

RELEASED
FROM KANSAS CORPORATION COMMISSION
CONFIDENTIAL OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

RECEIVED

FEB 11 2003

KCC WICHITA

Form ACO-1
September 1999
Form Must Be Typed

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

ORIGINAL

Operator: License # 4767
 Name: Ritchie Exploration, Inc.
 Address: PO Box 783188
 City/State/Zip: Wichita, KS 67278
 Purchaser: NCRA
 Operator Contact Person: Karen Hopper
 Phone: (316) 691-9500
 Contractor: Name: _____
 License: _____
 Wellsite Geologist: _____

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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: Ritchie Exploration, Inc.
 Well Name: Voss
 Original Comp. Date: 10/9/85 Original Total Depth: 3880'
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth _____
 Commingled Docket No. 30 030205
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>10/29/02</u>	<u>11/1/02</u>
Spud Date or Recompletion Date	Date Reached TD Completion Date or Recompletion Date

API No. 15 - 065-22,232-0002
 County: Graham
SW-NE-SE Sec. 7 Twp. 6 S. R. 21 East West
3630 feet from S / N (circle one) Line of Section
990 feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Voss Well #: 2
 Field Name: Boys W
 Producing Formation: Oread B, Toronto, L/KC
 Elevation: Ground: 2201 Kelly Bushing: 2206
 Total Depth: 3880' Plug Back Total Depth: 3652'
 Amount of Surface Pipe Set and Cemented at 260 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 1849 Feet
 If Alternate II completion, cement circulated from 1849
 feet depth to surface w/ 400 sx cmt.

Drilling Fluid Management Plan Whichever Etc 4.9.03
 (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: [Signature]
 Title: Production Mgr Date: 2/10/03
 Subscribed and sworn to before me this 10th day of February,
 2003
 Notary Public: Karen Hopper
 Date Commission Expires: _____

KAREN HOPPER
 Notary Public - State of Kansas
 My Appt. Expires 10/27/03

KCC Office Use ONLY

Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Ritchie Exploration, Inc. Lease Name: Voss Well #: 2
 Sec. 7 Twp. 6 S. R. 21 East West County: Graham

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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes No	Log Formation (Top), Depth and Datum Sample Name Top Datum Anhydrite 1848 +358 Topeka 3161 -955 Toronto 3420 -1214 Lansing 3437 -1231 B/KC 3625 -1419
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes No	
Cores Taken	Yes <input checked="" type="checkbox"/> No	
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes No	
List All E. Logs Run: RA Guard Log		

CASING RECORD <input checked="" type="checkbox"/> New 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"	23#	260'	quickset	175	2% gel, 3% cc
Production	7 7/8"	5 1/2"	14#	3678'	pozmix	150	10% gel, 1% gilso-nite, 20# preflush

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 checked="" type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				
	DRILLED OUT CIBP @ 3393' CLEANED OUT TO PBTD @ 3652'			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	
		Amount	Depth
	3590, 3581.5	1200 gal 28% @ 5 BPM @ 1950#	
2	3559-3562	600 gal 28% @ 6 BPM @ 200#	
2	3496.5-3499, 3483-3487	800 gal 28% @ 4 BPM @ 300#	
2	3438-3441	1350 gal 28% & plug agent @ 6 BPM	
	(Acidized 3496.5-3499, 3483-3487 also)	@ 1500#	
2	3590-3594, 3581-3585		
3	3420.7-3423.7	750 gal 15% NE @ 2 BPM	
3	3368-3374	450 gal 15% NE @ 1 BPM @ 100B	
TUBING RECORD Size <u>2 7/8"</u> Set At <u>3642'</u> Packer At		Liner Run	Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr. <u>11/1/02</u>	Producing Method Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. <u>10</u>	Gas Mcf	Water Bbls. <u>115</u>	Gas-Oil Ratio Gravity

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

METHOD OF COMPLETION _____ Production Interval _____

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KCC WICHITA

ORIGINAL

INDEPENDENT PRODUCER

A. SCOTT RITCHIE
SUITE 950
125 NORTH MARKET
WICHITA, KANSAS 67202

CONFIDENTIAL

(316) 267-4375

#2 Voss
SW NE SE
Section 7-6S-21W
Graham Countv. Kansas

Murfin Rig 16
Office: G. Babcock
Field: L. Zink

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RELEASED
FROM
CONFIDENTIAL

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DRILLING REPORT

Elevation: 2201' G.L. 2206' K.B.

