

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	
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:	(Note: Apply for Permit with DWR)
KCC DKT #:	Will Cores be taken? Yes No
	If Yes, proposed zone:
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	TIDAVIT
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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:		



For KCC Use ONLY	
API # 15	

Operator: __

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.

Location of Well: County: ___

_ease:						feet from N / S Line of Section	
Vell Number:				_	feet from E / W Line of Section		
eld:					Sec	Twp S. R	
	f Acres attributable				ls Section: Regular or Irregular		
					If Section is Section corr	is Irregular, locate well from nearest corner boundary. rner used: NE NW SE SW	
	Show loo	ation of the w	all. Show foots	ago to the magra	PLAT	under time. Show the predicted locations of	
			pelines and ele	ectrical lines, as		undary line. Show the predicted locations of nsas Surface Owner Notice Act (House Bill 2032). esired.	
	·	:	:	:	: :		
		:				LEGEND	
	:	:	:	······	······································	O Well Location	
		:		:		Tank Battery Location	
	:	:	:	:	: :	Pipeline Location Electric Line Location	
		:		:		Lease Road Location	
			·		• • • • • • • • • • • • • • • • • • • •		
		i					
	:	<u>:</u>	· • •	:	<u> </u>	EXAMPLE :	
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	:	:		:	:		
				:			
						1980' FSL	
		·	·	· 	· !		
CO tt				:	: :	CEMARD CO 2200; EEI	

200 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

066057

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)	SecTwpR East WestFeet from North / South Line of SectionFeet from East / West Line of SectionCounty Chloride concentration: mg/l(For Emergency Pits and Settling Pits only)	
Is the bottom below ground level?	Artificial Liner? Yes N	No	How is the pit lined if a plastic liner is not used?	
	Length (fee		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 any special monitoring.	
Distance to nearest water well within one-mile of	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 working 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	pilled fluids to	·	be closed within 365 days of spud date.	
Submitted Electronically	- · · ·			
	KCC	OFFICE USE O	NLY Liner Steel Pit RFAC RFAS	
Date Received: Permit Num	ber:	Permi	it Date: Lease Inspection: Yes No	



Kansas Corporation Commission Oil & Gas Conservation Division

1066057

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	(Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)		
OPERATOR: License #	Well Location:		
	County:		
Address 1:	Lease Name: Well #:		
Address 2: City: State: Zip: +			
Contact Person:	If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:		
Phone: () Fax: ()			
Email Address:			
Surface Owner Information:			
Name:	When filing a Form T-1 involving multiple surface owners, attach an additional 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 1:			
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, tan are preliminary non-binding estimates. The locations may be entered of Select one of the following: 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 I CP-1 that I am filing in connection with this form; 2) if the form form; and 3) my operator name, address, phone number, fax, a I have not provided this information to the surface owner(s). I a KCC will be required to send this information to the surface or	Act (House Bill 2032), I have provided the following to the surface located: 1) a copy of the Form C-1, Form CB-1, Form CB-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 and email address. Cacknowledge that, because I have not provided this information, the wner(s). To mitigate the additional cost of the KCC performing this gree, 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., OKIA. CITY, OKIA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. LS-99, Exp. Dec 31, 2011 _____ County, Kansas Township <u>35S</u> Range BARBER Range <u>10W</u>P.M. 200'FSL - 1050'FWL _ Section 200 2022 660 BOTTOM HOLE INFORMATION F BY OPERATOR LISTED. CORNER COORDINATES ARE TO FROM POINTS SURVEYED IN T 2310' 2310/FSL-660/FWL 2310/FSL-660/FWL 37/02/31.9* N 98/22/53.4* W Lot: 37.042198508 Long: 98.381504576 X=2034588 Y=136761 TAKEN THE FIELD. -5343'-T345-R10W Township Line-T355-R10W X 2039295 Y 134509 X 2033953 Y 134443 LOT 1 LOT 2 LOT 4 LOT 3 S/2-NE/4 S/2-NW/4 2 -N-5 557 1958 2440 no elec lines GRID Tanh 590 1050 Scale: flowline -1000 This location has been very carefully staked on the ground according to the best official survey records, maps, and photographs available to Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, and have not been measured. us, but its accuracy is not guaranteed. Review this plot and notify us immediately of any possible discrepancy. **ELEVATION:** Operator: SANDRIDGE ENERGY, INC 1313' Gr. at Stake Well No.: 1-2H Lease Name: LORI Topography & Vegetation Loc. fell in sloped pasture Reference Stakes or Alternate Location Stakes Set Good Drill Site? ___ Yes Best Accessibility to Location From West Distance & Direction from Kiowa, KS, go ±2.2 mi. N—NE on St. Hwy. 2, then 4.0 mi. East, then 2.0 mi. South to the SW Cor. of Sec. 2-T35S-R10W The following information was gathered using a GPS receiver Accuracy ±2-3 Meters. Date of Drawing: Sep. 21, 2011 Invoice # 172121 Date Staked: Sep. 20, 2011 DATUM: NAD-27 **CERTIFICATE:** LAT: 37'01'19.0"N T. Wayne Fisch a Registered Land Surveyor LONG: 98'22'48.4"W LAT: 37.021936826 and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein. LONG: 98,380101621 STATE PLANE COORDINATES: ZONE: KS SOUTH ND SURVE Kansas Reg. No. 1213 X: 2035007

