

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address: P.O. Box 783188
City/State/Zip: Wichita, KS 67278-3188
Purchaser: _____
Operator Contact Person: Craig Caulk
Phone: (316) 691-9500
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: Paul Gunzelman

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KCC WICHITA

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>11/3/03</u>	<u>11/10/03</u>	<u>11/10/03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 153-20824-0000
County: Rawlins
 - C - SE - SW Sec. 25 Twp. 1 S. R. 34 East West
660 feet from S / N (circle one) Line of Section
1980 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Horinek 25C Well #: 1

Field Name: _____
Producing Formation: _____
Elevation: Ground: 3041' Kelly Bushing: 3046'
Total Depth: 4280' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 339 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 I P&A with 2-28-07*
Chloride content 900 ppm Fluid volume 1000 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: Craig Caulk
Title: Geologist Date: 1-5-04
Subscribed and sworn to before me this 5th day of January
20 04
Notary Public: Debra K. Phillips My Appt. Expires 5/4/07
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

Operator Name: Ritchie Exploration, Inc. Lease Name: Horinek 25C Well #: 1
 Sec. 25 Twp. 1 S. R. 34 East West County: Rawlins

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: Radiation Guard Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum See attached <div style="text-align: center; border: 1px solid black; padding: 10px;"> RECEIVED JAN 06 2004 KCC WICHITA </div>
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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 Casing	12 1/4"	8-5/8"	23#	339'	Common	225	2% gel, 3%CC

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
					<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 Bbbs.	Gas Mcf	Water Bbbs.	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



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#1 Horinek 25C
660' FSL & 1980' FWL
Section 25-1S-34W
Rawlins County, Kansas
API#15-153-20824-0000
Murfin Drilling Co., Inc. Rig #3
Field Geologist: Paul Gunzelman
Office Geologist: Craig Caulk
Staked Elevation: 3,041' GL 3,046' KB

Sample Tops

Anhydrite	2892'	+154
Heebner Shale	3945'	-899
Lansing	3990'	-944
100 foot zone	4092'	-1046
180 foot zone	4181'	-1135
Stark Shale	4196'	-1150
B/KC	4229'	-1183
RTD	4280'	-1234

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

ALLIED CEMENTING CO., INC. 13431

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:
OAKLEY, KS

DATE <u>11-10-03</u>	SEC. <u>2S</u>	TWP. <u>1</u>	RANGE <u>34</u>	CALLED OUT <u>4:30pm</u>	ON LOCATION <u>7:30pm</u>	JOB START <u>8:00pm</u>	JOB FINISH <u>12:00AM</u>
LEASE <u>HofineK</u>	WELL# <u>25-C</u>	LOCATION <u>Atwood 8 1/2 N - 1 1/2 W</u>			COUNTY <u>Rawlins</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>n. 20</u>				

CONTRACTOR MUR #3

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 4280'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER Same

CEMENT

AMOUNT ORDERED 200 SKS 60/40
pos 630 cel 14 # cello / SK

COMMON	<u>120</u>	@	<u>8³⁵</u>	<u>1002⁰⁰</u>
POZMIX	<u>80</u>	@	<u>3⁸⁰</u>	<u>304⁰⁰</u>
GEL	<u>10</u>	@	<u>10⁰⁰</u>	<u>100⁰⁰</u>
CHLORIDE		@		
<u>Flo-Seal</u>		#		
Flake	<u>20</u>	@	<u>1⁴⁰</u>	<u>70⁰⁰</u>
		@		
		@		
		@		
		@		
HANDLING <u>212 SKS</u>		@	<u>1.15</u>	<u>243.80</u>
MILEAGE <u>212 x 60 x .05</u>				<u>636⁰⁰</u>

EQUIPMENT

PUMP TRUCK CEMENTER Fuzzy

373 HELPER Andrew

BULK TRUCK

218 DRIVER Mike

BULK TRUCK

_____ DRIVER _____

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JAN 06 2004

TOTAL 2355.80

REMARKS:

mit + pump 25 SKS @ 2910'

100 SKS @ 2140'

40 SKS @ 390'

w/ solid bridge 10 SKS @ 40

15 SKS in RH

10 SKS in MH

Job complete @ 11:30 pm

Thanks Fuzzy

KCC WICHITA SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 630⁰⁰

EXTRA FOOTAGE _____ @ _____

MILEAGE 60 @ 3⁵⁰ 210⁰⁰

PLUG 8518 @ 23⁰⁰ 23⁰⁰

_____ @ _____

_____ @ _____

TOTAL 863⁰⁰

CHARGE TO: Ritchie Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

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 Charles Van Relt

PRINTED NAME _____

ALLIED CEMENTING CO., INC. 14790

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:
Oakley

DATE <u>11-3-03</u>	SEC. <u>25</u>	TWP. <u>6</u>	RANGE <u>34w</u>	CALLED OUT	ON LOCATION <u>9:10PM</u>	JOB START <u>11:30 PM</u>	JOB FINISH <u>12:00 AM</u>
LEASE <u>Horinet 25-c</u>	WELL # <u>1</u>	LOCATION <u>Atwood 8 1/2 N 1 1/2 W N/S</u>			COUNTY <u>Rawlins</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR Murfin Prtg Rig 3

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 339'

CASING SIZE 8 5/8 DEPTH 339'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 20 1/2 Bbls

OWNER Same

CEMENT

AMOUNT ORDERED
225 SKS Com 32 CC 2 1/2 Gel

COMMON	<u>225 SKS</u>	@	<u>8.35</u>	<u>1878.75</u>
POZMIX		@		
GEL	<u>4 SKS</u>	@	<u>10.00</u>	<u>40.00</u>
CHLORIDE	<u>8 SKS</u>	@	<u>30.00</u>	<u>240.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>225 SKS</u>	@	<u>1.15</u>	<u>258.75</u>
MILEAGE	<u>54 /sk/mile</u>			<u>675.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Dean

373-281 HELPER Andrew

BULK TRUCK

218 DRIVER Lonnie

BULK TRUCK

DRIVER

RECEIVED TOTAL 3092.50

JAN 06 2004
KCC WICHITA SERVICE

REMARKS:

Cement did circulate

Thank you

DEPTH OF JOB 339'

PUMP TRUCK CHARGE 520.00

EXTRA FOOTAGE @

MILEAGE 60 Miles @ 3.50 210.00

PLUG 8 5/8 Surface @ 45.00

@

@

TOTAL 775.00

CHARGE TO: Ritchie Exploration Inc

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT [Signature]

@

@

@

@

@

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 Keith Van Pelt

PRINTED NAME



1-5-06
~~1-5-05~~

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KCC WICHITA

January 12, 2004

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

15.153.20824.00.00

RE: #1 Horinek 25C
Sec. 25-1S-34W
Rawlins County, Kansas

To Whom It May Concern:

Ritchie Exploration, Inc. requests the ACO-1 form on the above captioned well be held confidential for an additional one (1) year period to January 5, 2006.

Thank you for the time taken with this matter.

Sincerely,

RITCHIE EXPLORATION, INC.

Debbie Phillips
Accounting Supervisor

dkp