Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1 October 2008 OR GNAL

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #_4767	API No. 15 - 171-20570 - 00-02
Name: Ritchie Exploration, Inc.	Spot Description:
Address 1: P.O. Box 783188	
Address 2:	
City: Wichita State: KS Zip: 67278 + 3188	
Contact Person: John Niernberger	Footages Calculated from Nearest Outside Section Corner:
Phone: (316_) 691-9500	☑NE □NW □SE □SW
CONTRACTOR: License #	County: Scott
Name:	Lease Name: Grusing Trust 1A Well #: 1
Wellsite Geologist:	Field Name: Scola
Purchaser:	Producing Formation: LKC & Johnson
Designate Type of Completion:	Elevation: Ground: 2894' Kelly Bushing: 2899'
New Well Re-Entry WorkoRFCEIVED	Total Depth: 4615 Plug Back Total Depth: 4547
V Oil SIMD SIOM	Amount of Surface Pine Set and Comented at: 237
Gas ENHR SIGW AUG 1 0 200	Multiple Stage Cementing Collar Used?
CM (Coal Bed Methane) Temp. Abd.	TAIf yes, show depth set: 2320 Feet
Dry Other (Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from: surface
If Workover/Re-entry: Old Well Info as follows:	feet depth to: 2320' w/ 165 sx cmt. (a) to 0.
Operator: Ritchie Exploration, Inc.	P142-03-1016109
Well Name: Grusing Trust 1A #1	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: 07/14/2002 Original Total Depth: 4615'	Chloride content: ppm Fluid volume: bbls
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used:
Plug Back: Plug Back Total Depth	
Commingled Docket No.:	Location of fluid disposal if hauled offsite:
Dual Completion	Operator Name:
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:
05/02/2006 05/04/2006	Quarter Sec TwpS. R
Spud Date or Pate Reached TD Completion Date or Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workover or confidential for a period of 12 months if recompletion.	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information quested in writing and submitted with the form (see rule 82-3-107 for confidensell report shall be attached with this form. ALL CEMENTING TICKETS MUST rm with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulate t are complete and correct to the best of my knowledge.	he oil and gas industry have been fully complied with and the statements herein
Signature:	KCC Office Use ONLY
Title: Production Manager Date: 08/07/2009	Letter of Confidentiality Received
Subscribed and sworn to before me this 7th day of August	
20 09.	Wireline Log Received
	Geologist Report Received
(12/2012	RONDA MESSER
Date Commission Expires: 5/1/20/2	NOTARY PUBLIC STATE OF KANSAS
	My Appt. Exp. 5/7/12

Side Two

Operator Name: Rit	chie Exploration,	Inc.			Brusing Trus	st 1A	Well #: _1		
Sec1 Twp1	7 S. R. 31	☐ East ✓ West	County	_{y:} Scot	t				
time tool open and cle recovery, and flow rat	osed, flowing and shut	I base of formations per in pressures, whether s it, along with final charte port.	shut-in pres	sure read	ched static level,	hydrostatic	pressures, bottom	hole tempe	rature, fluid
Drill Stem Tests Take		Yes No			og Formatio	n (Top), Dep	th and Datum	☐ Sa	ample
Samples Sent to Geo	ological Survey	☐ Yes ☐ No		Nam	е		Тор	D	atum
Cores Taken Electric Log Run (Submit Copy)		Yes No							
List All E. Logs Run:									
	- million turn to be to consider	CASING Report all strings set-	RECORD conductor, s	Ne		ion, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Wei Lbs.	ight	Setting Depth	Type of Cemen			nd Percent ditives
							DECENT	*D	
Purpose:	Depth			CEMENTING / SQUEEZE RECORD RECEIVED					
Perforate Top Bottom		Type of Cement	#Sacks		Type and Percent Additives 2009				
Protect Casing Plug Back TD Plug Off Zone							KCC WICI	HITA	
Shots Per Foot		N RECORD - Bridge Pluç potage of Each Interval Per					ement Squeeze Reco	rd	Depth
4	4521.5'-4524' & 4	4530.5'-4535.5' (Jo	ohnson) ((11/02)	1500 gal	s 15% N	E (11/02)		
4	3973'-3978'; 4026'-40)32'; 4041'-4043'; 4186'-	4190' (LKC	(08/05)	2250 gals	15% NE +	55 perf balls	(08/05)	
	*****removed pa	acker @ 4495' (05	5/02/200	6)****					
TUBING RECORD:	Size: 3/8"	Set At: 4547'	Packer A	At:	Liner Run:	Yes	No		
	Production, SWD or Enhi		hod:	Flowing				ner (Explain)	
Estimated Production Per 24 Hours	Oil B 30.3	bls. Gas	Mcf	Wate	er в 173.34	bis.	Gas-Oil Ratio		Gravity
DISPOSITI	ON OF GAS:		METHOD OF	F COMPLE	TION:		PRODUCTI	ON INTERV	AL:
Vented Solo	_		Perf.			mmingled			



