

For KCC	Use:
Effective	Date:
District #	·
SGA?	Yes No

### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1158188

Form C-1

March 2010

Form must be Typed

Form must be Signed

All blanks must be Filled

### NOTICE OF INTENT TO DRILL

Expected Spud Date:	Spot Description:
month day year	
ODERATOR, Licensett	(Q/Q/Q/Q) feet from N / S Line of Section
OPERATOR: License# Name:	feet from E / W Line of Section
Address 1:	Is SECTION: Regular Irregular?
Address 2:	
City: State: Zip: +	(Note: Locate well on the Section Plat on reverse side)
Contact Person:	County:
Phone:	Lease Name: Well #:
CONTRACTOR: License II	Field Name:
CONTRACTOR: License#	Is this a Prorated / Spaced Field?
Name:	Target Formation(s):
Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary line (in footage):
Oil Enh Rec Infield Mud Rotary	Ground Surface Elevation:feet MSI
Gas Storage Pool Ext. Air Rotary	Water well within one-quarter mile:
Disposal Wildcat Cable	Public water supply well within one mile:
Seismic ; # of Holes Other	Depth to bottom of fresh water:
Other:	Depth to bottom of usable water:
	Surface Pipe by Alternate: I II
If OWWO: old well information as follows:	Length of Surface Pipe Planned to be set:
Operator:	Length of Conductor Pipe (if any):
Well Name:	Projected Total Depth:
Original Completion Date: Original Total Depth:	Formation at Total Depth:
	Water Source for Drilling Operations:
Directional, Deviated or Horizontal wellbore? Yes No	Well Farm Pond Other:
If Yes, true vertical depth:	DWR Permit #:
Bottom Hole Location:	( <b>Note:</b> Apply for Permit with DWR)
KCC DKT #:	Will Cores be taken? Yes No
	If Yes, proposed zone:
ΔΕΕ	IDAVIT
	TIDAVIT
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Spud date: \_

If well will not be drilled or permit has expired (See: authorized expiration date) please check the box below and return to the address below.

Well will not be drilled or Permit Expired	Date:	
Signature of Operator or Agent:		



For KCC Use ONLY	
API # 15	

### IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator:				Location of Well: County:			
Lease:					feet from N / S Line of Section		
Well Number	r:				feet from E / W Line of Section		
Field:				Sec	Twp S. R 🔲 E 🔲 W		
Number of A	cres attributable	to well:			7- ·		
				Is Section:	Regular or Irregular		
				If Section is Irre Section corner to	regular, locate well from nearest corner boundary.  used: NE NW SE SW		
I			w footage to the nearest and electrical lines, as re		ry line. Show the predicted locations of s Surface Owner Notice Act (House Bill 2032). d.		
	:	: :	: :	:			
					LEGEND		
		· · · · · · · · · · · · · · · · · · ·					
	:	: :		:	O Well Location		
					Tank Battery Location		
					Pipeline Location		
	:				Electric Line Location		
	:				Lease Road Location		
			'		EXAMPLE		
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					1980' FSL		
					Y		

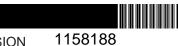
#### 290 ft.

#### 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.

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

- 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).
- 5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.



