

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

9/25/10

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address: P.O. Box 783188
City/State/Zip: Wichita, KS 67278-3188
Purchaser: _____
Operator Contact Person: John Niemberger **KCC**
Phone: (316) 691-9500
Contractor: Name: Murfin Drilling, Inc. **SEP 25 2008**
License: 30606 **CONFIDENTIAL**
Wellsite Geologist: Tom Funk

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: _____ **SEP 25 2008**

Well Name: _____ **KCC**
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. _____

6/2/08	6/9/08	6/10/08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 135-24812-0000
County: Ness
approx. NE NW SW Sec. 31 Twp. 20 S. R. 23 East West
2180 2162 feet from S N (circle one) Line of Section
978 4316 feet from E W (circle one) Line of Section

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

Field Name: _____
Producing Formation: _____
Elevation: Ground: 2227' Kelly Bushing: 2232'
Total Depth: 4450' Plug Back Total Depth: 4415'
Amount of Surface Pipe Set and Cemented at 209 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 PA NH 11-2408
(Data must be collected from the Reserve Pit)
Chloride content 35000 ppm Fluid volume 800 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: 9/25/08
Subscribed and sworn to before me this 25th day of September,
2008.
Notary Public: Debra K. Phillips
Date Commission Expires: 5/4/11

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
KANSAS CORPORATION COMMISSION
SEP 26 2008

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

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Ritchie Exploration, Inc. Lease Name: Deer Valley Well #: 1
 Sec. 31 Twp. 20 S. R. 23 East West County: Ness

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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	SEE ATTACHED		
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

Dual Induction Log
Compensated Density/Neutron Log

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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	12-1/4	8-5/8	23	209	common	160	3%cc, 2% gel
Production	7-7/8	4-1/2	10.5	4441	60/40 pozmix	125	2% gel, 10% salt, 3/4% CD-31

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 <i>(Amount and Kind of Material Used)</i>	Depth
4	4364' - 4369' (Miss) 6/13/08 --- CIBP 4320' 6/17/08	250 gals 15% NE	
	***** Plugged & Abandoned well on 6/17/08*****		
	*****Pulled 4376' of 4-1/2" casing*****		

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TUBING RECORD		Size	Set At	Packer At	Liner Run	CONSERVATION DIVISION WICHITA, KS	
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			<input type="checkbox"/> Yes <input type="checkbox"/> No		
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 _____



#1 Deer Valley

2160' FSL & 970' FWL

150'S & 20'W C NE NW SW Section 31-20S-23W

Ness Co., Kansas

API# 15-135-24812-0000

Elevation: 2227' GL: 2232' KB

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<u>Sample Tops</u>			<u>Ref.</u> <u>Well</u>
Anhydrite	1453'	+779	-12
B/Anhydrite	1496'	+736	-18
Heebner	3681'	-1449	-15
Toronto	3697'	-1465	-12
Lansing	3729'	-1497	-12
Stark Shale	3998'	-1767	-17
BKC	4062'	-1830	-10
Pawnee	4186'	-1954	-13
Fort Scott	4254'	-2022	-14
Cherokee Shale	4280'	-2048	-13
Basal Penn. Lm	4323'	-2091	-11
Mississippian	4360'	-2128	-11
RTD	4450'	-2218	

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CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., LLC. 31639

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

SERVICE POINT:
Orkley KS

DATE <u>6-2-08</u>	SEC <u>31</u>	TWP. <u>20</u>	RANGE <u>23</u>	CALLED OUT	ON LOCATION <u>2:00pm</u>	JOB START <u>3:00</u>	JOB FINISH <u>3:30pm</u>
DEEP VALLEY LEASE	WELL # <u>#1</u>	LOCATION <u>Ness City S. Rd 536</u>			COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>		<u>2w-1s-1e-3/4 5cm</u>					

CONTRACTOR Murphy #24 OWNER same

TYPE OF JOB SunSaver

HOLE SIZE <u>12 1/4</u>	T.D. <u>210'</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>210'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>12.4 BBLs</u>	

CEMENT AMOUNT ORDERED 160 com 3% cc
29 bagel

COMMON	<u>160</u>	@ <u>14.30</u>	<u>2272.00</u>
POZMIX		@	
GEL	<u>3</u>	@ <u>18.75</u>	<u>56.25</u>
CHLORIDE	<u>6</u>	@ <u>52.45</u>	<u>314.70</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>169</u>	@ <u>2.15</u>	<u>363.35</u>
MILEAGE	<u>1.0975 km</u>		<u>282.00</u>
	<u>(min. 1.000)</u>		
TOTAL			<u>3288.30</u>

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EQUIPMENT

PUMP TRUCK	CEMENTER <u>Tuzz4</u>
# <u>431</u>	HELPER <u>Kelly</u>
BULK TRUCK	
# <u>399</u>	DRIVER <u>hennie</u>
BULK TRUCK	
#	DRIVER

