



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

Must 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: month day year

OPERATOR: License#

Name:

Address 1:

Address 2:

City: State: Zip: +

Contact Person:

Phone:

CONTRACTOR: License#

Name:

Well Drilled For: Well Class: Type Equipment:

- Oil, Gas, Enh Rec, Storage, Disposal, Seismic, Other, Infield, Pool Ext, Wildcat, Other, Mud Rotary, Air Rotary, Cable

If OWWO: old well information as follows:

Operator:

Well Name:

Original Completion Date: Original Total Depth:

Directional, Deviated or Horizontal wellbore? Yes No

If Yes, true vertical depth:

Bottom Hole Location:

KCC DKT #:

Spot Description:

Sec. Twp. S. R. E W
feet from N S Line of Section

feet from E W Line of Section

Is SECTION: Regular Irregular?

(Note: Locate well on the Section Plat on reverse side)

County:

Lease Name: Well #:

Field Name:

Is this a Prorated / Spaced Field? Yes No

Target Formation(s):

Nearest Lease or unit boundary line (in footage):

Ground Surface Elevation: feet MSL

Water well within one-quarter mile: Yes No

Public water supply well within one mile: Yes No

Depth to bottom of fresh water:

Depth to bottom of usable water:

Surface Pipe by Alternate: I II

Length of Surface Pipe Planned to be set:

Length of Conductor Pipe (if any):

Projected Total Depth:

Formation at Total Depth:

Water Source for Drilling Operations:

Well Farm Pond Other:

DWR Permit #:

(Note: Apply for Permit with DWR)

Will Cores be taken? Yes No

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.
4. 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;
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. If 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.

Submitted Electronically

For KCC Use ONLY
API # 15 -
Conductor pipe required feet
Minimum surface pipe required feet per ALT. I II
Approved by:
This authorization expires:
(This authorization void if drilling not started within 12 months of approval date.)
Spud date: Agent:

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.
- 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.

Well will not be drilled or Permit Expired Date:

Signature of Operator or Agent:

Mail to: KCC - Conservation Division,
130 S. Market - Room 2078, Wichita, Kansas 67202

E
W



1068266

**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: \_\_\_\_\_

Lease: \_\_\_\_\_

Well Number: \_\_\_\_\_

Field: \_\_\_\_\_

Number of Acres attributable to well: \_\_\_\_\_

QTR/QTR/QTR/QTR of acreage: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Location of Well: County: \_\_\_\_\_