### Kansas Corporation Commission Oil & Gas Conservation Division

Form CDP-1 May 2010 Form must be Typed

### **APPLICATION FOR SURFACE PIT**

Submit in Duplicate

Operator Name:			License Number:
Operator Address:			
Contact Person:			Phone Number:
Lease Name & Well No.:			Pit Location (QQQQ):
Type of Pit:  Emergency Pit  Burn Pit  Settling Pit  Drilling Pit  Workover Pit  Haul-Off Pit  (If WP Supply API No. or Year Drilled)	Pit is:  Proposed Existing  If Existing, date constructed:  Pit capacity:		SecTwp R East WestFeet from North / South Line of SectionFeet from East / West Line of Section
		(bbls)	County
Is the pit located in a Sensitive Ground Water A	Area? Yes	No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)
Is the bottom below ground level?	Artificial Liner?	No	How is the pit lined if a plastic liner is not used?
Pit dimensions (all but working pits):	Length (fe	et)	Width (feet) N/A: Steel Pits
Depth fro	om ground level to dee	epest point:	(feet) No Pit
If the pit is lined give a brief description of the li material, thickness and installation procedure.			dures for periodic maintenance and determining ncluding any special monitoring.
Distance to nearest water well within one-mile of pit:		Depth to shallo Source of infor	west fresh water feet. mation:
feet Depth of water wellfeet		measured	well owner electric log KDWR
Emergency, Settling and Burn Pits ONLY:		Drilling, Work	over and Haul-Off Pits ONLY:
Producing Formation:		Type of materia	al utilized in drilling/workover:
Number of producing wells on lease:		Number of wor	king pits to be utilized:
Barrels of fluid produced daily:		Abandonment	procedure:
Does the slope from the tank battery allow all s flow into the pit? Yes No	spilled fluids to	Drill pits must b	be closed within 365 days of spud date.
Submitted Electronically			
	KCC	OFFICE USE O	
Date Received: Permit Num	ber:	Permi	Liner Steel Pit RFAC RFAS it Date: Lease Inspection: Yes No



1158188

Form KSONA-1
July 2010
Form Must Be Typed
Form must be Signed
All blanks must be Filled

# CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application).

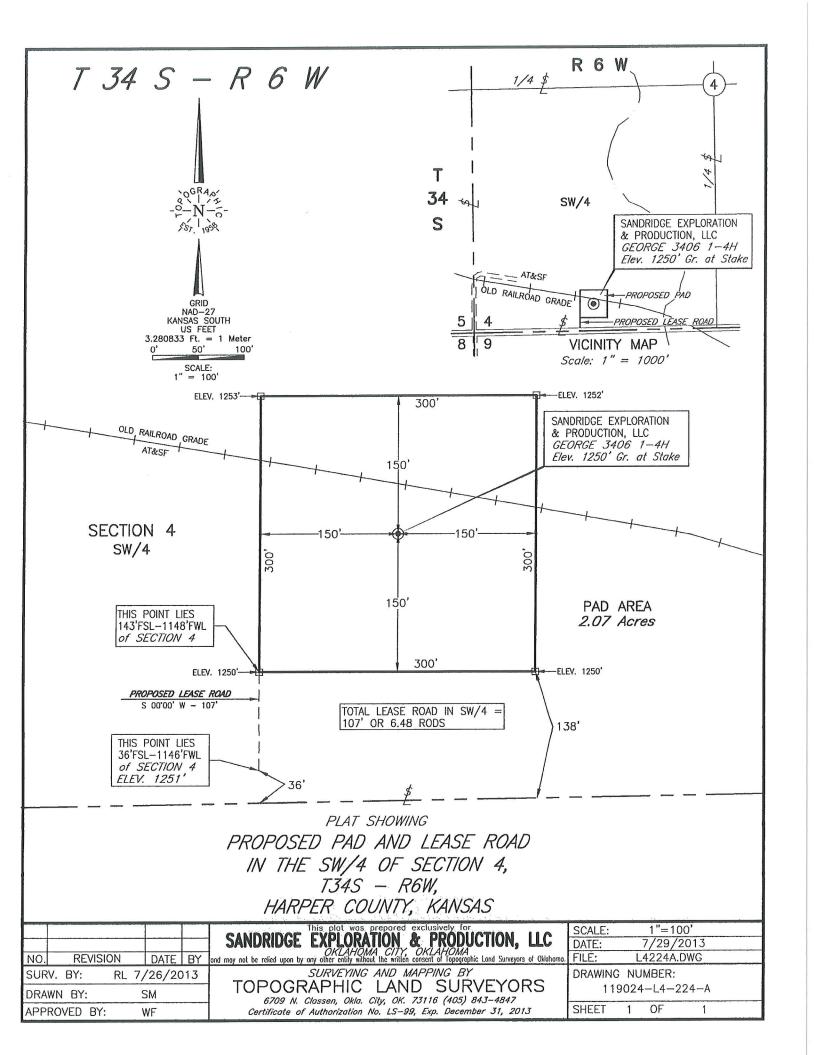
Any such form submitted without an accompanying Form KSONA-1 will be returned.

