

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

CONFIDENTIAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

DEC 27 2004

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: _____

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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: _____
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. _____

08/31/04 09/03/04 09/03/04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 195-21,226 - ∞ - ∞
County: Trego
SW - NE - SE - Sec. 35 Twp. 11 S. R. 22 East West
1650' 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: Hixson Farms A Well #: 3
Field Name: Shaw Creek East

Producing Formation: LKC & Marmaton
Elevation: Ground: 2360' Kelly Bushing: 2365'
Total Depth: 4060' Plug Back Total Depth: 4013'
Amount of Surface Pipe Set and Cemented at 180 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1824' Feet
If Alternate II completion, cement circulated from 1824'
feet depth to Surface w/ 475 sx cmt.

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.: _____

ALT II WTM 11-30-06

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: 12-27-04

Subscribed and sworn to before me this 27 day of December,
20 04.

Notary Public: [Signature]
Date Commission Expires: _____

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

KCC Office Use ONLY
____ Letter of Confidentiality Received
If Denied, Yes Date: _____
____ Wireline Log Received
____ Geologist Report Received
____ UIC Distribution

Operator Name: Ritchie Exploration, Inc. Lease Name: Hixson Farms A Well #: 3
 Sec. 35 Twp. 11 S. R. 22 East West County: Trego

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:

R.A. Gaurd

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

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CASING RECORD <input 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"	24#	180'	common quickset	125	3% CC, 2% Gel
Production	7 1/2"	4 1/2"	10.5#	4058'	60/40 Poz	150	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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1	3959' - 3978' (Marmaton - 06/83 - CIBP 3937')	1000 gals of 20% Acid	
4	3960' - 3966' (Marmaton 09/04 - Drill out CIBP @ 3937')	1000 gals of 15% Acid	
2, 4	3713' - 3716' (LKC - 06/83), 3713' - 3715' (LKC 07/83)	1500 gals of 28% Acid - Sqzd w/ 100sx - 06/83, 750 gals of	28% Acid
2, 2	3676.5' - 3678.5' (LKC 06/83), 3676.5' - 3678.5' (LKC - 01/87)	500 gals of 28% Acid - Sqzd w/ 100sx - 06/83, 750 gals of	15% Acid
4,4	3723' - 3727' (LKC 09/04), 3638' - 3641' (LKC 09/04)	1500 gals of 15% Acid, 1500 gals of 15% Acid	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2.375"	4007'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
09/04/04	<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
	4.28		81.35		

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)
 METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled
 Production Interval Other (Specify)

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ELECTRIC LOG TOPS

DST #1 from 3628'-3653' (Top zone). Recovered 10' of oil cut mud, 60' of watery mud. IFP:54-54#/30"; ISIP:1049#/60"; FFP:76-76#/30"; FSIP:1017#/60".

DST #2 from 3662'-3705' (35' & 50' zones). Recovered 1140' of gas in pipe; 120' of heavily oil cut mud; 300' of oil; & 60' of muddy water. IFP:76-119#/30"; ISIP:704#/60"; FFP:173-206#/30"; FSIP:704#/60".

DST #3 from 3702'-3720' (70' zone). Recovered 175' gas in pipe, 5' of oil cut mud, & 60' of muddy oil. IFP:32-32#/20"; ISIP:553#/60"; FFP:43-43#/30"; FSIP:532#/60".

DST #4 from 3723'-3734' (90' zone). Recovered 230' of gas in pipe, 70' of oil cut mud, 120' of very heavily oil cut mud, 180' of oil cut water, 360' of slightly oil cut water. IFP:97-326#/30"; ISIP:423#/60"; FFP:380-402#/30"; FSIP:423#/60".

DST #5 from 3775'-3833' (140', 160' & 180' zones). Recovered 5' of mud with oil spots. IFP:65-65#/30"; ISIP:130#/30"; FFP:65-65#/30"; FSIP:141#/30".

DST #6 from 3955'-3990' (Marm.) Recovered 10' of mud with oil spots. IFP:32-32/30"; ISIP:963#/60"; FFP:43-43#/30"; FSIP:521#/60".

Anhy	1800' (+ 565
B/Anhy	1846' (+ 519
Topeka	3386' (-1021
Heebner	3600' (-1235
Toronto	3619' (-1254
Lansing	3636' (-1271
B/KC	3883' (-1518
Marmaton	3951' (-1586
Arbuckle	4035' (-1670
LTD	4060' (-1695

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PRODUCTIVITY TEST

BARREL TEST

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OPERATOR Ritchie Explorations, Inc. # 4767 LOCATION OF WELL SW-NE-SE14
 LEASE Hixson Farms OF SEC. 35 T 11 R 22 W
 WELL NO. A-3 COUNTY TREGO
 FIELD Shaw Creek East PRODUCING FORMATION Marmatos + LKC
 Date Taken 10-19-2004 Date Effective _____
 Well Depth 4060' Top Prod. Form. 3636' Perfs _____
 Casing: Size 4 1/2 Wt. _____ Depth 4058' Acid _____
 Tubing: Size 2 3/8 Depth of Perfs 4007' Gravity 40.2
 Pump: Type RWTC Bore 2" x 1 1/2" x 12' Purchaser NCRA
 Well Status Pumping

Pumping, flowing, etc.