\_\_\_\_\_ feet from  N /  S Line of Section

\_\_\_\_\_ feet from  E /  W Line of Section

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  E  W

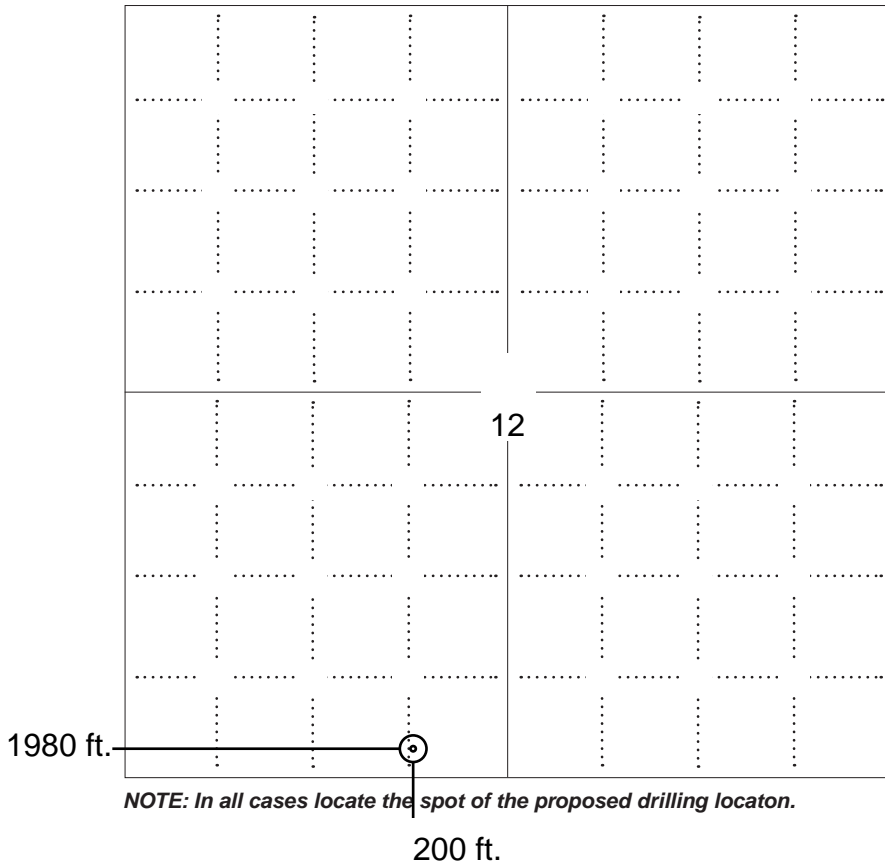
Is Section:  Regular or  Irregular

**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.



**LEGEND**

- Well Location
- Tank Battery Location
- Pipeline Location
- Electric Line Location
- Lease Road Location



**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 1068266  
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: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <i>(If WP Supply API No. or Year Drilled)</i>		Pit is: <input type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: _____ (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input type="checkbox"/> No		Chloride concentration: _____ mg/l <i>(For Emergency Pits and Settling Pits only)</i>	
Is the bottom below ground level? <input type="checkbox"/> Yes <input type="checkbox"/> No		Artificial Liner? <input type="checkbox"/> Yes <input type="checkbox"/> No	
How is the pit lined if a plastic liner is not used?			
Pit dimensions (all but working pits):    _____ Length (feet)    _____ Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: _____ (feet) <input type="checkbox"/> No Pit			
If the pit is lined give a brief description of the liner material, thickness and installation procedure.		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.	
Distance to nearest water well within one-mile of pit: _____ feet    Depth of water well _____ feet		Depth to shallowest fresh water _____ feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input type="checkbox"/> KDWR	
<b>Emergency, Settling and Burn Pits ONLY:</b> 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 flow into the pit? <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Drilling, Workover and Haul-Off Pits ONLY:</b> Type of material utilized in drilling/workover: _____ Number of working pits to be utilized: _____ Abandonment procedure: _____ Drill pits must be closed within 365 days of spud date.	
<p><b>Submitted Electronically</b></p>			

<b>KCC OFFICE USE ONLY</b>			
Date Received: _____		Permit Number: _____	
Permit Date: _____		Lease Inspection: <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Liner		<input type="checkbox"/> Steel Pit <input type="checkbox"/> RFAC <input type="checkbox"/> RFAS	



### 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: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ Fax: ( \_\_\_\_\_ ) \_\_\_\_\_  
Email Address: \_\_\_\_\_

Well Location: \_\_\_\_\_  
\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

*If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:*

**Surface Owner Information:**

Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

*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 county, and in the real estate property tax records of the county treasurer.*

