

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

ORIGINAL

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

OPERATOR: License # 4767
Name: Ritchie Exploration, Inc.
Address 1: P.O. Box 783188
Address 2: _____
City: Wichita State: KS Zip: 67278 + 3188
Contact Person: John Niemberger
Phone: (316) 691-9500
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Mike Engelbrecht
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

10/13/11	10/24/11	10/24/11
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 057-20755-00-00
Spot Description: 190' S & 140' W
SE - SW - NW - _____ Sec. 20 Twp. 28 S. R. 23 East West
2,500 Feet from North / South Line of Section
850 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ford
Lease Name: Malone-Hansch Well #: 1
Field Name: _____
Producing Formation: _____
Elevation: Ground: 2498 Kelly Bushing: 2510
Total Depth: 5285 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 350 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)

Chloride content: 8300 ppm Fluid volume: 1000 bbls
Dewatering method used: evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

**RECEIVED
FEB 22 2012
KCC WICHITA**

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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: 2/20/12

KCC Office Use ONLY

- Letter of Confidentiality Rec'd Date: 2/20/12 - denied
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NS Date: 2/24/12

Operator Name: Ritchie Exploration, Inc. Lease Name: Malone-Hansch Well #: 1
 Sec. 20 Twp. 28 S. R. 23 East West County: Ford

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 complete copy of all Electric Wire-line 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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Induction Log Compensated Density/Neutron Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum SEE ATTACHED
---	--

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	350	common	225	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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed 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: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
--	--	---

RECEIVED
 FEB 22 2012
 KCC WICHITA



RITCHIE

EXPLORATION, INC.
Wichita, Kansas

#1 Malone-Hanschu

2500' FNL & 850' FWL

190' S & 140' W of SE SW NW

Section 20-28S-23W

Ford County, Kansas

API# 15-057-20755-0000

Elevation: GL: 2498', KB: 2510'

Sample Tops

Anhydrite		
B/Anhydrite		
Stotler	3633'	-1123
Heebner	4290'	-1780
Lansing	4431'	-1921
Muncie Shale	4621'	-2111
Hush. Shale	4793'	-2283'
BKC	4870'	-2360
Altamont	4928'	-2418
Pawnee	4968'	-2458
Cherokee Shale	5014'	-2504
Huck	5107'	-2597
Atoka Shale	5120'	-2610
Morrow Section	5135'	-2625
Mississippian*	5150'	-2640
RTD	5285'	-2775

RECEIVED

FEB 22 2012

KCC WICHITA

MALONE - HANSHU 1

ALLIED CEMENTING CO., LLC. 037748

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

SERVICE POINT: *Mohr's*

DATE <u>10-24-11</u>	SEC. <u>20</u>	TWP. <u>28S</u>	RANGE <u>23W</u>	CALLED OUT	ON LOCATION	JOB START <u>4:00 am</u>	JOB FINISH <u>5:30 am</u>
LEASE <u>Handwritten</u>	WELL # <u>1</u>	LOCATION <u>Krasdorn #1, 2 N, 5 W, 3 N,</u>			COUNTY <u>Ford</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>4W, 5 into</u>			

CONTRACTOR *Outlets #1* OWNER *Ritchie Exploration*
 TYPE OF JOB *Rotary Aug*
 HOLE SIZE *7 7/8* T.D.
 CASING SIZE DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE *4 1/2* DEPTH *1560'*
 TOOL DEPTH
 PRES. MAX *200 psi* MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT
 EQUIPMENT
 PUMP TRUCK CEMENTER *Clark Thirnsch*
 # *444/302* HELPER *Ron Gilley*
 BULK TRUCK
 # *421/252* DRIVER *Adam Miller*
 BULK TRUCK
 # DRIVER

CEMENT
 AMOUNT ORDERED *220 sz 60:40:41 gel*
+ 14# floreal
 COMMON *132 socks A* @ *16.25* *2145.00*
 POZMIX *88 socks* @ *8.50* *748.00*
 GEL *8 socks* @ *21.25* *170.00*
 CHLORIDE @
 ASC @
 Floreal - 55 lbs @ *2.70* *148.50*
 @
 @
 @
 @
 @
 HANDLING *228* @ *2.25* *513.00*
 MILEAGE *228 x .11 x 50* *1254.00*
 TOTAL *4978.50*

REMARKS:

1st plug pipe at 1560' pump 15 bbls H2O mix 50sx
dis 5 bbls H2O + 10 bbls mud
2nd plug pipe at 540' pump 10 bbls H2O mix 50sx
dis 3 bbls H2O
3rd plug pipe at 360' pump 8 bbls H2O mix 50sx dis 1/2 bbls
4th plug pipe at 60' mix 20 sx cement.
plug below with 30 sx
plug misc hole with 20 sx

SERVICE

DEPTH OF JOB *1560'*
 PUMP TRUCK CHARGE *1250-*
 EXTRA FOOTAGE @
 MILEAGE *100* @ *7.00* *700-*
 MANIFOLD @
 light vehicle *100* @ *4.00* *400-*
 @
 TOTAL *\$2350-*

CHARGE TO: *Ritchie 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 *Miko Coffey*
 SIGNATURE *Miko Coffey*

SALES TAX (If Any) _____
 TOTAL CHARGES *\$7328.50*
 DISCOUNT *208* IF PAID IN 30 DAYS
\$5862.80

RECEIVED
 FEB 22 2012
 KCC WICHITA