KANSAS CORPORATION COMMISSION Oil & Gas Conservation Division





KANSAS CORPORA OIL & GAS CONSE	
WELL COMPL WELL HISTORY - DESCRI	ETION FORM PTION OF WELL & LEASE
4767	API No. 15 - 057-20636-00-00
OPERATOR: License # 4767	
Name: Ritchie Exploration, Inc.	Spot Description: 106' N & 33' E of
Address 1: P.O. Box 783188	C_E/2_NESec. 3 Twp. 27 S. R. 23 East West
Address 2:	1214 Feet from 🕡 North / 🗆 South Line of Section
City: Wichita State: KS Zip: 67278 + 3118	627 Feet from 📝 East / 🗌 West Line of Section
Contact Person: Craig Caulk	Footages Calculated from Nearest Outside Section Corner:
Phone: (316) 691-9500	☑NE □NW □SE □SW
CONTRACTOR: License # 5929	County: Ford
Name: Duke Drilling Co., Inc. SEP 1 4 2009	Lease Name: Gum-Northcutt Well #: 1
Wellsite Geologist: Jeff Christian CONFIDENT	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: 2468 Kelly Bushing: 2480
New Weil Re-Entry Workover	Total Depth: 5110 Plug Back Total Depth:
Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at: 443 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth set: Feet
✓ Dry Other (Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from:
If Workover/Re-entry: Old Well Info as follows:	feet depth to: sx cmt.
Operator:	Drilling Fluid Management Plan PANJ 9-30-05
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date; Original Total Depth:	Chloride content: 13200 ppm Fluid volume: 925 bbls
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used: evaporation
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.:
6/21/09 6/21/09 6/21/09	Quarter Sec TwpS. R [] East [] West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
	onversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information puested in writing and submitted with the form (see rule 82-3-107 for confidentill report shall be attached with this form. ALL CEMENTING TICKETS MUST
All requirements of the statutes, rules and regulations promulgated to require are complete and correct to the best of my knowledge.	be oil and gas industry have been fully complied with and the statements herein
Signature: North and	KCC Office Use ONLY
Title: Geologist Date: 9/14/09	Letter of Confidentiality Received
Subscribed and sworn to before me this 14 day of	If Denied, Yes Date:
20 09	Wireline Log Received
W. W. Win	Geologist Report Received
Notary Public: Asebra 7 Phill	
Date Commission Expires: 5-4-11	UIC Distribution RECEIVED
	CED 4 C acon

DEBRA K. PHILLIPS

Notary Public - State of Kansas

My Appt Expires 5-4-II

SEP 1 6 2009

KCC WICHITA

Side Two

Operator Name: Ritchie Exploration, I	nc.	Lease Na	ame: GL	im-Northcut	<u> </u>	Well #: _1	
Sec. 3 Twp. 27 S. R. 23	☐ East	County: _	Ford				*****
INSTRUCTIONS: Show important tops at time tool open and closed, flowing and shorecovery, and flow rates if gas to surface to surveyed. Attach final geological well site	ut-in pressures, whether sest, along with final chart	shut-in pressu	ire reach	ed static level,	hydrostatic pres	ssures, bottom l	nole temperature, fl
Drill Stem Tests Taken (Attach Additional Sheets)	☐ Yes ✓ No		Log	Formatio	n (Top), Depth a	and Datum	✓ Sample
Samples Sent to Geological Survey	☐ Yes ☑ No		Name			Тор	Datum
Cores Taken Electric Log Run (Submit Copy)	☐ Yes ☑ No ☑ Yes ☐ No	, , , , , , , , , , , , , , , , , , ,		SEE	ATTACHED	C E	KCC P 1 4 2009
List All E. Logs Run: Dual Induction Log Compensated Density/Neutron Lo	9					CO	R I 4 2009 NFIDENTIA
	CASING	S RECORD	✓ New	Used			
Purpose of String Size Hole Drilled	Report all strings set- Size Casing Set (In O.D.)	-conductor, surf Weigh Lbs. / F	ıt	nediate, product Setting Depth	Type of Cement	# Sacks Used	Type and Percer Additives
Surface 12-1/4	8-5/8	23#		443'	60/40 Poz	325	3%cc, 2%gel
Purpose: Depth Top Bottom	ADDITIONA Type of Cement	L CEMENTING #Sacks U		EZE RECORD		Percent Additive	5
Protect Casing Plug Back TD Plug Off Zone							
	ION RECORD - Bridge Plu Footage of Each Interval Pe				cture, Shot, Ceme mount and Kind of I		Depth
							KcCEIVEI
						•	SEP 1 6 20
TUBING RECORD: Size:	Set At:	Packer At:		Liner Run:	Yes N		CC WICH
Date of First, Resumed Production, SWD or E	nhr. Producing Me	thod:	Flowing	Pumpi	ng Gas	Lift Ot	ner (Explain)
Estimated Production Oil Per 24 Hours	Bbls. Gas	Mcf	Water	В	ibls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS:		METHOD OF C	COMPLET Dually C		mmingled _	PRODUCT	ON INTERVAL:



