

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

1147542

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	
DPERATOR: License#	(0/0/0/0) feet from N / S Line of Section
Vame:	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:	County:
Contact Person:	Lease Name: Well #:
hone:	Field Name:
ONTRACTOR: License#	Is this a Prorated / Spaced Field?
lame:	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 MS
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:
If OMMAND, and well information as follows:	Surface Pipe by Alternate: 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:	Projected Total Depth:
Original Completion Date: Original Total Depth:	Formation at Total Depth:
virectional, Deviated or Horizontal wellbore?	Water Source for Drilling Operations:
Yes, true vertical depth:	Well Farm Pond Other:
Bottom Hole Location:	DWR Permit #:(Note: Apply for Permit with DWR)
(CC DKT #:	Will Cores be taken?
	If Yes, proposed zone:
	IDAVIT
The undersigned hereby affirms that the drilling, completion and eventual plug	gging of this well will comply with K.S.A. 55 et. seq.
t is agreed that the following minimum requirements will be met:	
Notify the appropriate district office <i>prior</i> to spudding of well;	deille e ei e.
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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

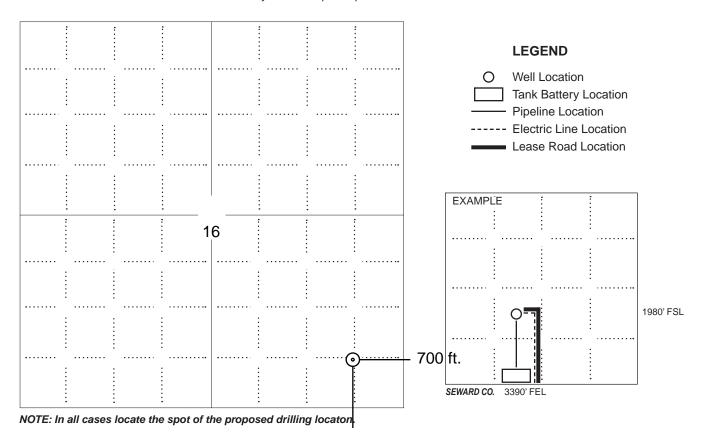
In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator:	Location of Well: County:
Lease:	feet from N / S Line of Section
Well 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

PLAT

Show location of the well. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032).

You may attach a separate plat if desired.



660 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.
- 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 Workover Pit Haul-Off Pit	Pit is: Proposed If Existing, date con	Existing	SecTwp R East
(If WP Supply API No. or Year Drilled)	Pit capacity:	(bbls)	County
Is the pit located in a Sensitive Ground Water A	he pit located in a Sensitive Ground Water 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 (fee	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 well	feet	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: Abandonmer		Abandonment	procedure:
Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No Drill pits must		·	pe closed within 365 days of spud date.
Submitted Electronically			
KCC OFFICE USE ONLY			
Date Received: Permit Num	ber:	Permi	Liner Steel Pit RFAC RFAS it Date: Lease Inspection: Yes No



