

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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 Nierberger
Phone: (316) 691-9500
Contractor: Name: _____
License: _____
Wellsite Geologist: _____

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
Well Name: WHITE 1
Original Comp. Date: 11-07-84 Original Total Depth: 3730'
 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. _____

03/19/04	03/22/04	03/23/04
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15: 065-22066-00-02
County: Graham
NW_NW_SW Sec. 7 Twp. 6 S. R. 21 East West
2310' 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: White Well #: 1
Field Name: Boys West

Producing Formation: Oread B, Toronto, LKC
Elevation: Ground: 2214' Kelly Bushing: 2219'
Total Depth: 3730' Plug Back Total Depth: 3660'
Amount of Surface Pipe Set and Cemented at 259 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1860 Feet
If Alternate II completion, cement circulated from 1860
feet depth to Surface w/ 425 sx cmt.

Drilling Fluid Management Plan ALT II WFM
(Data must be collected from the Reserve Pit) 8-20-07
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: 06/28/04

Subscribed and sworn to before me this 28 day of June

2004.
Notary Public: Jennifer L. Foss
Date Commission Expires: 10-14-07

JENNIFER L. FOSS
Notary Public - State of Kansas
My Appt. Expires 10/14/07

KCC Office Use ONLY
Done Letter of Confidentiality Received
If Denied, Yes No Date: 8-03-04
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Ritchie Exploration, Inc. Lease Name: White Well #: 1
 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 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)

List All E. Logs Run:

RA Guard Log

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CASING RECORD <input checked="" type="checkbox"/> New <input 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"	23#	259'	Quickset	200	none
Production	7 7/8"	5 1/2"	14#	3729'	60/40 pozmix	115	10% salt, 20 bbls
							of brine 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 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
4	3446.3' - 3448.3' (Toronto) - (03/22/04)	1500 gallons, 28% NE	
****	Drilled out CIBP 3451' - (03/19/04)		
2	3459-3462', 3491-3494', 3506-3509', 3603-3606', 3611-3613' (LKC) - (10/84)	2400 gallons, 28 % NE	
3	3386.3'-3390.3' (Oread) (09/90)	450 gallons, 15% NE	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2.375"	3652'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 03/24/04			Producing Method <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
	37		31		

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) _____

Drill Stem Tests Taken
 Samples Sent to Geological Survey
 Cores Taken

Yes No
 Yes No
 Yes No

SAMPLE TOPS

Ref.
Well

Anhydrite	1869' (+ 350)	-3
B/Anhydrite	1901' (+ 318)	-3
Cottonwood	2710' (- 491)	-5
Neva	2759' (- 540)	-6
Wabaunsee	2954' (- 735)	flat
Tarkio	3060' (- 841)	+2
Topeka	3226' (-1007)	+2
Heebner	3413' (-1194)	+6
Toronto	3444' (-1225)	+2
Lansing	3461' (-1242)	+2
B/KC	3649' (-1430)	+3
Cong. Sd.	3704' (-1485)	-2
Granite	3728' (-1509)	+7
RTD	3730' (-1511)	

ELECTRIC LOG TOPS

Anhydrite	1870' (+ 349)	-4
B/Anhydrite	1901' (+ 318)	-3
Cottonwood	2706' (- 487)	-1
Neva	2756' (- 537)	-3
Wabaunsee	2956' (- 737)	-2
Tarkio	3062' (- 843)	+1
Topeka	3228' (-1009)	flat
Heebner	3414' (-1195)	+5
Toronto	3446' (-1227)	flat
Lansing	3458' (-1239)	+5
B/KC	3646' (-1427)	+6
Cong. Sd.	3703' (-1484)	-1
Granite	3730' (-1511)	+5
LTD	3732' (-1513)	

DST #1 from 3349' to 3406' (Lower Topeka). Recovered 390' gas in pipe, 750' muddy oil, 120' of oil cut muddy water. IFP:153-284#/15"; ISIP:1216#/30"; FFP:349-459#/15"; FSIP:1194#/30".

DST #2 from 3410' to 3472' (Toronto & Top zone). Recovered 345' of gas in pipe, 75' of muddy oil, 1410' slightly muddy gassy oil, 120' of gassy muddy oil. IFP:286-419#/15"; ISIP:843#/30"; FFP:496-572#/15"; FSIP:843#/30".

DST #3 from 3478' to 3500' (50' zone). Recovered 780' of gas in pipe, 480' of clean oil, 120' of muddy oil. IFP:132-187#/15"; ISIP:1072#/30"; FFP:242-242#/15"; FSIP:1072#/30".

DST #4 from 3499' to 3514' (70' zone). Misrun, packer failed.

