



1069984

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

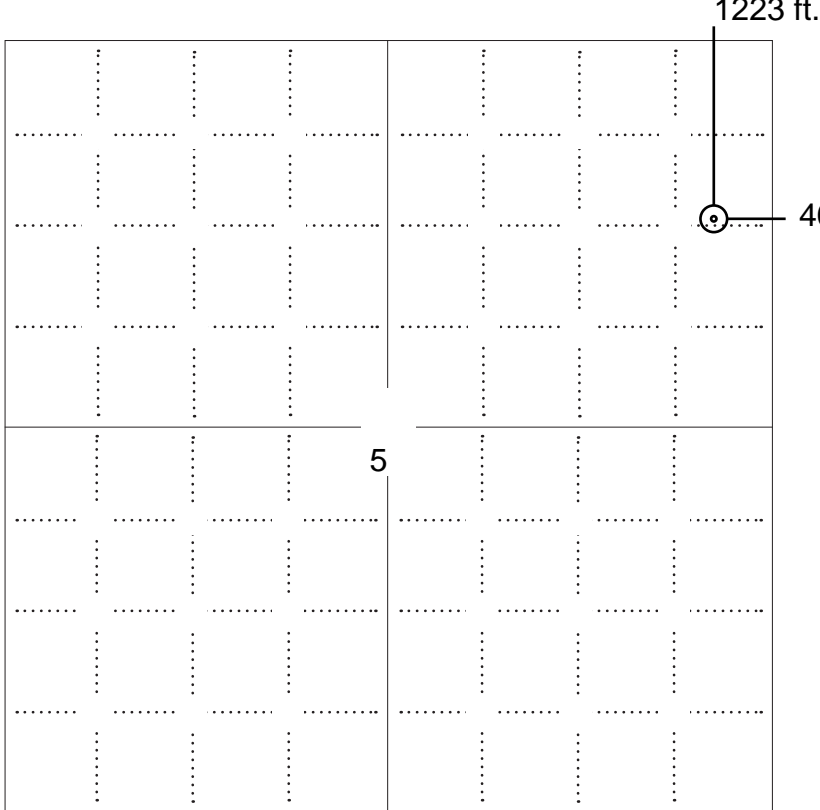
If Section is Irregular, locate well from nearest corner boundary.

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 1069984
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	
Emergency, Settling and Burn Pits ONLY: 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		Drilling, Workover and Haul-Off Pits ONLY: 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>Submitted Electronically</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:

