

5/17/09

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

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: Craig Caulk
Phone: (316) 691-9500
Contractor: Name: Pickrell Drilling Co., Inc.
License: 5123
Wellsite Geologist: Jeff Christian

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MAY 17 2007
CONSERVATION DIVISION
WICHITA, KS

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: _____
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. _____

1/18/07	1/29/07	1/29/07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 083-21529-0000
County: Hodgeman
120N 20W W/2 SE Sec. 13 Twp. 21 S. R. 23 East West
1440 feet from N (circle one) Line of Section
2000 feet from W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Hays 13D Well #: 1
Field Name: _____
Producing Formation: _____
Elevation: Ground: 2305' Kelly Bushing: 2310'
Total Depth: 4521' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 282 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 11110-2808
(Data must be collected from the Reserve Pit)
Chloride content 46000 ppm Fluid volume 950 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: [Signature]
Title: Production Manager Date: 5/17/07
Subscribed and sworn to before me this 17th day of May
07
Notary Public: [Signature]
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
 UIC Distribution
KCC
MAY 17 2007

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Operator Name: Ritchie Exploration, Inc. Lease Name: Hays 13D Well #: 1
 Sec. 13 Twp. 21 S. R. 23 East West County: Hodgeman

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum <p style="text-align: center; font-weight: bold;">SEE ATTACHED</p>
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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#	282'	common	190	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
		RECEIVED KANSAS CORPORATION COMMISSION	
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		CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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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)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

KCC

MAY 17 2007

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

26271

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

SERVICE POINT:
Neosho City

DATE <u>1-19-07</u>	SEC. <u>13</u>	TWP. <u>21</u>	RANGE <u>23</u>	CALLED OUT <u>8:15AM</u>	ON LOCATION <u>7:30AM</u>	JOB START <u>8:00am</u>	JOB FINISH <u>9:00AM</u>
LEASE <u>130</u>	WELL# <u>1</u>	LOCATION <u>Neosho City 16 S 1/2 E 14 N</u>		COUNTY <u>Hodgson</u>	STATE <u>KS</u>		

OLD OR NEW (Circle one)

CONTRACTOR Pickrell Drilling #10

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 287

CASING SIZE 8 5/8 DEPTH 287

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15

PERFS. _____

DISPLACEMENT 17 1/2

EQUIPMENT _____

PUMP TRUCK CEMENTER Mike

224 HELPER J. W. Wright

BULK TRUCK _____

260 DRIVER Don

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

New 23#
circ 8 5/8 casing w/ pump
mix cement displacer w/ 17 1/2 BBL
Cement dual Circ

THANKS

CHARGE TO: Ritchie Explor

STREET _____

CITY _____ STATE _____ ZIP _____

OWNER _____

CEMENT AMOUNT ORDERED 190 Com 3 1/2 cc 2 1/2 dual

COMMON	<u>190</u>	@	<u>10.65</u>	<u>2023.50</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>16.65</u>	<u>66.60</u>
CHLORIDE	<u>6</u>	@	<u>46.60</u>	<u>279.60</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>200</u>	@	<u>1.90</u>	<u>380.00</u>
MILEAGE	<u>22.9</u>	@	<u>200</u>	<u>396.00</u>
TOTAL				<u>3145.70</u>

SERVICE

DEPTH OF JOB	<u>287</u>		
PUMP TRUCK CHARGE			<u>815.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>22</u>	@	<u>6.00</u>
MANIFOLD		@	
<u>head rent</u>		@	<u>100.00</u>
		@	
TOTAL			<u>1047.00</u>

PLUG & FLOAT EQUIPMENT

<u>8 5/8 Topwood</u>	@	<u>60.00</u>
	@	
	@	
	@	
	@	
TOTAL		<u>60.00</u>

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.

SIGNATURE Mike Kern

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Mike Kern

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KANSAS CORPORATION COMMISSION
MAY 17 2007
CONSERVATION DIVISION
WICHITA, KS

KCC
MAY 17 2007
CONFIDENTIAL

ALLIED CEMENTING CO., INC.

26274

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

SERVICE POINT:
Nearcity

DATE <u>1-28-07</u>	SEC. <u>13</u>	TWP. <u>21</u>	RANGE <u>23</u>	CALLED OUT <u>7:00 pm</u>	ON LOCATION <u>10:30pm</u>	JOB START <u>11:30pm</u>	JOB FINISH <u>1:15 AM</u>
LEASE <u>Hays 13D</u>	WELL # <u>1</u>	LOCATION <u>Nearcity 163 5 3/4 E 410</u>			COUNTY <u>Hodgeman</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Pickwell Drilling # 10

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D. 4521

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED _____

230 6 7/8 6 9/16

1/4" Fed Seal Rammer

COMMON	<u>138 cu. ft.</u>	@	<u>10.65</u>	<u>1469.70</u>
POZMIX	<u>98 cu. ft.</u>	@	<u>5.80</u>	<u>568.40</u>
GEL	<u>12 cu. ft.</u>	@	<u>16.65</u>	<u>199.80</u>
CHLORIDE	_____	@	_____	_____
ASC	_____	@	_____	_____
<u>FED SEAL 58"</u>	_____	@	<u>2.00</u>	<u>116.00</u>
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
HANDLING	<u>244 cu. ft.</u>	@	<u>1.90</u>	<u>463.60</u>
MILEAGE	<u>244 mi.</u>	@	<u>.82</u>	<u>199.12</u>
TOTAL				<u>3265.82</u>

EQUIPMENT

PUMP TRUCK # 224 CEMENTER J. Weyhous HELPER _____

BULK TRUCK # 357 DRIVER David

BULK TRUCK # _____ DRIVER Dan

REMARKS:

<u>50 x e</u>	<u>1500'</u>
<u>80</u>	<u>650</u>
<u>50</u>	<u>300</u>
<u>25</u>	<u>60</u>
<u>15</u>	<u>RH.</u>

SERVICE

DEPTH OF JOB 1500

PUMP TRUCK CHARGE 815.00

EXTRA FOOTAGE @ _____

MILEAGE 22 @ 6.00 132.00

MANIFOLD @ _____

_____ @ _____

TOTAL 947.00

CHARGE TO: Ritchie Explor

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

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SIGNATURE Mike Kern

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

Mike Kern
PRINTED NAME

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