DST #5 from 3498' to 3514' (70' zone). " " "

DST #6 from 3512' to 3530' (90' & 100' zones). Recovered 600' of salt water. IFP:110-209#/30"; ISIP:952#/30"; FFP:275-308#/30"; FSIP:920#/30".

DST #7 from 3560' to 3620' (140', 160', 180' zones). Recovered 180' of gas in pipe, 420' of clean oil, 120' muddy oil. IFP:110-154#/30"; ISIP:1170#/45"; FFP:209-209#/30"; FSIP:1148#/45".

DST #8 from 3616' to 3650' (200', 220' zones). Recovered 5' of mud. IFP:55-55#/30"; ISIP:583#/30"; FFP:55-55#/30"; FSIP:507#/30".

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ORIGINAL

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

New

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

ALLIED CEMENTING CO., INC. No 39924

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

Date	9-26-84	Sec	7	Twp.	6	Range	21	Called Out	2:00 AM	On Location	6:30 AM	Job Start	8:30 AM	Finish	9:00 AM	
Lease	White	Well No.	1			Location	Bogue N to CIL			County	Graham	State	KS			
Contractor	Martin															
Type Job	Production String (2 Stage)															
Hole Size	7 7/8			T.D.	3730											
Csg. Size	5 1/2			Depth	3729											
Tbg. Size				Depth												
Drill Pipe				Depth												
Tool	Baker			Depth	1860											
Cement Left in Csg.				Shoe Joint	15											
Press Max.				Minimum												
Meas Line	✓			Displace												
Perf.																

EQUIPMENT

Pumptrk	183	No	Cementer	Dave
			Helper	Darrell
Pumptrk	155	No	Cementer	
			Helper	
Bulktrk	95		Driver	Jim
			Driver	John

DEPTH of Job		
Reference:	Pump trk chg	838.00
	1.00 Per mile	.40.00
	Sub Total	
	Tax	
	Total	878.00

Remarks:

307 2 Recd
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Owner ZW & S Es.

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	<u>Tom Port</u>	
Amount Ordered	<u>125.40</u>	<u>10% salt</u>
Consisting of		
Common	<u>75 @ 5.00</u>	<u>375.00</u>
Poz. Mix	<u>50 @ 2.10</u>	<u>105.00</u>
Gel.		
Chloride		
Quickset		
Salt	<u>22 @ 4.25</u>	<u>104.50</u>
Handling	<u>90¢ Per sk</u>	<u>147 sk</u> <u>132.30</u>
Mileage	<u>66¢ Per ton mile</u>	<u>176.40</u>
Sub Total		
Total	<u>893.20</u>	

Floating Equipment	<u>5 1/2</u>	
1- Guide Shoe	-	<u>103.00</u>
1- Basket		<u>122.00</u>
1- AFU Inset		<u>142.00</u>
6- Centralizers		<u>264.00</u>
1- Baker 2 Stage tool		<u>2608.00</u>
total		<u>3239.00</u>

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

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

New
ALLIED CEMENTING CO., INC. N^o 38094
 Home Office P. O. Box 31 Russell, Kansas 67665

Date	9-17-84	Sec.	7	Twp.	6	Range	21	Called Out	5:00 PM	On Location	6:30 AM	Job Start	8:30 AM	Finish	9:00 AM
Lease	White	Well No.	#1	Location	Bogue 12N 1/2 W 1/2 S			County	Graham	State	KANSAS				
Contractor	MURFIN DRLLg. Rig #15														
Type Job	Surface														
Hole Size	12 1/4		T.D.	259'											
Csg. Size	8 5/8		Depth	258'											
Tbg. Size			Depth												
Drill Pipe	4 1/2		Depth												
Tool			Depth												
Cement Left in Csg.	10'-15'		Shoe Joint												
Press Max.			Minimum												
Meas Line			Displace	✓ 15 1/2											

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.
[Signature]
CEMENT

Perf.

EQUIPMENT

Pumptrk #61	No	Cementer	<i>[Signature]</i>
		Helper	<i>[Signature]</i>
Pumptrk	No	Cementer	
		Helper	
Bulktrk #68		Driver	<i>[Signature]</i>
		Driver	

Amount Ordered **300 SK COM. 2% gel 3% cc.**

Consisting of

Common	200 SK @ 5.00	1000.00
Poz. Mix		
Gel.	4 SK @ 7.25	29.00
Chloride	6 SK @ 20.00	120.00
Quickset		
Sales Tax		189.00
Handling	90¢ PER SK	188.10
Mileage	66¢ PER TON MILE	155.10
Sub Total		1492.20
Total		1492.20

Floating Equipment

DEPTH of Job

Reference:	Pump truck Chg	360.00
	100¢ Per mile	40.00
1-85¢	Plug	40.00
	Sub Total	
	Tax	
	Total	440.00

Remarks: **Cement CIRC.**

SEP 19 REC'D

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Thank you!