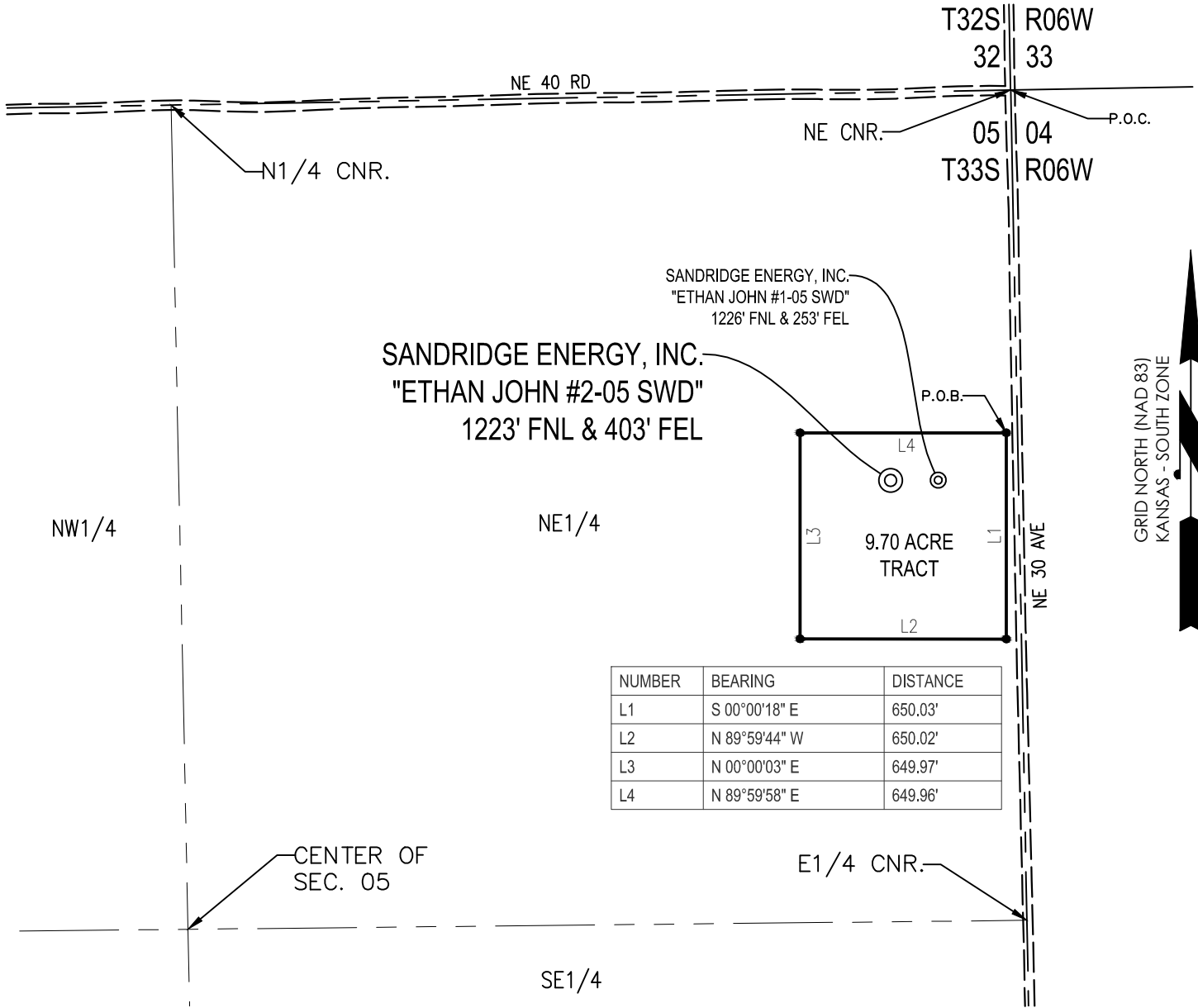
- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this 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

I

T 33 S - R 06 W



PLAT SHOWING
**9.70 ACRE TRACT OF LAND IN THE
 NE1/4 OF SECTION 05, T33S-R06W,
 HARPER COUNTY, KANSAS**

METES AND BOUNDS DESCRIPTION (9.70 ACRE TRACT)

PART OF THE NE1/4 OF SECTION 05, TOWNSHIP 33 SOUTH, RANGE 06 WEST, HARPER COUNTY, KANSAS, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NE CORNER OF SAID SECTION 05;
 THENCE S 01°06'46" E ALONG THE EAST LINE OF SAID SECTION 05, A DISTANCE OF 1079.63 FEET;
 THENCE S 88°53'14" W, A DISTANCE OF 34.96 FEET TO THE POINT OF BEGINNING;
 THENCE S 00°00'18" E, A DISTANCE OF 650.03 FEET;
 THENCE N 89°59'44" W, A DISTANCE OF 650.02 FEET;
 THENCE N 00°00'03" E, A DISTANCE OF 649.97 FEET;
 THENCE N 89°59'58" E, A DISTANCE OF 649.96 FEET TO THE POINT OF BEGINNING.

SAID TRACT CONTAINING 9.70 ACRES OF LAND AS SURVEYED.

SURVEYOR'S CERTIFICATE:

I, C. ED GRAY, KANSAS LICENSED PROFESSIONAL LAND SURVEYOR, NO. 1404, DO HEREBY CERTIFY THAT THIS PLAT REPRESENTS THE RESULTS OF A SURVEY MADE ON THE GROUND UNDER MY SUPERVISION.

GENERAL NOTES:

THE TIES AND FOOTAGES SHOWN ON THIS PLAT ARE FROM LINES OF OCCUPATION FROM A SURVEY MADE ON THE GROUND AND / OR BEARING AND DISTANCES FROM THE GENERAL LAND OFFICE PLAT OF THE AREA SHOWN AND MAY NOT BE THE ACTUAL PROPERTY CORNERS. THIS PLAT **DOES NOT** REPRESENT A TRUE BOUNDARY SURVEY.



