

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC

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: _____

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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: A. Scott Ritchie
Well Name: DeMurry 1
Original Comp. Date: 8-10-83 Original Total Depth: 3910
 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. _____

<u>1/22/05</u>	<u>1/26/05</u>	<u>1/26/05</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-21198-00-01
County: Trego
 NW NW NW Sec. 10 Twp. 11 S. R. 22 East West
330' feet from S (circle one) Line of Section
330' feet from E (circle one) Line of Section
 Footages Calculated from: Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: DeMurry Well #: 1
 Field Name: W.C.
 Producing Formation: Topeka, LKC, Marmaton
 Elevation: Ground: 2196' Kelly Bushing: 2201'
 Total Depth: 3910' Plug Back Total Depth: 3816'
 Amount of Surface Pipe Set and Cemented at 220' Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 1686' Feet
 If Alternate II completion, cement circulated from 1686'
 feet depth to surface w/ 450 sx cmt.

Drilling Fluid Management Plan ALT II WHM
 (Data must be collected from the Reserve Pit) 6-5-07
 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: [Signature]
Title: Production Manager Date: 03/23/05
 Subscribed and sworn to before me this 23 day of March
05
 Notary Public: [Signature] **JENNIFER L. FOSS**
 Notary Public - State of Kansas
 My Appt. Expires 10-14-07
 Date Commission Expires: 10-14-07

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

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Side Two

ORIGINAL

Operator Name: Ritchie Exploration, Inc. Lease Name: DeMurry Well #: 1
Sec. 10 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 Guard Log

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

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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"	24#	220'	Common	170	2% gel, 3% CC
Production	7 7/8"	4 1/2"	10.5#	3903'	60/40 Pozmix	175	10% salt, +10 bbls 2nd Stg
							50/50 poz, 450 gal 6% 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
1	3782'-3805 (Marmaton) 5/83	500 gals 20% acid	
2	3332' - 3335' (Topeka) 2/86	500 gals 15% INS	
2	3668'-3672' (LKC-200') 10/87	150 gals 28% & 600 gals 15%	
2	3542'-3544' (LKC-70') 10/87	100 gals 28% & 300 gals 15%	
4	3643'-3646' (LKC-180') 1/05	1500 gals 15% NE w/ 20 perf balls	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	3808'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
1/26/05			<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
	5.30		25.90		

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

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ELECTRIC LOG TOPS

Anhydrite	1662' (+ 539
B/Anhy	1706' (+ 495
Topeka	3213' (-1012
Heebner	3425' (-1224
Toronto	3448' (-1247
Lansing	3463' (-1262
B/KC	3700' (-1499
Marmaton	3775' (-1574
Ero. Arb.	3858' (-1657
LTD	3910' (-1709

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DST #1 from 3304'-3345' (Topeka). Recovered 20' of mud cut watery oil (45% oil, 30% water, 25% mud) and 205' of slightly oil cut muddy water (10% oil, 55% water, 35% mud). IFP:55-110#/30"; ISIP:1228#/60"; FFP:121-164#/30"; FSIP:1218#/60".

DST #2 from 3456'-3485' (Top zone). Recovered 720' of muddy water. IFP:66-252#/45"; ISIP:1142#/60"; FFP:275-373#/45"; FSIP:1121#/60".

DST #3 from 3494'-3547'. Recovered 5' of mud, no show of oil. IFP:66-66#/30"; ISIP:154#/30"; FFP:66-66#/30"; FSIP:88#/30".

DST #4 from 3543'-3580'. Recovered 465' of muddy water with specks of oil. IFP:66-154#/45"; ISIP:894#/60"; FFP:186-285#/45"; FSIP:851#/60".

DST #5 from 3589'-3698' (140', 160', 180', 200' & 220' zones). Recovered 120' of watery mud and 180' of muddy water, no show of oil. IFP:110-197#/45"; ISIP:1207#/60"; FFP:230-263#/45"; FSIP:1142#/60".

