For KCC Use: Effective Date: 5-28-08 District # 1

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form C-1
October 2007
Form must be Typed
Form must be Signed
All blanks must be Filled

NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well

Expected Soud Date: June 1, 2008	Spot Description: 5'S & 56'E of
Expected Spud Date: June 1, 2006 month day year	C NE NE NW Sec. 18 Twp. 27 S. R. 23 EXW
4767	
OPERATOR: License#	feet from N / S Line of Section 2,366 feet from E / N W Line of Section
Name: Takine Exploration, mo.	Is SECTION: Regular Irregular?
Address 1: PO 783188	
Address 2:	(Note: Locate well on the Section Plat on reverse side)
Contact Person: Justin Clegg	County: Ford Lease Name: Gene Carson Well #: 1
Phone: 316-691-9500	Lease Name: Gene Carson Well #: 1 Field Name: Wildcat
CONTRACTOR: License# KLN 5929 ~	
Name: Duke Drilling Co., Inc.	Is this a Prorated / Spaced Field? Target Formation(s): Mississippian
	Nearest Lease or unit boundary line (in footage): 335'
Well Drilled For: Well Class: Type Equipment:	Ground Surface Elevation: 2419.8 feet MSL
∐Oil ノ ☐ Enh Rec ☐ Infield ☐ Mud Rotary ✓	Water well within one-quarter mile:
Gas Storage Pool Ext. Air Rotary	Public water supply well within one mile:
Disposal Wildcat Cable	Depth to bottom of fresh water: 180'
Seismic ; # of Holes Other Other;	Depth to bottom of usable water: 780
Oliter.	Surface Pine by Alternate:
If OWWO: old well information as follows:	Length of Surface Pipe Planned to be set: 400'
Operator:	Length of Conductor Pipe (if any):
Well Name:	Projected Total Depth:5100' /
Original Completion Date: Original Total Depth:	Formation at Total Depth: Mississippian
<u></u>	Water Source for Drilling Operations:
Directional, Deviated or Horlzontal wellbore?	Well Farm Pond Other: X
If Yes, true vertical depth:	DWR Permit #:
Bottom Hole Location:	(Note: Apply for Permit with DWR
TOO DICE W.	Will Cores be taken?
	If Yes, proposed zone:
AEE	IDAVIT RECEIVED
The undersigned hereby affirms that the drilling, completion and eventual plug	gaing of this well will comply with K.S.A. 55KANSAS CORPORATION COMMISSION
It is agreed that the following minimum requirements will be met:	0.0000
Notify the appropriate district office <i>prior</i> to spudding of well;	MAY 2 2 2008
man and the state of the state	drilling rig;
 A copy of the approved notice of intent to drill <i>shall be</i> posted on each The minimum amount of surface pipe as specified below <i>shall be set</i> be through all unconsolidated materials plus a minimum of 20 feet into the 	y circulating cement to the top; in all cases surface pipe start person
 If the well is dry hole, an agreement between the operator and the district. The appropriate district office will be notified before well is either plugge 	lot office on plug length and placement is necessary prior to plugging;
If an ALTERNATE II COMPLETION, production pipe shall be cemented	from below any usable water to surface within 120 DAYS of spud date.
Or pursuant to Appendix "B" - Eastern Kansas surface casing order #13	33,891-C, which applies to the KCC District 3 area, alternate II cementing
must be completed within 30 days of the spud date or the well shall be	
I hereby certify that the statements made herein are true and correct to the be	ast of jiny knowledge and betjef.
Pote: May 21, 2008 Signature of Operator or Agent:	Title: GIS Specialist
Date: Way 21, 2005 Signature of Operator or Agent:	
	Remember to:
For KCC Use ONLY	- File Drill Pit Application (form CDP-1) with Intent to Drill;
API#15-057-20606-00-00	 File Completion Form ACO-1 within 120 days of spud date; File acreage attribution plat according to field proration orders;
Conductor pipe requiredfeet	Notify appropriate district office 48 hours prior to workover or re-entry;
Minimum surface pipe regulredfeet per ALT I 🔀 II	Submit all region report (CD 4) ofter all gains is completed (within 60 days):
Approved by: <u>S6 5-23-08</u>	Obtain written approval before disposing or injecting saft water.
This authorization expires: 5-29-09	- If this permit has expired (See: authorized expiration date) please
(This authorization void if drilling not started within 12 months of approval date.)	check the box below and return to the address below.
	Well Not Drilled - Permit Expired Date:
Spud date: Agent:	Signature of Operator or Agent:
	>