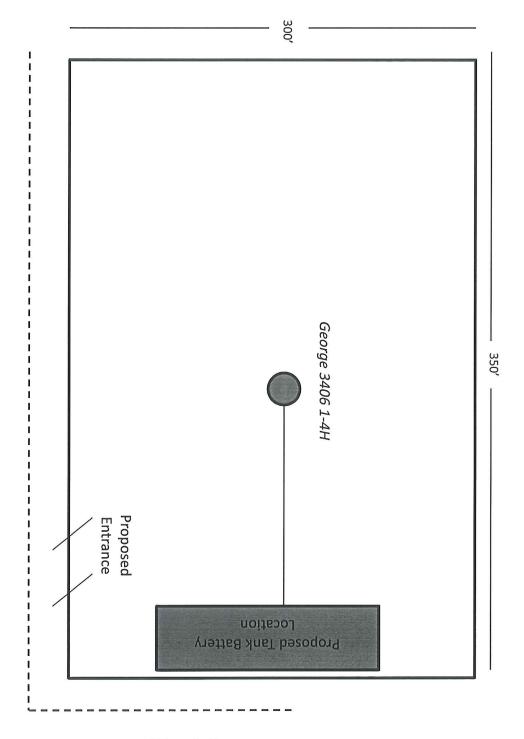
Select the corresponding form being filed: C-1 (Intent) CB-1 (C	Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)
OPERATOR: License #	Well Location:
Name:	SecTwpS. R East West
Address 1:	County:
Address 2:	Lease Name: Well #:
City: State: Zip:+	If filing a Form T-1 for multiple wells on a lease, enter the legal description of
Contact Person:	the lease below:
Phone: ( ) Fax: ( )	
Email Address:	
Surface Owner Information:	
Name:	When filing a Form T-1 involving multiple surface owners, attach an additional
Address 1:	sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the
Address 2:	county, and in the real estate property tax records of the county treasurer.
City: State: Zip:+	
the KCC with a plat showing the predicted locations of lease roads, tank are preliminary non-binding estimates. The locations may be entered or Select one of the following:       \[     \] I certify that, pursuant to the Kansas Surface Owner Notice A	dic Protection Borehole Intent), you must supply the surface owners and a batteries, pipelines, and electrical lines. The locations shown on the plat in the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.  act (House Bill 2032), I have provided the following to the surface pocated: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form
	being filed is a Form C-1 or Form CB-1, the plat(s) required by this
	cknowledge that, because I have not provided this information, the vner(s). To mitigate the additional cost of the KCC performing this fee, payable to the KCC, which is enclosed with this form.
If choosing the second option, submit payment of the \$30.00 handling form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-	fee with this form. If the fee is not received with this form, the KSONA-1 will be returned.
Submitted Electronically	