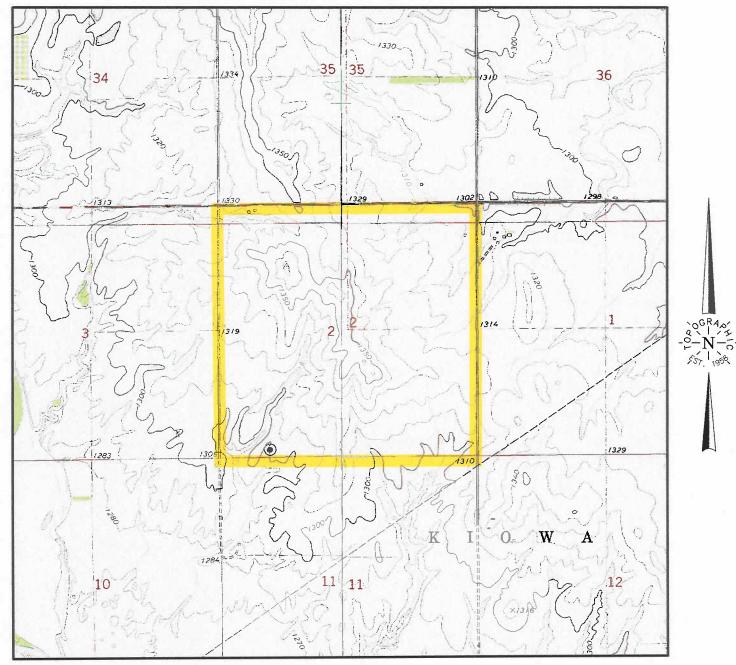
TOPOGRAPHIC LAND SURVEYORS
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. LS-99, Exp. Dec 31, 2011 BARBER County, Kansas 200'FSL 1050'FWL 10W P.M. Section Township 2022 BOTTOM HOLE IN BY OPERATOR LI CORNER COORDI FROM POINTS SI E INFORMATION F R LISTED. DRDINATES ARE TO S SURVEYED IN 1 TAKEN TAKEN 5343' T345-R10W T355-R10W X 2039295 Y 134509 LOT 4 S/2-NE/4 S/2-NW/4 557 1959 2440 GRID '= 1000' Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, and have not been measured. This location has been very carefully staked on the ground according to the best official survey records, maps, and photographs available to us, but its accuracy is not guaranteed. Review this plat and notify us immediately of any possible discrepancy. **ELEVATION:** Operator: SANDRIDGE ENERGY, INC. 1313' Gr. at Stake Well No .: 1-2H Lease Name: LORI Topography & Vegetation Loc. fell in sloped pasture Reference Stakes or Alternate Location None Yes Stakes Set Good Drill Site? __ Best Accessibility to Location From West Distance & Direction From Kiowa, KS, go ±2.2 mi. N-NE on St. Hwy. 2, then 4.0 mi. East, from Hwy Jct or Town South to the SW Cor. of Sec. 2-T35S-R10W 2.0 mi. Date of Drawing: Sep. 21, 2011 The following information was gathered using a GPS receiver Accuracy ±2-3 Meters. Invoice # <u>172121</u> Date Staked: <u>Sep. 20, 2011</u> GPS DATUM: <u>NAD-27</u> LAT: <u>37°01'19.0"N</u> **CERTIFICATE:** I, T. Wayne Fisch a Registered 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 as shown herein. LONG: 98°22'48.4"W LAT: <u>37.021936826</u> LONG: 98.380101621 STATE PLANE COORDINATES: ZONE: KS SOUTH Kansas Reg. No. 1213

