



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

KANSAS CORPORATION COMMISSION 1066057  
 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:
<input type="checkbox"/> Oil	<input type="checkbox"/> Enh Rec	<input type="checkbox"/> Infield
<input type="checkbox"/> Gas	<input type="checkbox"/> Storage	<input type="checkbox"/> Pool Ext.
	<input type="checkbox"/> Disposal	<input type="checkbox"/> Wildcat
<input type="checkbox"/> Seismic ; _____ # of Holes	<input type="checkbox"/> Other	<input type="checkbox"/> Mud Rotary
<input type="checkbox"/> Other: _____		<input type="checkbox"/> Air Rotary
		<input type="checkbox"/> 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  
 (Q/Q/Q/Q) \_\_\_\_\_ 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: \_\_\_\_\_

E  
W



1066057

**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

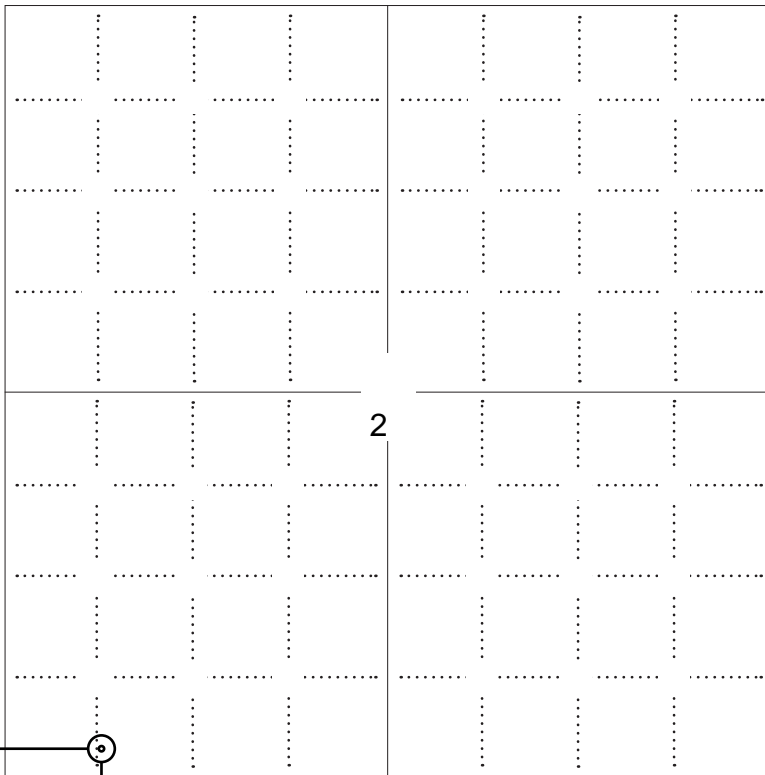
Is Section:  Regular or  Irregular

**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



SEWARD CO. 3390' FEL

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

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.



**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>			

**KCC OFFICE USE ONLY**

Liner     Steel Pit     RFAC     RFAS

Date Received: \_\_\_\_\_ Permit Number: \_\_\_\_\_ Permit Date: \_\_\_\_\_ Lease Inspection:     Yes     No



### 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.

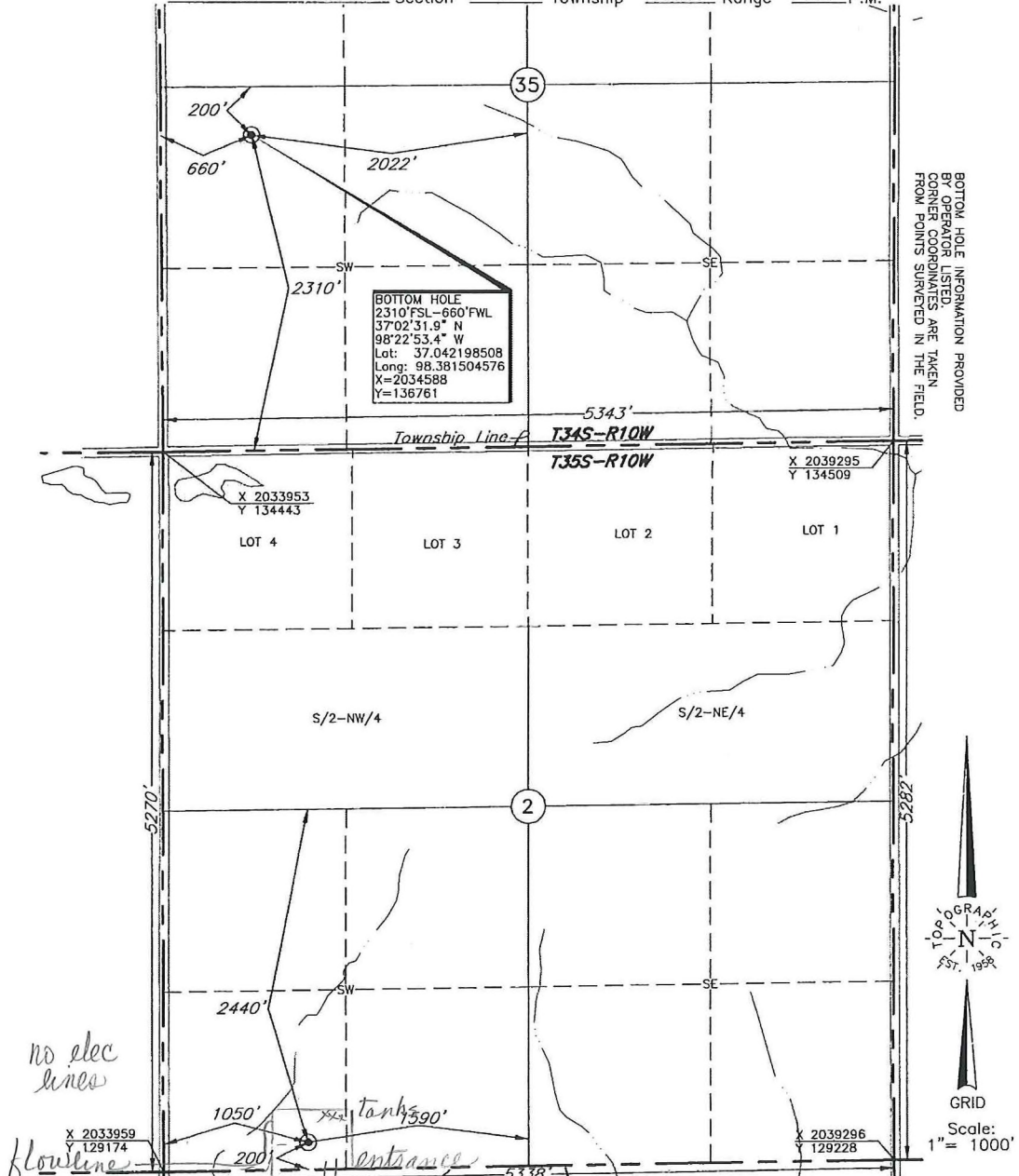
*If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.*

I Submitted Electronically

BARBER

County, Kansas

200' FSL - 1050' FWL Section 2 Township 35S Range 10W P.M.



BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED. CORNER COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD.

no elec lines

flowline

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.

Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, and have not been measured.