**TOPOGRAPHIC LAND SURVEYORS** 

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219 Certificate of Authorization No. LS-99, Exp. Dec. 31, 2013 HARPER \_ County, Kansas 290'FSL - 1300'FWL Section \_\_\_\_4 \_\_\_ Township \_\_\_<u>34S</u>\_\_ Range \_\_<u>6W</u>\_P.M. Township Line P T33S-R6W 1345-R6W 330 X= 2150473 Y= 166766 X= 2155768 Y= 166848 330' HARDLINE (990') 1650 BOTTOM HOLE 330'FNL-1650'FWL NAD 27 (US FEET) 37'07'21.6" N 97'58'41.7" W LOT 1 LOT 2 LOT 4 LOT 3 37.122659295° N 97.978258703° W X=2152127 Y=166462 [2291'] HARDLINE S/2-NW/4 S/2-NE/4 330 ROCK QGR40 -8-N-5 557 1958 4 HARDLINE 330, GRID NAD-27 (2350' KS SOUTH US Feet Note: 280833 Ft.=1 Meter Scale: 1"= 1000' 500' 1000' RAILROAD GRAP 330' HARDLINE X= 2155851 Y= 161612 -1300 X= 2150549 Y= 161523 POSSIBLE PIPELINE Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, those shown in [brackets] are based on GLO (General Land Office) distances and have NOI been measured on the ground. BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED, CORNER COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD. Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC **ELEVATION:** Lease Name: <u>GEORGE</u> 3406 Well No.: 1-4H 1250' Gr. at Stake Topography & Vegetation Loc. fell in level plowed field, ±180' North of possible pipeline Reference Stakes or Alternate Location Good Drill Site? \_\_\_\_\_ Stakes Set \_ From South off county road Best Accessibility to Location \_\_ Distance & Direction From Anthony, KS, go ±2.0 mi. East, then ±3.0 mi. South, then ±1.0 mi. East from Hwy Jct or Town to the SW Cor. of Sec. 4-T34S-R6W July 29, 2013 Date of Drawing: \_ Invoice # 204801 Date Staked: July 26, 2013 SM DATUM: <u>NAD-27</u> LAT: <u>37\*06'35.8"N</u> LONG: 97'58'45.5"W **CERTIFICATE:** LAT: \_\_37,109956060° N T. Wayne Fisch a Kansas Licensed Land LONG: 97.979316232° W Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described STATE PLANE COORDINATES: (US Feet) well location was surveyed and staked on the ground ZONE: KS SOUTH as shown herein. X: 2151845

161835





Proposed Electric Line

## George 3406 1-4H

# Harper County, KS

## Unit Description:

W/2 of 4-34S-6W

## Surface Owner:

William D. Bollman

C/O Paul Bollman

840 North Lincoln Street

Anthony, KS 67003

		WELCH 1					
30 EDWARDS1 5000	29	VECCH 1 24 4955 28	CR0///1 C443 D	27 LUDEMAN 2 4530  X  LEE-3305+34H	LUDEMAN 1 4510	BRCHENOUGH 3 BRCHENO 4478 4478 479 JEFFERSON 330:	26 MEIN
STEWARD 1STEWARD 1 4970 4970 STEWARD 2 4944		MADDUX 2	MADDUX.1 -₩-	÷	LYDICK1 4456	PULLIAM 1 4479	
33	3S 6W WILLIAMS CO 1-92						JACK 1-35 4463 -₩
31	32	3	3		34		33
	VALENIE 1-32 4911	Mason 3305 F-35H	ANDERSON 1-33 X			SUZANSE 2-34  \$503	PULLIAM 1-35 5028
			CURT 1-4 4500		WILLIAM 2-3 4508		WOLFF 1-2 \$300
6	5	BILL 4 BOLLMARF1 4000	4 CLMRK 1-4 \$450 \$ 450  BOLLMAN C-1 METZ: C: 2 \$400 \$5	RED 1-3 WALKE X 4947 X 6501	RF-1 WILLIAM 1-3 S # 4570 H 3	CARR DBI-SCARR 1 4692 4978 YL 4978	2
	MURRAY 3406 2-5H ن MURRA	©Bottom Holt BOLLMAN 3-4 2559 3406 1-5H GEORGE 3406 1-4	KATE 3406 1-4	METZ 'C' 1 4800 \$‡		METZ-62-1 4518 X	
		34S 6	w	MAYOA-1 5000 X	MAYO 1 5000		
7	8	9 ROBB 1 4334 A			10	CHRISTIANSEN IM 1 4550	MARTELL 1 5003 X
Legend  SandRidge Welfs  SandRidge SWO Welfs  Competitor Wells  X ABANDONIED LOCAT  J DRY HOLE, TEMPOR	ION	ж. ж. 1909 ж. 1909	1 HALLMAN 1 4331		METZA I 4531 X		
◆ JUNKED AND ABAND     ◆ OIL WELL     X WELL START     □ SandRdge Unt Lines	17	GARLOW3406 2-16H	ROBB 3409 2-16H  ROBB 3409 2-16H	WICOX'S 364 15	3	WICCOX5  WICCOX4  WICCOX4	14



