

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

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 #2
Original Comp. Date: 5-7-84 Original Total Depth: 3940
 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>1/26/05</u>	<u>2/1/05</u>	<u>2/1/05</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-21406 - 00-01
County: Trego
 SE NW NW Sec. 10 Twp. 11 S. R. 22 East West
990' feet from S (circle one) Line of Section
990' 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 #: 2
 Field Name: DeMurry SW
 Producing Formation: Topeka, LKC
 Elevation: Ground: 2203' Kelly Bushing: 2208'
 Total Depth: 3940' Plug Back Total Depth: 3705'
 Amount of Surface Pipe Set and Cemented at 211' Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 1685' Feet
 If Alternate II completion, cement circulated from 1685'
 feet depth to surface w/ 450 sx cmt.

Drilling Fluid Management Plan ALT II with
 (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: _____
 Title: Production Manager Date: 03/23/05
 Subscribed and sworn to before me this 23 day of March
20 05
 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

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 #: 2
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 Documents)

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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"	25#	211'	Common Quickset	160	3 % gel
Production	7 7/8"	4 1/2"	10.5#	3882'	60/40 Pozmix	175	10% salt, 10 sacks
							of Salt Flush

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
		Amount	Kind	
1	3792'-3812'(Marmaton) 3/84, Bridge plug @3705' w/cement & sand 8/87	500 gals	20% acid	
2	3652.5'-3656' (LKC-180') 8/87	400 gals	28% acid	
2,2	3636'-3639' & 3615'-3617' (LKC-160'&140') 8/87	750 gals	28%, 1150 gals 28% & plug agents	
2	3473'-3478' (LKC-Top) 8/87	750 gals	28% acid	
4,4	3517.5'-3520(LKC-35'), 3342'-3345'(Middle Topeka) 1/05	1500gals	15%NE & 20 perf balls, 500 gals 15% NE	

TUBING RECORD	Size 2 3/8"	Set At 3691'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. 2/1/05	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 19.18	Gas Mcf	Water Bbls. 21.62	Gas-Oil Ratio	Gravity
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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	1674' (+ 534)
B/Anhydrite	1718' (+ 490)
Topeka	3226' (-1018)
Heebner	3435' (-1227)
Toronto	3456' (-1248)
Lansing	3472' (-1264)
B/KC	3706' (-1498)
Marmaton	3783' (-1575)
Arbuckle	3874' (-1666)
LTD	3941' (-1733)

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DST #1 from 3466' to 3487' (Top Zone). Recovered 45' of gas in pipe, 30' of oil cut watery mud and 240' of oil cut muddy water (12% gas, 14% oil, 24% mud, & 50% water).
IFP:54-76#/30"; ISIP:1041#/60";
FFP:120-131#/30"; FSIP:1030#/60".

DST #2 from 3555' to 3567' (90' zone). Recovered 240' of muddy water, no show of oil.
IFP:43-65#/30"; ISIP:843#/60";
FFP:98-120#/30"; FSIP:832#/60".

DST #3 from 3598' to 3670' (Lansing 140', 160', & 180' zones). Recovered 210' of gassy oil cut muddy water (5% gas, 6% oil, 44% mud, 45% water).
IFP:76-98#/30"; ISIP:1041#/60";
FFP:131-141#/30"; FSIP:975#/60".

DST #4 from 3785' to 3817' (Marmaton). Recovered 40' of gassy oil cut mud (5% gas, 9% oil, 60% mud, & 26% water).
IFP:32-32#/45"; ISIP:1161#/60";
FFP:32-32#/45"; FSIP:1008#/60".

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

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

No 41795

Home Office P. O. Box 31

Russell, Kansas 67665

Date	1-26-84	Sec.		Twp.		Range		Called Out		On Location		Job Start	7:45 AM	Finish	8:13 AM		
Lease	DeMarroy	Well No.	2	Location	Ogallah 9N 3/4 W 4S			County	Trego	State	Ks						
Contractor	Mdotiv											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.				
Type Job	Production string (2 stage)											Charge To	A Scott Ritchie				
Hole Size	7 7/8	T.D.	3940											Street	125 N Market Suite 950		
Csg. Size	4 1/2	Depth	3882											City	Wichita	State	Ks 67202
Tbg. Size		Depth												The above was done to satisfaction and supervision of owner agent or contractor.			
Drill Pipe		Depth												Purchase Order No.			
Tool	Arrow	Depth	1685											X	Tom Post		
Cement Left in Csg.		Shoe Joint	1685 23											CEMENT			
Press Max.		Minimum	RECEIVED											Amount Ordered	450 ³⁰ 6/2 gal		
Meas Line	✓	Displace												Consisting of			
Perf.			MAR 24 2005											Common	285 sk @ 5.00 Per sk 1125.00		

EQUIPMENT		KCC WICHITA	
Pumptrk	No 153	Cementer	Dave
		Helper	Men
Pumptrk	No 156	Cementer	
		Helper	
Bulktrk	117	Driver	Mike
Bulktrk		Driver	Row

DEPTH of Job		
Reference:	Pump trk cty	600.00
	Sub Total	
	Tax	
	Total	600.00

Remarks: Tool shut
 Cement circulated

Handling	90¢ Per sk	429.30
Mileage	66¢ Per ton mile	377.26
	26 miles	
	Sub Total	998.61
	Total	2598.61
Floating Equipment		

JAN 31 1984

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

New

KCC
 MAR 23 2005

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

CONFIDENTIAL ALLIED CEMENTING CO., INC. No 41794
 Home Office P. O. Box 31 Russell, Kansas 67665

Date	1-26-84	Sec.	10	Twp.	11	Range	22	Called Out		On Location		Job Start	6:50 AM	Finish	7:30 AM
Lease	DeMurry	Well No.	2	Location	Ogallah	9N	34W	45		County	Trego	State	Ks		
Contractor	Murfin	Owner													
Type Job	Production String (2 Stage)														
Hole Size	7 7/8	T.D.	3940												
Csg. Size	4 1/2	Depth	3882												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool	Arrow	Depth	1685												
Cement Left in Csg.		Shoe Joint	23												
Press Max.		Minimum	RECEIVED												
Meas Line		Displace	MAR 24 2005												
Perf.		EQUIPMENT KCC WICHITA													

Pumptrk	No	Cementer	Dave
	153	Helper	
Pumptrk	No	Cementer	
		Helper	
Bulktrk	117	Driver	Ron
	156	Driver	Mike

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	<i>Zorn Post</i>
Amount Ordered	175 ⁶⁹ / ₄₀	CEMENT 10 salt flush 10% salt
Consisting of		
Common	105 sk @ 3.00 per sk	325.00
Poz. Mix	70 sk @ 2.10 per sk	147.00
Gel.		
Chloride		
Quickset		128.25
	salt 27 sk @ 4.15 per sk	112.05
Sales Tax		
Handling	90 @ per sk	181.80
Mileage	66 @ per tow mile	152.88
Sub Total		1134.93
Total		1202.43
Floating Equipment	4 1/2	
	1- Packer Shoe	1175.00
	1- DV Tool	2267.00
	6- Centralizer 4.00	246.00
	1- Basket	110.00
	1- AFU Insert	140.00
		3938.00

DEPTH of Job		
Reference:	Pump trk chg	838.00
	10 @ per mile	26.00
Sub Total		
Tax		
Total		864.00

Remarks: *Float Held*

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