Operator: SANDRIDGE ENERGY, INC.  
 Lease Name: LORI

**ELEVATION:**  
 Well No.: 1-2H 1313' Gr. at Stake

Topography & Vegetation Loc. fell in sloped pasture

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

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.  
 GPS  
 DATUM: NAD-27  
 LAT: 37°01'19.0"N  
 LONG: 98°22'48.4"W  
 LAT: 37.021936826  
 LONG: 98.380101621  
 STATE PLANE COORDINATES:  
 ZONE: KS SOUTH  
 X: 2035007  
 Y: 129384

Date of Drawing: Sep. 21, 2011  
 Invoice # 172121 Date Staked: Sep. 20, 2011 AC

**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

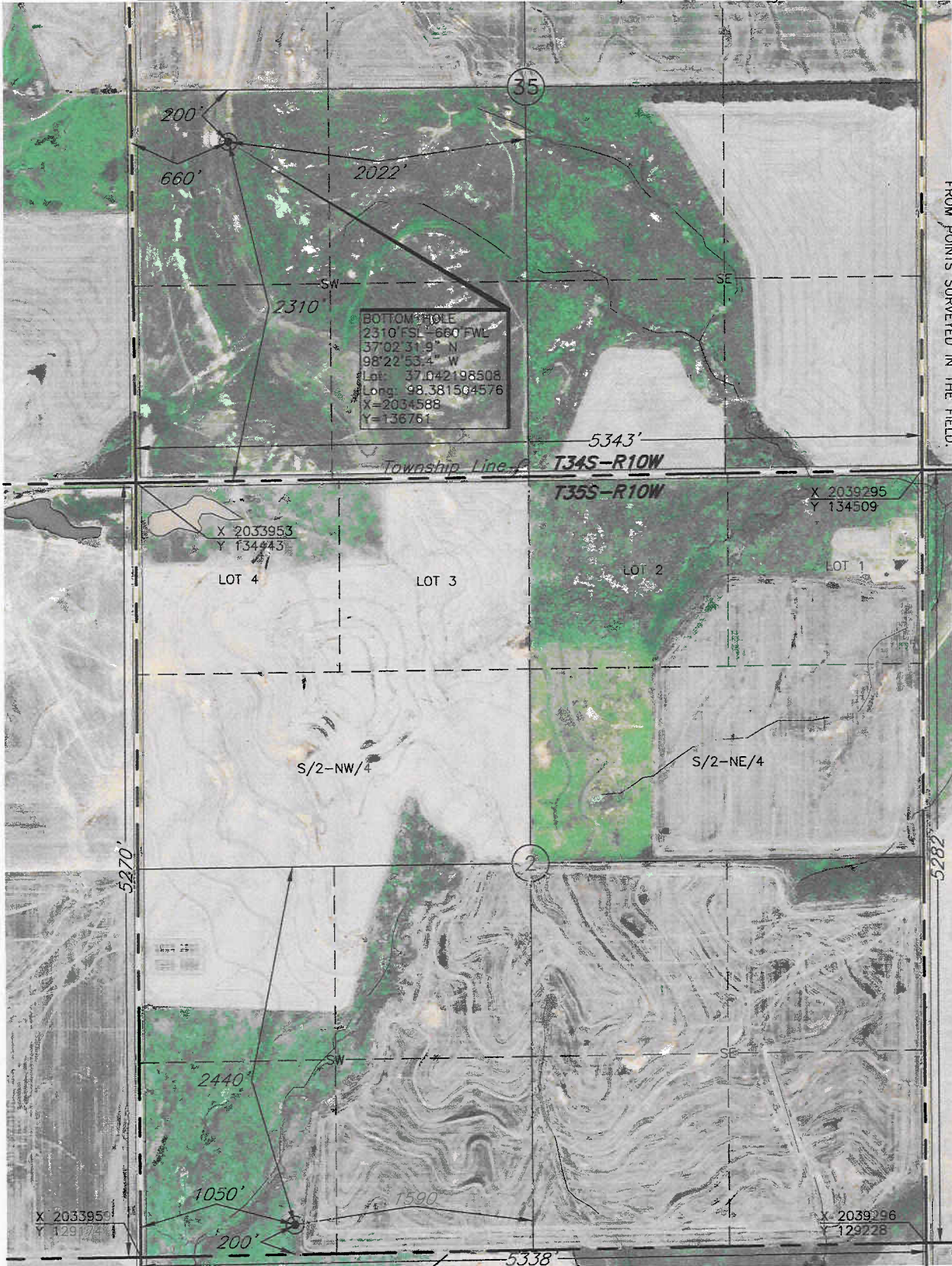


**TOPOGRAPHIC LAND SURVEYORS**

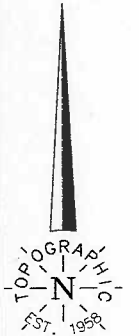
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
 Certificate of Authorization No. LS-99, Exp. Dec 31, 2011

BARBER County, Kansas

200'FSL - 1050'FWL Section 2 Township 35S Range 10W P.M.



BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED. 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 plat and notify us immediately of any possible discrepancy.

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Operator: SANDRIDGE ENERGY, INC.  
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Well No.: 1-2H **ELEVATION:** 1313' Gr. at Stake

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

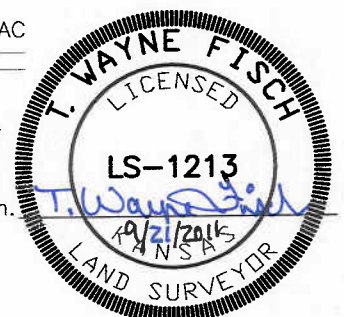
Date of Drawing: Sep. 21, 2011  
 Invoice # 172121 Date Staked: Sep. 20, 2011 AC

GPS DATUM: NAD-27  
 LAT: 37°01'19.0"N  
 LONG: 98°22'48.4"W  
 LAT: 37.021936826  
 LONG: 98.380101621  
 STATE PLANE COORDINATES:  
 ZONE: KS SOUTH  
 X: 2035007  
 Y: 129384

