

Well will not be drilled or Permit Expired Date: _

Signature of Operator or Agent:

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

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 E W
OPERATOR: License#	(0/0/0/0) foot from N / S Line of Section
Name:	foot from E / W Line of Continu
Address 1:	L OFOTION D L D L O
Address 2:	
City: State: Zip:	
Contact Person:	Lease Name: Well #:
Phone:	
CONTRACTOR: License#	Field Name:
Name:	is also a restalled reputation.
variie.	Target Formation(s):
Well Drilled For: Well Class: Type Equip	
Oil Enh Rec Infield Mud I	Ground Surface Elevation:feet MSI
Gas Storage Pool Ext. Air Ro	otary Water well within one-quarter mile:
Disposal Wildcat Cable	Public water supply well within one mile: Yes Ves
Seismic ; # of Holes Other	Depth to bottom of fresh water:
Other:	Depth to bottom of usable water:
	Surface Pipe by Alternate: I III
If OWWO: old well information as follows:	Length of Surface Pipe Planned to be set:
Operator:	Length of Conductor Pipe (if any):
Well Name:	D : IT ID
Original Completion Date: Original 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:	(Note: Apply for Permit with DWR)
KCC DKT #:	
	If Yes, proposed zone:
The condensioned beauty officers that the drilling accompletion	AFFIDAVIT
	and eventual plugging of this well will comply with K.S.A. 55 et. seq.
It is agreed that the following minimum requirements will be n	net:
1. Notify the appropriate district office <i>prior</i> to spudding of	of well;
2. A copy of the approved notice of intent to drill shall be	
3. The minimum amount of surface pipe as specified belo	ow shall be set by circulating cement to the top; in all cases surface pipe shall be set
 The minimum amount of surface pipe as specified belothrough all unconsolidated materials plus a minimum of 	bw shall be set by circulating cement to the top; in all cases surface pipe shall be set of 20 feet into the underlying formation.
3. The minimum amount of surface pipe as specified below through all unconsolidated materials plus a minimum of the well is dry hole, an agreement between the operation.	ow shall be set by circulating cement to the top; in all cases surface pipe shall be set of 20 feet into the underlying formation. ator and the district office on plug length and placement is necessary prior to plugging;
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 The minimum amount of surface pipe as specified below through all unconsolidated materials plus a minimum of the well is dry hole, an agreement between the operation of the appropriate district office will be notified before well from the ALTERNATE II COMPLETION, production pipe shapes of the minimum amount of surface plus as a surface production of the pipe shapes of the minimum amount of surface pipe as specified below through a surface plus as a surface pipe as specified below through a surface pipe as specified below through all unconsolidated materials plus a minimum of the pipe as specified below through all unconsolidated materials plus a minimum of the pipe as specified below through all unconsolidated materials plus a minimum of the pipe as a minimum of the pipe a	by shall be set by circulating cement to the top; in all cases surface pipe shall be set of 20 feet into the underlying formation. ator and the district office on plug length and placement is necessary prior to plugging; sell is either plugged or production casing is cemented in; hall be cemented from below any usable water to surface within 120 DAYS of spud date.
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3. The minimum amount of surface pipe as specified belot through all unconsolidated materials plus a minimum of the very specified below through all unconsolidated materials plus a minimum of the very specified before well appropriate district office will be notified before well to the very specified before well appropriate district office will be notified before well appropriate district office will be notified before well appropriate district office will be notified before well appropriate will be notified before well appropriate district office will be n	Remember to: - File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill; - File Completion Form ACO-1 within 120 days of spud date; - File acreage attribution plat according to field proration orders; - Notify appropriate district office 48 hours prior to workover or re-entry;
3. The minimum amount of surface pipe as specified belot through all unconsolidated materials plus a minimum of the vector of the well is dry hole, an agreement between the operand of the well is dry hole, an agreement between the operand of the specified before well be notified before well of an ALTERNATE II COMPLETION, production pipe short of pursuant to Appendix "B" - Eastern Kansas surface must be completed within 30 days of the spud date or the specified within 30 days of the specified withi	Remember to: - File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill; - File Completion Form ACO-1 within 120 days of spud date; - File acreage attribution plug to the Korn plught of the CP-4) after plugging is completed (within 60 days); - Submit plugging report (CP-4) after plugging is completed (within 60 days);
3. The minimum amount of surface pipe as specified belot through all unconsolidated materials plus a minimum of the very specified belot through all unconsolidated materials plus a minimum of the very specified before well appropriate district office will be notified before well to the appropriate district office will be notified before well appropriate district office will be notified before well appropriate district office will be notified before well appropriate district office will be notified before	w shall be set by circulating cement to the top; in all cases surface pipe shall be set of 20 feet into the underlying formation. actor and the district office on plug length and placement is necessary prior to plugging; all is either plugged or production casing is cemented in; anall be cemented from below any usable water to surface within 120 DAYS of spud date. casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing the well shall be plugged. In all cases, NOTIFY district office prior to any cementing. Remember to: - File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill; - File Drill Pit Application (form CDP-1) with Intent to Drill; - File Completion Form ACO-1 within 120 days of spud date; - File acreage attribution plat according to field proration orders; - Notify appropriate district office 48 hours prior to workover or re-entry; - Submit plugging report (CP-4) after plugging is completed (within 60 days); - Obtain written approval before disposing or injecting salt water.
3. The minimum amount of surface pipe as specified belot through all unconsolidated materials plus a minimum of the vector of the well is dry hole, an agreement between the operand of the well is dry hole, an agreement between the operand of the specified before well be notified before well of the appropriate district office will be notified before well of the specified will be notified wi	Remember to: - File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill; - File Drill Pit Application (form CDP-1) with Intent to Drill; - File acreage attribution plua to the Konsas Pion of Act (KSOna) in South Pion (File Completion Form ACO-1 within 120 days of spud date; - File acreage attribution plua taccording to sompleted (within 60 days);

