

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

11/04/11

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4767

Name: Ritchie Exploration, Inc.

Address 1: P.O. Box 783188

Address 2: _____

City: Wichita State: KS Zip: 67278 + 3118

Contact Person: John Niernberger

Phone: (316) 691-9500 **CONFIDENTIAL**

CONTRACTOR: License # 30606 **NOV 04 2009**

Name: Murfin Drilling, Co., Inc. **KCC**

Wellsite Geologist: Brad Rine

Purchaser: NCRA

Designate Type of Completion:

- New Well _____ Re-Entry _____ Workover _____
 - Oil _____ SWD _____ SLOW _____
 - _____ Gas _____ ENHR _____ SIGW _____
 - _____ CM (Coal Bed Methane) _____ Temp. Abd. _____
 - _____ 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. _____ Conv. to SWD _____

_____ Plug Back: _____ Plug Back Total Depth _____

_____ Commingled _____ Docket No.: _____

_____ Dual Completion _____ Docket No.: _____

_____ Other (SWD or Enhr.?) _____ Docket No.: _____

7/16/09 7/25/09 7/25/09

Spud Date or _____ Date Reached TD _____ Completion Date or
Recompletion Date _____ Recompletion Date _____

API No. 15 - 063-21790-00-00

Spot Description: 7' S & 62' W of C

NW_NW_SW Sec. 28 Twp. 13 S. R. 31 East West

2482 Feet from North / South Line of Section

103 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Gove

Lease Name: Hess-Shipley Well #: 1

Field Name: _____

Producing Formation: LKC

Elevation: Ground: 2848 Kelly Bushing: 2853

Total Depth: 4618 Plug Back Total Depth: 4579

Amount of Surface Pipe Set and Cemented at: 220 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 2314 Feet

If Alternate II completion, cement circulated from: surface

feet depth to: 2314 w/ 330 sx cmt.

Drilling Fluid Management Plan AT INJ 11-24-09
(Data must be collected from the Reserve Pit)

Chloride content: 13500 ppm Fluid volume: 825 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: 11/4/09

Subscribed and sworn to before me this 4th day of November

20 09
Notary Public: Debra K. Phillips
My Appt. Expires 5-4-11

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
NOV 05 2009

KCC WICHITA

Operator Name: Ritchie Exploration, Inc. Lease Name: Hess-Shipley Well #: 1
 Sec. 28 Twp. 13 S. R. 31 East West County: Gove

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)

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

SEE ATTACHED

List All E. Logs Run:

Dual Induction Log
 Compensated Density/Neutron Log

CONFIDENTIAL

NOV 04 2009

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	220	common	165	3%cc, 2%gel
Production	7-7/8	5-1/2	15.5	4613	ASC	200	10% salt, 2% gel & 3/4% CD-31

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
4	4056' - 4060' (8/13/09)		

RECEIVED
 NOV 05 2009

KCC WICHITA

TUBING RECORD: Size: <u>2-7/8</u> Set At: <u>4569</u> Packer At: <u> </u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>8/20/09</u> Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
Estimated Production Per 24 Hours: Oil Bbls. <u>25.68</u> Gas Mcf <u> </u> Water Bbls. <u>16.7</u> Gas-Oil Ratio <u> </u> Gravity <u>40</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) <u> </u>	PRODUCTION INTERVAL: _____ _____
--	---	--



#1 Hess-Shipley
 2482' FSL & 103' FWL
 7'S & 62'W of C NW NW NW SW Section 28-13S-31W
 Gove County, Kansas
 API# 15-063-21790-0000
 Elevation: 2848' GL: 2853' KB

Sample Tops	Ref Well	CONFIDENTIAL
Anhydrite	2328' +525 flat	NOV 04 2009
B/Anhydrite	2350' +503 +2	KCE
Heebner	3846' -993 -4	
Lansing	3893' -1040 -4	
Lansing "C"	3927' -1074 -5	
Lansing "D"	3942' -1089 -2	
Muncie Shale	4041' -1188 -5	
Lansing "H"	4056' -1203 -6	
Lansing "I"	4087' -1235 -6	
Lansing "J"	4109' -1256 -5	
Stark Shale	4127' -1274 -3	
BKC	4200' -1347 -4	
Altamont	4248' -1395 -4	
Pawnee	4329' -1476 -9	
Myric Station	4364' -1511 -9	
Cherokee Shale	4409' -1556 -9	
Johnson	4450' -1597 -8	
Base Johnson	4472' -1619 -9	
Mississippian	4494' -1641 +3	
RTD	4620' -1767	

RECEIVED
 NOV 05 2009
 KCC WICHITA

ALLIED CEMENTING CO., LLC. 044100

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

SERVICE POINT: Oakley

NW 1/4 SW 1/4

DATE <u>1/16/0</u>	SEC <u>28</u>	TWP <u>13</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>12:15pm</u>	JOB START <u>5:00pm</u>	JOB FINISH <u>5:15pm</u>
LEASE <u>Hess-shIPLEY</u>	WELL # <u>#1</u>	LOCATION <u>Oakley 115355 E^o N11th</u>			COUNTY <u>Gove</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one) NEW 1 mile

CONTRACTOR MURKIN #8

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 220'

CASING SIZE 8 7/8 DEPTH 220'

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 13.0585

OWNER Same

CEMENT AMOUNT ORDERED 165 SKs Com 370 cc

270 gel

COMMON <u>165</u>	@ <u>15</u>	<u>45</u>	<u>2549</u>	<u>25</u>
POZMIX	@			
GEL <u>3</u>	@	<u>20</u>	<u>62</u>	<u>40</u>
CHLORIDE <u>6</u>	@	<u>58</u>	<u>20</u>	<u>349</u>
ASC	@			

EQUIPMENT

PUMP TRUCK CEMENTER Alan

422 HELPER Wayne

BULK TRUCK DRIVER Terry

377

BULK TRUCK DRIVER

CONFIDENTIAL

NOV 14 2009

KCC

HANDLING 174

MILEAGE 109 SK/mile

TOTAL 3726.75

REMARKS:

Cement Did Circulate

SERVICE

DEPTH OF JOB 220'

PUMP TRUCK CHARGE 1018.00

EXTRA FOOTAGE @

MILEAGE 20 @ 70 140.00

MANIFOLD @

TOTAL 1158.00

CHARGE TO: Ritchie Exploration

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL

RECEIVED
NOV 05 2009
KCC WICHITA

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 LARRY PICKNER

SIGNATURE Larry Pickner

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS