

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

Form ACO-1
 September 1999
 Form Must Be Typed

ORIGINAL

CONFIDENTIAL

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

API No. 15 - -065-22,033 - 000R
 County: Graham
SE SE NE Sec. 12 Twp. 6 S. R. 22 East West
2360 feet from S (N) (circle one) Line of Section
330 feet from (E) / W (circle one) Line of Section

Phone: (.316) 691-9500
 Contractor: Name: _____
 License: _____

Footages Calculated from Nearest Outside Section Corner:
 (circle one) (NE) SE NW SW
 Lease Name: Keiswetter "A" Well #: 1
 Field Name: Boys W

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)

Producing Formation: Shawnee, L/KC
 Elevation: Ground: 2198 Kelly Bushing: 2203
 Total Depth: 3726' Plug Back Total Depth: 3617'
 Amount of Surface Pipe Set and Cemented at 259 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 1854 Feet
 If Alternate II completion, cement circulated from 1854
 feet depth to surface w/ 425 sx cmt.

If Workover/Re-entry: Old Well Info as follows:
 Operator: Ritchie Exploration
 Well Name: Keiswetter "A"
 Original Comp. Date: 9/27/84 Original Total Depth: 3726'
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. 040308
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
 1/8/03 1/11/03
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

Drilling Fluid Management Plan Workover on 7-23-03
 (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 Manager Date: 04-11-03
 Subscribed and sworn to before me this 11th day of April,
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: Keiswetter "A" Well #: 1

Sec. 12 Twp. 6 S. R. 22 East West County: Graham

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all tests. Report all the 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:

RA Guard Log

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

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	2% gel, 3% cc
Production	7 7/8"	5 1/2"	14#	3720'	60/40 poz	125	10% salt, 20 bbl 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
2	3443.5' - 3516'	1700 gal acid	
2	3582' - 3593'	1000 gal acid	
4	3369.5' 3374.5'	450 gal acid	
	CIBP @ 3500' (9/17/84)	**Drilled out 1/9/03**	
	CIBP @ 3436' (9/4/90)	**Drilled out 1/8/03**	

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	<input checked="" type="checkbox"/> No
		2 7/8"	3592.81				
Date of First, Resumed Production, SWD or Enhr.			Producing Method				
			Flowing	<input checked="" type="checkbox"/> Pumping	Gas Lift	Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	10		52				

Disposition of Gas Vented Sold Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Other (Specify) _____

Production Interval Dually Comp. Commingled _____

Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812

Phone Kiowa 316-825-4618

New

CONFIDENTIAL ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

ORIGINAL No 39617

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
8-15-84	12	6 ^s	22 ^w	5:30 A.M.	8:45 A.M.	1:00 P.M.	1:30 P.M.
Well No. "A"-1			Location 18 ²⁴ Jct 1 1/2 W 1 1/2 N W.S.			State Ks.	
Contractor Muntin Duly Co.			Rig #8			Owner Same	
Job Type Two stage			T.D. 3726'			Charge To A. Scott Ritchie	
Casing Size 7 7/8"			Depth 3720'			Street 125 N. Market, Suite 950	
Casing Size 5 1/2"			Depth			City Wichita, State Ks. 67202	
Casing Size			Depth			The above was done to satisfaction and supervision of owner, agent or contractor.	
Drill Pipe			Depth			Purchase Order No. APR 22 2003	
Tool D.V.			Depth 1854'			X Fem Port	
Cement Left in Csg. 15'			Shoe Joint 14.98'			CEMENT CONFIDENTIAL	
Press Max. 800#			Minimum			Amount Ordered 135 sks 60/40 por 10% salt	
Leas Line X			Displace			Consisting of 2 a 10 sk salt flush	
Ref.			EQUIPMENT			Common 81 sks @ 5.00/sk. 405.00	
No			Cementer Gary H.			Poz. Mix 54 sks @ 2.10/sk. 113.40	
No			Helper Jim S.			Salt - 24 sks @ 4.75/sk. 114.00	
No			Cementer			Chloride	
No			Helper			Quickset	
No			Driver Kevin P.			Sales Tax	
No			Driver			Handling @ 90¢/sk. (159 sks) 143.10	
DEPTH of Job			Reference: #3 Pumptruck-bottom stage 838.00			Mileage @ 66¢/hr mi. (42 mi.) 194.93	
			#14 mileage @ 1.00/mi. 42.00			Sub Total 970.43	
			Sub Total 880.00			Total	
			Tax			5 1/2"	
			Total			Floating Equipment	
Remarks: Float Held.						1-regular guide shoe - 103.00	
						1-AFH insert - 142.00	
						1-cementing basket - 122.00	
						6-centralizers @ 44 ea - 264.00	
						1-DV tool (Baker) - 2608.00	
						3239.00	