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

Plat of acreage attributable to a well in a prorated or spaced field

If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells and within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

API No. 15 - 057 - 20606-00-00		
Operator: Ritchie Exploration, Inc.	Location of Well: Coun	ty: Ford
Lease: Gene Carson	335	feet from N / S Line of Section
Well Number: 1	2,366	feet from E / X W Line of Section
Field: Wildcat	Sec. 18 Twp. 2	27 S. R. 23 EX W
Number of Acres attributable to well: QTR/QTR/QTR/QTR of acreage: C NE - NE _ NW _	Is Section: Regu	lar or Irregular
	If Section is irregular, Section corner used:	locate well from nearest corner boundary. NE NW SE SW

PLAT

(Show location of the well and shade attributable acreage for prorated or spaced wells.)

(Show footage to the nearest lease or unit boundary line.)

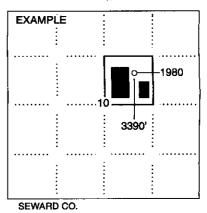
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RECEIVED KANSAS CORPORATION COMMISSION

MAY 2 2 2008

CONSERVATION DIVISION WICHITA, KS



NOTE: In all cases locate the spot of the proposed drilling locaton.

in plotting the proposed location of the well, you must show:

- 1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
- 2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
- 3. The distance to the nearest lease or unit boundary line (in footage).
- 4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (C0-7 for oil wells; CG-8 for gas wells).

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CDP-1 April 2004 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: Ritchie Exploration, Inc.		Lic	ense Number: 4767			
Operator Address: PO 783188			Wichtia KS 67278			
Contact Person: Justin Clegg		Pho	one Number: 316-691-9500			
Lease Name & Well No.: Gene Cars	son 1		Pit	Location (QQQQ):		
Type of Pit:	Pit is:		5'8,	s see NE NE NW		
Emergency Pit Burn Pit	Proposed Existing Se		Sec	ec. 18 _{Twp. 27 R. 23 East X West}		
Settling Pit Drilling Pit	If Existing, date constructed:			Feet from North / South Line of Section		
☐ Workover Pit ☐ Haul-Off Pit	Pit capacity:		2	2,366 Feet from East / West Line of Section		
(If WP Supply API No. or Year Drilled)	15,387	(bbis)	Fo	ord County		
Is the pit located in a Sensitive Ground Water	Area? Yes	No	Chic	oride concentration: mg/l		
Is the bottom below ground level?	Artificial Liner?		How	(For Emergency Pits and Settling Pits only) w is the pit lined if a plastic liner is not used?		
Yes No	Yes X	No	Ben	ntonite		
Pit dimensions (all but working pits):	20 Length (fe	net) 120		Width (feet) N/A: Steel Pits		
Depth fr	rom ground level to de	eepest point:	6	(feet) No Pit		
If the pit is lined give a brief description of the liner material, thickness and installation procedure. Describe procedures for periodic maintenance and description of the liner material, thickness and installation procedure. Describe procedures for periodic maintenance and description of the liner material, thickness and installation procedure.						
				MAY 2 2 2008		
				CONSERVATION DIVISION WICHITA, KS		
Distance to nearest water well within one-mile	e of pit	Depth to shallo				
Source of in 2/30 feet Depth of water well /33 feet me		Source of informeasu		well owner electric log (C) KDWR		
Emergency, Settling and Burn Pits ONLY: Drilling, Works			and Haul-Off Pits ONLY:			
Producing Formation:		Type of materi	al utiliz	zed in drilling/workover: Fresh / Chemical Mud		
Number of producing wells on lease: Number of work		- 1	dure: Haul off fluids, Backfill			
Barrels of fluid produced daily:		Abandonment	proce	dure: Haul off fluids, Backfill		
Does the slope from the tank battery allow all flow into the pit? Yes No	spilled fluids to	Drill pits must	be clos	sed within 365 days of spud date.		
I hereby certify that the above state	ements are true and	correct to the bes	t of	y knowledge and belief.		
	(///		
May 21, 2008 Date		J-C	Signatu	Tre of Applicant or Agent		
	<u></u>		-			
	KCC (OFFICE USE O	NLY	Steel Pit RFAC RFAS		
Date Received: 5/22/08 Permit Num	nber:	Perm	nit Date	s: 5 23 c8 Lease Inspection: X Yes No		



