

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

KCC

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

JUN 10 2001

CONFIDENTIAL

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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: Murfin Drilling Rig #8
License: 30606

API No. 15 - 065-22827
County: Graham
Section: 160 W - C NW - SE Sec. 10 Twp. 6 S. R. 22 East West
1980 feet from (S) / N (circle one) Line of Section
2140 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: R.E.T. Well #: 1

Wellsite Geologist: Chris Peters
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Producing Formation: _____
Elevation: Ground: 2256' Kelly Bushing: 2261'
Total Depth: 3821' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 259 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.

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. _____

Drilling Fluid Management Plan *YHA 4.9.03*
(Data must be collected from the Reserve Pit)
Chloride content 3200 ppm Fluid volume 1300 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.: _____

4/15/02 4/22/02 4/23/02
Spud Date or Date Reached TD Completion Date or
Recompletion Date

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 Milford
Title: Geologist Date: 5/6/02
Subscribed and sworn to before me this 6th day of May, 2002
Notary Public: Karen Hopper
Date Commission Expires: _____

KAREN HOPPER
Notary Public - State of Kansas
My Appt. Expires 10/27/03

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: R.E.T. Well #: 1
 Sec. 10 Twp. 6 S. R. 22 East West County: Graham

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 No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes No Cores Taken Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes No <i>(Submit Copy)</i> List All E. Logs Run: Radiation Guard Log	Log Formation (Top), Depth and Datum Sample Name Top Datum See Attached
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CASING RECORD New 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#	259'	common	160	3% cc, 2% 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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	No
Date of First, Resumed Production, SWD or Enhr.		Producing Method					
Estimated Production Per 24 Hours		Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
(If vented, Sumit ACO-18.) Other (Specify) _____

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JUN 10 2004

15-065-22827



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#1 R.E.T.
160' W C NW SE
Section 10-6S-22W
Graham County, Kansas
API# 15-065-22827
Murfin Drilling Co.'s rig #8
Field: Chris Peters
Office: Rocky Milford
Elevation: 2256' GL; 2261' KB

Log Tops

Anhydrite	1931'	(+330)
B/Anhydrite	1961'	(+300)
Topeka	3279'	(-1018)
King Hill	3358'	(-1097)
Heebner	3463'	(-1202)
Toronto	3489'	(-1228)
Lansing	3505'	(-1244)
B/KC	3693'	(-1432)
Arbuckle	3765'	(-1504)
LTD	3821'	(-1560)

DRILLING REPORT

4/18/02 DST #1 3412' to 3449' (Oread A & B zones)
Recovered 80' of muddy water with spots of oil (40% mud, 60% water); 60' of muddy water with spots of oil (15% mud, 85% water). 140' of total fluid

IFP: 14-70#/45" ISIP: 979#/45"
FFP: 71-88#/45" FSIP: 959#/45"

4/19/02: DST #2 3460 - 3500' (Toronto)
Recovered 120' of muddy water with spots of oil (15% mud, 85% water); 1610' of water. 1730' of total fluid

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15-06-22 827

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IFP: 150-613#/30" ISIP: 936#/30"
FFP: 631-815#/30" FSIP: 917#/30"

DST #3 3497 - 3519' (L/KC "A" zone)
Recovered 65' of slightly oil cut muddy water (2% oil, 30% mud, 68% water)

IFP: 13-33#/30" ISIP: 993#/30"
FFP: 38-52#/30" FSIP: 979#/30"

4/20/02: DST #4 3525 - 3561' (L/KC "C" & "D" zones)
Recovered 100' of muddy water with spots of oil (10% mud, 90% water); 375' of water. 475' of total fluid

IFP: 17-146#/45" ISIP: 1069#/45"
FFP: 148-235#/45" FSIP: 1048#/45"

4/21/02: DST #5 3606 - 3649' (L/KC "H" & "I" zones)
Recovered 5' of mud

IFP: 14-17#/30" ISIP: 564#/30"
FFP: 17-19#/30" FSIP: 441#/30"

DST #6 3647 - 3666' (L/KC "J" zone)
Recovered 60' of gas in pipe, 20' of clean oil, 140' of slightly oil cut muddy water (4% oil, 20% mud, 76% water); 60' of slightly oil cut muddy water (1% oil, 10% mud, 89% water); 300' of water with a scum of oil throughout. 520' of total fluid (5% oil, 7% mud, 88% water)

IFP: 34-155#/30" ISIP: 432#/45"
FFP: 165-260#/30" FSIP: 428#/45"

4/22/02: DST #7 3668 - 3699' (L/KC "K" & "L" zones)
Recovered 20' of clean oil; 5' of heavy oil cut mud (25% oil, 75% mud). 25' of total fluid

IFP: 11-20#/30" ISIP: 68#/30"
FFP: 22-34#/30" FSIP: 701#/30" *

*Sharp pressure buildup started after 15" into FSIP.

DST #8 3692 - 3773' (conglomerate sand & Arbuckle zone)
Recovered 10' of mud with a good show of oil on top of tool

IFP: 44-51#/30" ISIP: 626#/30"
FFP: 52-55#/30" FSIP: 412#/30"

ORIGINAL ALLIED CEMENTING CO., INC.