DST #6 from 3772'-3810' (Marmaton). Recovered 100' of oil cut mud and 60' of muddy oil. IFP:55-77#/45"; ISIP:1088#/60"; FFP:88-110#/45"; FSIP:1056#/60".

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

KCC

New MAR 23 2005

ORIGINAL

Phone Plainville 913-434-2812

Phone Kiowa 316-825-4618

CONFIDENTIAL

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ALLIED CEMENTING CO., INC.

N^o 36000

Home Office P. O. Box 31

Russell, Kansas 67665

Date	4-18-83	Sec.	10	Twp.	11	Range	22	Called Out		On Location	5:30 PM	Job Start	8:00	Finish	8:15
Lease	De Murry	Well No.	1	Location	Ogohalla	Section	1W-5S	County	Trego	State	Ks				
Contractor	Murfin	A.g 16													
Type Job	Surface														
Hole Size	12 1/4"	T.D.	221'												
Csg. Size	8 5/8"	Depth	220'												
Tbg. Size		Depth	RECEIVED												
Drill Pipe		Depth	MAR 24 2005												
Tool		Depth	KCC WICHITA												
Cement Left in Csg.	15'	Shoe Joint													
Press Max.		Minimum													
Meas Line		Displace	✓												
Perf.															

Owner 10
 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 Bernard M. Mey
CEMENT

EQUIPMENT

Pumptrk	No	Cementer	Mike Sean
	153	Helper	
Pumptrk	No	Cementer	Jerry
		Helper	
Bulktrk	156	Driver	
Bulktrk		Driver	

Amount Ordered	170 com 3% cal, 2% gel		
Consisting of			
Common	170 SK	at	5.00 = 850.00
Poz. Mix			
Gel.	3 SK	at	7.25 = 21.75
Chloride	5 SK	at	20.00 = 100.00
Quickset			

DEPTH of Job			
Reference:	Pumptruck		360.00
	Plug		40.00
	\$1.00 Per mi.		37.00
	Sub Total		
	Tax		
	Total		437.00

Handling	90¢ per 3K.		160.85
Mileage	66¢ per ton mi.		204.00
	Sub Total		83.00
	Total		1336.00

Remarks:
 Cement Circulated

Floating Equipment
 Thank you!

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

KCC
MAR 23 2005

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

new CONFIDENTIAL

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No 35808

Date <i>11-27-83</i>	Sec.	Twp.	Range	Called Out <i>5:30pm</i>	On Location <i>9:00pm</i>	Job Start <i>12:05 AM</i>	Finish <i>12:33 AM</i>
Lease <i>DeMunnay</i>	Well No. # <i>1</i>		Location <i>Ogallah SW 1/4</i>		County <i>Trego</i>	State <i>Kan</i>	
Contractor <i>Martin Daly</i>			Rig # <i>16</i>			Owner <i>Same</i>	
Type Job <i>Prod. Two-Stage (Bottom)</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>7 7/8"</i>	T.D. <i>3910'</i>		Charge To <i>A. Scott Ritchie</i>				
Csg. Size <i>4 1/2"</i>	Depth <i>3863'</i>		Street <i>125 N MARKET Suite 950</i>				
Tbg. Size	Depth		City <i>Wichita</i> State <i>Kan 67202</i>				
Drill Pipe	Depth		The above was done to satisfaction and supervision of owner agent or contractor.				
Tool <i>Allied</i>	Depth <i>1686'</i>		Purchase Order No.				
Cement Left in Csg. <i>40'</i>	Shoe Joint <i>40'</i>		X <i>HANK DONLEY</i>				
Press Max. <i>1100/55.</i>	Minimum		CEMENT				
Meas Line <i>V</i>	Displace		MAR 24 2005				
Perf.	EQUIPMENT KCC WICHITA						

Pumptrk # <i>83</i>	No	Cementor	<i>FRED</i>
		Helper	<i>DANNEN</i>
Pumptrk	No	Cementor	
		Helper	
Bulktrk # <i>22</i>		Driver	<i>Dwain</i>
Bulktrk		Driver	