*If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.*

**Select one of the following:**

- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

*If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.*

I Submitted Electronically

I

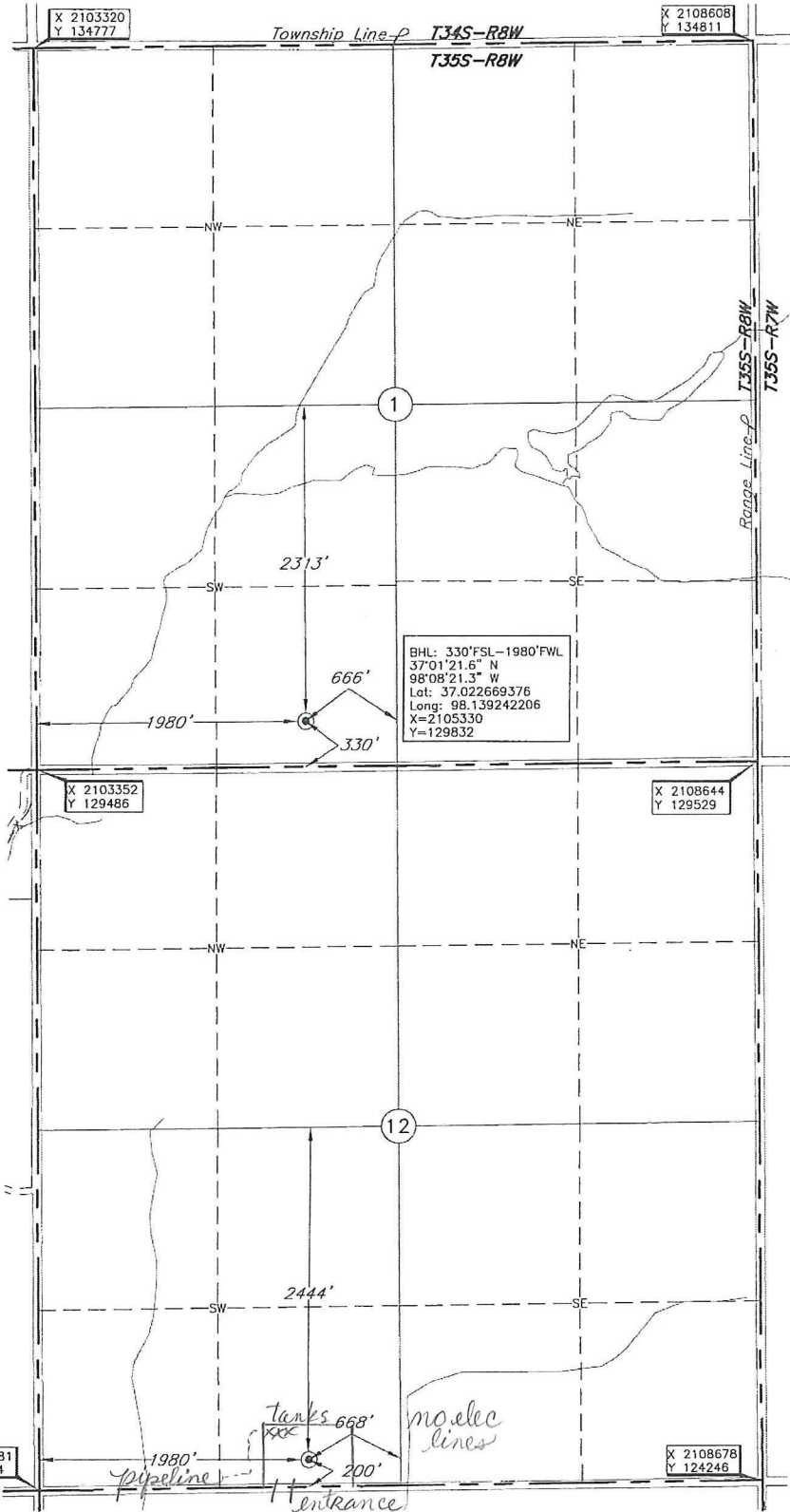
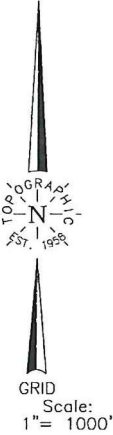
**TOPOGRAPHIC LAND SURVEYORS**

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, 2011

HARPER County, Kansas

200' FSL-1980' FWL Section 12 Township 35S Range 8W P.M.

BOTTOM HOLE INFORMATION PROVIDED  
 OPERATOR LISTED, NOT SURVEYED.  
 OPENED FROM THE FIELD  
 FROM POINTS SURVEYED IN THE FIELD.



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 plot and notify us immediately of any possible discrepancy.

Operator: SANDRIDGE ENERGY, INC.  
 Lease Name: BRAD

Topography & Vegetation Loc. fell in sloped cut field

Good Drill Site? Yes

Best Accessibility to Location From South off county road

Distance & Direction From Hwy Jct or Town From St. Hwy. 132 at Oklahoma-Kansas State Line North of Manchester, Ok., go 4.5 miles West on State Line, then 0.6 mile North, then 1 mile West to the SW Cor. of Sec. 12-T35S-R8W

Well No.: 1-12H

ELEVATION: 1287' Cr. at Stake

The following information was gathered using a GPS receiver Accuracy ±2-3 Meters.