**CERTIFICATE:**

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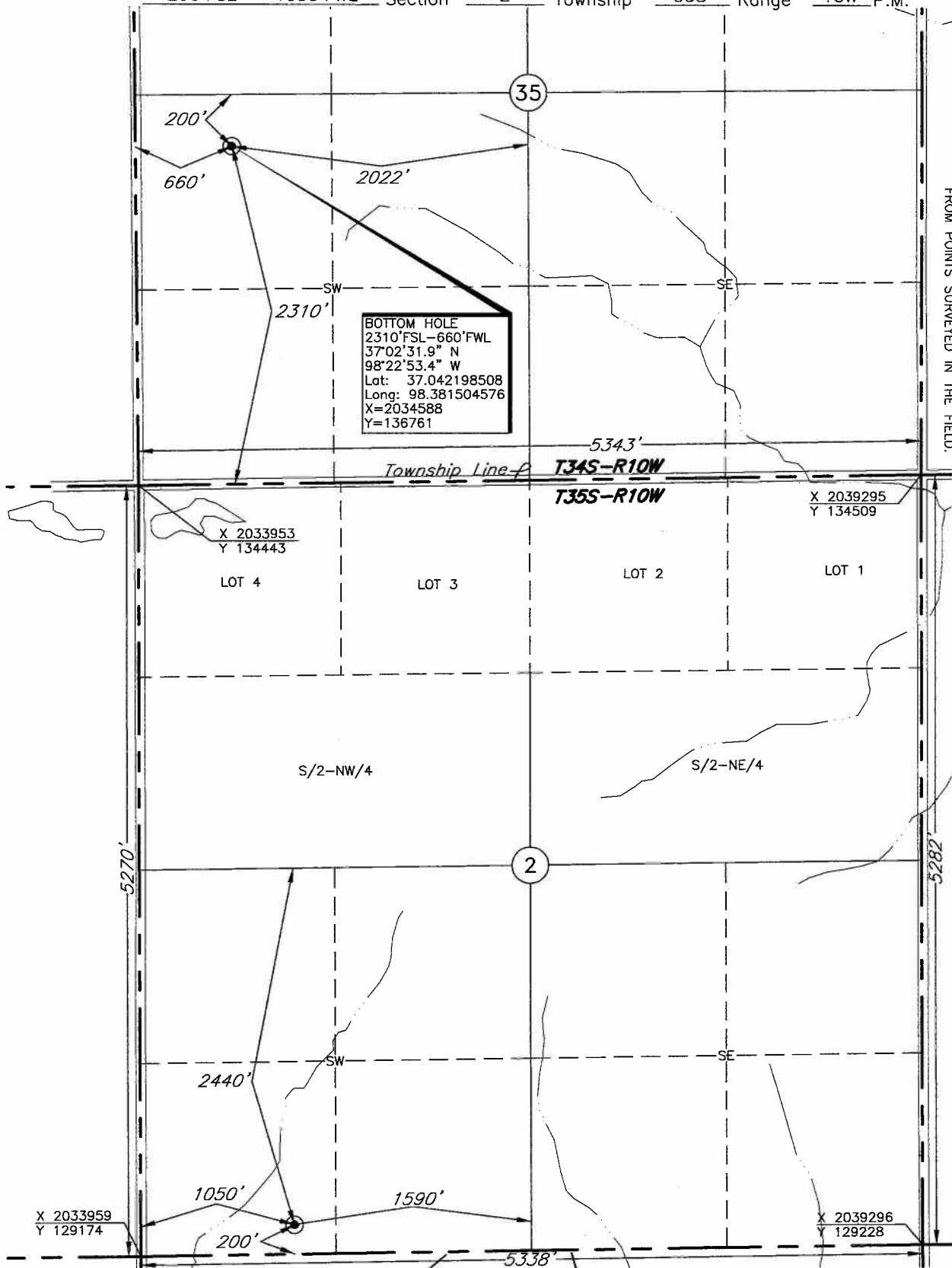
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BARBER

County, Kansas

200'FSL - 1050'FWL Section 2 Township 35S Range 10W P.M.



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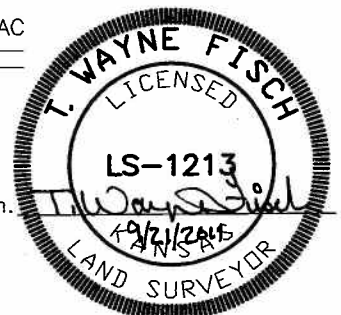
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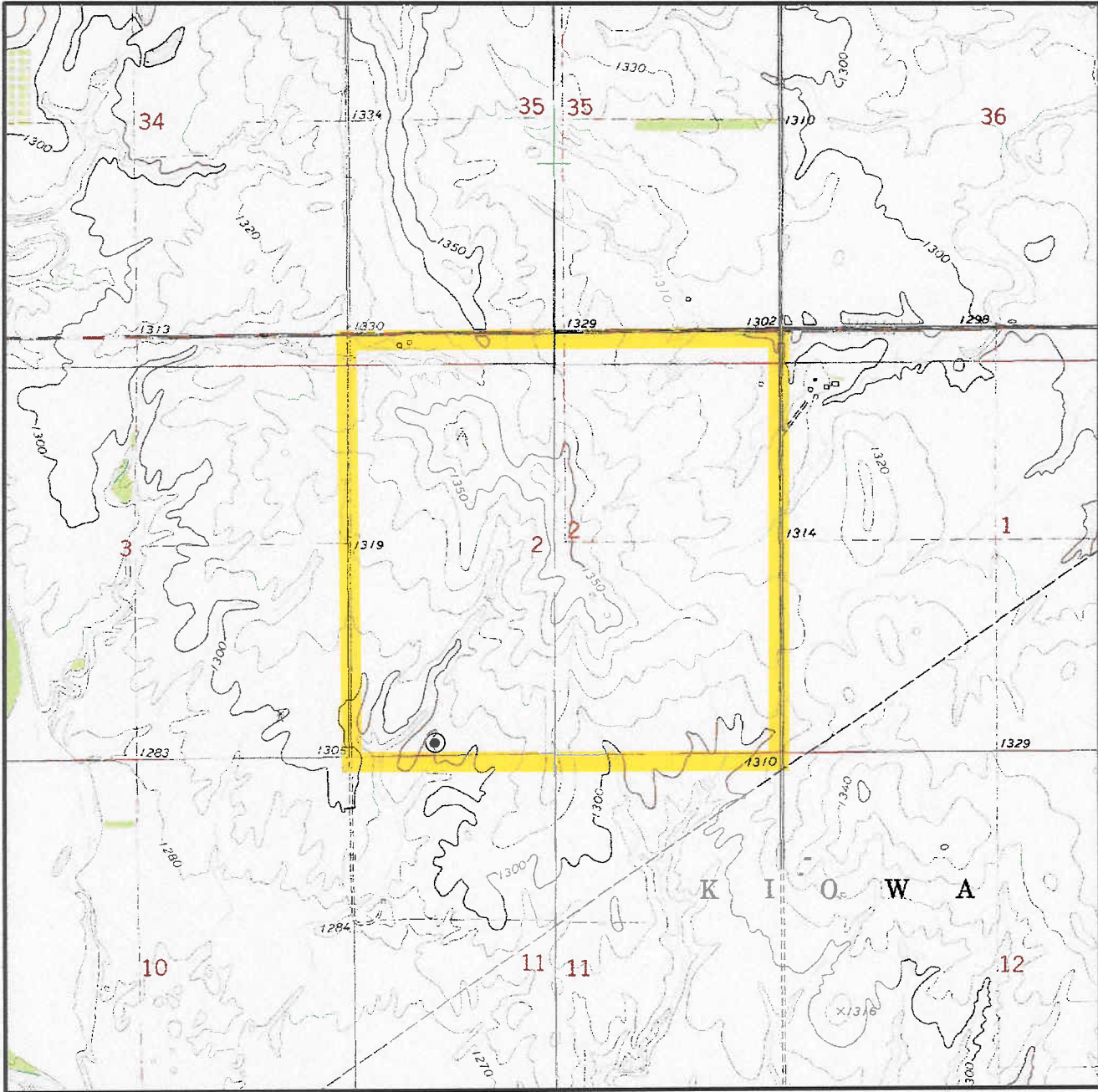
Kansas Reg. No. 1213



# 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. 2 Twp. 35S Rng. 10W

County BARBER State KS

Operator SANDRIDGE ENERGY, INC.