August 7, 2009

Kansas Corporation Commission Conservation Division 130 S. Market, Room 2078 Wichita, KS 67202

RE: Grusing Trust 1A #1 Sec. 1-17S-31W Scott County, Kansas

To Whom It May Concern:

Meser gots Dist-1's on d an Appoint Enclosed please find an ACO-1, Well Completion Form and an Appointment for Test form for the above referenced well.

RECEIVED

AUG 1 0 2009

KCC WICHITA

If you have any questions, please feel free to call the undersigned or John Niernberger at 316-691-9500. Thank you for all of your help in this matter.

Sincerely,

Ronda Messer

Production Assistant

Konda Messel

Enclosures

APPOINTMENT FOR PHYSICAL TEST

NAME	John Niernberger	DATE August 6, 2009				
TELEPHONE NO.	316/691-9500					
OPERATOR	Ritchie Exploration, Inc.					
FIELD Scola			,			
PRODUCING FORM	MATION LKC & Johnson	LEASE Grusing To	rust 1A_WELL NO	1		
WELL LOCATION		COUNTY	Scott			
1300 FT. FROM	N LINE	PURCHASER	NCRA			
330 FT. FROM	E LINE	TOP PROD. FORM	ATION 3973	1		
SEC 25 TWP	19S RGE 28W	TOTAL DEPTH	4615'			
		PBTD	4547'			
PROD. PERFS	3973' - 3978'; 4026' - 4032	PROD. PERFS	4041' - 4043; 4186' - 4	190		
		PROD. PERFS	1521.5'-4524' & 4530.5'- ₄	4535.5'		
SIZE OF CASING	5-1/2"	SET AT	4607'			
SIZE OF TUBING	2 3/8"	SET AT	3923'			
SIZE OF PUMP	2" x 1 1/2" x 12'	TYPE	RWT - double valve	RECEIVED		
GRAVITY		PERCENT OF WAT	ER	-Alle-1 o		
ACID DATE	Aug-05	AMOUNT	1750 gallons			
TEST DATE			i.	(CC Win		
		HOW PRODUCED		NOC WICHITA		
OIL PRODUCED				WCHITA		
OIL PRODUCED PREFERRED TEST	ING DATE 2 Aug-09	LENGTH OF TEST				
OIL PRODUCED PREFERRED TEST		LENGTH OF TEST				
OIL PRODUCED PREFERRED TEST PUMPER'S NAME	ING DATE 2 Aug-09	LENGTH OF TEST TIME TELEPHONE NO.	785-731-501			
OIL PRODUCED PREFERRED TEST PUMPER'S NAME TANK SIZE AND NO	ING DATE 2 Aug-09 Myron Popp	LENGTH OF TEST TIME TELEPHONE NO. STROKE	785-731-501 ² PER MINUTE			
OIL PRODUCED PREFERRED TEST PUMPER'S NAME TANK SIZE AND NO	Myron Popp D. LENGTH OF S LL Our field supervisor, Gary Row	LENGTH OF TEST TIME TELEPHONE NO. STROKE	785-731-501 ² PER MINUTE	1		
OIL PRODUCED PREFERRED TEST PUMPER'S NAME TANK SIZE AND NO BEST WAY TO WE	Myron Popp D. LENGTH OF S LL Our field supervisor, Gary Row	LENGTH OF TEST TIME TELEPHONE NO. STROKE	785-731-501 ² PER MINUTE	1		
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OIL PRODUCED PREFERRED TEST PUMPER'S NAME TANK SIZE AND NO BEST WAY TO WE	Myron Popp D. LENGTH OF S LL Our field supervisor, Gary Row	LENGTH OF TEST TIME TELEPHONE NO. STROKE /e, will be contacting y	785-731-501 ² PER MINUTE our for scheduling and	1		