X: 2035007 Y: 129384

TOPOGRAPHIC LAND SURVEYORS
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Application No. LS-99, Exp. Dec 31, 2011 BARBER County, Kansas 35S Range Range 10W P.M. 1050'FWL 200'FSL _ Section _ 2 Township 35 200 2022' 660 BOTTOM HOLE INFORMATION F BY OPERATOR LISTED. CORNER COORDINATES ARE TO FROM POINTS SURVEYED IN T 2310' BOTTOM HOLE 2310'FSL-660'FWL 37'02'31.9" N 98'22'53.4" W Lat: 37.042198508 Long: 98.381504576 X=2034588 Y=136761 TAKEN TAKEN 5.34.3 T345-R10W Township Line-F T355-R10W X 2039295 Y 134509 X 2033953 Y 134443 LOT 1 LOT 2 LOT 4 LOT 3 S/2-NE/4 S/2-NW/4 2440 **GRID** 1050 1590' Scale: X 2033959 Y 129174 2039296 129228 1000' 200' en very carefully staked on the ground according Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, and have not been measured. This location has b to the best official survey records, maps, and photographs available to us, but its occuracy is not guaranteed. Review this plat and notify us immediately of any possible discrepancy. **ELEVATION:** Operator: SANDRIDGE ENERGY, INC. 1313' Gr. at Stake Lease Name: LORI Well No.: 1-2H Topography & Vegetation Loc. fell in sloped pasture Reference Stakes or Alternate Location None Stakes Set Yes Good Drill Site? __ Best Accessibility to Location From West Distance & Direction From Kiowa, KS, go ±2.2 mi. N-NE on St. Hwy. 2, then 4.0 mi. East, from Hwy Jct or Town_ then 2.0 mi. South to the SW Cor. of Sec. 2-T35S-R10W Date of Drawing: Sep. 21, 2011 The following information was gathered using a GPS receiver Accuracy ±2-3 Meters. JAYNE NE Invoice # 172121 Date Staked: Sep. 20, 2011 GPS CENS DATUM: NAD-27 **CERTIFICATE:** LAT: 37°01'19.0"N I, T. Wayne Fisch a Registered 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 as shown herein. T. Wayne Fisch LONG: 98'22'48.4"W LAT: 37.021936826 LONG: 98.380101621 STATE PLANE COORDINATES: 19/21/2815 ZONE: KS SOUTH Kansas Reg. No. <u>1213</u> SURVE X: 2035007

Surveying and Mapping for the Energy Industry 6709 North Classen Blvd. Oklahoma City, OK 73116 www.topographic.com Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

LOCATION & ELEVATION VERIFICATION MAP



KIOWA, KS

Quadrangle Map

Above Background Data from U.S.G.S. Topographic Map Scale: 1"=2000'

Contour Interval 10'

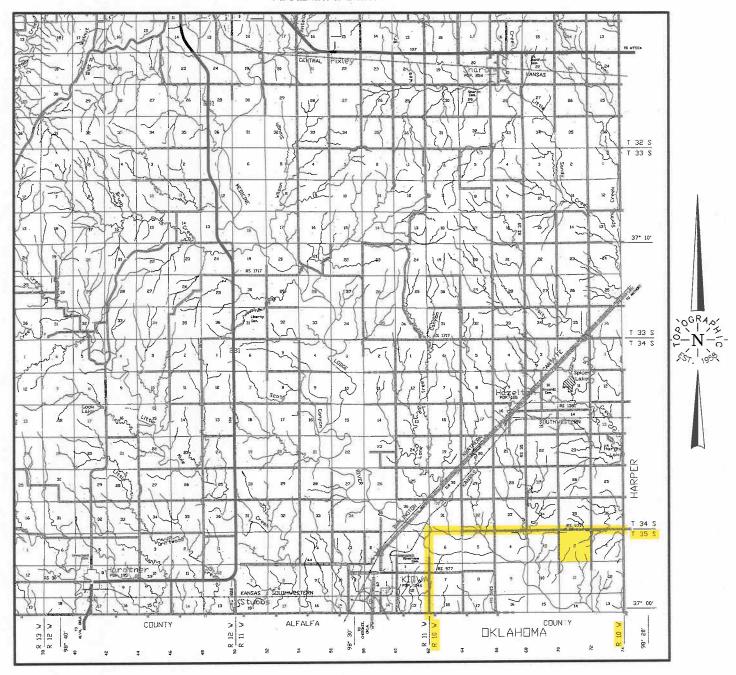
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Review this plat and inform us immediately of any possible discrepancy.



