

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

SGA?

Kansas Corporation Commission Oil & Gas Conservation Division

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	Sec Twp S. R
OPERATOR: License#	feet from N / S Line of Sectio
Name:	feet from E / W Line of Section
Address 1:	Is SECTION: Regular Irregular?
Address 2:	(Note: Locate well on the Section Plat on reverse side)
City:	,
Contact Person:	County:
Phone:	
CONTRACTOR: License#	Field Name:
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: Yes No
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:
If OWWO: old well information as follows:	Surface Pipe by Alternate: III
III OVVVO. Old Well IIIIOITTIAtion 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: KCC DKT #:	(Note: Apply for Permit with DWR)
жоо ыкт ж. <u></u>	Will Cores be taken? Yes No
	If Yes, proposed zone:
AFF	IDAVIT
The undersigned hereby affirms that the drilling, completion and eventual plu	gging of this well will comply with K.S.A. 55 et. seq.
It is agreed that the following minimum requirements will be met:	
1 NOTITY THE APPLICATION AND ARTICLE OFFICE PRIOR TO SOLIDGING OF WELL.	
 Notify the appropriate district office <i>prior</i> to spudding of well; A copy of the approved notice of intent to drill <i>shall be</i> posted on each 	drilling rig:
 Notify the appropriate district office <i>prior</i> to spudding of well; 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>! 	5 <i>5</i> ,
 A copy of the approved notice of intent to drill shall be posted on each The minimum amount of surface pipe as specified below shall be set through all unconsolidated materials plus a minimum of 20 feet into the 	by circulating cement to the top; in all cases surface pipe shall be set underlying formation.
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2. A copy of the approved notice of intent to drill shall be posted on each 3. The minimum amount of surface pipe as specified below shall be set through all unconsolidated materials plus a minimum of 20 feet into the 4. If the well is dry hole, an agreement between the operator and the dists 5. The appropriate district office will be notified before well is either plugg 6. If an ALTERNATE II COMPLETION, production pipe shall be cemented Or pursuant to Appendix "B" - Eastern Kansas surface casing order #1 must be completed within 30 days of the spud date or the well shall be ubmitted Electronically For KCC Use ONLY API # 15	py circulating cement to the top; in all cases surface pipe shall be set anderlying formation. Prict office on plug length and placement is necessary prior to plugging; and or production casing is cemented in; after the form below any usable water to surface within 120 DAYS of spud date. 133,891-C, which applies to the KCC District 3 area, alternate II cementing plugged. In all cases, NOTIFY district office prior to any cementing. 1 File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill; 1 File Drill Pit Application (form CDP-1) with Intent to Drill; 2 File Completion Form ACO-1 within 120 days of spud date;
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Spud 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:		

Side Two



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:
_ease:	feet from N / S Line of Section
Nell Number:	feet from E / W Line of Section
Field:	Sec Twp S. R
Number of Acres attributable to well:	Is Section: Regular or Irregular
	If Section is Irregular, locate well from nearest corner boundary. Section corner used: NE NW SE SW
	Section comer used. NV SE SW
	PLAT st lease or unit boundary line. Show the predicted locations of
	required by the Kansas Surface Owner Notice Act (House Bill 2032).
You may attach a	a separate plat if desired. 200 ft.
	900 ft.
	LEGEND
	: : O Well Location
	Tank Battery Location
	Pipeline Location Electric Line Location
	Lease Road Location
	:
	EXAMPLE
16	
: : : : : : : : : : : : : : : : : : : :	
	· ·
	SEWARD CO. 3390' FEL