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KCC WICHITA

Thanks

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 Phone 316-793-5861, Great Bend, Kansas

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

New

ALLIED CEMENTING CO., INC. ORIGINAL

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

CONFIDENTIAL

County State
 RELEASED

date	8-15-84	Sec.	12	Twp.	6 ^s	Range	22 ^w	Called Out	5:30 A.M.	On Location	8:45 A.M.	Job Start	1:50 P.M.	Finish	2:30 P.M.
Well No.	Keiswetter Well No. "A"-1		Location		18 ²⁴ JCT 1/2 W 11 1/2 N W.S.		Country		State		RELEASED				
Contractor	Murfin Dalg. Co.		Rig #		8		Owner		Same		FROM				
Job	Two Stage		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.					CONFIDENTIAL					
Well Size	7 7/8"		T.D.		3726'		Charge To		A. Scott Ritchie						
Log Size	5 1/2"		Depth		3720'		Street		125 N. Market, Suite 950						
Log Size			Depth				City		Wichita, State Ks. 67202						
Drill Pipe			Depth				The above was done to satisfaction and supervision of owner agent or contractor.		KCC						
Tool	D.V.		Depth		1854'		Purchase Order No.		APR 22 2003						
Cement Left in Csg.	15'		Shoe Joint		14.98'		X		Tom Post						
Press Max.	1500#		Minimum				CEMENT		CONFIDENTIAL						
Leas Line	X		Displace				Amount Ordered		425 sks 50/50 @ 22 6% gel						

EQUIPMENT

Pumptrk	No	Cementer	Gary H.
	60	Helper	
Pumptrk	No	Cementer	Mike S.
	#95	Helper	
Pumptrk		Driver	
Pumptrk		Driver	

Consisting of	
Common	213 sks @ 5.00/sk. \$1065.00
Poz. Mix	212 sks @ 2.10/sk. 445.20
Gel.	26 sks @ 7.25/sk. 188.50
Chloride	
Quickset	
Handling	e 90¢/sk. (451 sks) \$405.90
Mileage	e 66¢/ton mi. (42 mi.) 533.91
Sub Total	\$2638.51
Total	

Remarks: AUG 20 Reop
 Cement Circulated
 D.V. Tool opened e 1000#
 It held when closed.

Floating Equipment

Thanks

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APR 22 2003

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<u>SAMPLE TOPS</u>	<u>Ref.</u>	<u>Well</u>
Anhydrite	1853' (+ 350)	+3
B/Anhydrite	1884' (+ 319)	+3
Tarkio	3046' (- 843)	flat
Topeka	3212' (-1009)	flat
Heebner	3400' (-1197)	+3
Toronto	3426' (-1223)	+4
Lansing	3444' (-1241)	+3
B/KC	3637' (-1434)	-1
Congl. sd.	3686' (-1483)	flat
Gran. Wash	3716' (-1513)	+4
RTD	3726' (-1523)	

<u>ELECTRIC LOG TOPS</u>	<u>Ref.</u>	<u>Well</u>
Anhydrite	1850' (+ 353)	flat
B/Anhydrite	1881' (+ 322)	+1
Tarkio	3043' (- 840)	+3
Topeka	3210' (-1007)	+2
Heebner	3398' (-1195)	+5
Toronto	3431' (-1228)	-1
Lansing	3443' (-1240)	+4
B/KC	3630' (-1427)	+6
Congl. sd.	3685' (-1482)	+1
Gran. Wash	3718' (-1515)	+2
LTD	3724' (-1521)	

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