1147542

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 (CB-1)	Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)		
OPERATOR: License #	Well Location:		
Name:			
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 addition		
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:			
the KCC with a plat showing the predicted locations of lease roads, tank	dic Protection Borehole Intent), you must supply the surface owners and k batteries, pipelines, and electrical lines. The locations shown on the plat n 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 A owner(s) of the land upon which the subject well is or will be to CP-1 that I am filing in connection with this form; 2) if the form to form; and 3) my operator name, address, phone number, fax, at ☐ I have not provided this information to the surface owner(s). I at KCC will be required to send this information to the surface owner(s).	cknowledge that, because I have not provided this information, the vner(s). To mitigate the additional cost of the KCC performing this		
task, I acknowledge that I am being charged a \$30.00 handling 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		
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 ___ County, Kansas 660'FSL - 700'FEL__ Section ___ 16 Township 33S _Range <u>6W</u>P.M. 330' HARDLINE -N-²-1939 16 HARDLINE (1980 GRID NAD-27 KS SOUTH US Feet Note: 3.280833 Ft.=1 Meter Scale: "= 1000' (1940') PROPOSED 500' 1000 660 X= 2155660 Y= 182643 330' HARDLINE X= 2150319 Y= 182574 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. CORNER COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD. Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC **ELEVATION:** Well No.: 2-16 Lease Name: CAROTHER BROTHERS A 3306 1334' Gr. at Stake Topography & Vegetation Loc. fell in level wheat field, ±126' West of fence Reference Stakes or Alternate Location Stakes Set None Yes Good Drill Site? Best Accessibility to Location _____ From South off county road Distance & Direction From Anthony, KS, go ±3.5 mi. East on St. Hwy. 44, then ±1.0 mi. North from Hwy Jct or Town _ to the SE Cor. of Sec. 16-T33S-R6W Date of Drawing: Jun. 10, 2013 Invoice # 202244 Date Staked: Jun. 07, 2013 AC DATUM: NAD-27 LAT: <u>37'10'07.8"N</u> LONG: 97'58'05.6"W **CERTIFICATE:** LAT: 37.168843057° N __a Kansas Licensed Land T. Wayne Fisch LONG: 97.968231755' 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: 2154955 183294

Permit Information

Carother Brothers A 3306 2-16 Well Harper County, KS

Unit Description:

SandRidge has a lease covering 160.00 nma in SE/4 of Section 16, Township 33 South, Range 06 West located in Harper County, Kansas. We intend to drill this 160.00 nma into the Carother Brothers A 3306 2-16 Vertical well.

Surface Owner: SE/4 of 16-33S-06W:

Kenneth R. Carothers (1/2) 224 S. Jefferson Anthony, Kansas 67003

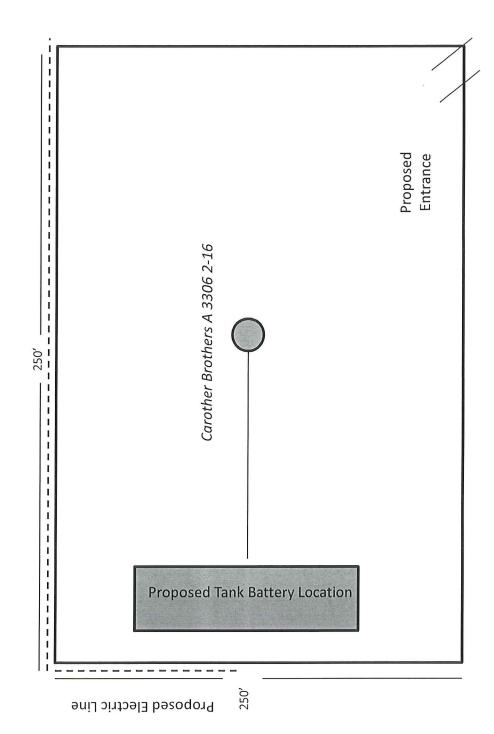
Eugene H. Carothers (1/2) 302 S. Jefferson Anthony, Kansas 67003