TEST DATA

Permanent _____ Field _____ Special _____
 Flowing _____ Swabbing _____ Pumping X

STATUS BEFORE TEST:

PRODUCED 24 HOURS
 SHUT IN _____ HOURS
 DURATION OF TEST _____ HOURS _____ MINUTES _____ SECONDS
 GAUGES: WATER _____ INCHES _____ PERCENTAGE
 OIL _____ INCHES _____ PERCENTAGE
 GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 85.63
 WATER PRODUCTION RATE (BARREL PER DAY) 81.35
 OIL PRODUCTION RATE (BARRELS PER DAY) 4.28 PRODUCTIVITY
 STROKES PER MINUTE 14 spm
 LENGTH OF STROKE 54" INCHES
 REGULAR PRODUCING SCHEDULE 24/7 HOURS PER DAY.

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COMMENTS _____

WITNESSES:

Richard Williams

FOR STATE

Al Huff

FOR OPERATOR

FOR OFFSET

Phone 913-433-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

New

DEC 28 2004

Well Site

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

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ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31 Russell, Kansas 67665 N^o 36312

Date	7-1-83	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
					7:00 AM	10:00 AM	10:30 AM	11:00 AM
Lease	Hixson Farm	Well No.	# A3	Location	Osallah	3N 1E 1/2N	Trego	County Kansas
Contractor	B & J							

Type Job	Squeeze		
Hole Size	7 7/8	T.D.	
Csg. Size	4 1/2	Depth	
Tbg. Size	2"	Depth	3622
Drill Pipe		Depth	
Tool	Brad	Depth	3622
Cement Left in Csg.		Shoe Joint	
Press Max.	2000	Minimum	500/lbs
Meas Line		Displace	

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	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.	Jan Fort		
X	200 60/40		

Perf. 3713'-16' / 3676.5'-78.5'
EQUIPMENT

Pumptrk	No	Cementer	Helper
	03	Fred	Dave H
Pumptrk	No	Cementer	Helper
Bulktrk	No	Driver	
	22	Dwain	
Bulktrk	No	Driver	

Amount Ordered	200 60/40
Consisting of	
Common	120 SK @ 5.00 = 600.00
Poz. Mix	80 SK @ 2.10 = 168.00
Gel.	
Chloride	
Quickset	
Sales Tax	
Handling	90 @ per SK = 180.00
Mileage	66 @ per ton mile = 187.11
Sub Total	
Total	1135.11

DEPTH of Job		Reference:	
# 1	Pump Trk.		838.00
# 14	Pump Trk. 100 Per mi.		33.00
		Sub Total	
		Tax	
		Total	871.00

Remarks:

Handing	90 @ per SK	180.00
Mileage	66 @ per ton mile	187.11
Sub Total		
Total		1135.11

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Thank you!

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Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812

Phone Kiowa 316-825-4618

DEC 27 2004 *new*

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No 35291

Date	5-29-83	Sec.	35	Twp.	11 ^S	Range	22 ^W	Called Out		On Location	3:30 PM	Job Start		Finish	5:15 ^P
Lease	Hixson Farms	Well No.	A-3			Location	Ocellah 3N-1E-1/2N			County	Trego	State	Kan		
Contractor	Murfin Dng Co #8														
Type Job	Sur Face														
Hole Size	12 1/4		T.D.	183'											
Csg. Size	8 5/8		Depth	180'											
Tbg. Size			Depth												
Drill Pipe			Depth												
Tool			Depth												
Cement Left in Csg.	15'		Shoe Joint												
Press Max.			Minimum												
Meas Linc			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 *Kan 67202*
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 X *Rhynch Delleott*
CEMENT

Amount Ordered *125 sks com, 3/4 cc - 2% be*
 Consisting of
 Common *125 sks @ 5.00 625.00*
 Poz. Mix
 Gel. *3 sks @ 7.25 21.75*
 Chloride *4 sks @ 20.00 80.00*
 Quickset

EQUIPMENT

Pumptrk	No	Cementer	<i>Walt Frank</i>
	<i>80</i>	Helper	
Pumptrk	No	Cementer	
		Helper	
Bulktrk		Driver	<i>Dave</i>
Bulktrk	<i>22</i>	Driver	