Description 200'FSL - 1050'FWL

Lease LORI 1-2H

Elevation 1313' Gr. at Stake

U.S.G.S. Topographic  
Quadrangle Map KIOWA, 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

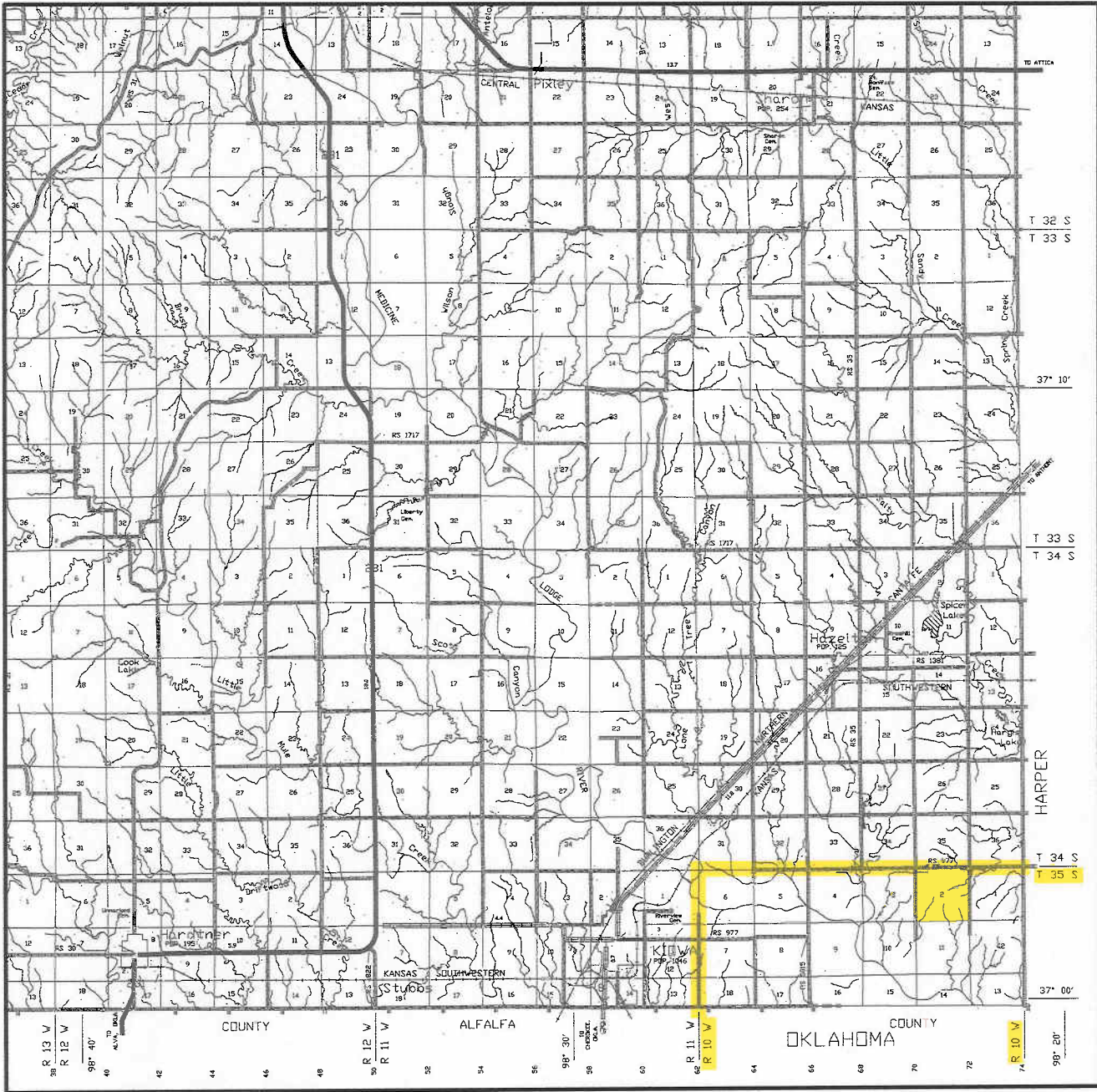
Sep. 20, 2011



# 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

## VICINITY MAP



Scale: 1" = 3 Miles

Sec. 2 Twp. 35S Rng. 10W

County BARBER State KS

Operator SANDRIDGE ENERGY, INC.

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



October 18, 2011

Lori Schrock c/o Lori and Robert Schrock  
1704 S. 7<sup>th</sup> 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 Act (House Bill 2032). If you have any questions, please contact us.

Sincerely,

Karen Sharp  
Sr. Regulatory Analyst

/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**

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Select the corresponding form being filed:  C-1 (Intent)  CB-1 (Cathodic Protection Borehole Intent)  T-1 (Transfer)  CP-1 (Plugging Application)

OPERATOR: License # 34192  
Name: SandRidge Exploration and Production LLC  
Address 1: 123 ROBERT S. KERR AVE  
Address 2: \_\_\_\_\_  
City: OKLAHOMA CITY State: OK Zip: 73102 + 6406  
Contact Person: Karen Sharp  
Phone: ( 405 ) 429-5745 Fax: ( 405 ) 429-6011  
Email Address: \_\_\_\_\_

Well Location: S2 S2 SW SW Sec. 02 Twp. 35 S. R. 10  East  West  
County: Barber  
Lease Name: Lori Well #: 1-2H

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

**Surface Owner Information:**

Name: Lori Schrock c/o Lori and Robert Schrock  
Address 1: 1704 S. 7th St  
Address 2: \_\_\_\_\_  
City: Kiowa State: KS Zip: 67070

*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.*

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- 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 hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Date: 10/18/11 Signature of Operator or Agent: Karen Sharp Title: \_\_\_\_\_

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: 11/01/2011  
month day year

Spot Description: \_\_\_\_\_  
 S2 - S2 - SW - SW Sec. 02 Twp. 35 S. R. 10  E  W  
(Q/Q/Q/Q)  
200 feet from  N /  S Line of Section  
660 feet from  E /  W Line of Section

OPERATOR: License# 34192  
 Name: SandRidge Exploration and Production LLC  
 Address 1: 123 ROBERT S. KERR AVE  
 Address 2: \_\_\_\_\_  
 City: OKLAHOMA CITY State: OK Zip: 73102 + 6406  
 Contact Person: Gil Messersmith  
 Phone: 405-429-5773

Is SECTION:  Regular  Irregular?

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

CONTRACTOR: License# 34464  
 Name: Lariat Services, Inc.