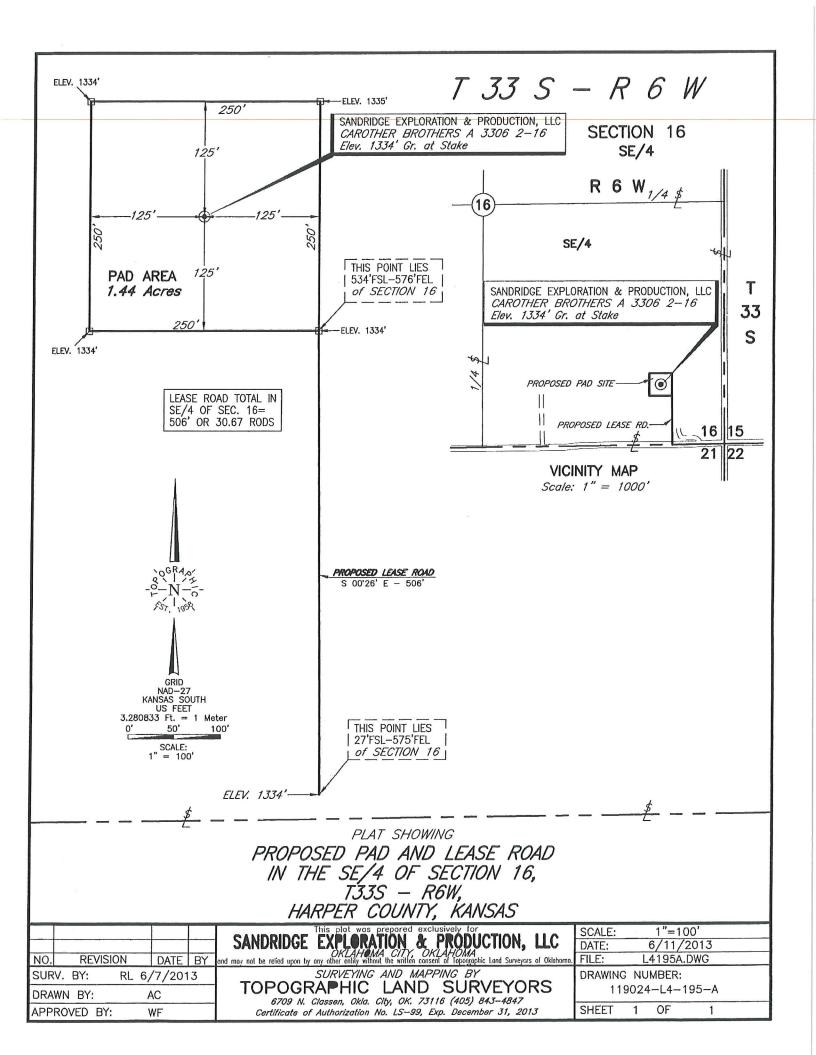
TOPOGRAPHIC LAND SURVEYORS
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. LS-99, Exp. Dec. 31, 2013 HARPER _ County, Kansas 660'FSL - 700'FEL Section 16 Township 33S Range 6W P.M. 330' HARDLINE -N-5 1969 X= 2155642 Y= 185304 HARDLINE (1980 GRID NAD-27 KS SOUTH 330 US Feet Note: 3.280833 Ft.=1 Meter Scale: 1"= 1000 (1940') PROPOSED 500' 1000 660 X= 2155660 Y= 182643 330' HARDLINE XXX UNIT DUTLINE X= 2150319 Y= 182574 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. CORNER COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD. Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC **ELEVATION:** Well No.: __2-16 Legse Name: CAROTHER BROTHERS A 3306 1334' Gr. at Stake Topography & Vegetation Loc. fell in level wheat field, ±126' West of fence Reference Stakes or Alternate Location Good Drill Site? Yes Stakes Set _ Best Accessibility to Location <u>From South off county road</u> Distance & Direction From Anthony, KS, go ±3.5 mi. East on St. Hwy. 44, then ±1.0 mi. North from Hwy Jct or Town _ to the SE Cor. of Sec. 16-T33S-R6W Date of Drawing: Jun. 10, 2013 Invoice # 202244 Date Staked: Jun. 07, 2013 AC DATUM: NAD-27 LAT: 37'10'07.8"N LONG: 97'58'05.6"W **CERTIFICATE:** LAT: 37.168843057° N I, T. Wayne Fisch a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described LONG: 97.968231755' W STATE PLANE COORDINATES: (US Feet) well location was surveyed and staked on the ground ZONE: KS SOUTH as shown herein. X: 2154955

183294

Carother Brothers A 3306 2-16







June 17, 2013

Eugene H Carothers 302 S Jefferson Anthony, Kansas 67003

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 Carother Brothers A 3306 2-16 located in Harper County, Kansas. You are listed as the contact for the 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,

Wanda Ledbetter Regulatory Analyst

Wanda Ledlette

Attach.



June 17, 2013

Kenneth R Carothers 224 S Jefferson Anthony, Kansas 67003

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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

June 20, 2013

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

Re: Drilling Pit Application Carother Brothers A 3306 2-16 SE/4 Sec.16-33S-06W 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 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.