#1 Gum-Northcutt

1214' FNL & 627' FEL 106' N & 33' E of E/2 NE Section 3-27S-23W Ford County, Kansas API# 15-057-20636-0000

Elevation: 2469' GL: 2481' KB

KCC SEP 1 4 2009 CONFIDENTIAL

			Ref.
Sample Tops			Well
Chase Herrington	N/A		
Stotler	3525'	-1044	+21
Heebner	4170'	-1689	+29
Lansing	4292'	-1811	+34
Stark Shale	4614'	-2133	+38
Pawnee	4816'	-2335	+54
Cherokee Shale	4855'	-2374	+55
Atoka Shale	4960'	-2479	+53
Mississippian	4978'	-2497	+52
RTD	5110'	-2629	

RECEIVED
SEP 1 6 2009
KCC WICHITA

ALLIED CEMENTING CO., LLC. 34340

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SERVICE POINT:	
DATE 6-20-05 SEC. 3 TWP. RANGE 230 C	ALLED OUT ON LOCATION JOB START JOB FINISH	
DATE 6-20-05 SEC. 3 275 RANGE 230	2'00 pm 6'00 pm 8'00 pm 7'00 pm	
Con normale Well# LOCATION FOR	ks. Lescon Harton Ford Ks	
	1/2 N , 1 W , 1/45 , W/100	
CONTRACTOR DOVE #1	OWNER Pitchie Exploration	
TYPE OF JOB Suffece	, , , , , , , , , , , , , , , , ,	
HOLE SIZE 1214 T.D. 443	CEMENT	
CASING SIZE 8 % DEPTH 443	AMOUNT ORDERED 325 sy Class A + 3%	
TUBING SIZE DEPTH	CC + 20/0 g+1	
DRILL PIPE DEPTH		
TOOL DEPTH	1	
PRES. MAX MINIMUM	COMMON A 325 @ 15.45 5021.25	
MEAS. LINE SHOE JOINT	POZMIX@	
CEMENT LEFT IN CSG. 20'	GEL 6 5× @ 20.80 /24 80 KCC	9
PERFS.	CHLORIDE // 5x @58.20 640 =	-
DISPLACEMENT 27 bb/s of Froshwater	ASC @ SEP 1 4 201	89
EQUIPMENT	@	
	@ CONFIDEN	ITIAL
DINAPERAL CENTER DOA - E	@	
PUMPTRUCK CEMENTER DOCIN F	@	
# 352 HELPER D903 F.		
BULK TRUCK		
#381/250 DRIVER SCO++ P.	@@	
BULK TRUCK		
# DRIVER	HANDLING 325 @ 240 780 ==	
	MILEAGE 325/35/. 10 1/37. 50	
REMARKS:	TOTAL 7703.75	
P. P. on bottom & breek circulation		
	SERVICE	
My 325, of Cemena, Shuidown	SERVICE	
Dever Olug, Sterr Disperiment	DEPTH OF JOB 447	
Pump 27 bbb & Shur in Coment	PUMP TRUCK CHARGE 1018	
die Circulate	EXTRA FOOTAGE @	
	MILEAGE 35 @ 7.00 245. 30	
	MANIFOLD@	
	@	
CHARGE TO: PLACING Explorenton		
	TOTAL 1263	
STREET	TOTAL ZOLES	
CITYSTATEZIP	PLUG & FLOAT EQUIPMENT	
	8 5/6	
	8 70	
	1- Pubber Plug @ 1/3.	
	@	
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	AD	
done to satisfaction and supervision of owner agent or	TOTAL	
contractor. I have read and understand the "GENERAL	•	
	SALES TAX (If Any)	
TERMS AND CONDITIONS" listed on the reverse side.		

