

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**

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: Murfin Drilling, Inc.  
License: 30606  
Wellsite Geologist: Mike Engelbrecht

**KCC**

**FEB 08 2005**

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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: \_\_\_\_\_  
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. \_\_\_\_\_

<u>10/15/04</u>	<u>10/28/04</u>	<u>10/28/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 101-21851-00-00  
County: Lane  
C NE SW Sec. 17 Twp. 17 S. R. 28  East  West  
1980 feet from (S) / N (circle one) Line of Section  
2013 feet from E / (W) (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW (SW)  
Lease Name: Penka 17C Well #: 1

Field Name: \_\_\_\_\_  
Producing Formation: Marmaton  
Elevation: Ground: 2770 Kelly Bushing: 2782  
Total Depth: 4620 Plug Back Total Depth: 2129  
Amount of Surface Pipe Set and Cemented at 245 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2129 Feet  
If Alternate II completion, cement circulated from 2129  
feet depth to surface w/ 300 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit) *ACT-IWTHM*  
Chloride content 13,000 ppm Fluid volume 740 bbls  
Dewatering method used evaporation  
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: 2/8/05  
Subscribed and sworn to before me this 8<sup>th</sup> day of February  
20 05  
Notary Public: [Signature] My Appt Expires 5/14/07  
Date Commission Expires: 5/14/07

**DEBRA K. PHILLIPS**  
Notary Public - State of Kansas  
My Appt Expires 5/14/07

**KCC Office Use ONLY**

Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

**RECEIVED**  
**FEB 09 2005**

**KCC WICHITA**

Operator Name: Ritchie Exploration, Inc. Lease Name: Penka 17C Well #: 1  
 Sec. 17 Twp. 17 S. R. 28  East  West County: Lane

**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:  <b>Dual Induction Log</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample  Name Top Datum  SEE ATTACHED  <div style="text-align: right; font-weight: bold; font-size: 1.2em;">                     KCC                      FEB 08 2005                      CONFIDENTIAL                 </div>
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CASING RECORD <input type="checkbox"/> New <input checked="" 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	28	245	common	150	3%cc, 2% gel
Production	7-7/8	5-1/2	15.5	4620	60/40 pozmix	200	10% salt, 2% gel, 3/4% CD-31

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
4	4330' - 4333' (11/8/04)	750 gals 15% NE	Marmaton

TUBING RECORD		Size	Set At	Packer At	Liner Run		
		2-7/8	4563		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First, Resumerd Production, SWD or Enhr. 11/13/04			Producing Method <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		
	60		0		36.5		

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

METHOD OF COMPLETION

Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify) \_\_\_\_\_

Production Interval



**RITCHIE**  
EXPLORATION, INC.  
Wichita, Kansas

**KCC**  
**FEB 08 2005**  
**CONFIDENTIAL**

**#1 Penka 17C**  
1980' FSL & 2013' FWL  
Section 17-17S-28W  
Lane County, Kansas  
API# 15-101-21851-00-00  
Murfin Drilling, Inc. #22  
Field: Mike Engelbrecht  
2770' GL: 2782' KB

Sample Tops

Anhydrite	2159	+623
B/Anhydrite	2188	+594
Heebner	3930	-1148
Lansing	3970	-1188
Muncie Shale	4127	-1345
Stark Shale	4221	-1439
Marmaton	4322	-1540
Altamont	4344	-1562
Fort Scott	4471	-1689
Cherokee	4493	-1711
Mississippian	4558	-1776
RTD	4620	-1838

**RECEIVED**  
**FEB 09 2005**  
**KCC WICHITA**

# ALLIED CEMENTING CO., INC. 19824

Federal Tax I.D.#

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

**KCC**

SERVICE POINT:  
OAKLEY

FEB 08 2005

DATE <u>10-15-04</u>	SEC. <u>17</u>	TWP. <u>17S</u>	RANGE <u>28W</u>	CALLED OUT <u>CONFIDENTIAL</u>	ON LOCATION <u>11:45 PM</u>	JOB START <u>3:00 AM</u>	JOB FINISH <u>8:00 AM</u>
LEASE <u>PENNA MC</u>	WELL # <u>1</u>	LOCATION <u>SAFEDS HWY 4723-25-1E-15-1/2E-NW F106</u>			COUNTY <u>LANE</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR MURFEN DRILL RIG # 22

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" T.D. 245'

CASING SIZE 8 3/4" DEPTH 245'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 14 1/2 BBL