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VICINITY MAP



Scale: 1'' = 3 Miles

Sec. 2 Twp. 35S Rng. 10W

County BARBER State KS

Operator SANDRIDGE ENERGY, INC.





October 18, 2011

Lori Schrock c/o Lori and Robert Schrock 1704 S. 7th St. Kiowa KS 67070

Re: KSONA-1 NOTIFICATION

Gentlemen:

Please find attached a draft copy of Intent to Drill currently pending with the KCC for approval. We plan to drill the Lori 1-2H well located in Barber County, Kansas, and you are listed as current surface owner. If, upon notice, no objections are received, the Application to Drill will be reviewed for approval by the KCC, and subsequent to that approval, the attached Intent will be processed.

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,

Karen Sharp

Sr. Regulatory Analyst

Faren Sharp

/file Attach.

Kansas Corporation Commission Oil & Gas Conservation Division

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 (Cat	hodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)
OPERATOR: License # 34192	Well Location:
Name: SandRidge Exploration and Production LC	S2 S2 SW SW Sec. 02 Twp. 35 S. R. 10 Eas West
Address 1: 123 ROBERT S. KERR AVE	County: Barber
Address 2:	Lease Name: Lori Well #: 1-2H
City: OKLAHOMA CITY State: OK Zip: 73102 + 6406	If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:
Contact Person: Karen Sharp Phono: (405) 429-5745	the lease below.
Phone: (405) 429-5745 Fax: (405) 429-6011	
Email Address:	
Surface Owner Information:	
Name: Lori Schrock c/o Lori and Robert Schrock	When filing a Form T-1 involving multiple surface owners, attach an additional
Address 1: 1704 S. 7th St	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: Kiowa State KS Zip: 67070 +	
If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic the KCC with a plat showing the predicted locations of lease roads, tank be are preliminary non-binding estimates. The locations may be entered on the company of the control of the contr	atteries, pipelines, and electrical lines. The locations shown on the plat
Select one of the fellowing:	
I/certify that, pursuant to the Kansas Surface Owner Notice Act / owner(s) of the land upon which the subject well is or will be local CP-1 that I am filing in connection with this form; 2) if the form being form; and 3) my operator name, address, phone number, fax, and	ated: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form ing filed is a Form C-1 or Form CB-1, the plat(s) required by this
I have not provided this information to the surface owner(s). I ack KCC will be required to send this information to the surface owner task, I acknowledge that I am being charged a \$30.00 handling fe	er(s). To mitigate the additional cost of the KCC performing this
If choosing the second option, submit payment of the \$30.00 handling ferform and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 v	
I hereby certify that the statements made herein are true and correct to the	ne best of my knowledge and belief.
Date: 10/18/11 Signature of Operator or Agent:	Sharp Title:

For KCC Us	e:		
Effective Da	te:		
District #	1		
SGA?	Yes	X No	
			Mus
		Form VCOMA 4	Cartification of

Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

Form C-1 March 2010 Form must be Typed

Form must be Signed NOTICE OF INTENT TO DRILL All blanks must be Filled t be approved by KCC five (5) days prior to commencing well Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act, MUST be submitted with this form. Expected Spud Date: _ Spot Description: _ day month vear _ S2 _ SW _ SW Sec. 02 Twp. 35 S. R. 10 (Q/Q/Q/Q) feet from N / S Line of Section
feet from E / W Line of Section 34192 200 OPERATOR: License# _ 660 Name: SandRidge Exploration and Production LLC Įş SECTION: ズ Regular ☐ Irregular? Address 1: 123 ROBERT S. KERR AVE Address 2 (Note: Locate well on the Section Plat on reverse side) City: OKLAHOMA CITY + 6406 State: OK Zip: 73102 Barber Contact Person: Gil Messersmith Lease Name, Lori Well #: 1-2H 405-429-5773 Phone: Wildcat Field Name: CONTRACTOR: License#_ Yes X No Is this a Prorated / Spaced Field? Name: Lariat Services, Inc. Target Formation(s): Mississippi Nearest Lease or unit boundary line (in footage): 330 Well Class: Well Drilled For: Type Equipment: Ground Surface Elevation: 1296 Estimated Estimated feet MSL X Mud Rotary Enh Rec Infield Yes X No Water well within one-quarter mile: Storage Pool Ext. Air Rotary Yes Public water supply well within one mile: X Wildcat Disposal Cable Depth to bottom of fresh water: 100 Seismic: # of Holes Other Other: Surface Pipe by Alternate: XI III Length of Surface Pipe Planned to be set: 900 If OWWO: old well information as follows Length of Conductor Pipe (if any): _ Operator: Projected Total Depth: __12000 Well Name: Formation at Total Depth: Mississippi Original Completion Date: _ Original Total Depth: Water Source for Drilling Operations: Directional, Deviated or Horizontal wellbore? X Yes No Well X Farm Pond Other: If Yes, true vertical depth: 4777 DWR Permit #: Bottom Hole Location: 2810' FSC, 660' EWL OF SW/4, SEC 35,T34S,R10W (Note: Apply for Permit with DWR KCC DKT #: Yes X No Will Cores be taken? Top of salt @ appr. 1000'. Max surface casing 900'. If Yes, proposed zone: **AFFIDAVIT** The undersigned hereby affirms that the drilling, completion 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 met: 1. Notify the appropriate district office prior to spudding of well; 2. A copy of the approved notice of intent to drill shall be posted on each drilling rig; 3. The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior to plugging; The appropriate district office will be notified before well is either plugged or production casing is cemented in; it 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 #133,891-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 plugged. *In all cases, NOTIFY district office* prior to any cementing. I hereby certify that the statements made herein are true and to the best of my knowledge and belief. Date: _ Signature of Operator or Agent: Title: Remember to: For KCC Use ONLY - File Certification of Compliance with the Kansas Surface Owner Notification 02 Act (KSONA-1) with Intent to Drill; API # 15 -_ - File Drill Pit Application (form CDP-1) with Intent to Drill; Conductor pipe required __0 - File Completion Form ACO-1 within 120 days of spud date; Minimum surface pipe required 200 feet per ALT. XI III - File acreage attribution plat according to field proration orders; Notify appropriate district office 48 hours prior to workover or re-entry; Approved by: Submit plugging report (CP-4) after plugging is completed (within 60 days); This authorization expires: Obtain written approval before disposing or injecting salt water. (This authorization void if drilling not started within 12 months of approval 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. Spud date: _ Agent: 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: SandRidge Exploration and Production LLC Location of Well: County: Barber Lease: Lori feet from S Line of Section Well Number: 1-2H 660 W Line of Section feet from Field: Wildcat Sec. 02 S. R. 10 Number of Acres attributable to well: Regular or Irregular Is Section: QTR/QTR/QTR/QTR of acreage: S2 SW 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. **LEGEND** Well Location Tank Battery Location Pipeline Location - Electric Line Location Lease Road Location EXAMPLE 1980' FSL 660 ft. SEWARD CO. 3390' FEL

200 ft. In plotting the proposed location of the well, *you must show*:

