

**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

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: Ritchie Exploration, Inc.

Well Name: _____
Original Comp. Date: 8/1/1992 Original Total Depth: 4048
 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. E-28869

<u>05/17/2007</u>	<u>05/18/2007</u>	<u>05/18/2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-20946 -00-02
County: Trego
 NE SW NE Sec. 35 Twp. 11 S. R. 22 East West
1650 3637 feet from S N (circle one) Line of Section
1650 1708 feet from E W (circle one) Line of Section
 Footages Calculated from GPS-KCC-Dlg Nearest Outside Section Corner:

(circle one) NE SE NW SW
Lease Name: Hillman Well #: 4 ERW
Field Name: Shaw Creek East
Producing Formation: LKC, Toronto, Upper Topeka
Elevation: Ground: 2343' Kelly Bushing: 2348'
Total Depth: 4048' Plug Back Total Depth: 3715'
Amount of Surface Pipe Set and Cemented at 166 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1752 Feet
If Alternate II completion, cement circulated from 1752
feet depth to surface w/ 425 Alt 2-Dlg - 11/14/09 ^{sx crt.}

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: [Signature]
Title: Production Manager Date: 10/12/2007
Subscribed and sworn to before me this 12th day of October, 2007.
Notary Public: [Signature]
Date Commission Expires: 5-4-11

KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes No Date: 10/12/07
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION

copy to UIC

DEBRA K. PHILLIPS
Notary Public - State of Kansas
My Appt. Expires 5-4-11

OCT 15 2007
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Ritchie Exploration, Inc. Lease Name: Hillman Well #: 4 ERW
 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: R A Guard Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum (See Attached Document)
--	---

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	12.25"	8.625"		166'	Common quickset	160	
Production	7.875"	5.50"	14#	4007'	60/40 pozmix	175	10% salt, 5% gel

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
	3781', 3757', 3700'-3703', 3692'-3695',	4600 gals 28% NE	
	3670'-3673', 3654'-3658' (LKC) (03/82)		
	3614'-3617' (LKC), 3598'-3601' (Toronto) (05/91)	1500 gals 28% NE	
	3388'-3395' (Upper Topeka) (05/91)	750 gals 28% NE	
	CIBP 3810' (over Arbuckle open hole), CIBP 3730' (over LKC) (03/82)		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8"	3379'	3379'		
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
07/11/2007			<input type="checkbox"/> Flowing <input 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	

Disposition of Gas		METHOD OF COMPLETION		Production Interval	
<input type="checkbox"/> Vented	<input type="checkbox"/> Sold	<input type="checkbox"/> Used on Lease	<input type="checkbox"/> Open Hole	<input checked="" type="checkbox"/> Perf.	<input type="checkbox"/> Dually Comp.
<i>(If vented, Submit ACO-18.)</i>			<input type="checkbox"/> Other (Specify) _____		

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 15 2007

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.

NO 31592

Home Office P. O. Box 31

Russell, Kansas 67665

Date	2-13-82	Sec.	35	Twp.	11	Range	22	Called Out		On Location		Job Start	8:15 PM	Finish	8:30 P.M.	
Lease	Hillman	Well No.	4	Location	Ogallah 5 N & E & S			County	Trego	State	Kans					
Contractor	Martin											Owner				
Type Job	Surface											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	12 1/4	T.D.	167'													
Csg. Size	8 1/2	Depth	166'													
Tbg. Size		Depth														
Drill Pipe		Depth														
Tool		Depth														
Cement Left in Csg.		Shoe Joint														
Press Max.		Minimum														
Meas Line		Displace														
Perf.																

EQUIPMENT

Pumptrk	No	Cementer	DAVE Steve
	25	Helper	
Pumptrk	No	Cementer	SCOTT
		Helper	
Bulktrk	22	Driver	
Bulktrk		Driver	

Charge To: A Scott Richie
 Street: 125 N Market Suite 950
 City: Wichita State: Kansas 6720

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

Purchase Order No. X Bernard Meyer
CEMENT

Amount Ordered: 160 com Q-set

Consisting of:
 Common: 160 sk @ 5.00 Per sk = 800.00
 Poz. Mix
 Gel.
 Chloride
 Quickset: 8 units @ 25.00 Per unit = 200.00

Sales Tax: 151.21
 Handling: 90¢ Per sk = 144.00
 Mileage: 66¢ Per ton mile = 153.20

Sub Total: 1304.66
 Total: 1497.87

DEPTH of Job

Reference:	Pump trk chg	360.00
	Plug	40.00
3 miles	2.00 Per mile	62.00
	Sub Total	
	Tax	
	Total	462.00

Remarks: Cement Civ

Floating Equipment

[Signature]