09406

Federal Tax I.D.# [REDACTED]

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

CONFIDENTIAL

JUN 10 2001

SERVICE POINT:

Oakley

DATE <u>4-23-02</u>	SEC. <u>10</u>	TWP. <u>6S</u>	RANGE <u>22W</u>	CALLER <u>CONFIDENTIAL</u>	LOCATION <u>1:00PM</u>	JOB START <u>1:30PM</u>	JOB FINISH <u>5:30PM</u>
LEASE <u>R.E.T.</u>	WELL # <u>1</u>	LOCATION <u>Hill City 14N 3E</u>			COUNTY <u>Graham</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Murfin Drill Rig &
 TYPE OF JOB PJA
 HOLE SIZE 7 7/8 T.D. 3820'
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH 1950'
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER Same

CEMENT AMOUNT ORDERED
200 sks 60/40 670 Gel 1/4" Flo Seal

COMMON	<u>120 sks</u>	@ <u>7.85</u>	<u>942.00</u>
POZMIX	<u>80 sks</u>	@ <u>3.55</u>	<u>284.00</u>
GEL	<u>10 sks</u>	@ <u>10.00</u>	<u>100.00</u>
CHLORIDE		@	
		@	
<u>Flo Seal</u>	<u>50 #</u>	@ <u>1.40</u>	<u>70.00</u>
		@	
		@	
		@	
HANDLING	<u>211 sks</u>	@ <u>1.10</u>	<u>232.10</u>
MILEAGE	<u>44 per sk/mile</u>		440.00
			<u>464.20</u>

EQUIPMENT

PUMP TRUCK CEMENTER Dean
 # 191 HELPER Andrew
 BULK TRUCK
 # 315 DRIVER Jarrod
 BULK TRUCK
 # _____ DRIVER _____

RECEIVED
JUN 11 2001
TOTAL 2092.30

REMARKS:

KCC WICHITA SERVICE

1st Plug 1950' w/ 25 sks
2d Plug 1150' w/ 100 sks
3rd Plug 300' w/ 40 sks
10 sks 40'
15 sks Rat Hole
10 sks Mouse Hole

DEPTH OF JOB		<u>1950'</u>
PUMP TRUCK CHARGE		<u>630.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>55 miles</u>	@ <u>3.00</u> <u>165.00</u>
PLUG	<u>4 7/8 Plug</u>	@ <u>2.30</u> <u>23.00</u>
		@
		@

TOTAL 818.00

CHARGE TO: Ritchie Exploration Inc
 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 2092.30
 DISCOUNT 2500.00 IF PAID IN 30 DAYS

SIGNATURE Louis McKeown

Louis McKeown
PRINTED NAME

ALLIED CEMENTING CO., INC.

10580

Federal Tax I.D.#

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SERVICE POINT: *Russell*

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

DATE <i>7/15/02</i>	SEC. <i>10</i>	TWP. <i>6</i>	RANGE <i>22</i>	CALLED OUT <i>1:00pm</i>	ON LOCATION <i>4:30pm</i>	JOB START	JOB FINISH <i>5:30pm</i>
LEASE <i>R.E.T.</i>	WELL # <i>1</i>	LOCATION <i>Hill City 13N 45E</i>			COUNTY <i>Graham</i>	STATE <i>Ks</i>	
OLD OR NEW (Circle one) <u>NEW</u>						KCC	

CONTRACTOR *MORFIN #8*
 TYPE OF JOB *SURFACE*
 HOLE SIZE *12 1/2* T.D.
 CASING SIZE *8 1/2* DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. *15 1/2*
 PERFS.
 DISPLACEMENT *15'*

OWNER *JUN 10 2001*
 CEMENT **CONFIDENTIAL**
 AMOUNT ORDERED *165rb Com 3-2*

COMMON	<i>99</i>	@	<i>65</i>	<i>658 35</i>
POZMIX	<i>66</i>	@	<i>355</i>	<i>234 30</i>
GEL	<i>3</i>	@	<i>10 00</i>	<i>30 00</i>
CHLORIDE	<i>5</i>	@	<i>30 00</i>	<i>150 00</i>
HANDLING	<i>165</i>	@	<i>1 40</i>	<i>181 50</i>
MILEAGE	<i>44/sk/mile</i>	@		<i>36 30</i>
TOTAL				<i>1617 15</i>

EQUIPMENT

PUMP TRUCK CEMENTER *Bill*
 # *345* HELPER *DAVE*
 BULK TRUCK DRIVER *Shane*
 # *213*
 BULK TRUCK DRIVER

REMARKS:

Ran 6 hrs 8 1/2 set @ 259'
Cemt. w/ 165rb Com 32 v
pump plus w/ 1 1/2 bbls water
Cemt. did Circ. v

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<i>520 00</i>
EXTRA FOOTAGE		@	
MILEAGE	<i>55</i>	@	<i>3 00</i>
PLUG	<i>1-8 1/2 WOOD</i>	@	<i>45 00</i>
RECEIVED			
JUN 11 2001			
TOTAL			<i>730 00</i>

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

KCC WICHITA

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 *Louis McKenna*

LOUIS MCKENNA
PRINTED NAME



RITCHIE

EXPLORATION, INC.
Wichita, Kansas

6-10-04

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JUL 30 2004
From
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KCC WICHITA

KCC

JUN 10 2001

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June 10, 2002

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State Corporation Commission
Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202

RE: #1 R.E.T.
Approx. 160' W C NW SE
Sec. 10-6S-22W
Graham County, Kansas

To Whom It May Concern:

Enclosed please find the Well Plugging Record (CP-4) and the ACO-1 for the above referenced well. The required logs, DST reports, and cementing tickets have also been enclosed. Ritchie Exploration, Inc. requests the ACO-1 form on this well be held confidential for a one (1) year period.

Thank you.

Sincerely,

Karen Hopper
Production Assistant

Enclosures

kh

P.O. Box 783188
Wichita, Kansas 67278-3188

(316) 691-9500
Fax (316) 691-9550
rei@ritchie-exp.com

8100 E. 22nd St. N., Bldg. 700
Wichita, Kansas 67226-2328