SAMPLE TOPS	Ref. Well
Anhydrite	1852' (+ 354) -5
B/Anhydrite	1884' (+ 322) -5
Topeka	3162' (- 956) -3
Heebner	3395' (-1189) flat
Toronto	3421' (-1215) flat
Lansing	3440' (-1234) -2
B/KC	3628' (-1422) -5
Gr. Wash.	3678' (-1472) +5
RTD	3880' (-1674)

ELECTRIC LOG TOPS	
Anhydrite	1848' (+ 358) -1
B/Anhydrite	1880' (+ 326) -1
Topeka	3161' (- 955) -2
Heebner	3395' (-1189) flat
Toronto	3420' (-1214) +1
Lansing	3437' (-1231) +1
B/KC	3625' (-1419) -2
Gr. Wash.	3679' (-1473) +4
LTD	3681' (-1475)

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

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FEB 11 2003

Phone Plainville 913-434-2812
 Phone Kiowa 316-825-4618

New KCC WICHITA

ALLIED CEMENTING CO., INC. No 1061
 Home Office P. O. Box 31. Russell, Kansas 67665

CONFIDENTIAL

ORIGINAL

Date	9-11-85	Sec.	7	Twp.	6 ^s	Range	21 ^w	Called Out	4:45 P.M.	On Location	7:10 P.M.	Job Start	9:10 P.M.	Finish	9:30 P.M.	
Lease	Voss	Well No.	2	Location				18 ^s 24 JCT 11N1W	County	Lincoln	State	Ks.				
Contractor	Munlin Drly. Co.	Rig #16				Owner RELEASED										
Type Job	Set Surface Pipe															
Hole Size	12 1/4"	T.D.	261'													
Csg. Size	8 5/8"	Depth	260'													
Tbg. Size		Depth	KCC													
Drill Pipe		Depth	FEB 10 2003													
Tool		Depth	CONFIDENTIAL													
Cement Left in Csg.	15'	Shoe Joint														
Press Max.		Minimum	-													
Meas Line		Displace	X													
Perf.																

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: A. Scott Ritchie
 Street: 125 N. Market, Suite 950
 City: Wichita, State: Ks. 67202

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. X Mart Sheffield
 CEMENT

EQUIPMENT

No	Cementer	
Pumptrk 191	Helper	Gary H. Dave P.
No	Cementer	
Pumptrk	Helper	
Bulktrk #60	Driver	Jim S.
Bulktrk	Driver	

Amount Ordered: 175 sks com 2 bag, 3 b.c.c.

Consisting of

Common	175 sks @ \$5.00/sk.	\$875.00
Poz. Mix		
Gel.	4 sks @ 7.25/sk.	29.00
Chloride	5 sks @ 20.00/sk.	100.00
Quickset		

DEPTH of Job

Reference:	#1 Pumptruck-surface	360.00
	#8 1-8 5/8" surface plug	40.00
	#14 mileage @ 1.00/mi	39.00
	Sub Total	439.00
	Tax	
	Total	

Sales Tax

Handling	@ 90¢/sk. (184 sks)	165.60
Mileage	@ 66¢/ton mi (39 mi)	223.29
Sub Total		1392.89
Total		

SEP 18 Recd

Floating Equipment: Thanks

Remarks: Cement Circulated.

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

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 New
 KCC WICHITA

Phone Plainville 913-434-2812
 Phone Kiowa 316-825-4618

CONFIDENTIAL **ALLIED CEMENTING CO., INC.** No 1082
 Home Office P. O. Box 31 Russell, Kansas 67665 **ORIGINAL**

Date	9-28-85	Sec.	7	Twp.	6 ^s	Range	21 ^w	Called Out	6:00 A.M.	On Location	8:20 A.M.	Job Start	1:00 P.M.	Finish	2:00 P.M.
Lease	Voss	Well No.	2	Location	18 ⁺ 24 ⁺ ECT 11N1W				County	Graham	State	Ks.			

