

ORIGINAL

CONFIDENTIAL

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

Form ACO-1
September 1999
Form Must Be Typed

1/08/11

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address: P.O. Box 783188
City/State/Zip: Wichita, KS 67278-3188
Purchaser: NCRA
Operator Contact Person: John Niemberger
Phone: (316) 691-9500
Contractor: Name: Duke Drilling Co., Inc.
License: 5929

API No. 15 - 057-20536-0001
County: Ford
approx. C NE NE Sec. 32 Twp. 28 S. R. 23 East West
660 feet from S N (circle one) Line of Section
660 feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Arch OWWO Well #: 1

Wellsite Geologist: Gary Rowe/Bennie Dills
Designate Type of Completion:
New Well Re-Entry Workover
Oil SWD SIOW Temp. Abd.
Gas ENHR SIGW
Dry Other (Core, WSW, Expl., Cathodic, etc)

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 09 2009
CONSERVATION DIVISION
WICHITA, KS

If Workover/Re-entry: Old Well Info as follows:
Operator: Hugoton Energy Corp.

Well Name: Patton #1-32
Original Comp. Date: 10/31/1995 Original Total Depth: 5410'
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.

10/30/08 10/31/08 11/1/08
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

Producing Formation: Pawnee
Elevation: Ground: 2466 Kelly Bushing: 2478
Total Depth: 5163 Plug Back Total Depth: 5085
Amount of Surface Pipe Set and Cemented at 661 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1428 Feet
If Alternate II completion, cement circulated from 1428
feet depth to surface w/ 575 sx cmt.

Drilling Fluid Management Plan ALL I NO 7 1/2 1/2 09
(Data must be collected from the Reserve Pit)
Chloride content 72000 ppm Fluid volume 1200 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: 1/8/09
Subscribed and sworn to before me this 09 day of January, 2009.
Notary Public: [Signature]
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

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

Operator Name: Ritchie Exploration, Inc. Lease Name: Arch OWWO Well #: 1
 Sec. 32 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 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

List All E. Logs Run:

Gamma Ray Correlation Log

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		8-5/8		661			
Production	7-7/8	4-1/2	10.5	5155	ASC	225	10% salt, 2% gel & 5# per sack flo-ecol

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	RECEIVED KANSAS CORP. (Perforation, Cement, Squeeze Record) (Amount and Kind of Material Used) JAN 09 2009 CONSERVATION DIVISION WICHITA, KS	Depth
4	4972' - 4976' (11/11/08)	750 gals 15#	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8	5062		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
11/26/08			<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	15.03		27.07		37

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify) _____

ALLIED CEMENTING CO., LLC. 34056

Federal

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

SERVICE POINT:

Medicine Lodge KS
11-1-08 11-1-08

10-31-08

DATE	SEC. 32	TWP. 28s	RANGE 23w	CALLED OUT 3:00pm	ON LOCATION 7:30pm	JOB START 4:30Am	JOB FINISH 5:30Am
LEASE <i>Arch Guide</i>	WELL # 1	LOCATION <i>Ford, KS, 1/4 N, 5w, 5s, w&s</i>			COUNTY <i>Ford</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one)		<i>into</i>					

CONTRACTOR *Duke #7*

TYPE OF JOB *Production Casing*

HOLE SIZE *7 7/8* T.D. *5163*

CASING SIZE *4K* DEPTH *5151*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL *Port Collar* DEPTH

PRES. MAX *1400* MINIMUM *—*

MEAS. LINE SHOE JOINT *39*

CEMENT LEFT IN CSG. *39*

PERFS.

DISPLACEMENT *8 1/2 Bbls Fresh H₂O*

EQUIPMENT

PUMP TRUCK CEMENTER *D. Felix*

352 HELPER *M. Becker*

BULK TRUCK

364 DRIVER *R. Franklin*

BULK TRUCK

DRIVER

OWNER *Ritchie Explo.*

CEMENT

AMOUNT ORDERED *250sk ASC + 5#Koi-seal + .5% FL-160*

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	<i>250 A</i>	@ <i>18.60</i>	<i>4650.00</i>
<i>Koi seal</i>	<i>1250 #</i>	@ <i>.89</i>	<i>1112.50</i>
<i>FL-160</i>	<i>118 #</i>	@ <i>13.30</i>	<i>1569.40</i>
	@		
	@		
	@		
	@		
	@		
HANDLING	<i>320</i>	@ <i>2.40</i>	<i>768.00</i>
MILEAGE	<i>80 x 320 x .10</i>		<i>2560.00</i>
		TOTAL	<i>10659.90</i>

REMARKS:

Pipe on Bxsm, Break Circ., Pump Pre Flush, Plug Rat & Mouse Hole w/ 25sk Cement, Mix 225sk ASC cement, Stop Pump, Wash Pump & Lines, Release Plug, Start Disp. w/ Fresh H₂O, See increase in PSI, Slow Rate, Bump Plug out 8 1/2 Bbls total Disp., Release PSI, Float Did Hold

SERVICE

DEPTH OF JOB *5151*

PUMP TRUCK CHARGE *2295.00*

EXTRA FOOTAGE @

MILEAGE *80* @ *7.00* *560.00*

MANIFOLD *head rental* @ *113.00* *113.00*

TOTAL *2968.00*

CHARGE TO: *Ritchie Explo.*

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

<i>1-Guide Shoe</i>	@ <i>169.00</i>	<i>169.00</i>
<i>1-AFU insert</i>	@ <i>254.00</i>	<i>254.00</i>
<i>1-Rubber Plug</i>	@ <i>62.00</i>	<i>62.00</i>
<i>5-turbolizers</i>	@ <i>68.00</i>	<i>340.00</i>
<i>3-Baskets</i>	@ <i>169.00</i>	<i>507.00</i>
<i>1-Larson Port Collar</i>	<i>1800.00</i>	<i>1800.00</i>
TOTAL		<i>3132.00</i>

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

SIGNATURE *Bennie Dille*

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

ANY APPLICABLE TAX WILL BE CHARGED UPON INVOICING

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