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



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 242867

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 Haul-Off Pit (If WP Supply API No. or Year Drilled) Is the pit located in a Sensitive Ground Water A	Pit is: Proposed If Existing, date col Pit capacity: urea? Yes	Existing nstructed: (bbls)	SecTwp R East WestFeet from North / South Line of Section Feet from East / West Line of Section County Chloride concentration: mg/l mg/l mg/l reference from reference from mg/l mg/l mg/l reference from reference from mg/l reference from reference from mg/l reference from	
Is the bottom below ground level? Yes No	Artificial Liner?	No	How is the pit lined if a plastic liner is not used?	
Pit dimensions (all but working pits):	Length (fee			
If the pit is lined give a brief description of the li material, thickness and installation procedure.			dures for periodic maintenance and determining acluding any special monitoring.	
		Depth to shallo Source of infor	west fresh water feet. nation:	
feet Depth of water well	feet	measured	well owner electric log KDWR	
Emergency, Settling and Burn Pits ONLY: Producing Formation: Number of producing wells on lease: Barrels of fluid produced daily: Does the slope from the tank battery allow all spilled fluids to		Type of materia	over and Haul-Off Pits ONLY: all utilized in drilling/workover: king pits to be utilized: procedure:	
flow into the pit? Yes No Submitted Electronically		'	e closed within 365 days of spud date.	
	KCC OFFICE USE ONLY Liner Steel Pit RFAC RFAS			
Date Received: Permit Num	ber:	Permi	t Date: Lease Inspection: Yes No	



Kansas Corporation Commission Oil & Gas Conservation Division

1242867

Form KSONA-1
January 2014
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 (Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)

OPERATOR: License #	
Name:	· — —
Address 1:	•
Address 2:	Lease Name: Well #:
City: State: +	the large heless.
Phone: () Fax: ()	
Email Address:	-
Surface Owner Information:	
Name:	
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:	
City: State: Zip:+	_
are preliminary non-binding estimates. The locations may be entered	ank batteries, pipelines, and electrical lines. The locations shown on the plat If on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.
Select one of the following:	
owner(s) of the land upon which the subject well is or will be	e Act (House Bill 2032), I have provided the following to the surface e located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form m being filed is a Form C-1 or Form CB-1, the plat(s) required by this and email address.
KCC will be required to send this information to the surface	I acknowledge that, because I have not provided this information, the owner(s). To mitigate the additional cost of the KCC performing this ess of the surface owner by filling out the top section of this form and e 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 C	ng fee with this form. If the fee is not received with this form, the KSONA-1 P-1 will be returned.
Submitted Electronically	
I	

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, 2015

HARPER County, Konsos _____ County, Kansas __ Township <u>34S</u> Range <u>8W</u>P.M. 200'FNL - 900'FEL 16 X= 2092238 Y= 161040_ BOTTOM HOLE AND DRILL PATH 330' HARDLINE 90GR4A1 9-N-5-1304 1320 2292 BOTTOM HOLE 330 FNL-1320 FEL NAD-27 (US Feet) 37 06 27.0 N 98'11'17.6 W 37.107495746 N 98.188229798 W X=2090923 Y=160667 D, NOT SURVEYED. GRID NAD-27 KS SOUTH US Feet Note: 3.280833 Ft.=1 Meter X= 2087012 Y= 158263 Scale: 1"= 1000' 9 500' 1000' X= 2092279 Y= 158413 PATH Best Accessibility t Distance & Direction from Hwy Jct or 1 Good Operator: Topography Drill SANDRIDGE E Site? 80 HARDLINE HARDLINE Vegetation tion Town ಕ R TRUST 3408 330 Location 20' EAST TO THE PROPOSED ROBERTS 3408 1-16H Yes From Loc. X= 209232 Y= 155784 fell 200 Waldron, From X= 2089676 Y= 155720 2, X= 2087032 Y= 155655 900 1742 PRODUCTION, sloped S. Reference S Stakes Set THE STATE OF THE S off go wheat county ±6.0 2437 FFC Stakes or field ∄. road North Well Alternate ð No. X= 2087073 Y= 153044 the 16) NE H6-X= 2092313 Y= 153142 Cor. 앜 Sec. ELEVATION: 1320' Gr. at 16-T34S-R8W Stake 330' HARDLINE X= 2087114 Y= 150433 A boundary survey of the said section(s) shown hereon was <u>not</u> performed per the request of the operator shown hereon. X= 2089729 Y= 150468 was receiven accuracy. DATUM: NAD-27 Invoice # 239557 Date Staked: Feb. 02, 2015 AC LAT: 37'05'36.5"N LONG: 98'11'11.7"W **CERTIFICATE:** LAT: 37.093471824° N Lee K. Goss I, Lee K. Goss a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify to the information LONG: 98.186586350° W STATE PLANE COORDINATES: (US Feet) shown herein This ered ZONE: KS SOUTH SURVEYOR X: 2091420

