

12/11/09

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

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 Niemberger
Phone: (316) 691-9500
Contractor: Name: Murfin Drilling, Inc.
License: 30606
Wellsite Geologist: Kim Shoemaker

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. _____

9/4/07 9/11/07 9/11/07
Spud Date or Date Reached TD Completion Date or
Recompletion Date

API No. 15 - 063-21676-0000
County: Gove
approx. E/2 E/2 NE/4 Sec. 34 Twp. 13S S. R. 30 East West
1300 feet from S N (circle one) Line of Section
330 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Rebarchek-Brookover Well #: 1

Field Name: _____
Producing Formation: Mississippian
Elevation: Ground: 2766 Kelly Bushing: 2776
Total Depth: 4455 Plug Back Total Depth: 4425
Amount of Surface Pipe Set and Cemented at 217 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2133 Feet
If Alternate II completion, cement circulated from 2133
feet depth to surface w/ 425 sx cmt.

Drilling Fluid Management Plan API# NJ 5-7-09
(Data must be collected from the Reserve Pit)
Chloride content 12000 ppm Fluid volume 500 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: _____
Title: Production Manager Date: 12/11/07
Subscribed and sworn to before me this 11th day of December,
2007
Notary Public: Debra K. Phillips
Date Commission Expires: 5-4-11

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

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
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DEC 12 2007

Operator Name: Ritchie Exploration, Inc. Lease Name: Rebarchek-Brookover Well #: 1
 Sec. 34 Twp. 13S S. R. 30 East West County: Gove

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 (Attach Additional Sheets) 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 (Submit Copy) List All E. Logs Run: Radiation Guard Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum <p style="text-align: center; font-weight: bold;">SEE ATTACHED</p>
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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	23	217	common	170	3%cc, 2% gel
Production	7-7/8	5-1/2	15.5	4452	ASC	175	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	4389' - 4390' (9/24/07)		

TUBING RECORD		Size <u>2-7/8</u>	Set At <u>4412'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>10/1/07</u>		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. <u>47.9</u>	Gas Mcf	Water Bbls. <u>57.1</u>	Gas-Oil Ratio	Gravity <u>34.1</u>

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 _____

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#1 Rebarchek-Brookover (previously known as #1 Rebarcheck-Teeter)

1300' FNL & 330' FEL

20' N of E/2 E/2 NE/4 Section 34-13S-30W

Gove County, Kansas

API# 15-063-21676-0000

Elevation: 2766' GL: 2776' KB

<u>Sample Tops</u>			<u>Ref. Well</u>
Anhydrite	2184'	+592	flat
B/Anhydrite	2216'	+560	-2
Topeka	3543'	-767	-1
Heebner	3764'	-988	flat
Lansing	3802'	-1026	+1
Muncie Shale	3947'	-1170	flat
Stark Shale	4032'	-1256	-2
BKC	4098'	-1322	flat
Pawnee	4207'	-1431	flat
Fort Scott	4277'	-1501	-3
Cherokee	4304'	-1528	-3
Mississippian	4375'	-1599	-7
RTD	4405'	-1629	
FINAL RTD	4455'	-1679	

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CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC. 30438

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

SERVICE POINT: Great Bend

DATE <u>9-11-07</u>	SEC. <u>34</u>	TWP. <u>13</u>	RANGE <u>30</u>	CALLED OUT <u>12:00 PM</u>	ON LOCATION <u>6:30 PM</u>	JOB START <u>10:00 AM</u>	JOB FINISH <u>11:00 AM</u>
RESEARCH LEASE <u>Trust</u>		WELL # <u>1</u>		LOCATION <u>East side of Healy, 17 N to R2 "N", 1 W, N/S</u>		COUNTY <u>Gove</u>	STATE <u>Ks</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Martin #14
 TYPE OF JOB Production string
 HOLE SIZE 7 7/8" T.D. 4455'
 CASING SIZE 5 1/2" 15.5# DEPTH 4455'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL port collar DEPTH 2133'
 PRES. MAX 1200 # PSI MINIMUM 0
 MEAS. LINE _____ SHOE JOINT 19.70
 CEMENT LEFT IN CSG. 19.70