12/5/2011

GRAPHIC SCALE IN FEET

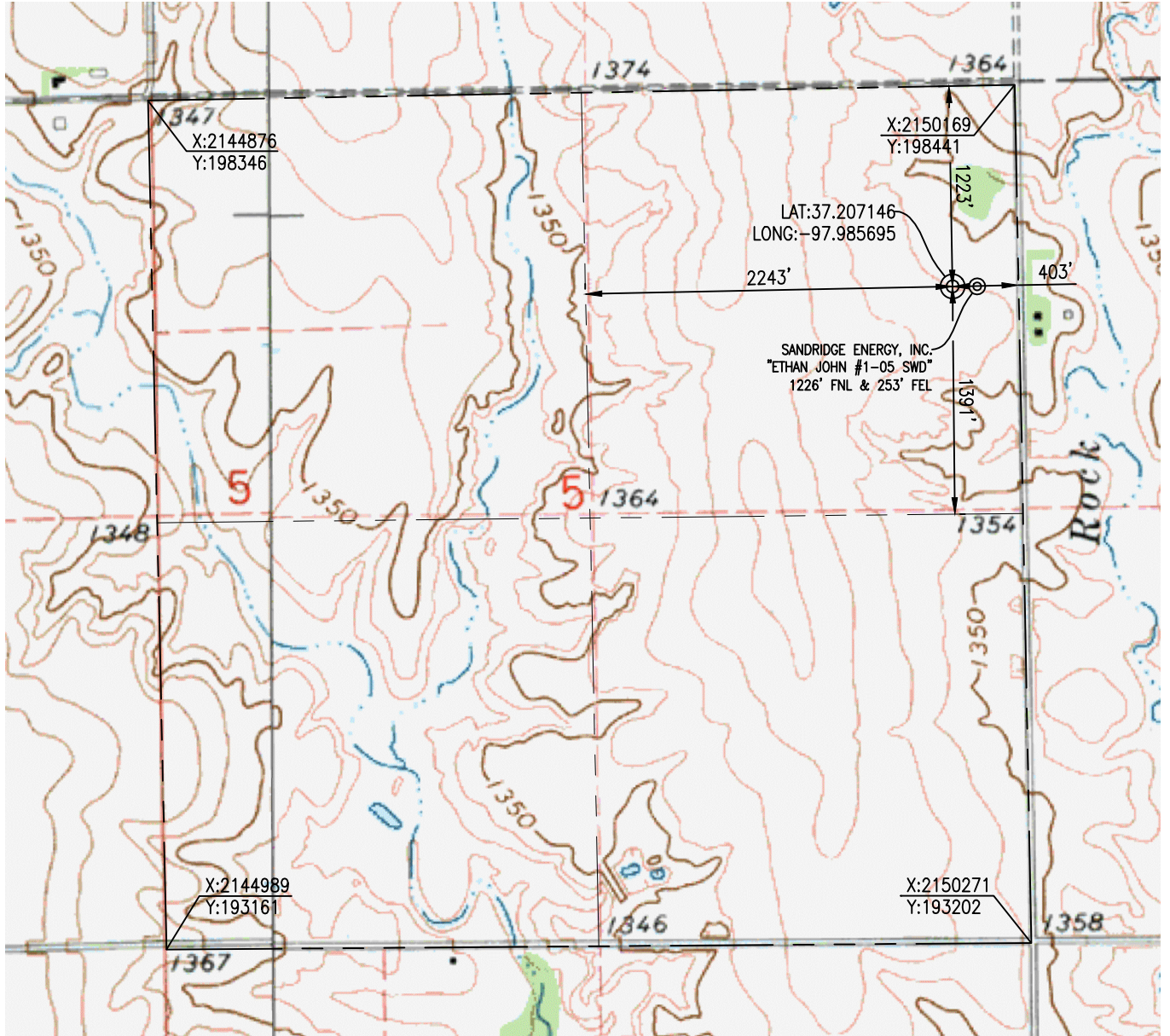


REVISION	SandRidge		
	"ETHAN JOHN #2-05 SWD" PART OF THE NE1/4 OF SECTION 05, T-33-S, R-06-W PROPOSED DRILL SITE HARPER COUNTY, KANSAS		
	SCALE: 1" = 500'	DRAWN BY: S.ANDER	SHEET NO.: 1 OF 1
	PLOT DATE: 12-05-2011		



Crafton Tull
 SURVEYING

HARPER COUNTY, KANSAS
 1223' FNL- 403' FEL SECTION 05 TOWNSHIP 33S RANGE 06W 6TH P.M.



OPERATOR: SANDRIDGE ENERGY, INC.

