

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

1062149

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
DPERATOR: License#	(Q/Q/Q/Q) feet from N / S Line of Section
Name:	feet from E / W Line of Section
ddress 1:	Is SECTION: Regular Irregular?
ddress 2:	(Note: Locate well on the Section Plat on reverse side)
State: Zip: +	County:
Contact Person:	Lease Name: Well #:
hone:	Field Name:
CONTRACTOR: 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 OWWO: old well information as follows:	Surface Pipe by Alternate: I II
	Length of Surface Pipe Planned to be set:  Length of Conductor Pipe (if any):
Operator:	Projected Total Depth:
Well Name: Original Total Depth:	Formation at Total Depth:
Original Completion Date Original Total Deptil	Water Source for Drilling Operations:
Directional, Deviated or Horizontal wellbore?	Well Farm Pond Other:
f Yes, true vertical depth:	DWR Permit #:
Bottom Hole Location:	( <b>Note:</b> Apply for Permit with DWR)
(CC DKT #:	Will Cores be taken?
	If Yes, proposed zone:
AFF	IDAVIT
	IDAVIT
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Side Two



For KCC Use ONLY	
API # 15	

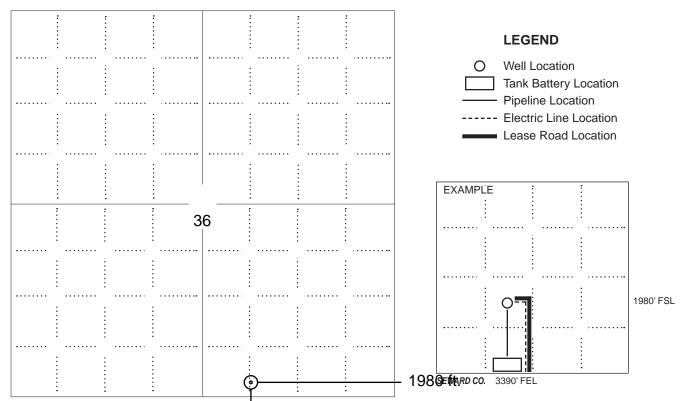
#### IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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:	SecTwpS. R 🗌 E 📗 W
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
PL	
Show location of the well. Show footage to the nearest lea	ase or unit boundary line. Show the predicted locations of

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.



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

#### 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.
- 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

1062149

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?
Pit dimensions (all but working pits):Length (fee			Width (feet) N/A: Steel Pits(feet) No Pit
If the pit is lined give a brief description of the li material, thickness and installation procedure.	ilei		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 world	king pits to be utilized:
Barrels of fluid produced daily:		Abandonment	procedure:
Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No		Drill pits must b	pe closed within 365 days of spud date.
Submitted Electronically			
KCC OFFICE USE ONLY  Liner Steel Pit RFAC RFAS			
Date Received: Permit Num	ber:	Permi	it Date: Lease Inspection: Yes No



## Kansas Corporation Commission Oil & Gas Conservation Division

1062149

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:	SecTwpS. R East
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:	
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 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 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, 2011 COMANCHE County, Kansas 20W P.M. 1980'FE Section BOTTOM HOLE INFORMATION BY OPERATOR LISTED. CORNER COORDINATES ARE FROM POINTS SURVEYED IN D ARE PROVIDED 200 315 5268 2308 BOTTOM HOLE 330'FSL-1980'FEL 37'16'50.6" N 99'26'34.3" W Lat: 37.280714634 Long: 99.442851382 X=1725671 Y=224972 **GRID** Scale 1000 very carefully staked on 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, 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. 2107' Gr. at Stake Well No.: 1-1H Lease Name: ROY Topography & Vegetation Loc. fell in sloped pasture Reference Stakes or Alternate Location None Yes Good Drill Site? \_ Stakes Set Best Accessibility to Location From North on trail Distance & Direction from Hwy Jct or Town From Jct. US Hwy. 183 and US Hwy. 160 East, go 2.0 mi. North and 7.0 mi. West the NW Cor. of Sec. 36-T31S-R20W, follow trial SE to the approximate S/4 Cor. of Sec. 36-T31S-R20W Aug. 22, 2011 The following information was gathered using a GPS receiver Accuracy ±2-3 Meters. Date of Drawing: \_ Invoice # 171462 Date Staked: Aug. 17, 2011 ICENS DATUM: NAD-27 **CERTIFICATE:** LAT: \_37°17'41.7"N T. Wayne Fisch a Registered Land Surveyor LONG: 99°26'34.4"W 37.294925153

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.