September 11, 2013

William D. Bollman C/O Paul Bollman 840 North Lincoln Street Anthony, KS 67003

Re: KSONA-1 NOTIFICATION

Please find attached a draft copy of Intent to Drill currently pending with the KCC for approval. We plan to drill the George 3406 1-4H well located in Harper County, Kansas, and you are listed as the current surface owner.

This notice is being provided pursuant to the Kansas Surface Owner Notice Act (House Bill 2032). If you have any questions, please contact us.

Sincerely,

Tiffany Golay

Regulatory Technician SandRidge Energy

123 Robert S Kerr Avenue Oklahoma City, OK 73102

T: 405.429.6543

E: tgolay@sandridgeenergy.com

/file

Attach.

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

September 12, 2013

Tiffany Golay SandRidge Exploration and Production LLC 123 ROBERT S. KERR AVE OKLAHOMA CITY, OK 73102-6406

Re: Drilling Pit Application George 3406 1-4H SW/4 Sec.04-34S-06W Harper County, Kansas

Dear Tiffany Golay:

According to the drilling pit application referenced above, no earthen pits will be used at this location. Steel pits will be used. Please inform the Commission in writing as to which disposal well you utilized to dispose of the contents in the steel pits and the amount of fluid that was disposed. Please file form CDP-5, Exploration and Production Waste Transfer, within 30 days of fluid removal.

Should a haul-off pit be necessary please file form CDP-1, Application for Surface Pit, through KOLAR. This location will have to be inspected prior to approval of the haul-off pit application.

A copy of this letter should be posted in the doghouse along with the approved Intent to **Drill**. If you have any questions or concerns please feel free to contact the District Office at (316) 630-4000.

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802

82-3-607.



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

# HAUL-OFF PIT APPLICATION FILING REQUIREMENTS

**DISPOSAL OF DIKE AND PIT CONTENTS.** 

(a)	Each operator shall perform one of the following when disposing of dike or
pit	
(1)	contents: Remove the liquid contents to a disposal well or other oil and gas operation approved by the commission or to road maintenance or construction locations approved by the department;
(2)	dispose of reserve pit waste down the annular space of a well completed according to the alternate I requirements of K.A.R. 82-3-106, if the waste to be disposed of was generated during the drilling and completion of the well;
or	
(3)	dispose of the remaining solid contents in any manner required by the commission. The requirements 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	
lease	acreage owned by the same landowner or to another producing
10000	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	violation of this regulation shall be punishable by the following:
(1	) A \$1,0	000 penalty for the first violation;
(2	a \$2,5	00 penalty for the second violation; and
(3	a \$5,0	000 penalty and an operator license review for the third violation.

File Haul-Off Pit Application in KOLAR. Review the information below and attach all required documents to the pit application when submitting through KOLAR. This form will automatically generate and fill in from questions asked in KOLAR.

Haul-off pit will be located in an on-site disposal area:YesNo	
Haul-off pit is located in an off-site disposal area on acreage owned by the same landowner: YesNo  If yes, written permission from the land owner must be obtained. Attach written permission to haul-off pit application.	
Haul-off pit is located in an off-site disposal area on another <b>producing</b> lease or unit operated by the same operator:YesNo If yes, written permission from the land owner must be obtained. Attach permission and a copy of the lease assignment that covers the acreage whe the haul-off pit is to be located, to the haul-off pit application.	Э