GPS DATUM: NAD-27  
 LAT: 37°00'28.0"N  
 LONG: 98°08'21.2"W  
 LAT: 37.007789173  
 LONG: 98.139211265  
 STATE PLANE COORDINATES:  
 ZONE: KS SOUTH  
 X: 2105360  
 Y: 124414

Revision  A Date of Drawing: Nov. 4, 2011  
 Invoice # 174051 Date Staked: Oct. 8, 2011 LC

**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.

Kansas Reg. No. 1213





**TOPOGRAPHIC LAND SURVEYORS**

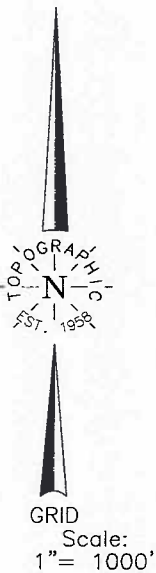
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
 Certificate of Authorization No. LS-99, Exp. Dec 31, 2011

HARPER

County, Kansas

200'FSL-1980'FWL Section 12 Township 35S Range 8W P.M.

BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED. CORNER COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD.



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 plot and notify us immediately of any possible discrepancy.

Operator: SANDRIDGE ENERGY, INC.

Lease Name: BRAD

Topography & Vegetation Loc. fell in sloped cut field

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From South off county road

Distance & Direction From Hwy Jct or Town From St. Hwy. 132 at Oklahoma-Kansas State Line North of Manchester, Ok., go 4.5 miles West on State Line, then 0.6 mile North, then 1 mile West to the SW Cor. of Sec. 12-35S-8W

Well No.: 1-12H

**ELEVATION:**  
1287' Gr. at Stake

The following information was gathered using a GPS receiver Accuracy ±2-3 Meters.

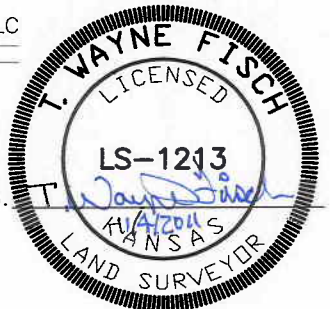
GPS  
 DATUM: NAD-27  
 LAT: 37°00'28.0"N  
 LONG: 98°08'21.2"W  
 LAT: 37.007789173  
 LONG: 98.139211265  
 STATE PLANE COORDINATES:  
 ZONE: KS SOUTH  
 X: 2105360  
 Y: 124414

Revision  A Date of Drawing: Nov. 4, 2011  
 Invoice # 174051 Date Staked: Oct. 8, 2011 LC