County: Barber  
 Lease Name: Lori Well #: 1-2H  
 Field Name: Wildcat

Is this a Prorated / Spaced Field?  Yes  No

Target Formation(s): Mississippi

Nearest Lease or unit boundary line (in footage): 330

Ground Surface Elevation: 1296 Estimated Estimated \_\_\_\_\_ 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: 100

Depth to bottom of usable water: 180

Surface Pipe by Alternate:  I  II

Length of Surface Pipe Planned to be set: 900

Length of Conductor Pipe (if any): \_\_\_\_\_

Projected Total Depth: 12000

Formation at Total Depth: Mississippi

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: \_\_\_\_\_

Well Drilled For:  Oil  Gas  Enh Rec  Storage  Disposal  Seismic; # of Holes \_\_\_\_\_  Other: \_\_\_\_\_  
 Well Class:  Infield  Pool Ext.  Wildcat  Other \_\_\_\_\_  
 Type Equipment:  Mud Rotary  Air Rotary  Cable

Operator: \_\_\_\_\_  
 Well Name: \_\_\_\_\_  
 Original Completion Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Directional, Deviated or Horizontal wellbore?  Yes  No

If Yes, true vertical depth: 3777

Bottom Hole Location: 2810' FSL, 660' EWL OF SW4, SEC 35, T34S, R10W

KCC DKT #: \_\_\_\_\_

**Top of salt @ appr. 1000'. Max. surface casing 900'.**

**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.

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: \_\_\_\_\_

**For KCC Use ONLY**

API # 15 - \_\_\_\_\_

Conductor pipe required 0 feet

Minimum surface pipe required 200 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: \_\_\_\_\_

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  
 Lease: Lori  
 Well Number: 1-2H  
 Field: Wildcat  
 Number of Acres attributable to well: \_\_\_\_\_  
 QTR/QTR/QTR/QTR of acreage: S2 - S2 - SW - SW

Location of Well: County: Barber  
 200 feet from  N /  S Line of Section  
 660 feet from  E /  W Line of Section  
 Sec. 02 Twp. 35 S. R. 10  E  W

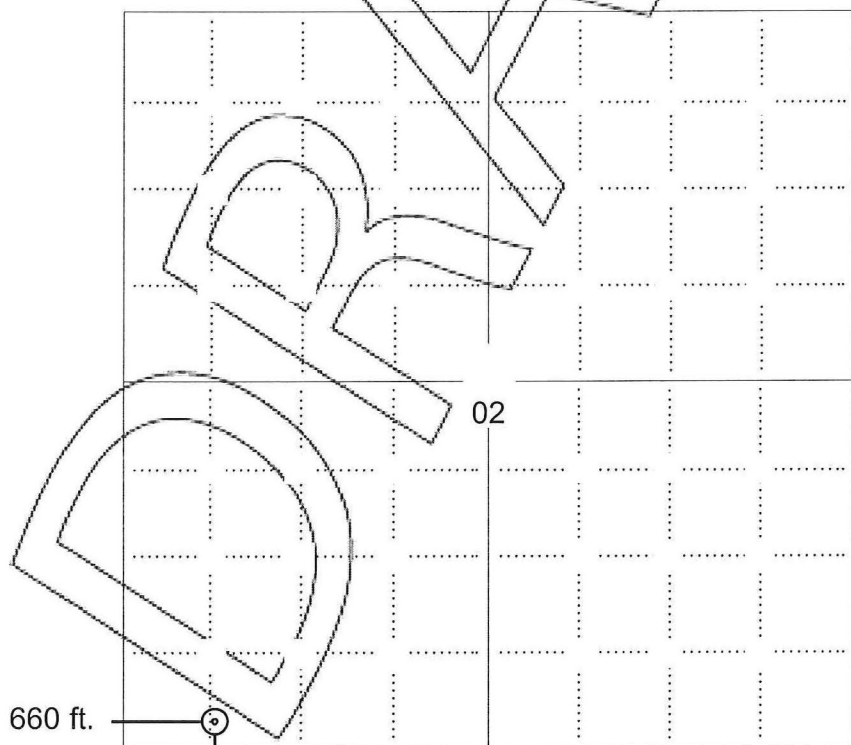
Is Section:  Regular or  Irregular

If Section is Irregular, locate well from nearest corner boundary.

Section corner used:  NE  NW  SE  SW

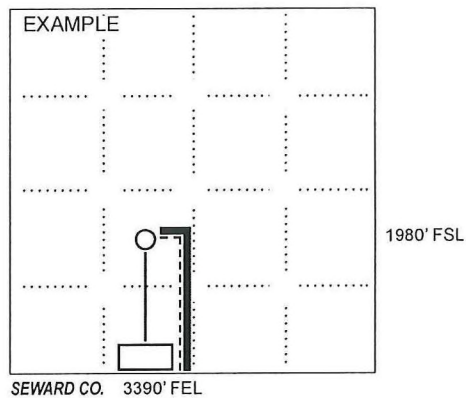
**PLAT**

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 location.

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: (CO-7 for oil wells; CG-8 for gas wells).
5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

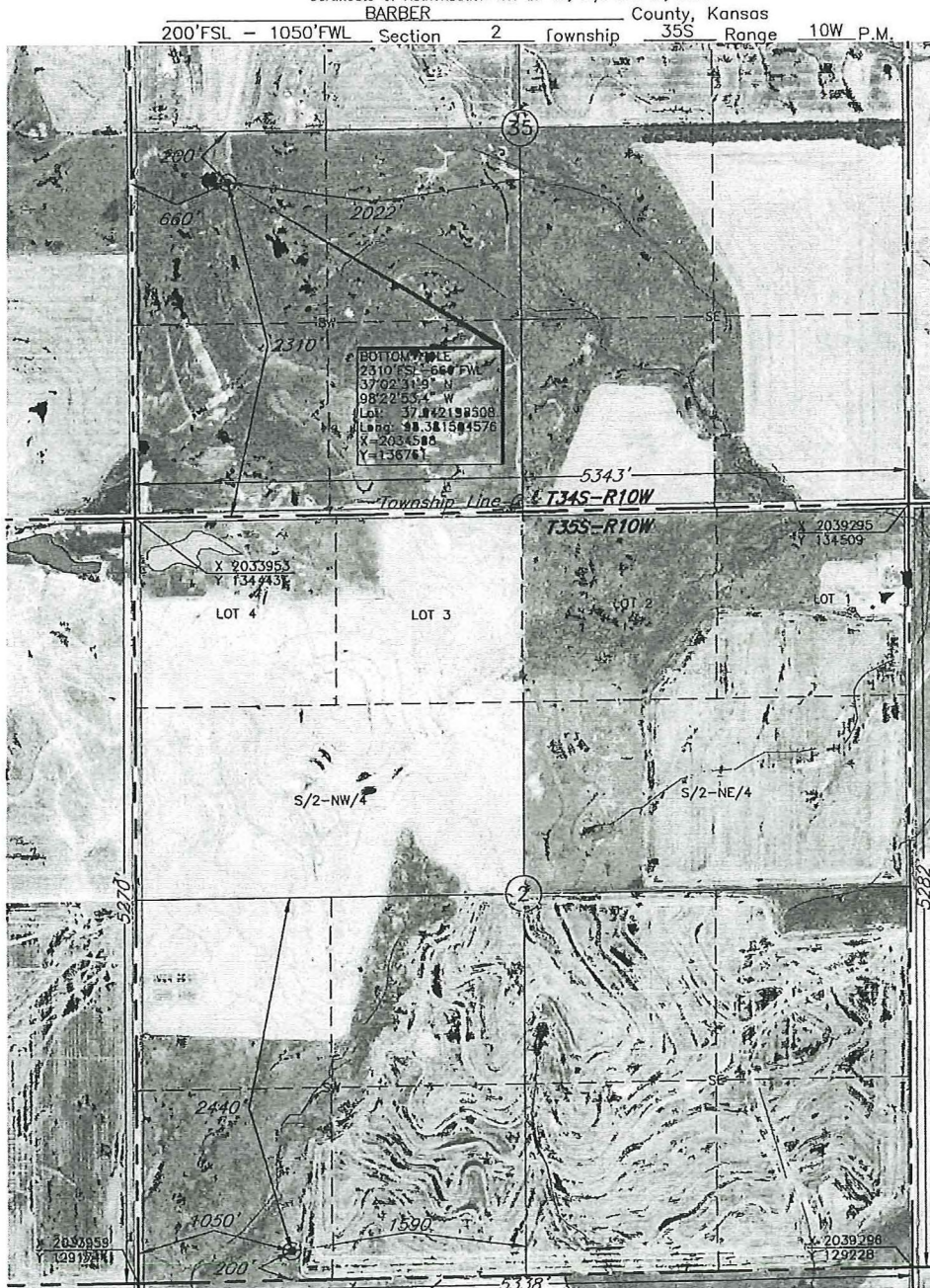
**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
APPLICATION FOR SURFACE PIT**