OWNER Ritchie Exploration
 CEMENT AMOUNT ORDERED 150 sx ASC 102 sack 270 lb Lead Cement
50 sx ASC w/latex tail cement
500 gal ASF 102 sack 270 lb

PERFS. _____
 DISPLACEMENT 106 BBLs of freshwater

COMMON	@		
POZMIX	@		
GEL		<u>4</u>	@ <u>16.65</u> <u>66.60</u>
CHLORIDE	@		
ASC		<u>200 lb</u>	@ <u>14.90</u> <u>2980.00</u>
Salt		<u>20</u>	@ <u>19.20</u> <u>384.00</u>
Latex		<u>50 #</u>	@ <u>13.55</u> <u>677.50</u>
ASF		<u>500 gal</u>	@ <u>1.00</u> <u>500.00</u>
	@		
	@		
	@		
	@		
	@		
HANDLING	@	<u>232</u>	@ <u>1.90</u> <u>450.30</u>
MILEAGE		<u>232 x 31 x .09</u>	<u>661.23</u>
			TOTAL <u>5719.63</u>

EQUIPMENT
 PUMP TRUCK CEMENTER Rick H.
 # 120 HELPER Randy Y.
 BULK TRUCK
 # 342 DRIVER Steve T.
 BULK TRUCK
 # 341 DRIVER Kevin W.

REMARKS:
pipe on bottom, broke circulation, pumped 15 BBLs of water, 500 gals w/RT, pumped 5 BBLs of water, plug float w/15sx plug 10' in mouse hole, hooked to casing mixed 125 sx ASC cement followed by 50 sx ASC w/latex. Shut down, wash pump lines. Released plug + displaced with 106 BBLs of freshwater and released and float held. Initial plug set 1200# PSI.

SERVICE

DEPTH OF JOB	<u>4452'</u>	
PUMP TRUCK CHARGE		<u>1625.00</u>
EXTRA FOOTAGE		@
MILEAGE	<u>31</u>	@ <u>6.00</u> <u>186.00</u>
MANIFOLD		@
<u>Hard Rent</u>		@ <u>100.00</u> <u>100.00</u>
		@
TOTAL <u>1961.00</u>		

CHARGE TO: Ritchie Exploration
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>1- 5 1/2" Port Collar "Larson"</u>		<u>1750.00</u>
<u>6- 5 1/2" Curb's</u>	@ <u>50.00</u>	<u>300.00</u>
<u>2- 5 1/2" Baskets</u>	@ <u>165.00</u>	<u>330.00</u>
<u>1- 5 1/2" Insert</u>	@ <u>260.00</u>	<u>260.00</u>
<u>1- 5 1/2" Plug "Robby"</u>	@ <u>65.00</u>	<u>65.00</u>
	@	
<u>1- 5 1/2" Guide shoe</u>		<u>170.00</u> <u>170.00</u>
TOTAL <u>2825.00</u>		

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 Gary Rowe
 PRINTED NAME _____

SIGNATURE x Gary Rowe

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CONSERVATION DIVISION
WICHITA, KS

- Ted -

ALLIED CEMENTING CO., INC.

30884

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

SERVICE POINT: Great Bend
~~1122~~

DATE <u>9-17-07</u>	SEC <u>37</u>	TWP <u>13</u>	RANGE <u>30</u>	CALLED OUT <u>7:00 AM</u>	ON LOCATION <u>1:00 PM</u>	JOB START <u>2:30 PM</u>	JOB FINISH <u>3:00 PM</u>
LEASE <u>Rebar check</u>	WELL # <u>1</u>	LOCATION <u>East side of Hwy 17N to</u>			COUNTY <u>Atchison</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>Adm 1w NLS</u>			