Kathleen Sebelius, Governor Thomas E. Wright, Chairman Michael C. Moffet, Commissioner Joseph F. Harkins, Commissioner

May 23, 2008

Mr. Justin Clegg Ritchie Exploration, Inc. PO Box 783188 Wichita, KS 67278-3188

Re: Drilling Pit Application

Gene Carson Lease Well No. 1 NW/4 Sec. 18-27S-23W Ford County, Kansas

Dear Mr. Clegg:

District staff has inspected the location and has determined that an unsealed condition will present a pollution threat to water resources.

District staff has instructed that no earthen pits are to be used at the location. Steel pits are to be used. Please inform the Commission in writing as to which disposal well you will utilize to dispose of the contents in the steel pits and the amount of fluid that will be disposed. If a haul-off pit is necessary please file, form CDP-1, Application for Surface Pit. This location will have to be inspected prior to approval of the haul-off pit application.

If fluids are taken to an authorized disposal well, please call the District Office at (620) 225-8888. Please file form CDP-5, Exploration and Production Waste Transfer, within 30 days of fluid removal. Conservation division forms are available through our office and on the KCC web site: www.kcc.state.ks.us/conservation/forms.

Sincerely,

Kathy Hayhes

Environmental Protection and Remediation Department

Cc: File



Kathleen Sebelius, Governor Thomas E. Wright, Chairman Michael C. Moffet, Commissioner Joseph F. Harkins, Commissioner

HAUL-OFF PIT APPLICATION FILING REQUIREMENTS

82-3-607.		DISPO	SAL OF DIKE AND PIT CONTENTS.
(a)		Each o	perator shall perform one of the following when disposing of dike or pit contents:
	(1)		e the liquid contents to a disposal well or other oil and gas operation approved by the ission or to road maintenance or construction locations approved by the department;
	(2)	alterna	e of reserve pit waste down the annular space of a well completed according to the ate I requirements of K.A.R. 82-3-106, if the waste to be disposed of was generated the drilling and completion of the well; or
	(3)		e of the remaining solid contents in any manner required by the commission. The ements may include any of the following:
		(A)	Burial in place, in accordance with the grading and restoration requirements in K.A.R. 82-3-602 (f);
		(B)	removal and placement of the contents in an on-site disposal area approved by the commission;
		(C)	removal and placement of the contents in an off-site disposal area on acreage owned by the same landowner or to another producing lease or unit operated by the same operator, if prior written permission from the landowner has been obtained; or
		(D)	removal of the contents to a permitted off-site disposal area approved by the department.
(b)		Each vi	iolation of this regulation shall be punishable by the following:
	(1) (2) (3)	a \$2,50	00 penalty for the first violation; 00 penalty for the second violation; and 00 penalty and an operator license review for the third violation.
Comple	te ar	nd retu	rn with Haul-Off Pit Application, Form CDP1(2004)
Haul-off p	oit wil	l be loc	ated in an on-site disposal area: Yes 🔲 No 🔲
Yes L.J N	o 🗌	If yes, v	in an off-site disposal area on acreage owned by the same landowner: written permission from the land owner must be obtained. Attach written pit application.
the same	oper	ator: Ye	in an off-site disposal area on another producing lease or unit operated by es No If yes, written permission from the land owner must be obtained.

is to be located, to the haul-off pit application.