**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.

Kansas Reg. No. 1213





**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

HARPER

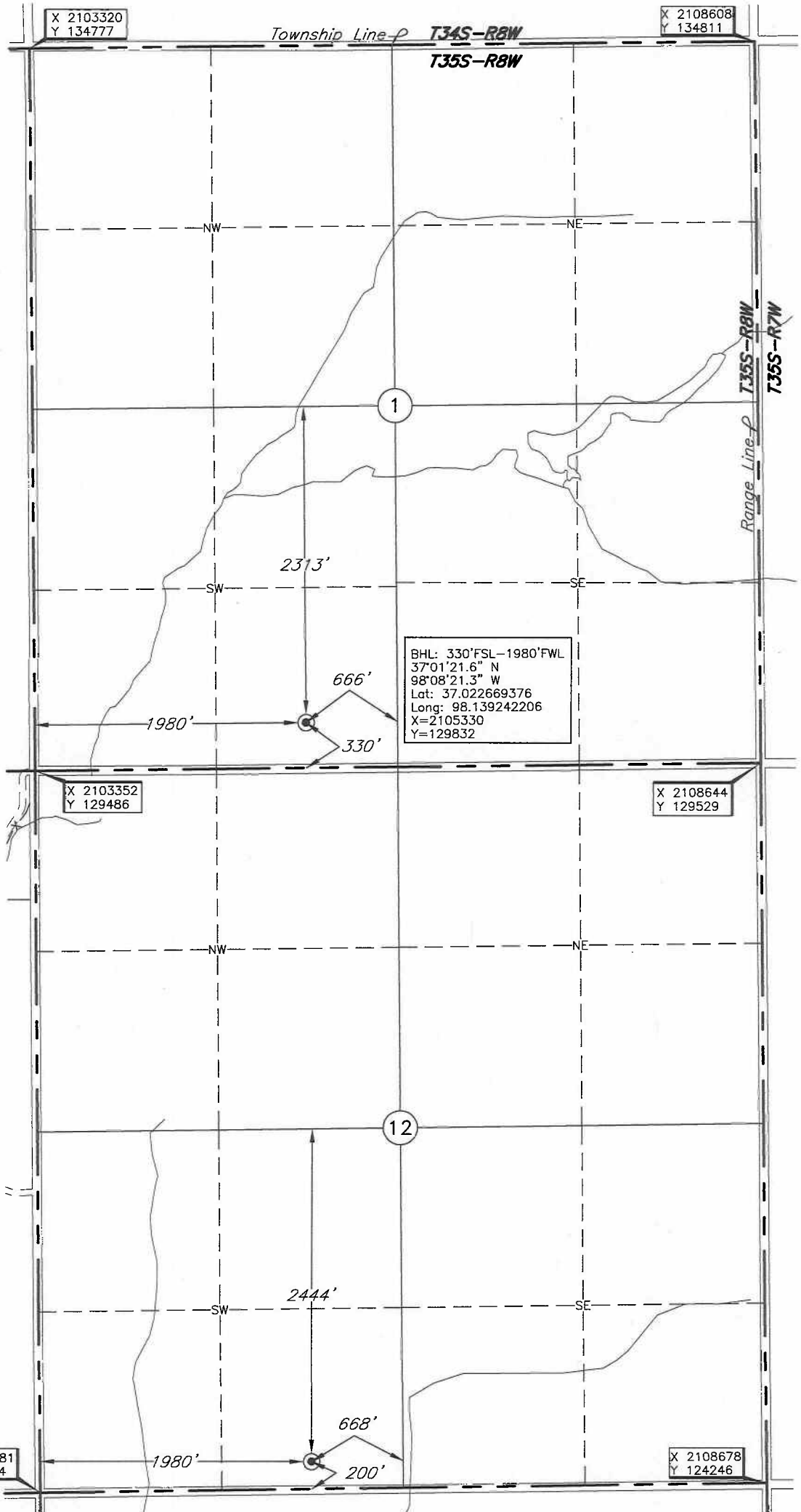
County, Kansas

200'FSL-1980'FWL Section 12 Township 35S Range 8W P.M.

BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED. CORNER COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD.



GRID Scale: 1" = 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 accuracy is not guaranteed. Review this plot and notify us immediately of any possible discrepancy.

Operator: SANDRIDGE ENERGY, INC.

Lease Name: BRAD

Well No.: 1-12H

**ELEVATION:**  
1287' Gr. at Stake

Topography & Vegetation Loc. fell in sloped cut field

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From South off county road

Distance & Direction From St. Hwy. 132 at Oklahoma-Kansas State Line North of Manchester, Ok., go 4.5 miles West on State Line, then 0.6 mile North, then 1 mile West to the SW Cor. of Sec. 12-T35S-R8W

The following information was gathered using a GPS receiver Accuracy ±2-3 Meters.

GPS  
 DATUM: NAD-27  
 LAT: 37°00'28.0"N  
 LONG: 98°08'21.2"W  
 LAT: 37.007789173  
 LONG: 98.139211265  
 STATE PLANE COORDINATES:  
 ZONE: KS SOUTH  
 X: 2105360  
 Y: 124414