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202 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
Vell Number:	feet from E / W Line of Section
Field:	Sec Twp S. R 🗌 E 🗍 W
Number of Acres attributable to well:	is Section. Tregular of Thequial
	If Section is Irregular, locate well from nearest corner boundary.
	Section corner used: NE NW SE SW
	PLAT
	to the nearest lease or unit boundary line. Show the predicted locations of ical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032).
	may attach a separate plat if desired. 300 ft.
: : :	! ! !
	1980 ft. LEGEND
	O Well Location
	Tank Battery Location
	Pipeline Location
	: : : : : : : : : : : : : : : : : : :
	Lease Road Location
<u> </u>	EXAMPLE
7	
	1980' FSL
	" . """ . " . " . " . " . " . "
	: : : 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

084060

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) Is the pit located in a Sensitive Ground Water A		Existing nstructed: (bbls)	SecTwpRBastWest West Bast West West Line of Section Feet from East / West Line of Section County County mg/l mg/l (For Emergency Pits and Settling Pits only)	
Is the bottom below ground level?	Artificial Liner? Yes N	10	How is the pit lined if a plastic liner is not used?	
Pit dimensions (all but working pits):Length (fe			Width (feet)	
If the pit is lined give a brief description of the li material, thickness and installation procedure.	ilei		dures for periodic maintenance and determining scluding any special monitoring.	
Distance to nearest water well within one-mile of pit:		Depth to shallo Source of inforr	west fresh water feet. nation:	
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	l utilized in drilling/workover:	
Number of producing wells on lease:		Number of worl	king pits to be utilized:	
Barrels of fluid produced daily:		Abandonment p	procedure:	
Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No		·	e closed within 365 days of spud date.	
Submitted Electronically				
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

1084060

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)		
OPERATOR: License #	Well Location:		
Name:	SecTwpS. R		
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 county, and in the real estate property tax records of the county treasurer.		
Address 2:			
City: State: Zip:+			
the KCC with a plat showing the predicted locations of lease roads, tank	dic Protection Borehole Intent), you must supply the surface owners and 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.		
I certify that, pursuant to the Kansas Surface Owner Notice Adowner(s) of the land upon which the subject well is or will be lo CP-1 that I am filing in connection with this form; 2) if the form b form; and 3) my operator name, address, phone number, fax, are	ct (House Bill 2032), I have provided the following to the surface potential: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form the being filed is a Form C-1 or Form CB-1, the plat(s) required by this end email address. 1) cknowledge that, because I have not provided this information, the		
KCC will be required to send this information to the surface ow	ner(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-1	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., OKIA. CITY, OKIA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. LS-99, Exp. Dec. 31, 2011 HARPER _____ County, Kansas ___ Township <u>35S</u> Range <u>7W</u>P.M. 300'FNL-1980'FEL _Section __ X 2108644 Y 129529 X 2113969 Y 129582 300 330' HARDLINE (660') (2340') Lot 2 no elec HARDLINE lines Lot 3 330 Lot 4 X 2108678 Y 124246 Lot 4 Bottom Hole 330'FSL-1980'FEL NAD-27 (US Feet) 36'59'56.4" N 98'06'58.6" W 36.999006875 N 98.116289139 W X 2112067 Y 121243 Lot 3 GRID Scale: 1"= 1000' (660') Lot 2 330' HARDLINE Lot 1 1980'-330'Township Line-P X 2108702 Y 120889 State Line X 2114050 Y 120928 ALFLALFA CO. OKLAHOMA T29N-RBW 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 NOT been measured on the ground. 2000 Operator: SANDRIDGE ENERGY, INC **ELEVATION:** Lease Name: VORNAUF Well No.: 2-18H 1323' Gr. at Stake Topography & Vegetation Loc. fell in terraced wheat field, 185' South of E-W SWD pipeline Reference Stakes or Alternate Location Good Drill Site? _ Stakes Set None From North Best Accessibility to Location . Distance & Direction from Hwy Jct or Town From the Jct. of St. Hwy. 179 North & Oklahoma-Kansas Line E-W, go ±1.7 miles North, then ±3.5 miles West to the NE Cor. of Sec. 7-T35S-R7W DATUM: NAD-27