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ALLIED CEMENTING CO., LLC. 34342

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SERV	ICE POINT: <u>Mマと、と、ル</u>	o Lesse he	
DATE 6-28-05 SEC. TWP. RANGE 230	CALLED OUT ONLOCATION		FINISH	
DATE 6-28-05 3 273 230	5:00 pm 6:00 pm		<u>:00 </u>	
Gun-Normanuell# 1 LOCATION FOR	KS Hu, 400 rd RX		. Z	
	J. Y45, 41/1910			
CONTRACTOR DUK, #1	OWNER PITCHLY EX			
TYPE OF JOB ROLL Plus	OWNER FIFCHI = X	PIOTSILOR	<u> </u>	
HOLE SIZE 7% T.D. 1410	CEMENT			
CASING SIZE 81/2 DEPTH 4/00	AMOUNT ORDERED 250	2. 60:40:	L	
TUBING SIZE DEPTH	AMOUNT ORDERED _Z _S	37 W = 7 C 7		
DRILL PIPE DEPTH		•		
TOOL DEPTH		•	-	
PRES. MAX MINIMUM	COMMON_/SO SX	@ 15.45 à	2317.50	
MEAS. LINE SHOE JOINT	POZMIX 100 5X	@ 8.00	800. 60	
CEMENT LEFT IN CSG.	GEL 9 SK	@20.80	87.20	
PERFS.	CHLORIDE	@		
DISPLACEMENT 10 bhis of nuz, 3 bhis waper	ASC			Mar
EQUIPMENT		-		KCC
EQUIPMENT				SEP 1 4 2009
				2F1 1 4 S008
PUMPTRUCK CEMENTER Derin 6		[@ <u></u>		CONFIDENTIA
#414/302 HELPER Gres 6		_@	<u>.</u>	ACINI INCINITA
BULK TRUCK #421/25/ DRIVER DGV. > F		_@		
#42/25/ DRIVER DQU. > F		_@		
# DRIVER				
# DRIVER	HANDLING 250	@ <u>2.40</u>	<u>00.00</u>	
	MILEAGE <u>250 / 35/ 10</u>		975.00	
REMARKS:	, ,	TOTAL 4	779.70	
15+ Plus - 1410', Pump & bis warr she	6 1			
Mrs 50s, of cement, DISTORCE 10 his Ofm	SERVI	CE		
3 hois of werer, 2h, plus - 900' - Pomp & bar				
of water sheet, my star electricity Pis ples			000	
Shhis of waper 312 pine - 460', Pumis & hol's	PUMP TRUCK CHARGE		<u> </u>	
Gheus, miy Sussel Common, P. Spiace V'abhis		-@ _	245.00	
Restate mix 305. of comer morsener mix	MILEAGE <u>3</u> S	_@ <i>700_2</i>	43.00	
20s, of cerent	MANIFOLD	_@		
D		_@		
CHARGE TO: PACTIC Expertion		mom., /	262.00	
STREET		TOTAL Z	206-	
CITYSTATEZIP				
	PLUG & FLOAT	r EQUIPMENT		
		_@		
	hah	_@		
To Allied Cementing Co., LLC.	-11 - 11 7	_@		
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		TOTAL		
contractor. I have read and understand the "GENERAL	CALECTAV (IF A)			
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)			KEULIVI-D

SEP 1 8 2009

KCC WICHITA

IF PAID IN 30 DAYS