WELL NO: #2-05 SWD

ELEVATION:
 1363' GR. AT STAKE

LEASE NAME: ETHAN JOHN

TOPOGRAPHIC & VEGETATION: LOCATION FELL IN A FIELD

REFERENCE STAKES OR ALTERNATE LOCATION
 STAKES SET: NONE

GOOD DRILL SITE: YES

BEST ACCESSIBILITY TO LOCATION: EAST LINE

DISTANCE & DIRECTION

FROM HWY JCT OR TOWN: FROM THE JCT. OF KS-44 & KS-2 (ANTHONY, KS), TRAVEL NORTH ON
 KS-2 FOR ±4.0 MILES, TURN RIGHT (EAST) ON NE 40 RD & TRAVEL ±3.0 MILES TO THE NE
 CORNER OF SECTION 05, T33S-R06W.

(THE FOLLOWING
 INFORMATION WAS
 GATHERED USING A GPS
 RECEIVER ACCURACY ±2-3
 METERS)

GPS
 DATUM: NAD-27
 LAT: 37.207146
 LONG: -97.985695

STATE PLANE
 COORDINATES:
 ZONE: KS-SOUTH
 X: 2149790.024
 Y: 197211.127

SURVEYOR'S CERTIFICATE:

DATE STAKED: 12-02-11

I, C. ED GRAY, KANSAS LICENSED PROFESSIONAL LAND SURVEYOR, NO. 1404, DO HEREBY
 CERTIFY THAT THIS PLAT REPRESENTS THE RESULTS OF A SURVEY MADE ON THE GROUND UNDER MY
 SUPERVISION.

GENERAL NOTES:

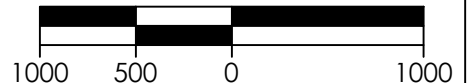
THE TIES AND FOOTAGES SHOWN ON THIS PLAT ARE FROM LINES OF OCCUPATION FROM A
 SURVEY MADE ON THE GROUND AND / OR BEARING AND DISTANCES FROM THE GENERAL LAND
 OFFICE PLAT OF THE AREA SHOWN AND MAY NOT BE THE ACTUAL PROPERTY CORNERS. THIS PLAT
 DOES NOT REPRESENT A TRUE BOUNDARY SURVEY.

DISTANCES SHOWN IN (PARENTHESIS) ARE
 CALCULATED BASED UPON THE QUARTER
 SECTION BEING 2640 FEET, THOSE SHOWN IN
 [BRACKETS] ARE BASED ON GLO (GENERAL
 LAND OFFICE) DISTANCES AND HAVE NOT
 BEEN MEASURED.