Y: 155562

31	32	33 33S 8W	WHARTON /8/1 ↓ 4705	
-	0.2	33 333 800	34 (475) 34 (475) WHARTON HZ 1 (4705) 4705	35
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		STARK ROACH 1-21 4740 X 21	22 HUGHES 1HUGHES 1 4733 4733 HUGHES 1 11 11 11 11 11 11 11 11 11 11 11 11	23

Cather Trust 3408 1-9H Lease Information Sheet

Unit Description:

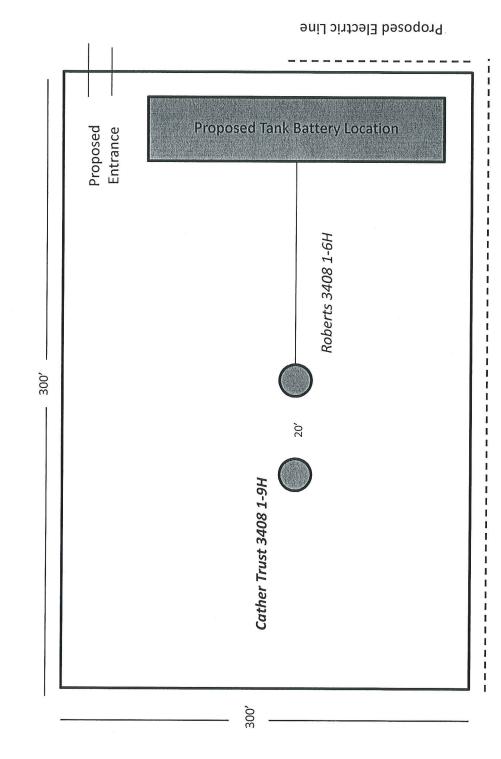
All of Section 9-T33S-R8W Harper County, KS

Surface Owners:

RGR, LLC Ruth Roberts, Managing Member 22459 South Franklin Street Springhill, KS 66083

Phone: 913-592-4019

Cather Trust 3408 1-9H & Roberts 3408 1-6H



of facilities or wells. Please refer to the Kansas Survey Plat for well information. This plat is proposed information only and is not meant to show final location



February 17, 2015

RGR, LLC Ruth Roberts, Managing Member 22459 south Franklin Street Springhill, KS 66083

Re: KSONA-1 NOTIFICATION -

Please find attached a draft copy of the Permit to Drill currently pending with the KCC for approval. SandRidge Energy plans to drill the Cather Trust 3408 1-9H well located in Harper County, Kansas. You are listed as a contact for the current surface ownership.

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,

Wanda Ledbetter

Regulatory Analyst

Wanda Tedlette

Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



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

Sam Brownback, Governor

Shari Feist Albrecht, Chair Jay Scott Emler, Commissioner Pat Apple, Commissioner

March 06, 2015

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

Re: Drilling Pit Application Cather Trust 3408 1-9H NE/4 Sec.16-34S-08W Harper County, Kansas

Dear Wanda Ledbetter:

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

District staff has recommended that the reserve pit be lined with bentonite or native clay, constructed <u>without slots</u>, the bottom shall be flat and reasonably level and the free fluids must be removed. The fluids are to be removed from the reserve pit as soon as the Hutchinson Salt section has been drilled through and displacement of the fluids into the reserve pit has occurred. The fluids should be removed again within 2 weeks after drilling operations have ceased.

If production casing is set all completion fluids shall be removed from the working pits daily. NO completion fluids or non-exempt wastes shall be placed in the reserve pit.

The fluids should be taken to an authorized disposal well. Please call the District Office at (316) 630-4000 when the fluids have been removed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, through KOLAR within 30 days of fluid removal.

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.