Form CDP-1  
May 2010  
Form must be Typed

*Submit in Duplicate*

Operator Name: <b>SandRidge Exploration and Production LLC</b>		License Number: <b>34192</b>
Operator Address: <b>123 ROBERT S. KERR AVE</b>		<b>OKLAHOMA CITY OK 73102</b>
Contact Person: <b>Gil Messersmith</b>		Phone Number: <b>405-429-5773</b>
Lease Name & Well No.: <b>Lori 1-2H</b>		Pit Location (QQQQ): <b>S2 - S2 - SW - SW</b>
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input checked="" type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <small>(If WP Supply API No. or Year Drilled)</small>	Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: <b>5343</b> (bbls)	Sec. <b>02</b> Twp. <b>35</b> R. <b>10</b> <input type="checkbox"/> East <input checked="" type="checkbox"/> West <b>200</b> Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section <b>660</b> Feet from <input type="checkbox"/> East / <input checked="" type="checkbox"/> West Line of Section <b>Barber</b> County
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Chloride concentration: _____ mg/l <small>(For Emergency Pits and Settling Pits only)</small>
Is the bottom below ground level? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		How is the pit lined if a plastic liner is not used? <b>Bentonite</b>
Artificial Liner? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Pit dimensions (all but working pits): <u>100</u> Length (feet) <u>50</u> Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: <u>6</u> (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: <u>NA</u> 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: <u>mud &amp; cuttings</u> Number of working pits to be utilized: <u>1</u> Abandonment procedure: <u>remove free fluids, let dry; backfill</u> Drill pits must be closed within 365 days of spud date.
I hereby certify that the above statements are true and correct to the best of my knowledge and belief.		
_____ Date	_____ Signature of Applicant or Agent	

<b>KCC OFFICE USE ONLY</b>		<input type="checkbox"/> Liner <input type="checkbox"/> Steel Pit <input type="checkbox"/> RFAC <input type="checkbox"/> RFAS
Date Received: <u>10/18/2011</u>	Permit Number: _____	Permit Date: _____ Lease Inspection: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



BOTTOM HOLE INFORMATION PROVIDED  
 BY OPERATOR LISTED. 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 plat and notify us immediately of any possible discrepancy.

Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, and have not been measured.

Operator: SANDRIDGE ENERGY, INC.  
 Lease Name: LORI

Well No.: 1-2H  
**ELEVATION:**  
 1313' Gr. at Stake

Topography & Vegetation Loc. fell in sloped pasture

Good Drill Site?  Yes

Reference Stakes or Alternate Location  
 Stakes Set  None

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.)

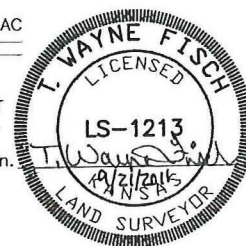
GPS  
 DATUM: NAD-27  
 LAT: 37°01'19.0"N  
 LONG: 98°22'48.4"W  
 LAT: 37.021936826  
 LONG: 98.380101621  
 STATE PLANE COORDINATES:  
 ZONE: KS SOUTH  
 X: 2035007  
 Y: 129384

Date of Drawing: Sep. 21, 2011  
 Invoice # 172121 Date Staked: Sep. 20, 2011 AC

**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.

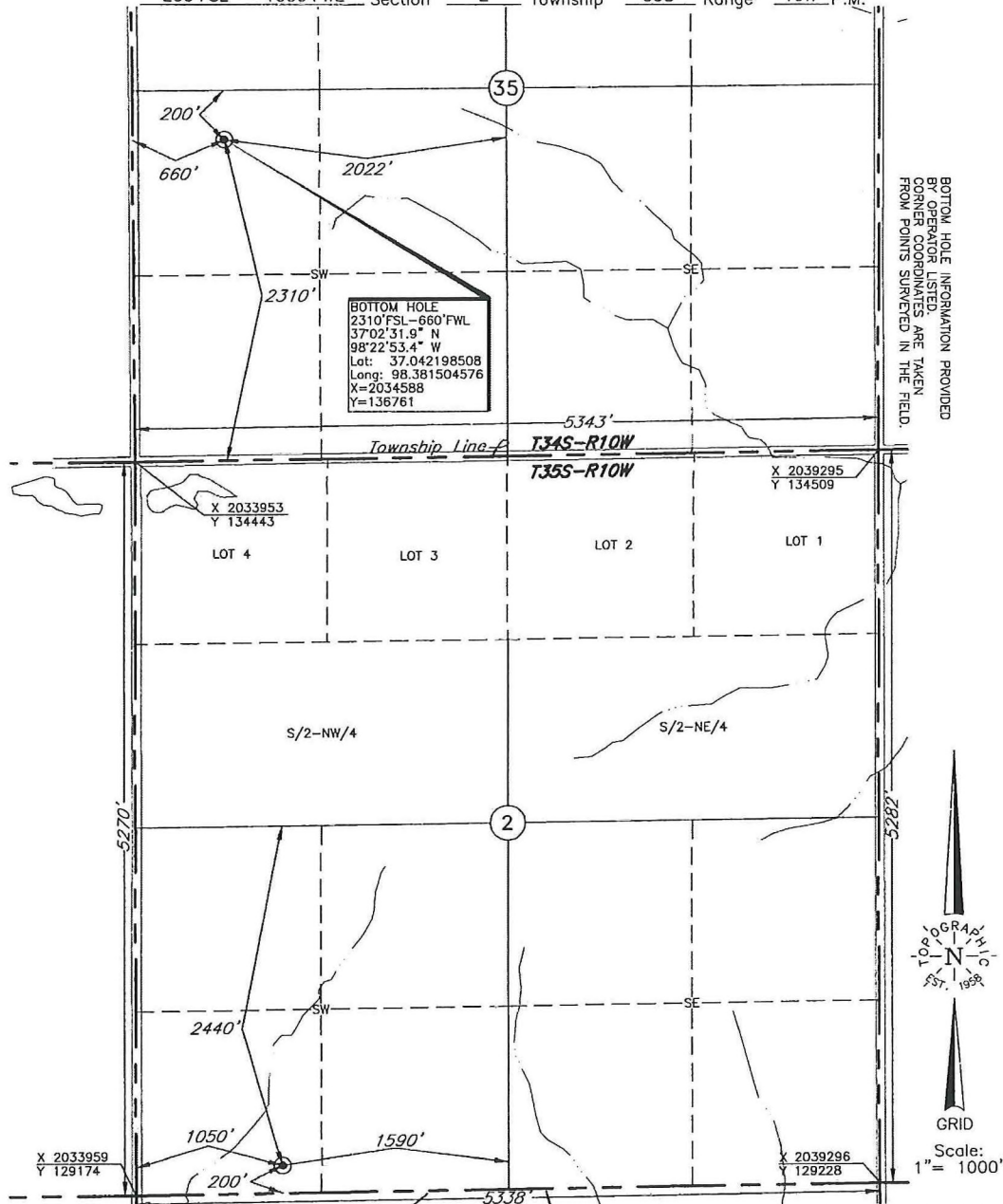
Kansas Reg. No. 1213



BARBER

County, Kansas

200' FSL - 1050' FWL Section 2 Township 35S Range 10W P.M.



BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED. 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.

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Operator: SANDRIDGE ENERGY, INC.  
 Lease Name: LORI

**ELEVATION:**  
 1313' Gr. at Stake

Well No.: 1-2H

Topography & Vegetation Loc. fell in sloped pasture

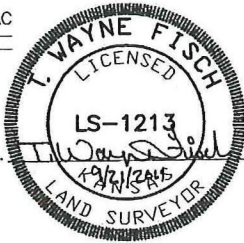
Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

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

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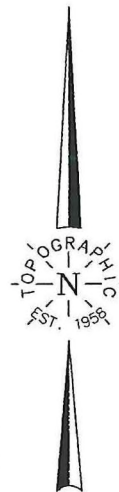
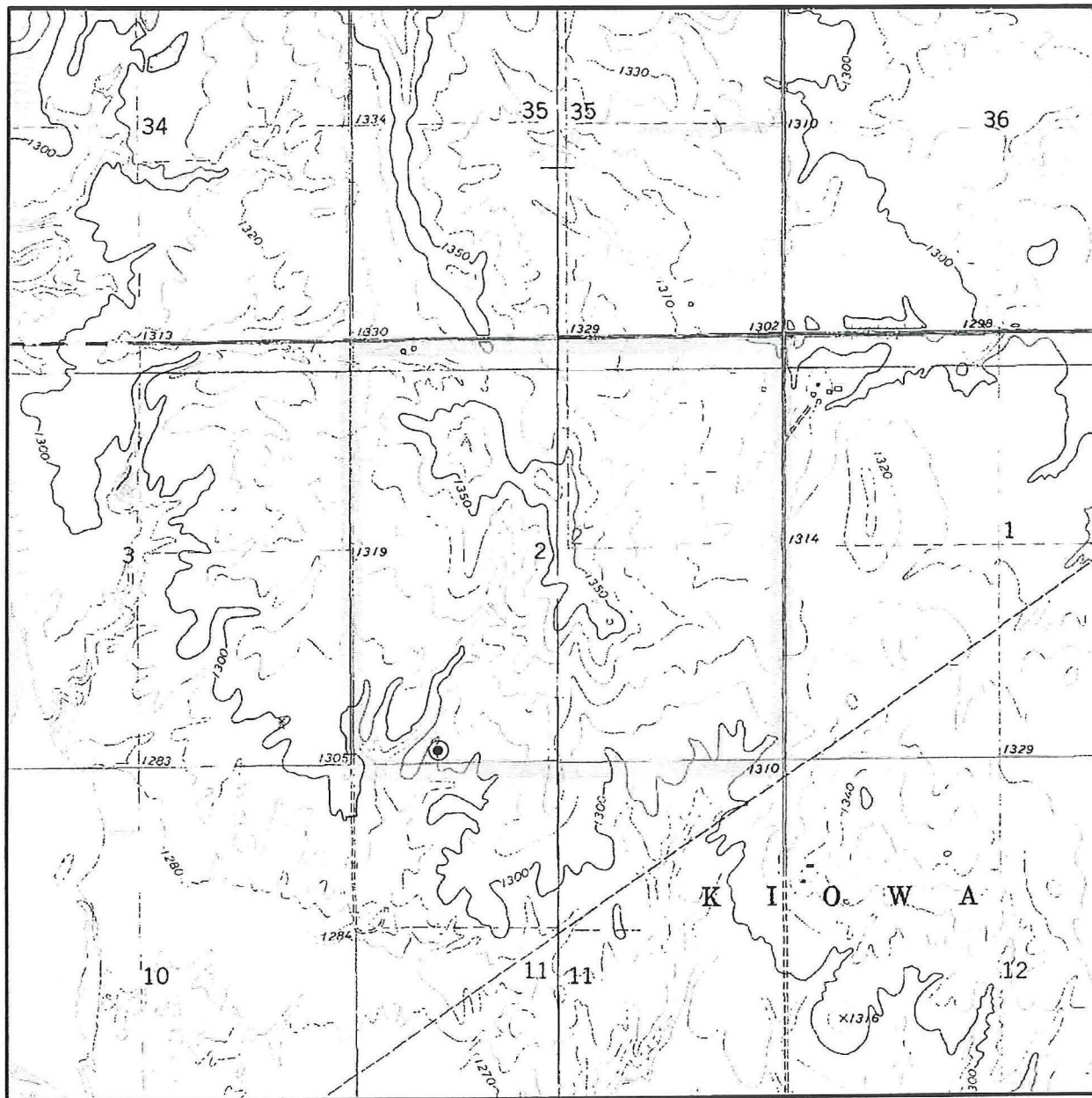




# TOPOGRAPHIC LAND SURVEYORS

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. 2 Twp. 35S Rng. 10W

County BARBER State KS

Operator SANDRIDGE ENERGY, INC.

Description 200'FSL - 1050'FWL

Lease LORI 1-2H

Elevation 1313' Gr. at Stake

U.S.G.S. Topographic  
 Quadrangle Map KIOWA, 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.