1213 Kansas Reg. No.

LAT:

LONG: 99.442890308

ZONE: KS SOUTH

X: 1725712 230146

STATE PLANE COORDINATES:

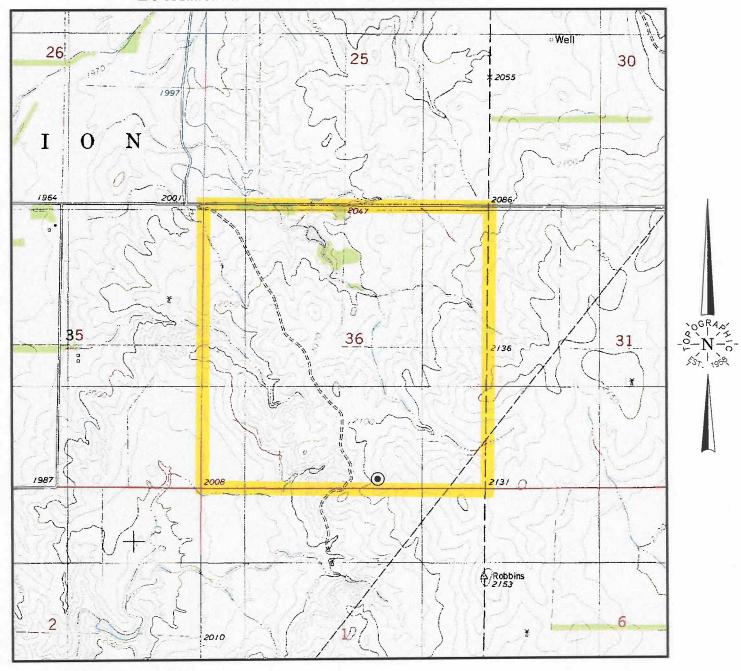
TOPOGRAPHIC LAND SURVEYORS
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 \* LOCAL (405) 843-4847 \* (
Certificate of Authorization No. LS-99, Exp. Dec 31, 20 843-4847 \* OUT OF STATE (800) 654-3219 p. Dec 31, 2011 COMANCHE County, Kansas - 1980'FEL Range <u>20W</u>P.M. 36 Township Section 31S BOTTOM HOLE INFORMATION BY OPERATOR LISTED. CORNER COORDINATES ARE FROM POINTS SURVEYED IN 36 2439 TAKEN I THE FIELD. 1/22420 229983 1980 1315-R20W 200 Township Line P T325-R20W 5268 X 1727688 Y 229924 9 O-N-2308  $\overline{II}$ BOTTOM HOLE 330'FSL-1980'FEL 37'16'50.6" N 99'26'34.3" W Lat: 37.280714634 Long: 99.442851382 X=1725671 Y=224972 666 GRID Scale: X 1727649 Y 224627 330 1"= 1000' 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. 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. Well No.: 1-1H 2107' Gr. at Stake Lease Name: ROY Topography & Vegetation Loc. fell in sloped pasture Reference Stakes or Alternate Location None Yes Good Drill Site? \_ Stakes Set Best Accessibility to Location From North on trail Distance & Direction from Hwy Jct or Town From Jct. US Hwy. 183 and US Hwy. 160 East, go 2.0 mi. North and 7.0 mi. West the NW Cor. of Sec. 36-T31S-R20W, follow trig! SE to the approximate S/4 Cor. of Sec. 36-T31S-R20W Aug. 22, 2011 The following information was gathered using a GPS receiver Accuracy ±2-3 Meters. Date of Drawing: \_ Invoice # <u>171462</u> Date Staked: Aug. 17, 2011 GPS DATUM: <u>NAD-27</u> LAT: <u>37'17'41.7"N</u> LONG: <u>99°26'34.4"W</u> ICENSE **CERTIFICATE:** I, T. Wayne Fisch a Registered Land Surveyor and an authorized agent of Topographic Land Surveyors, LAT: <u>37.294925153</u> do hereby certify that the above described well location LONG: 99.442890308 was surveyed and staked on the ground as shown herein. STATE PLANE COORDINATES: ZONE: KS SOUTH 1213 SURVE Kansas Reg. No. X: 1725712

230146

# **TOPOGRAPHIC LAND SURVEYORS**

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



20W Sec. 36 Twp.\_ 31S Rng. KS COMANCHE State County\_ SANDRIDGE ENERGY, INC. Operator\_ Description\_ 200'FSL - 1980'FEL ROY 1-1HLease\_ 2107' Gr. at Stake Elevation

EAST KIOWA CREEK SOUTH, KS

U.S.G.S. Topographic

Quadrangle Map

U.S.G.S. Topographic Map Scale: 1"=2000'

Above Background Data from

Contour Interval 10'

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. When elevation is shown hereon it is the ground elevation of the location stake.