Contractor	Leon's Drlg. Service	
Type Job	Port Collar	
Hole Size	7 7/8"	T.D. 3880'
Csg. Size	5 1/2"	Depth 3630'
Tbg. Size	2 1/2"	Depth
Surface Pipe		Depth 260'
Tool	Port Collar	Depth 1850'
Cement Left in Csg.		Shoe Joint
Press Max.	1500#	Minimum
Meas Line		Displace X
Perf.		

Owner	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	RELEASED Scott Ritchie
Street	FROM Market, Suite 950
City	CONFIDENTIAL
State	Ks. 67202
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	X Tom Port

EQUIPMENT		
No	Cementer	
Pumptrk 191	Helper	Gary H.
		Dave P.
No	Cementer	
Pumptrk	Helper	
	Driver	L. L.
Bulktrk #150		
Bulktrk	Driver	

CEMENT		
Amount Ordered	340 sks	50/50 poz 6 to gel.
Consisting of		
Common	170 sks @ \$5.00/sk.	\$850.00
Poz. Mix	170 sks @ \$2.10/sk.	357.00
Gel.	20 sks @ \$7.25/sk.	145.00
Chloride		
Quickset		
Sales Tax		
Handling	\$90 + /sk. (360 sks)	324.00
Mileage	\$66 + /ton mi. (39 mi.)	395.50
Sub Total		2071.50
Total		

DEPTH of Job		
Reference: #5	Pumptruck-port collar	\$450.00
#14	mileage @ \$1.00/mi.	39.00
Sub Total		\$489.00
Tax		
Total		

Remarks: Tested csg. to 1500#
 Opened port collar, mixed cement, closed port collar & tested to 1500# Cleared Hdg. & csg. Cement Circulated.

Floating Equipment Thanks
 KCC
 FEB 10 2003
 CONFIDENTIAL

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

FEB 11 2003

Phone Plainville 913-434-2812
Phone Kiowa 316-825-4618

CONFIDENTIAL **ALLIED CEMENTING CO., INC.** No. 40459
Home Office P. O. Box 31 Russell, Kansas 67665 **ORIGINAL**

Date	9-18-85	Sec.	7	Twp.	6	Range	21	Called Out	7:30AM	On Location	11:15AM	Job Start	2:45pm	Finish	4:30pm
Lease	Voss	Well No.	2		Location			Boque 11N1W		County	Graham		State	KS	

Contractor	Murphy Day #16		
Type Job	Production String		
Hole Size	7 7/8	T.D.	3680
Csg. Size	5 1/2	Depth	3678
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool	Port collar	Depth	1849
Cement Left in Csg.	14.00	Shoe Joint	14.00
Press Max.		Minimum	
Meas Line		Displace	
Perf.			

Owner	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	A. Scott Ritchie		
Street	125 N. Market - Suite 950		
City	Wichita	State	Ks 67202
The above was done to satisfaction and supervision of owner agent or contractor			
Purchase Order No.			
X	Hank Dowley		
	CEMENT		

EQUIPMENT

Pumptrk	No	Cementor	Weightman
	158	Helper	TERRY
Pumptrk	No	Cementor	
	116	Helper	
Bulktrk		Driver	Marlin
Bulktrk		Driver	

Amount Ordered	160 6/40 10/20 salt 16/tilson		
Consisting of	20 BBL salt flush		
Common	955x	5.00	475.00
Poz. Mix	65 x	2.10	136.50
Gel.			
Chloride			
Quickset	salt 265x	4.75	123.50
Silicate	75 th	.29	21.75

DEPTH of Job		
Reference:	Pump Tab	838.00
	Plug	31.00
	39 miles	39.00
	Sub Total	
	Tax	
	SEP 23 RECD	
	Total	908.00

Handling	1865x	.90	167.40
Mileage	39 miles	.66	185.84
	Sub Total		
	Total		1109.99

Remarks:
105x rat hole
float held
KCC
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Floating Equipment		
1-5 1/2 Guide Shoe		106.20
1-5 1/2 AFU Insert		162.00
5-5 1/2 Centralizers		190.00
1-5 1/2 Port Collar		1350.00
2-5 1/2 Baskets		242.00
Thanks		2050.20