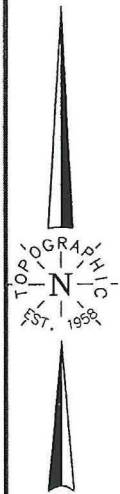
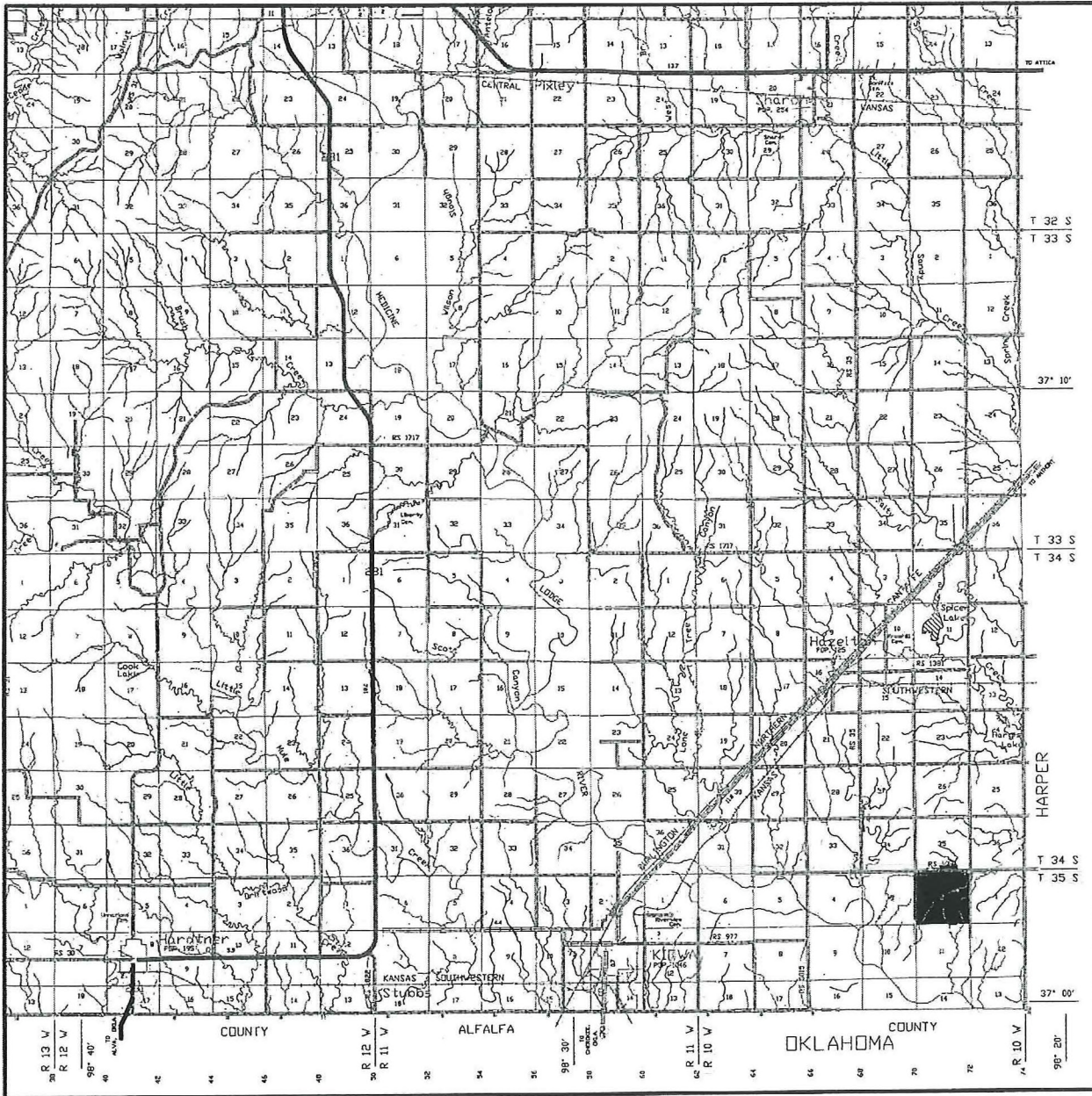
**TOPOGRAPHIC**  
 SURVEYING • MAPPING • GIS • GPS

Sep. 20, 2011

# 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

## VICINITY MAP



Scale: 1" = 3 Miles

Sec. 2 Twp. 35S Rng. 10W

County BARBER State KS

Operator SANDRIDGE ENERGY, INC.

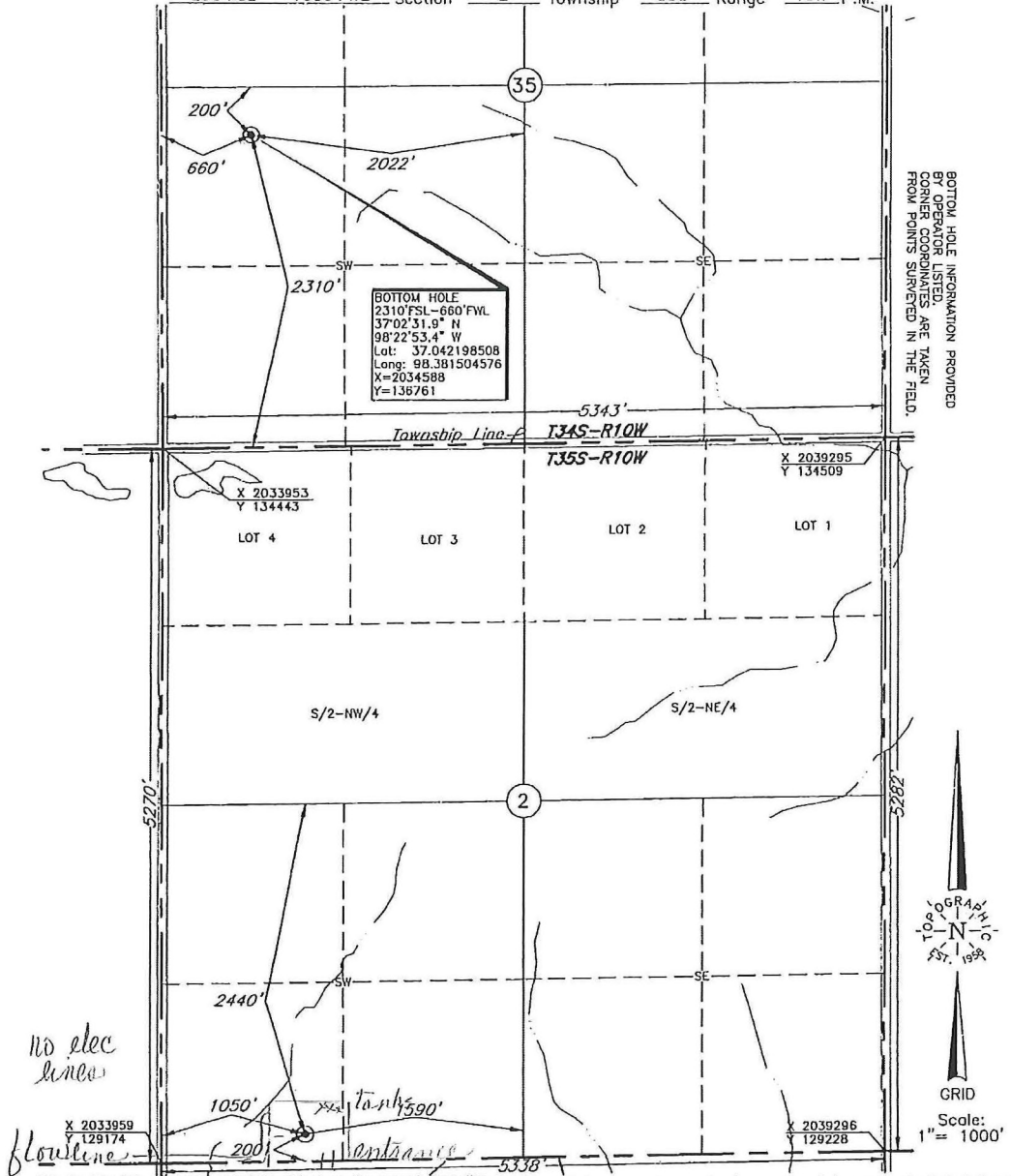
**TOPOGRAPHIC**  
 SURVEYING • MAPPING • GIS • GPS

**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 Section 2 Township 35S Range 10W P.M.



BOTTOM HOLE INFORMATION PROVIDED  
 BY OPERATOR LISTED  
 DISTANCES SHOWN ARE TAKEN  
 FROM POINTS SURVEYED IN THE FIELD.



*no elec lines*  
*flowline*

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(The following information was gathered using a GPS receiver Accuracy ±2-3 Meters.)  
 GPS  
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 LAT: 37°01'19.0\"/>

Invoice # 172121 Date of Drawing: Sep. 21, 2011  
 Date Staked: Sep. 20, 2011 AC

**CERTIFICATE:**

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Kansas Reg. No. 1213



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.