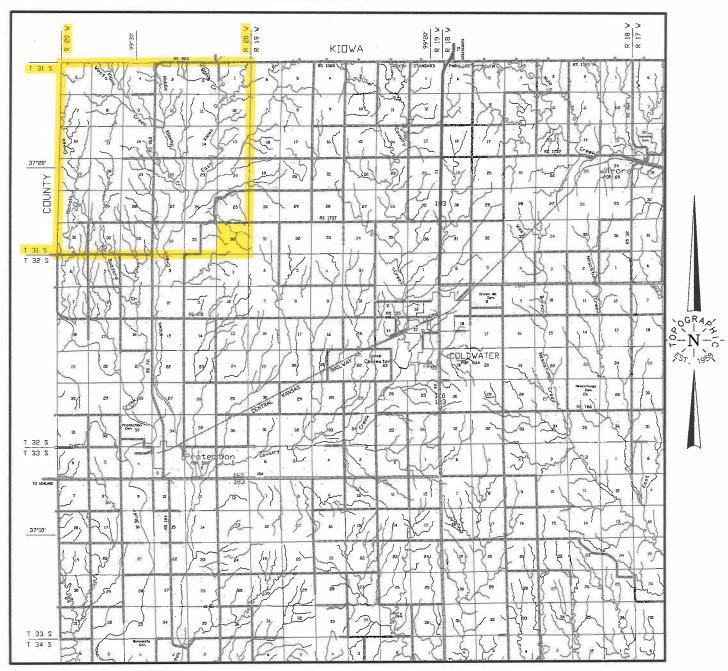
Review this plat and inform us immediately of any possible discrepancy.



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# VICINITY MAP



Scale: 1" = 3 Miles

Sec. 36	Twp	31S Rng.	20W
County	COMANCHE	State	KS
Operator	SANDRIDGE	ENERGY, INC	



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Certificate of Authorization No. LS-99, Exp. Dec 31, 2011 County, Kansas
Township 31S Range COMANCHE Range <u>20W</u> P.M. - 1980'FEI Section BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED. CORNER COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD. 36 2439 no powerlines 1722420 229983 1980' 7315-R20W 200 Howli Township Line-P 7325-R20W entrance 5268 7325-R20W 11 7325-R19W 11 11 11 Line-P 11 Range 5297 11 2308 11 BOTTOM HOLE 330'FSL-1980'FEL 37'16'50.6" N 99'26'34.3" W Lat: 37.280714634 Long: 99.442851382 X=1725671 Y=224972 666 GRID Scale: 1"= 1000' 330 X 1727649 Y 224627 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 plat and notify us immediately of any possible discrepancy. **ELEVATION:** Operator: SANDRIDGE ENERGY, INC. Well No.: 1-1H 2107' Gr. at Stake Lease Name: ROY Topography & Vegetation Loc. fell in sloped pasture Reference Stakes or Alternate Location Stakes Set Good Drill Site? \_ Best Accessibility to Location From North on trail Distance & Direction from Hwy Jct or Town From Jct. US Hwy. 183 and US Hwy. 160 East, go 2.0 mi. North and 7.0 mi. West to the NW Cor. of Sec. 36-T31S-R20W, follow trial SE to the approximate S/4 Cor. of Sec. 36-T31S-R20W Aug. 22, 2011 The following information was gathered using a GPS receiver Accuracy ±2-3 Meters. Date of Drawing: \_ Invoice # 171462 Date Staked: Aug. 17, 2011 GPS DATUM: NAD-27 **CERTIFICATE:** LAT: 37'17'41.7"N LONG: 99'26'34.4"W 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. LAT: \_37.294925153 LONG: 99.442890308 STATE PLANE COORDINATES: ZONE: KS SOUTH SURVE 1213 X: 1725712 Kansas Reg. No. \_

230146

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

October 10, 2011

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

Re: Drilling Pit Application Roy 1-1H SE/4 Sec.36-31S-20W Comanche County, Kansas

Dear Gil Messersmith:

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 (August 2008), Exploration and Production Waste Transfer, within 30 days of fluid removal.

Should a haul-off pit be necessary please file form CDP-1 (April 2004), 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 (620) 225-8888.

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# HAUL-OFF PIT APPLICATION FILING REQUIREMENTS

<b>82-3-607.</b> (a)	DISPOSAL OF DIKE AND PIT CONTENTS.  Each operator shall perform one of the following when disposing of dike or
pit	
	contents:
(1)	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
from	or unit operated by the same operator, if prior written permission
	the landowner has been obtained; or

	(D)	removal of the contents to a permitted off-site disposal area
approved		
		by the department.
(b)	Eac	h violation of this regulation shall be punishable by the following:
(1	1) A \$ <sup>2</sup>	1,000 penalty for the first violation;
(2	2) a \$2	2,500 penalty for the second violation; and
(3	a \$5	5,000 penalty and an operator license review for the third violation.

<u>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.</u>

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 operate 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 where the haul-off pit is to be located, to the haul-off pit application.	be