REMARKS:
Cement did circulate

Job complete @ 3:30pm

Thanks Tuzz4 crew

SERVICE

DEPTH OF JOB	<u>210'</u>	
PUMP TRUCK CHARGE		<u>97.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>15</u>	@ <u>7.00</u> <u>105.00</u>
MANIFOLD	@	
	@	
	@	
TOTAL <u>1022.00</u>		

CHARGE TO: R. Jackie Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL _____		

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 Donald Strecker

SIGNATURE Donald Strecker

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

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KANSAS CORPORATION COMMISSION
SEP 26 2008
CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., LLC. 33116

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

SERVICE POINT:
New City

DATE <u>6-10-08</u>	SEC. <u>31</u>	TWP. <u>20</u>	RANGE <u>23</u>	CALLED OUT <u>11:00 AM</u>	ON LOCATION <u>3:00 PM</u>	JOB START <u>7:30 PM</u>	JOB FINISH <u>8:30 PM</u>
LEASE <u>Deer Valley</u>	WELL # <u>1</u>	LOCATION <u>New City 11 south, 2 west</u>			COUNTY <u>New</u>	STATE <u>Kansas</u>	
OLD OR NEW (Circle one)		<u>1 south, 1 east 1/2 SE into</u>					

CONTRACTOR Murfin 24
 TYPE OF JOB Longstring
 HOLE SIZE 7 7/8 T.D. 4450'
 CASING SIZE 4 1/2" NEW DEPTH 444 1/2'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL Port collar DEPTH 14 1/2'
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE NO SHOE JOINT ✓ 18.98
 CEMENT LEFT IN CSG. 18.98
 PERFS. _____
 DISPLACEMENT ✓ 70.3 BBLs H²⁰

OWNER Ritchie Exploration Inc.

CEMENT
 AMOUNT ORDERED 150 AX 60/40 10% salt
2% Gel 3/4 of 1% CD 31
500 Gallon WFR II

COMMON	<u>90 AX</u>	@	<u>12.30</u>	<u>1107.00</u>
POZMIX	<u>60 AX</u>	@	<u>6.85</u>	<u>411.00</u>
GEL	<u>3 AX</u>	@	<u>18.40</u>	<u>55.20</u>
CHLORIDE		@		
ASC		@		
SALT	<u>7 AX</u>	@	<u>21.25</u>	<u>148.75</u>
AS FLUSH	<u>500 GAL</u>	@	<u>1.10</u>	<u>550.00</u>
ACD-31	<u>96 #</u>	@	<u>8.30</u>	<u>796.80</u>
		@		
		@		
		@		
		@		
HANDLING	<u>162 AX</u>	@	<u>2.10</u>	<u>340.20</u>
MILEAGE	<u>162 AX @ 9 IS M</u>			<u>277.00</u>
TOTAL				<u>3685.95</u>

EQUIPMENT
A.B.
 PUMP TRUCK CEMENTER R. R. Trailing Jim
 #120 HELPER David J.
 BULK TRUCK
 #344 DRIVER Carl Staab
 BULK TRUCK
 # DRIVER

REMARKS:

Ran new 4 1/2 casing to bottom.
Break circulation with rig mud. Circulate
hole for 2 hours. Pump 500 Gallon WFR II
down 4 1/2 casing. Plug natural with 15 ex cement.
Plug manhole with 100 ex cement. Hook up to 4 1/2
casing & mixed 125 ex cement. Shut down wash
pump & line out. Release 4 1/2 plug & displace with
70.3 BBLs fresh H²⁰ plug landed & float did hold!

CHARGE TO: Ritchie Exploration Inc.
 STREET P.O. Box 783188
 CITY Wichita STATE Kansas ZIP 67278

SERVICE

DEPTH OF JOB	<u>444 1/2'</u>			
PUMP TRUCK CHARGE				<u>1850.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>15</u>	@	<u>7.00</u>	<u>105.00</u>
MANIFOLD		@		
Pressure recorder		@	<u>NC</u>	<u>NC</u>
Head rental		@	<u>111.00</u>	<u>111.00</u>
TOTAL				<u>2066.00</u>

PLUG & FLOAT EQUIPMENT

<u>4 1/2 Rubber Plug</u>	@	<u>60.00</u>	<u>60.00</u>
<u>Guide shoe</u>	@	<u>166.00</u>	<u>166.00</u>
<u>Smovent</u>	@	<u>249.00</u>	<u>249.00</u>
<u>2 1/2 Baskets</u>	@	<u>166.00</u>	<u>332.00</u>
<u>5 1/2 Turbo centralizers</u>	@	<u>67.00</u>	<u>335.00</u>
<u>Larson Port collar</u>	@	<u>176.00</u>	<u>176.00</u>
TOTAL <u>2912.00</u>			

To Allied Cementing Co., LLC.
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PRINTED NAME X GARY ROWE
 SIGNATURE X Gary Rowe

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

Thank you!

JR

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 SEP 26 2008
 CONSERVATION DIVISION
 WICHITA, KS