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

- 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

Sübmit in Duplicate

Operator Name: SandRidge Exploration and Production LLC License Number: 34192 Operator Address: 123 ROBERT S. KERR OKLAHOMA CITY OK 73102 Contact Person: Gil Messersmith Phone Number: 405-429-5773 1-2H Lease Name & Well No.: Lori Pit Location (QQQQ): SW S2 Type of Pit: Twp. 35 _R 10 Proposed/~ East X West Emergency Pit Burn Pit Existing 200 Settling Pit X Drilling Pit Existing, date constructed: Feet from North / X South Line of Section Workover Pit Haul-Off Pit 660 Feet from East / X West Line of Section Pit capacity: (If WP Supply API No. or Year Drilled) 5343 Barber (bbls) Is the pit located in a Sensitive Ground Water Area? Chloride concentration: mg/l (For Emergency Pits and Settling Pits only) Is the bottom below ground level? Artificial Liner? -How is the pit lined if a plastic liner is not used? X Yes No / Yes-X No Bentonite 100 50 N/A: Steel Pits Pit dimensions (all but working pits): Width (feet) Length (feet) Depth from ground level to deepest point: (feet) No Pit If the pit is lined give a brief description of the liner Describe procedures for periodic maintenance and determining material, thickness and installation procedure. liner integrity, including any special monitoring. Distance to nearest water well within one mile of pit: Depth to shallowest fresh water feet. Source of information: KDWR measured well owner electric log Depth of water well: feet Emergency, Settling and Burn Pits ONLY: Drilling, Workover and Haul-Off Pits ONLY: mud & cuttings Producing Formation: Type of material utilized in drilling/workover: Number of producing wells on lease: Number of working pits to be utilized: Abandonment procedure: remove free fluids, let dry; backfill Barrels of fluid produced daily: Does the slope from the tank battery allow all spilled fluids to flow into the pit? Drill pits must be closed within 365 days of spud date. Yes I hereby certify that the above statements are true and correct to the best of my knowledge and belief. Signature of Applicant or Agent Date KCC OFFICE USE ONLY Liner Steel Pit RFAC RFAS Date Received: 10/18/2011 Lease Inspection: Yes X No Permit Date: Permit Number:

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, 2011 BARBER County, Kansas **Fownship** RDINATES ARE 1 SURVEYED IN ATION Township Line & T345-R10W LOT 4 LOT 3 S/2-NW/4 -N-5 557 1958 GRID Scale: '= 1000' Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, and have not been measured. to the best official survey records, maps, us, but its accuracy is not guaranteed. Review this plat and notify us immediately of any possible discrepancy. **ELEVATION:** Operator: SANDRIDGE ENERGY, INC. 1313' Gr. at Stake Well No.: 1-2H Lease Name: LORI Topography & Vegetation Loc. fell in sloped pasture Reference Stakes or Alternate Location Stakes Set None Good Drill Site? ___ Best Accessibility to Location From West Distance & Direction from Hwy Jct or Town From Kiowa, KS, go ±2.2 mi. N-NE on St. Hwy. 2, then 4.0 mi. East, then 2.0 mi. South to the SW Cor. of Sec. 2-T35S-R10W The following information was gathered using a GPS receiver Accuracy ±2-3 Meters. DATUM: NAD-27 **CERTIFICATE:** LAT: 37'01'19.0"N I, T. Wayne Fisch a Registered 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 as shown herein. LONG: 98'22'48.4"W LAT: <u>37.021936826</u> LONG: 98.380101621 STATE PLANE COORDINATES: ZONE: KS SOUTH

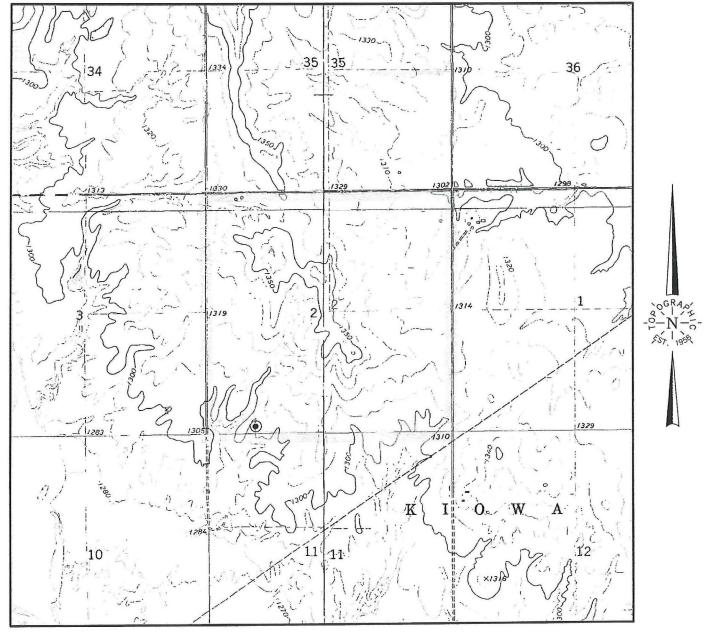
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LOCATION & ELEVATION VERIFICATION MAP