STORY OF LAT: 37'01'15.7"N

STORY OF LAT: 37.021030918

E STATE PLANE

COORDINATES: (US Ference of LAT)

CONTROLLING STATE PLANE

COORDINATES: (US Ference of LAT)

CONTROLLING STATE PLANE

CONTROLLING STATE PLANE

CONTROLLING STATE PLANE

COORDINATES: (US Ference of LAT)

TONE: KANSAS SOU

Y: 129262 LC **CERTIFICATE:** I, T. Wayne Fisch a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground T. Wayne Fisch STATE PLANE COORDINATES: (US Feet) ZONE: KANSAS SOUTH as shown herein. 1213 Kansas Lic. No.

Vornauf 2-18H

Harper County, KS

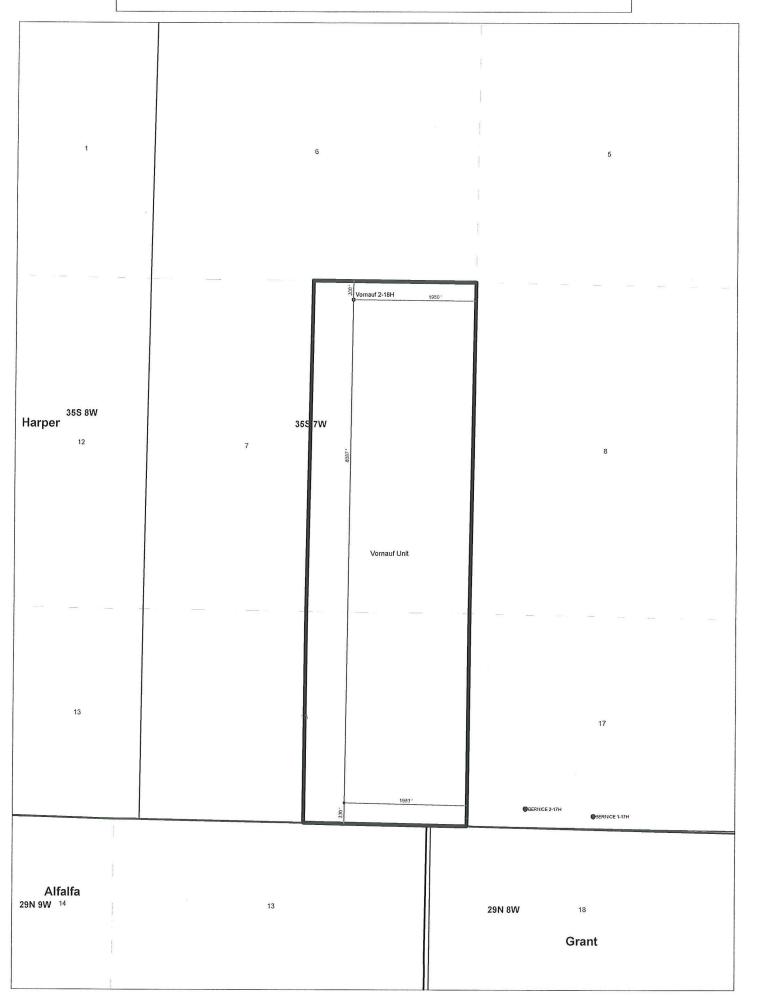
Surface Owners:

Robert D. Cather & Patricia M. Cather, Trustees 350 SW 90th Rd Anthony, KS 67003

Lease Description:

E % of 7-T35S-R7W and E % of 18-T35S-R7W in Harper County, KS

Vornauf 2-18H, Harper Co. KS, 7/18-35S-7W





June 11, 2012

Robert D and Patricia M Cather, Trustees 350 SW 90th Rd 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 Vornauf 2-18H well located in Harper County, Kansas, and you are listed as current surface owner.

This notice is being provided pursuant to the Kansas Surface Owner Notice Ace (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: tiffany.golay@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 Ward Loyd, Commissioner Thomas E. Wright, Commissioner

July 06, 2012

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

Re: Drilling Pit Application Vornauf 2-18H NE/4 Sec.07-35S-07W Harper County, Kansas

Dear Tiffany Golay:

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 1 week 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.