RECEIVED
 KANSAS CORPORATION COMMISSION

OCT 15 2007

CONSERVATION DIVISION
 WICHITA, KS

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

New

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

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No 31614

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
2-23-82				7:00 AM	11:00 AM	3:00	4:00 PM
Lease Hillman	Well No. #4	Location Ogallah 5 N 2 E S			County Trego	State Kansas	
Contractor	Murkin Drlg	Rig 21			Owner Same		
Type Job	Production	Bottom 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.	4008'		Charge To A. Scott Ritchie		
Csg. Size	5 1/2"	Depth	4007'		Street 125 N Market Suite 950		
Tbg. Size		Depth			City Wichita State Kansas		
Drill Pipe		Depth			The above was done to satisfaction and supervision of owner agent or contractor.		
Tool		Depth			Purchase Order No.		
Cement Left in Csg.	21.70	Shoe Joint	21.70		X Tom Post		
Press Max.		Minimum			CEMENT		
Meas Line	yes	Displace			Amount Ordered 175 SKS 60/40 Poz 10% salt 5% Gi		
Perf.					Consisting of		
EQUIPMENT							
Pumptrk #61	No	Cementer	M Kaufman		Common	105 SKS @ 5.00 525.00	
		Helper	Bob		Poz. Mix	70 SKS @ 1.85 129.50	
Pumptrk	No	Cementer	Jerry		Gel.		
		Helper			Chloride		
Bulktrk #156		Driver			Quikret Gil 750# @ 29¢ Per Pound	217.50	
Bulktrk #117		Driver	Scott Darrell		SALT 18 SKS @ 4.75	85.50	
DEPTH of Job				Sales Tax			
Reference: #1	PUMP Tnk	838.00		Handling	90 per sack 180.00		
#14	Mileage 31m @ 2.00	62.00		Mileage	.66 per Ton Mile 180.75		
Sub Total				Sub Total			
Tax				Total #1318.25			
Total #900.00				Floating Equipment			
Remarks: Float Held				6 - Centralizers 264.00			
				3 - BASKETS 122.00 366.00			
				1 - APU INSERT 142.00			
				1 - Guide shoe 103.00			
				1 - D.V. Tool OCT 15 2007 2608.00			
				1 - 5 1/2 12' Lining 801.30			
				Total 3563.30			

CONSERVATION DIVISION
 WICHITA KS

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

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

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No 31615

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
2-23-82				7:00 AM	11:00 AM	4:00 PM	5:00 PM
Lease <i>Hillman</i>	Well No. # <i>4</i>	Location <i>Ogallah 5 N 1/2 E 2 S</i>		County <i>Trego</i>	State <i>Kansas</i>		
Contractor <i>Murfin Drig Rig 21</i>				Owner <i>same</i>			
Type Job <i>Production Top stage</i>				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 <i>8 3/8"</i>	T.D. <i>4008'</i>			Charge To <i>A. SCOTT Ritchie</i>			
Csg. Size <i>5 1/2"</i>	Depth <i>4007'</i>			Street <i>125 N MARKET Suite 950</i>			
Tbg. Size	Depth			City <i>Wichita</i> State <i>Kansas</i>			
Drill Pipe	Depth			The above was done to satisfaction and supervision of owner agent or contractor.			
Tool <i>5 1/2"</i>	Depth <i>1752'</i>			Purchase Order No.			
Cement Left in Csg. <i>21.70</i>	Shoe Joint <i>21.70</i>			X <i>Tom Post</i>			
Press Max.	Minimum			CEMENT			
Meas Line <i>Yes</i>	Displace			Amount Ordered <i>425 SKS 50/50 po2 670 Gel</i>			
Perf.				Consisting of			
EQUIPMENT				Common <i>213 SKS @ 5.00 1065.00</i>			
#61 No	Cementer	<i>M Kaufman</i>		Poz. Mix <i>212 SKS @ 1.85 392.20</i>			
Pumptrk	Helper	<i>Bob</i>		Gel. <i>25 SKS @ 7.25 181.25</i>			
No	Cementer	<i>Jerry</i>		Chloride			
Pumptrk	Helper			Quickset			
#156	Driver	<i>Rick</i>		Sales Tax			
Bulktrk				Handling <i>90 Per Sack 225.00</i>			
Bulktrk	Driver			Mileage <i>66 Per Ton Mile</i>			
DEPTH of Job				31 miles From HZYS Sub Total <i>393.10</i>			
Reference: #3	<i>PUMP Trk</i>	<i>600.00</i>		Total <i>2256.5</i>			
Sub Total				Floating Equipment			
Tax							
Total <i>1600.00</i>							
Remarks: <i>Cement C.R. D.V. Closed</i>							

Thanks

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 15 2007

CONSERVATION DIVISION
WICHITA, KS