CONTRACTOR Plains well co OWNER _____

TYPE OF JOB Port Collar

HOLE SIZE _____ T.D. 4455 ft CEMENT AMOUNT ORDERED 475 60 63 gal

CASING SIZE 5 1/2 DEPTH 4455 ft used 425 gal

TUBING SIZE 2 1/2 DEPTH 2133 ft 1/2" Floeal 106

DRILL PIPE _____ DEPTH _____

TOOL Port collar DEPTH 2133 ft

PRES. MAX _____ MINIMUM _____ COMMON 255 @ 12.60 3213.00

MEAS. LINE _____ SHOE JOINT _____ POZMIX 170 @ 6.40 1088.00

CEMENT LEFT IN CSG. _____ GEL 26 @ 16.65 432.90

PERFS. _____ CHLORIDE _____ @ _____

DISPLACEMENT _____ ASC _____ @ _____

EQUIPMENT Floeal 106 @ 2.00 212.00

PUMP TRUCK CEMENTER Mike _____ @ _____

181 HELPER Randy _____ @ _____

BULK TRUCK _____ @ _____

357 DRIVER Steve _____ @ _____

BULK TRUCK _____ @ _____

_____ DRIVER _____ @ _____

HANDLING 505 @ 1.90 959.50

MILEAGE 31.9.505 Oakley @ _____ 1408.95

REMARKS: _____ TOTAL 7314.35

Pres up Tool at 1200#

Mix Cement circulate to surface

From 2233 ft with 425 gal of 380#

run 10 gal of Tuben + Then

wash out the Tuben

Pres up to 1200# check tool

CHARGE TO: Ritchie Expl

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1881.00

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL 0

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Gary Rowe

PRINTED NAME GARY ROWE

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WICHITA, KS

ALLIED CEMENTING CO., INC.

28707

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

SERVICE POINT:
Oakley, KS

9-4-07	SEC. 34	TWP. 13	RANGE 30	CALLED OUT	ON LOCATION 7:00pm	JOB START 7:00pm	JOB FINISH 7:30pm
DATE							
Robarchok LEASE Trust	WELL# #1	LOCATION Oakley S-Gove rd east to			COUNTY Gove	STATE KS	
OLD OR <u>NEW</u> (Circle one)		Rd 26 S s - 26. N. W					

CONTRACTOR Murphy #14
 TYPE OF JOB Surf ace
 HOLE SIZE 12 1/4 T.D. 220'
 CASING SIZE 8 5/8 23' DEPTH 220'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 13.05 BBL

EQUIPMENT

PUMP TRUCK CEMENTER Fuzz
 # 417 HELPER Relly
 BULK TRUCK
 # 377 DRIVER Louise
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

Cement did circulate

Plug down @ 7:30pm

Thanks Fuzz & crew

CHARGE TO: Ridgely Exploration
 STREET _____
 CITY _____ STATE _____ ZIP _____

OWNER same

CEMENT
 AMOUNT ORDERED 170 lbm
39 cc 29 cc

COMMON	<u>170</u>	@	<u>12⁶⁰</u>	<u>2142⁰⁰</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>16⁶⁵</u>	<u>49⁹⁵</u>
CHLORIDE	<u>6</u>	@	<u>46⁶⁰</u>	<u>279⁶⁰</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>179</u>	@	<u>19⁰⁰</u>	<u>340¹⁰</u>
MILEAGE	<u>109.85</u>	@		<u>499⁴¹</u>
TOTAL				<u>3311⁻</u>

SERVICE

DEPTH OF JOB 220'
 PUMP TRUCK CHARGE 815⁰⁰
 EXTRA FOOTAGE @ _____
 MILEAGE 31 @ 6⁰⁰ 186⁰⁰
 MANIFOLD + head @ _____ 100⁰⁰
 @ _____
 @ _____
 TOTAL 1101⁰⁰

PLUG & FLOAT EQUIPMENT

1-8 5/8 surface plug 60⁰⁰
 @ _____
 @ _____
 @ _____
 @ _____
 TOTAL 60⁰⁰

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 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.

SIGNATURE Greg Church

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS
 PRINTED NAME Greg Church

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