Sec. 2	Twp	35S Rng	10W
County	BARBER	State	KS
Operator	SANDRIDGE	ENERGY, INC.	
Description_	200'FSL -	- 1050'FWL	
Lease	LORI	1-2H	
Elevation U.S.G.S. Topograp		at Stake	

KIOWA, KS

Quadrangle Map

Above Background Data from U.S.G.S. Topographic Map Scale: 1"=2000'

Contour Interval

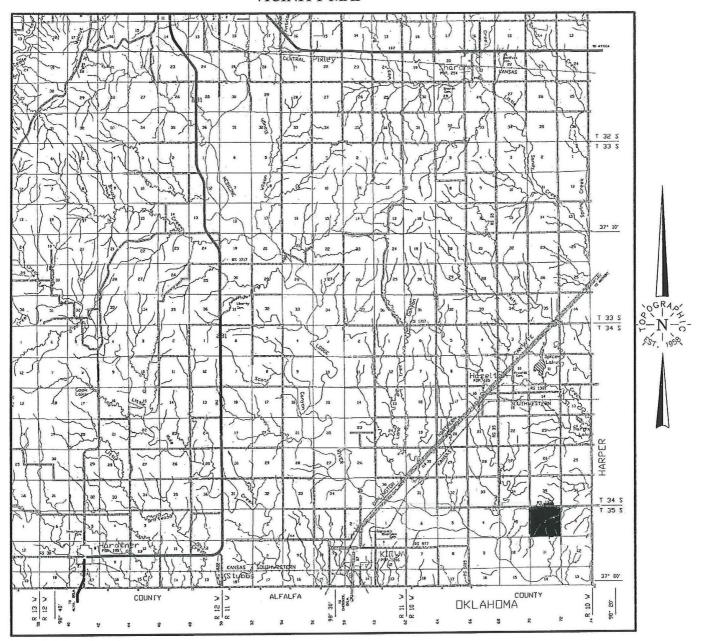
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VICINITY MAP



Scale: 1'' = 3 Miles

 Sec.
 2
 Twp.
 35S
 Rng.
 10W

 County
 BARBER
 State
 KS

 Operator
 SANDRIDGE ENERGY, INC.



TOPOGRAPHIC LAND SURVEYORS
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Certificate of Authorization No. LS-99, Exp. Dec 31, 2011 _ County, Kansas ___35S-_ Range BARBER 200'FSL - 1050'FWL _10W_P.M. _ Section Township Ronge 200 2022 660 BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED. CORNER COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD 2310 BOTTOM HOLE 2310'FSL-660'FWL 37'02'31.9" N 98'22'53.4" W Lat: 37.042198508 Long: 98.381504576 X=2034588 Y=136761 -5343' 1345-R10W Township_Line. T355-R10W X 2039295 Y 134509 X 2033953 Y 134443 LOT 1 LOT 2 LOT 4 LOT 3 S/2-NE/4 S/2-NW/4 2 2440 no elec linea GRID tank 590 flowline-Scale: 1000' This location has been very carefully staked on the ground according to the best official survey records, maps, and photographs available to us, but its occuracy is not guaranteed. Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, and have not been measured. Review this plot and notify us immediately of any possible discrepancy. **ELEVATION:** Operator: SANDRIDGE ENERGY, INC 1313' Gr. at Stake Well No.: 1-2H Lease Name: LORI Topography & Vegetation Loc. fell in sloped pasture Reference Stakes or Alternate Location Stakes Set None Good Drill Site? _ Yes Stakes Set Best Accessibility to Location <u>From West</u>
Distance & Direction
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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 Ward Loyd, Commissioner Thomas E. Wright, Commissioner

December 02, 2011

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

Re: Drilling Pit Application Lori 1-2H SW/4 Sec.02-35S-10W Barber County, Kansas

Dear Gil Messersmith:

District staff has inspected the 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. If a plastic liner is to be used it must have a minimum thickness of 20 mil. Integrity of the liner must be maintained at all times.

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 free fluids in the reserve pit should be removed within 96 hours of completion. The fluids should be taken to an authorized disposal well. Please call the District Office at (620) 225-8888 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 (620) 225-8888.