Amount Ordered	<i>175 SX @ 60 / 40 p. 10% SALT</i>	
Consisting of	<i>5 SX SALT Flush</i>	
Common	<i>105 SX @ 5.00</i>	<i>525.00</i>
Poz. Mix	<i>70 SX @ 2.10</i>	<i>147.00</i>
Gel.		
Chloride		
Quickset		
<i>SALT</i>	<i>23 SX @ 4.75</i>	<i>109.25</i>
		Sales Tax
Handling	<i>195 SX @ .90</i>	<i>175.50</i>
Mileage	<i>66 R. To T. mi. (36 mi.)</i>	<i>207.00</i>
		Sub Total
		<i>1166.45</i>
		Total

DEPTH of Job		
Reference:		
<i>#1 Pump Th.</i>		<i>838.00</i>
<i>#14 Pump Th. 1000 Per Mi.</i>		<i>36.00</i>
		Sub Total
		<i>874.00</i>
		Tax
		Total

Remarks: *Float Held*

THANK YOU!

Floating Equipment	<i>5 1/2"</i>	
<i>1- Guide Shoe @</i>		<i>103.00</i>
<i>1- AFU J. seat @</i>		<i>142.00</i>
<i>1- Basket @</i>		<i>122.00</i>
<i>1- Stage Tool @</i>		<i>2605.00</i>
<i>6- Cent. @ 44.00</i>		<i>264.00</i>
		<i>3239.00</i>

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

KCC

MAR 23 2005

ORIGINAL

Phone Plainville 913-434-2812

Phone Kiowa 316-825-4618

new CONFIDENTIAL

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

No 35809

Home Office P. O. Box 31

Russell, Kansas 67665

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
4-27-83					9:00 a.m.		2:00 p.m.
Lease <i>Permurray</i>	Well No. #1		Location <i>89 1/2 N 10 W 12 E</i>		County <i>Thomas</i>	State <i>Kan</i>	

Contractor <i>Martin Daly</i>	Owner <i>Same</i>
Type Job <i>Prod. Two-Stage (Top)</i>	To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.
Hole Size <i>7 7/8"</i>	T.D. <i>3910'</i>
Csg. Size <i>4 1/2"</i>	Depth <i>3903'</i>
Tbg. Size	Depth
Drill Pipe	Depth
Tool <i>Allied</i>	Depth <i>1686'</i>
Cement Left in Csg.	Shoe Joint
Press Max. <i>1500 lbs.</i>	Minimum RECEIVED
Meas Line <i>✓</i>	Displace MAR 24 2005
Perf.	

Charge To <i>A. Scott Ritchie</i>
Street <i>125 N Market Suite 950</i>
City <i>Wichita</i> State <i>Kan 67202</i>
The above was done to satisfaction and supervision of owner agent or contractor.
Purchase Order No.
<input checked="" type="checkbox"/> <i>Hank Donley</i> CEMENT
Amount Ordered <i>450 SK 50 1/2 super 6 7/8 Gal</i>

EQUIPMENT **KCC WICHITA**

No	Cementer	
Pumptrk # <i>83</i>	Helper	<i>Fred DANIEL</i>
No	Cementer	
Pumptrk	Helper	
Bulktrk # <i>95</i>	Driver	<i>HAWK</i>
Bulktrk	Driver	

Consisting of		
Common	<i>225 SK @ 5.00</i>	<i>1125.00</i>
Poz. Mix	<i>225 SK @ 2.10</i>	<i>472.50</i>
Gel.	<i>27 SK @ 7.25</i>	<i>195.75</i>
Chloride		
Quickset		

DEPTH of Job		
Reference: # <i>3</i>	<i>Pump Th.</i>	<i>600.00</i>
	Sub Total	<i>600.00</i>
	Tax	
	Total	

Handling <i>477 SK @ .90</i>	<i>429.30</i>
Mileage <i>66 Per Ten Mi. (36 mi.)</i>	<i>483.84</i>
Sub Total	<i>2706.39</i>
Total	

Remarks:
*Tool Closed
 Cement C.I.A.C.*

Floating Equipment

Thank You!