Revision  A

Date of Drawing: Nov. 4, 2011

Invoice # 174051

Date Staked: Oct. 8, 2011

LC

**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.

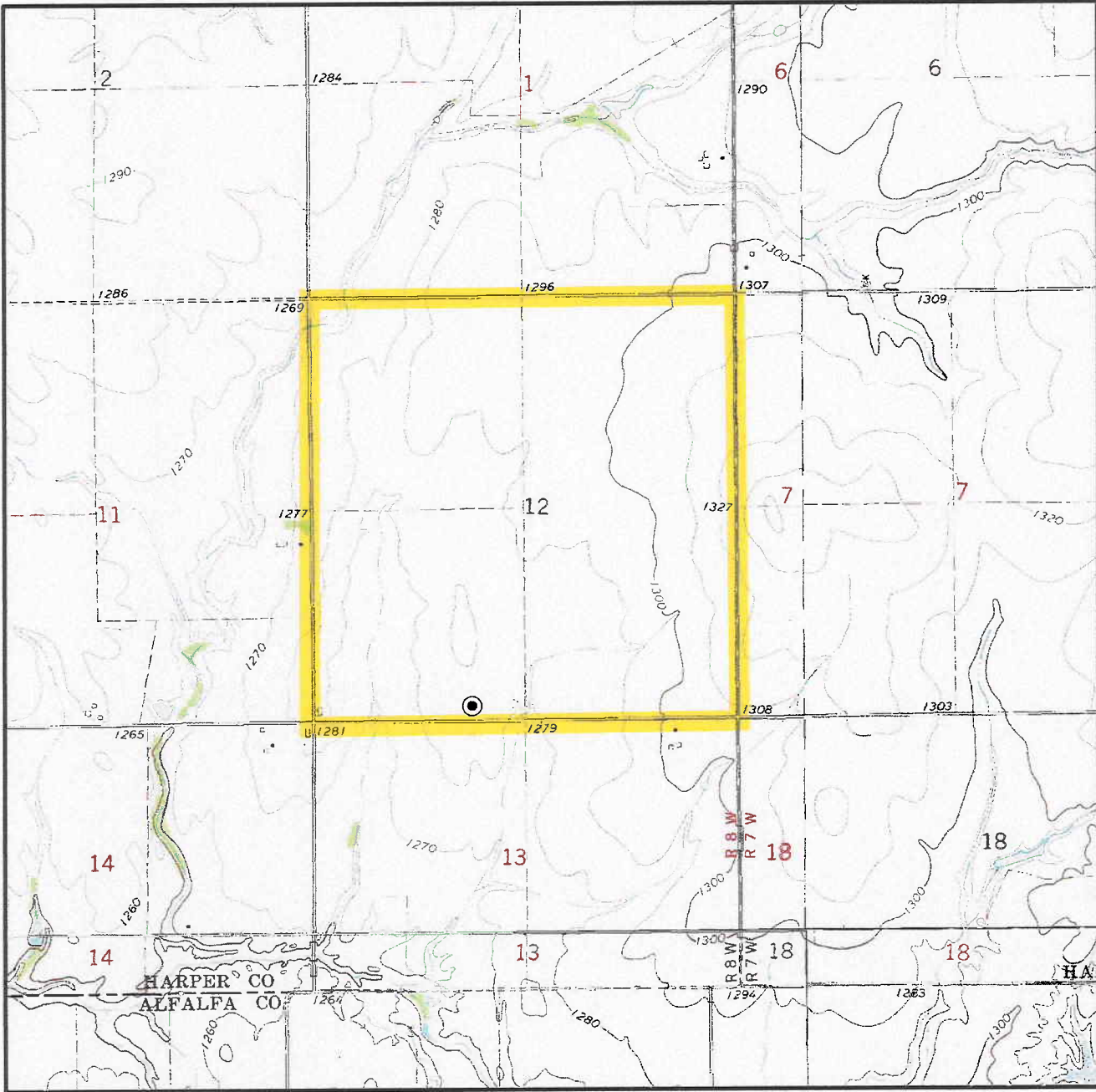
Kansas Reg. No. 1213



# 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



Sec. 12 Twp. 35S Rng. 8W

County HARPER State KS

Operator SANDRIDGE ENERGY, INC.

Description 200'FSL-1980'FWL

Lease BRAD 1-12H

Elevation 1287' Gr. at Stake

U.S.G.S. Topographic  
Quadrangle Map WALDRON, KS

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

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.