DEPTH of Job	
Reference:	
	<i>Pumptruck 360.00</i>
	<i>Plug 40.00</i>
	<i>1.00 per mile 30.00</i>
	<i>30 mile</i>
	Sub Total
	Tax
	Total <i>430.00</i>

	Sales Tax
Handling <i>90¢ per sk</i>	<i>118.80</i>
Mileage <i>66¢ per ton mile</i>	<i>123.30</i>
<i>30 mile</i>	
	Sub Total
	Total <i>968.85</i>

Floating Equipment

Remarks:
Cement in Cellar

Thank You

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

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

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31 Russell, Kansas 67665 No 36479

Date	6-5-83	Sec.	35	Twp.	11	Range	22	Called Out		On Location	8:00 PM	Job Start	12:55 AM	Finish	1:45 AM
Lease	Hixson Farms	Well No.	A-3			Location			Oghalla-3N, 1E, 1N			County	Trego	State	Ks
Contractor	MURFIN					Rig 8					Owner				
Type Job	Production string - 2 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.				
Hole Size	7 7/8"		T.D.		4060'					Charge To					
Csg. Size	4 1/2"		Depth		4058'					Scott Ritchie					
Tbg. Size			Depth							Street					
Drill Pipe			Depth							125 N. Market Suite 950					
DV Tool	Teel - 1824'		Depth							City					
Cement Left in Csg.	17'		Shoe Joint		17'					Wichita State Ks 67202					
Press Max.			Minimum							The above was done to satisfaction and supervision of owner agent or contractor.					
Meas Line	✓		Displace							Purchase Order No.					
Perf.										X Tom Post					
EQUIPMENT															
Pumptrk	No	Cementer		Mike											
	102	Helper		Randy											
Pumptrk	No	Cementer													
		Helper													
Bulktrk		Driver		Steve											
Bulktrk	168	Driver													
DEPTH of Job															
Reference:	Pumptruck		600 ⁰⁰												
													Sub Total		
													Tax		
													Total		600 ⁰⁰
Remarks:															
Cement DV Cino															
Centralizers on joints # 1-4-8-12-14 \$ 54															
Basket on 54th & DV Tool on 55th															
Thank you!															

		Sales Tax	
Handling	90¢ per sk	452 ⁷⁰	
Mileage	66¢ per ton mi.	470 ⁵⁰	
		Sub Total	
		Total	
		2813 ⁵⁷	

Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

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Phone Plainville 913-434-2812

Phone Kiowa 316-825-4618

ALLIED CEMENTING CO., INC. No 36478

Home Office P. O. Box 31

Russell, Kansas 67665

Date	6-5-83	Sec.	35	Twp.	11	Range	22	Called Out		On Location	8:00 PM	Job Start	11:30	Finish	12:15
Lease	Hixson Farms	Well No.	A 3			Location	Oghalla, 3N, 1E, 1N			County	Trego	State	Ks		
Contractor	Murfin Dalg		Rig		8		Owner								
Type Job	Production String - 2 stage														
Hole Size	7 7/8"		T.D.		4060'										
Csg. Size	4 1/2"		Depth		4058'										
Tbg. Size			Depth												
Drill Pipe	DV Tool		Depth		1824'										
Cement Left in Csg.	17'		Shoe Joint		17'										
Press Max.			Minimum												
Meas Line	✓		Displace												
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 **Scott Richie**
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 **Ferron Post**
CEMENT

EQUIPMENT

Pumptrk	No	Cementer	
	102	Helper	Mike
		Helper	Randy
Pumptrk	No	Cementer	
		Helper	
		Driver	Duane
Bulktrk	155		
Bulktrk		Driver	

Amount Ordered	150 SK 60/40 Poz. 10% salt	
Consisting of	10 SK salt Flush	
Common	90 SK at 5 ⁰⁰	450 ⁰⁰
Poz. Mix	60 SK at 2 ⁰⁰	126 ⁰⁰
Gel.		
Chloride		
Quickset		
salt	25 SK at 4 ⁷⁵	118 ²⁵
Sales Tax		

DEPTH of Job

Reference:	Pumptruck	838 ⁰⁰
	\$1 ⁰⁰ per mi.	33 ⁰⁰
	Sub Total	
	Tax	
	Total	871 ⁰⁰

Handling	90¢ per SK	157 ⁵⁰
Mileage	66¢ per ton mi.	109 ⁶⁰
Sub Total		
Total		961 ⁸⁵

Remarks:
Float Held
Thank you!

Floating Equipment

6 - 4 1/2" Centralizers	246 ⁰⁰
1 - 4 1/2" Basket	110 ⁰⁰
1 - 4 1/2" Guide shoe	83 ⁰⁰
1 - 4 1/2" AFU. Insert	140 ⁰⁰
1 - 4 1/2" DV. Tool	227 ⁰⁰
Total	2846⁰⁰