

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address: P.O. Box 783188
City/State/Zip: Wichita, KS 67278-3188
Purchaser: _____
Operator Contact Person: Rocky Milford
Phone: (316) 691-9500
Contractor: Name: L. D. Bowling, Inc.
License: 6039
Wellsite Geologist: Kim Shoemaker
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. _____
10/10/03 10/20/03 10/20/03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

CONFIDENTIAL

RELEASED
JAN 13 2004

FROM CONFIDENTIAL

RECEIVED

JAN 06 2004

KCC WICHITA

API No. 15 - 101-21822-00-00
County: Lane
E/2 E/2 W/2 Sec. 6 Twp. 17 S. R. 30 East West
2640 feet from S / (circle one) Line of Section
2220 feet from E / (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: B. Brooks Well #: 1
Field Name: Wildcat
Producing Formation: _____
Elevation: Ground: 2893' Kelly Bushing: 2898'
Total Depth: 4615' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 266 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) ALT II PAA
Wfm 5/23/06
Chloride content 13,000 ppm Fluid volume 1,300 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: Robert Z Milford
Title: Geologist Date: 1-5-04
Subscribed and sworn to before me this 5th day of January,
2004.
Notary Public: Debra K. Phillips
Date Commission Expires: 5/4/07

DEBRA K. PHILLIPS
Notary Public - State of Kansas
My Appt. Expires 5/4/07

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

✓

X

Operator Name: Ritchie Exploration, Inc. Lease Name: B. Brooks Well #: 1
 Sec. 6 Twp. 17 S. R. 30 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 Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

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

List All E. Logs Run:

Dual Compensated Porosity Log
 Dual Induction Log
 Borehole Compensated Sonic Log

RECEIVED
 JAN 06 2004
 KCC WICHITA

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 Casing	12 1/4"	8-5/8"	23#	266'	Common	170	2% gel, 3%CC

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method				
	<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 Vented Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____



RECEIVED

JAN 06 2004

KCC WICHITA

#1 B. Brooks
2640' FNL & 2220' FWL
Section 6-17S-30W
Lane County, Kansas
API#15-101-21822-0000
L.D. Drilling, Inc. Rig #1
Field Geologist: Kim Shoemaker
Office Geologist: Rocky Milford
Staked Elevation: 2,893' GL 2,898' KB

RELEASED
JAN 13 2006
FROM CONFIDENTIAL

Sample Tops

Stone Corral	2267'	+631
B/Anhydrite	2325'	+573
Stotler	3538'	-640
Heebner	3917'	-1019
Lansing	3950'	-1052
Stark	4220'	-1322
B/KC	4296'	-1398
Marmaton	4329'	-1431
Pawnee	4415'	-1517
Fort Scott	4467'	-1569
Cherokee	4491'	-1593
Johnson zone	4528'	-1630
Mississippian	4569'	-1666
RTD	4615'	-1717

ALLIED CEMENTING CO., INC.

14869

Federal Tax I.D.#

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

SERVICE POINT: Oakley

RELEASED
MAR 10 2004

DATE <u>10-10-03</u>	SEC. <u>6</u>	TWP. <u>19S</u>	RANGE <u>30W</u>	CALLED OUT	ON LOCATION <u>3:30 PM</u>	JOB START <u>9:00 PM</u>	JOB FINISH <u>9:15 PM</u>
LEASE <u>B. Brooks</u>	WELL # <u>1</u>	LOCATION <u>Healy 3 1/2 W 14 N</u>		COUNTY <u>Lane</u>	STATE <u>Kan</u>		

CONTRACTOR L-D Dels Co #1

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 269'

CASING SIZE 8 5/8 DEPTH 266'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 16 - BBL

OWNER Same

CEMENT AMOUNT ORDERED 170 SKS COM
3% CC - 2% Gel

COMMON	<u>170 SKS</u>	@	<u>8.35</u>	<u>1,419.50</u>
POZMIX		@		
GEL	<u>3 SKS</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>6 SKS</u>	@	<u>30.00</u>	<u>180.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>170 SKS</u>	@	<u>11.5</u>	<u>195.50</u>
MILEAGE	<u>5.4 per SK mile</u>			<u>382.50</u>

EQUIPMENT

PUMP TRUCK CEMENTER Walt

191 HELPER Wayne

BULK TRUCK DRIVER Louise

218 DRIVER

BULK TRUCK DRIVER

RECEIVED TOTAL 2,207.50

REMARKS:

JAN 06 2004
KCC WICHITA SERVICE

Cement in Cellar

[Signature]

DEPTH OF JOB

PUMP TRUCK CHARGE 520.00

EXTRA FOOTAGE @

MILEAGE 8 5/8 Surfa @ 45.00

PLUG 45 miles @ 3.50 157.50

TOTAL 722.50

CHARGE TO: Ritchie Exploration

STREET

CITY STATE ZIP

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 Michael Pedigo

Michael Pedigo
PRINTED NAME

ALLIED CEMENTING CO., INC. 14255

Federal Tax I.D.# XXXXXXXXXX

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

SERVICE POINT: Oakley

15-101-21822-00-00

DATE <u>10-20-03</u>	SEC. <u>6</u>	TWP. <u>17s</u>	RANGE <u>30w</u>	CALLED OUT	ON LOCATION <u>1:30 PM</u>	JOB START <u>1:45 PM</u>	JOB FINISH <u>4:15 PM</u>
LEASE <u>B. Brooks</u>	WELL # <u>1</u>	LOCATION <u>Healy</u>		RELEASED		COUNTY <u>Lane</u>	STATE <u>Kan</u>
OLD OR <u>NEW</u> (Circle one)							

MAR 13 2004

CONTRACTOR L-D Drlys Co

TYPE OF JOB P.T.A.

HOLE SIZE 7 7/8 T.D. 4615'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 XH DEPTH 2320'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER Stame
FROM CONFIDENTIAL

CEMENT AMOUNT ORDERED 255 sks 60/40 perz
6% Cal, 1/4# Flo-Seal

COMMON	<u>153 SKS</u>	@	<u>8.35</u>	<u>1,277.55</u>
POZMIX	<u>102 SKS</u>	@	<u>3.80</u>	<u>387.60</u>
GEL	<u>13 SKS</u>	@	<u>10.00</u>	<u>130.00</u>
CHLORIDE		@		
<u>Flo-Seal 64#</u>		@	<u>1.40</u>	<u>89.60</u>
		@		
		@		
		@		
		@		

EQUIPMENT

PUMP TRUCK CEMENTER Walt

300 HELPER Fuzzy

BULK TRUCK DRIVER Larry

218

BULK TRUCK DRIVER _____

HANDLING	<u>255 SKS</u>	@	<u>1.15</u>	<u>293.25</u>
MILEAGE	<u>5¢ per sk/mile</u>			<u>573.75</u>

RECEIVED

JAN 06 2004

KCC WICHITA SERVICE

TOTAL 2,751.95

REMARKS:

50 SKS @ 2320'

80 SKS @ 1360'

50 SKS @ 660'

50 SKS @ 290'

10 SKS @ 40'

15 SKS in hole

[Signature]

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>630.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>45 miles</u>	@	<u>3.50</u>	<u>157.50</u>
PLUG	<u>8 5/8 D.H.</u>	@		<u>23.00</u>
		@		
		@		

TOTAL 810.50

CHARGE TO: Ritchie Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

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 Bill Owen

Bill Owen
PRINTED NAME