**TOPOGRAPHIC**  
SURVEYING • MAPPING • GIS • GPS

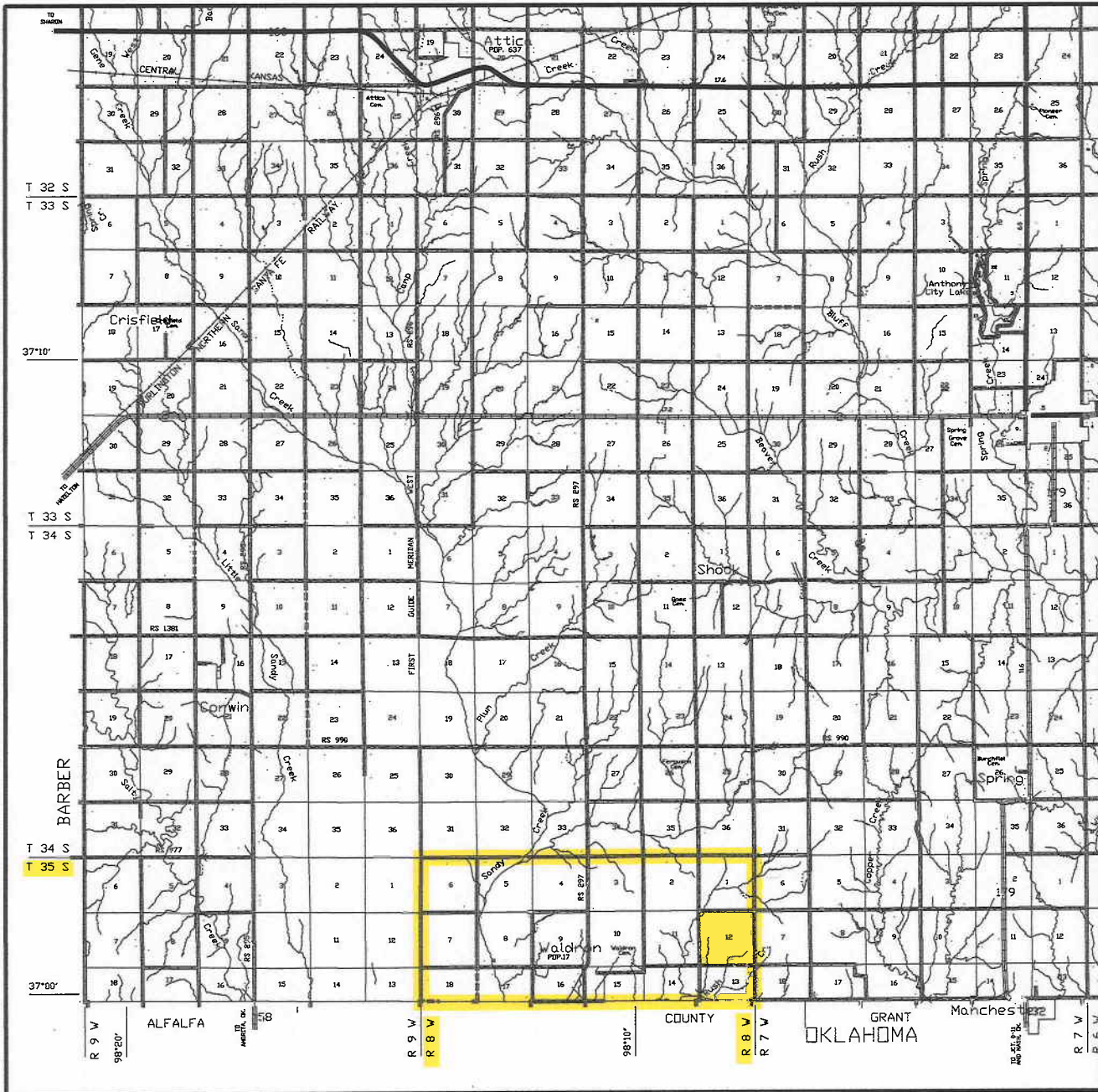
Oct. 8, 2011



# TOPOGRAPHIC LAND SURVEYORS

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

## VICINITY MAP



Scale: 1" = 3 Miles

Sec. 12 Twp. 35S Rng. 8W

County HARPER State KS

Operator SANDRIDGE ENERGY, INC.

**TOPOGRAPHIC**  
 SURVEYING • MAPPING • GIS • GPS

January 18, 2012

John-Mark Beaver  
SandRidge Exploration and Production LLC  
123 ROBERT S. KERR AVE  
OKLAHOMA CITY, OK 73102-6406

Re: Drilling Pit Application  
Brad 1-12H  
SW/4 Sec.12-35S-08W  
Harper County, Kansas

Dear John-Mark Beaver:

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 **without slots**, 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.