

CONFIDENTIAL

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

12/02/10

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: WW Drilling LLC
License: 33575 **DEC 02 2008**

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Wellsite Geologist: Tom Funk
Designate Type of Completion: **KCC**
 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. P+ A

8/8/08 8/14/08 8/15/08
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 179-21204-0000
County: Sheridan
S/2 S/2 SE Sec. 16 Twp. 10 S. R. 26 East West
335 feet from (S) N (circle one) Line of Section
1373 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Martin 16D Well #: 1

Field Name: _____
Producing Formation: _____
Elevation: Ground: 2548' Kelly Bushing: 2553'
Total Depth: 4100' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 207 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 PANJ 22409
(Data must be collected from the Reserve Pit)
Chloride content 2300 ppm Fluid volume 550 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: 12/2/08

Subscribed and sworn to before me this 2nd day of December,
2008.

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 **RECEIVED**
 UIC Distribution **KANSAS CORPORATION COMMISSION**

DEC 03 2008

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Ritchie Exploration, Inc. Lease Name: Martin 16D Well #: 1
 Sec. 16 Twp. 10 S. R. 26 East West County: Sheridan

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)

List All E. Logs Run:

Radiation Guard Log

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

SEE ATTACHED

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KCC

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	12-1/4	8-5/8	23#	207'	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 (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

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 WICHITA, KS



#1 Martin 16D
335' FSL & 1373' FEL
5' N & 53' W of S/2 S/2 SE Section 16-10S-26W
Sheridan County, Kansas
API# 15-179-21204-00-00
Elevation: 2548' GL, 2553' KB

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<u>Sample Tops</u>			<u>Ref.</u>	<u>Well</u>
Anhydrite	2181'	+372	-5	
B/Anhydrite	2220'	+333	-7	
Heebner	3782'	-1229	-7	
Lansing	3821'	-1268	-7	
Lansing "C"	3849'	-1296	-7	
Lansing "D"	3861'	-1308	-8	
Lansing "E"	3889'	-1336	-11	
Lansing "F"	3898'	-1345	-14	
Lansing "H"	3956'	-1403	-5	
Lansing "J"	4007'	-1454	-8	
Lansing "K"	4022'	-1469	-8	
BKC	4054'	-1501	-4	
RTD	4100'	-1547		

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KANSAS CORPORATION COMMISSION
DEC 03 2008
CONSERVATION DIVISION
WICHITA, KS

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., LLC. 31580

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

SERVICE POINT:
Dakota, Ks

DATE <u>8/14/08</u>	SEC. <u>16</u>	TWP. <u>10</u>	RANGE <u>26</u>	CALLED OUT	ON LOCATION <u>8:45 am</u>	JOB START <u>4:15 am</u>	JOB FINISH <u>5:15 am</u>
LEASE # <u>#1 Martin</u>	WELL # <u>16-D</u>	LOCATION <u>Quarter 8w 3/4 E N into</u>	COUNTY <u>Sheridan</u>	STATE <u>Ks</u>			
OLD OR NEW (Circle one)							

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CONTRACTOR W-W 4 Drilling
TYPE OF JOB Retain Plug
HOLE SIZE 7 7/8" T.D.T
CASING SIZE 8 5/8" DEPTH 207
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT

OWNER Same
CEMENT AMOUNT ORDERED 205 SKs 60/40 49 gel

EQUIPMENT
PUMP TRUCK CEMENTER Alan
422 HELPER Wayne
BULK TRUCK
347 DRIVER Rex
BULK TRUCK
DRIVER

COMMON	<u>125 SKs</u>	@ <u>15.45</u>	<u>1931.25</u>
POZMIX	<u>80 SKs</u>	@ <u>8.00</u>	<u>640.00</u>
GEL	<u>8 SKs</u>	@ <u>21.00</u>	<u>168.00</u>
CHLORIDE		@	
ASC		@	
HANDLING	<u>213 SKs</u>	@ <u>2.40</u>	<u>511.20</u>
MILEAGE	<u>12.4 SK/mile</u>		<u>915.90</u>
TOTAL			<u>4164.75</u>

REMARKS:
25 SKs @ 2200'
100 SKs @ 1203'
40 SKs @ 250'
10 SKs @ 40'
30 SKs Rat Hole
Thompson
Alan, Wayne, Rex

SERVICE
DEPTH OF JOB 1185.00
PUMP TRUCK CHARGE
EXTRA FOOTAGE @
MILEAGE 43 @ 7.00 301.00
MANIFOLD @
TOTAL 1486.00

CHARGE TO: Ritchie Exploration
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT
8 7/8 Dry Hole Plug @ 40.00
TOTAL 40.00

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Rodney Doherty
SIGNATURE [Signature]

SALES TAX (If Any)
TOTAL CHARGES
DISCOUNT IF PAID IN 30 DAYS

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WICHITA, KS