OWNER SAME

CEMENT

AMOUNT ORDERED 150 SKS COM 3% CC 2966L

100 SKS COM 3% CC FOR ONE-INCH

USED 80 SKS COM 3% CC FOR ONE-INCH

COMMON	<u>230 SKS</u>	@	<u>7 85/100</u>	<u>1805</u>	<u>50</u>
POZMIX		@			
GEL	<u>3 SKS</u>	@	<u>11 00/100</u>	<u>33</u>	<u>00</u>
CHLORIDE	<u>7 SKS</u>	@	<u>33 00/100</u>	<u>231</u>	<u>00</u>
ASC		@			

**EQUIPMENT**

PUMP TRUCK # 177 CEMENTER TERRY HELPER WAYNE

BULK TRUCK # 377 DRIVER ALAN

BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

RECEIVED  
FEB 09 2005  
KCC WICHITA

HANDLING	<u>261 SKS</u>	@	<u>1 35</u>	<u>352</u>	<u>35</u>
MILEAGE	<u>059 PER SK / MILE</u>			<u>522</u>	<u>00</u>
				TOTAL	<u>2943</u>

**REMARKS:**

MIX 150 SKS COM 3% CC 2966L

+ DISPLACED 14 1/2 BBL CEMENT

DEDN'T CIRC

ORDER 100 SKS COM 3% FOR ONE

INCH. USED 80 SKS COM 3% FOR ONE

INCH

RUL DOWN AT 3:30 AM

FINISH ONE-INCH AT 8:00 AM

THANK YOU

**SERVICE**

DEPTH OF JOB	<u>245'</u>		
PUMP TRUCK CHARGE			<u>570 00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>40 MI</u>	@	<u>4 00</u>
MANIFOLD		@	
		@	
		@	
			TOTAL <u>730 00</u>

CHARGE TO: ITCHIE EXPLORATION, INC.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
TOTAL _____		

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Kelly Wilson

KELLY WILSON  
PRINTED NAME

# ALLIED CEMENTING CO., INC. 19126

Federal Tax I.D.:

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

KCC

SERVICE POINT:

OAKLEY KS

FEB 08 2005

DATE 10-28-04	SEC. 17	TWP. 17	RANGE 28	CALLED OUT 11:00 AM	ON LOCATION <b>CONFIDENTIAL</b>	JOB START 3:40 pm	JOB FINISH 8:00 pm
LEASE <u>Penta 17C</u>	WELL # <u>#1</u>	LOCATION <u>Shoulds Hwy 4+23</u>			COUNTY <u>Lawe</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>25.1E-15-12 E NW</u>				

CONTRACTOR Murf. #22

TYPE OF JOB Prod string

HOLE SIZE 7 7/8 T.D. 4620'

CASING SIZE 5 1/2 15 1/2 DEPTH 4618'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 43 23

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT ~~109~~ 109

OWNER Same

CEMENT

AMOUNT ORDERED 225 SKS 60/40 pos

290 gal. 10% salt, 3/4 of 1% CD-31

.14 # DeFoamer

COMMON	135	@	9 1/2	1228 50
POZMIX	90	@	4 1/2	369 00
GEL	4	@	11 00	44 00
CHLORIDE		@		
ASC		@		
SALT	195K	@	15 00	285 00
CD-31	145#	@	5 25	797 50
DeFoamer	32	@	5 25	168 00
WFR-2	500	@	1 00	500 00
HANDLING	252	@	1 35	340 20
MILEAGE	58 x .05 x 252			730 80
TOTAL				4463 00

EQUIPMENT

PUMP TRUCK CEMENTER Fuzzy

# 102 HELPER Walt

BULK TRUCK

# 218 DRIVER Jarrod

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

Mix & pump 500 gal WFR-2

10SK cem in MH

15SK cem in RM

Mix & pump 200SKS cement

Wash out pump & lines

Displace plug to insert

Plug down @ 7:50 pm

Insert did not hold

Job complete 8:00 pm

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FEB 09 2005

KCC WICHITA

SERVICE

DEPTH OF JOB	4618		
PUMP TRUCK CHARGE		1315 00	
EXTRA FOOTAGE		@	
MILEAGE	58	@	4 00
MANIFOLD		@	
		@	
		@	
TOTAL			1547 00

CHARGE TO: Ridchie Exploration

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

THANKS

FUZZY

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT

1. 5 1/2 Plug	59 00	59 00
1. 5 1/2 Guideshoe	@ 150 00	150 00
1. 5 1/2 Insert	@ 235 00	235 00
6. 5 1/2 Cent	@ 50 00	300 00
1. 5 1/2 Basket	@ 128 00	128 00
1. 5 1/2 Port Collar	@ 1750 00	1750 00
TOTAL		2622 00

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Bennie Dick

PRINTED NAME