFP:110-144#/30"; ISIP:378#/30";
FFP:220-238#/30"; FSIP:366#/30".

DST #3 from 3203' to 3230' (L/KC 35' zone). Recovered 60' oil cut mud (25% oil, 75% mud).
IFP:26-35#/45"; ISIP:592#/45";
FFP:42-44#/45"; FSIP:555#/45".

DST #4 from 3225' to 3245' (L/KC 50' zone). Recovered 120' of gas in pipe and 110' muddy oil (70% oil, 30% mud).
IFP:44-55#/45"; ISIP:688#/45";
FFP:71-78#/45"; FSIP:660#/45".

DST #5 from 3242' to 3268' (L/KC 70' and 90' zones). Recovered 300' of gas in pipe, 340' of slight gas and mud cut oil (10% gas, 70% oil, 20% mud), 180' very slight oil cut gassy water (10% gas, 2% oil, 88% water), and 250' slight gas cut water (5% gas, 95% water). Total fluid 770'.
IFP:78-178#/30"; ISIP:845#/30";
FFP:245-300#/30"; FSIP:845#/30".

DST #6 from 3321' to 3360' (L/KC 160' and 180' zones). Recovered 35' of muddy oil (70% oil, 30% mud).
IFP:46-50#/30"; ISIP:544#/30";
FFP:54-68#/30"; FSIP:440#/30".

ALLIED CEMENTING CO., INC. 3224

O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
HAY'S

<u>6-7-95</u>	SEC. <u>23</u>	TWP. <u>4s</u>	RANGE <u>20w</u>	CALLED OUT <u>12:15 PM</u>	ON LOCATION <u>2:00 PM</u>	JOB START <u>4:15 PM</u>	JOB FINISH <u>4:45 PM</u>
WELL # <u>Boyd</u>	<u>1</u>	LOCATION <u>Logan 1/2 E 1 N Ws.</u>			COUNTY <u>PHILLIPS</u>	STATE <u>KANSAS</u>	

CONTRACTOR White & Ellis Rig # 9
TYPE OF JOB SURFACE
HOLE SIZE 12 1/4 T.D. 209'
CASING SIZE 8 5/8 DEPTH 208'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15'
PERFS.

OWNER _____
CEMENT
AMOUNT ORDERED 135 SK 60/40
490 CC 290 GEL
COMMON 81 @ 610 494.10
POZMIX 54 @ 315 170.10
GEL 3 @ 950 28.50
CHLORIDE 5 @ 28.00 140.00
@ _____
@ _____
@ _____
@ _____
@ _____
@ _____
@ _____
HANDLING @ 105 141.75
MILEAGE 73m .04 394.20
TOTAL 1368.65

EQUIPMENT
PUMP TRUCK CEMENTER John
177 HELPER Mark
BULK TRUCK DRIVER Jason
_____ DRIVER _____

REMARKS:
Cement Circulated
[Signature]

SERVICE
DEPTH OF JOB _____
PUMP TRUCK CHARGE _____ 445.00
EXTRA FOOTAGE @ _____
MILEAGE 73m @ 235 171.55
PLUG 1-8 5/8 WOODEN @ 45.00
@ _____
@ _____
TOTAL 661.55

CHARGE TO: RITCHIE Exploration Inc.
STREET 125 N Market, # 1000
CITY Wichita STATE Ken ZIP 67202

FLOAT EQUIPMENT
@ _____
@ _____
@ _____
@ _____
@ _____
TOTAL _____

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 [Signature]

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

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0002

CEMENTING COMPANY, INC.
913-483-2627
P. O. BOX 31
RUSSELL, KANSAS 67665

To: Ritchie Exploration, Inc.
125 N. Market, #1000
Wichita, KS 67202

Invoice No. 68955
Purchase Order No. _____
Lease Name Boyd #1 W-989001
Date 6-7-95

Service and Materials as Follows:

Common 81 sks @\$6.10	\$494.10
Pozmix 54 sks @\$3.15	170.10
Gel 3 sks @\$9.50	28.50
Chloride 5 sks @\$28.00	<u>140.00</u>
Handling 135 sks @\$1.05	141.75
Mileage (73) @\$.04¢ per sk per mi	394.20
Surface	445.00
Mi @\$2.35 pmp trk chg	171.55
1 plug	<u>45.00</u>

406.04

Total
6100.270
3820/70

\$ 832.70
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1,197.50

\$2,030.20

<406.04>

1624.16

JUN 95 1013910

All Prices Are Net, Payable 30 Days E.O.

Thank You!

2003
ALLIED CEMENTING COMPANY, INC.
 913-483-2627
 P. O. BOX 31
 RUSSELL, KANSAS 67665

To: Ritchie Exploration Invoice No. 69049
125 N. Market #1000 Purchase Order No. JKW
Wichita, KS 67202 Lease Name Boyd #1
 Date 6-21-95

Service and Materials as Follows:

Common 113 sks @\$6.10 689.30
 Pozmix 112 sks @\$3.15 352.80
 GEL 12 sks @\$9.50 114.00
 Flo Seal 75# @\$1.15 86.25
 \$1,242.35

Handling 225 sks @\$1.05 236.25
 Mileage (73) @\$.04¢ per sk pe mi 657.00
 Port Collar 550.00
 Mi @\$2.35 pmp trk chg 171.55
 1,614.80

JUN 95 1013942 Total

\$2,857.15

571.43

CEMENT PORT COLLAR, #1

2857.15

3820/70

<571.43>

2285.72

Thank You!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2% Charged Thereafter

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806.60122

320 CEMENT BASKET 5 1/2"

1 EA 110.00 110.00

800.8883

75 BAKER PORT COLLAR

1 EA 1,350.00 1,350.00

813.0151