12/5/2011

GRAPHIC SCALE IN FEET

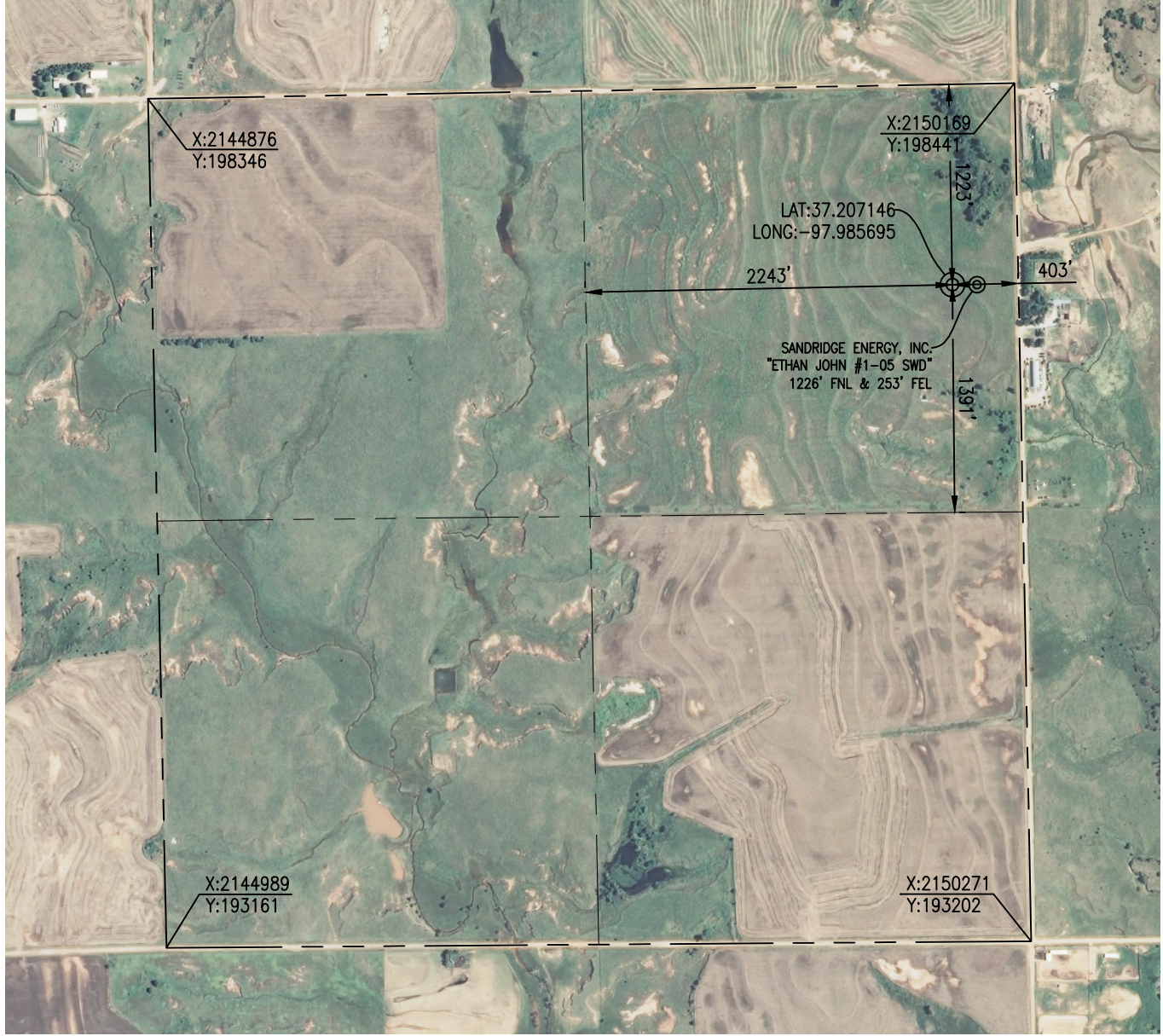


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	SCALE: 1" = 1000'	DRAWN BY: S.ANDER	SHEET NO.: 1 OF 3
	PLOT DATE: 12-05-2011		



Crafton Tull
 SURVEYING

HARPER COUNTY, KANSAS
 1223' FNL- 403' FEL SECTION 05 TOWNSHIP 33S RANGE 06W 6TH P.M.



ELEVATION:
 1363' GR. AT STAKE

OPERATOR: SANDRIDGE ENERGY, INC. **WELL NO:** #2-05 SWD

LEASE NAME: ETHAN JOHN

TOPOGRAPHIC & VEGETATION: LOCATION FELL IN A FIELD

GOOD DRILL SITE: YES **REFERENCE STAKES OR ALTERNATE LOCATION STAKES SET:** NONE

BEST ACCESSIBILITY TO LOCATION: EAST LINE

DISTANCES SHOWN IN (PARENTESIS) ARE CALCULATED BASED UPON THE QUARTER SECTION BEING 2640 FEET, THOSE SHOWN IN [BRACKETS] ARE BASED ON GLO (GENERAL LAND OFFICE) DISTANCES AND HAVE NOT BEEN MEASURED.

DISTANCE & DIRECTION
FROM HWY JCT OR TOWN: FROM THE JCT. OF KS-44 & KS-2 (ANTHONY, KS), TRAVEL NORTH ON KS-2 FOR ±4.0 MILES, TURN RIGHT (EAST) ON NE 40 RD & TRAVEL ±3.0 MILES TO THE NE CORNER OF SECTION 05, T33S-R06W.

(THE FOLLOWING INFORMATION WAS GATHERED USING A GPS RECEIVER ACCURACY ±2-3 METERS)

GPS DATUM: NAD-27	STATE PLANE COORDINATES:
LAT: 37.207146	ZONE: KS-SOUTH
LONG: -97.985695	X: 2149790.024
	Y: 197211.127

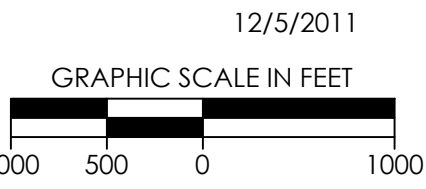


SURVEYOR'S CERTIFICATE: DATE STAKED: 12-02-11

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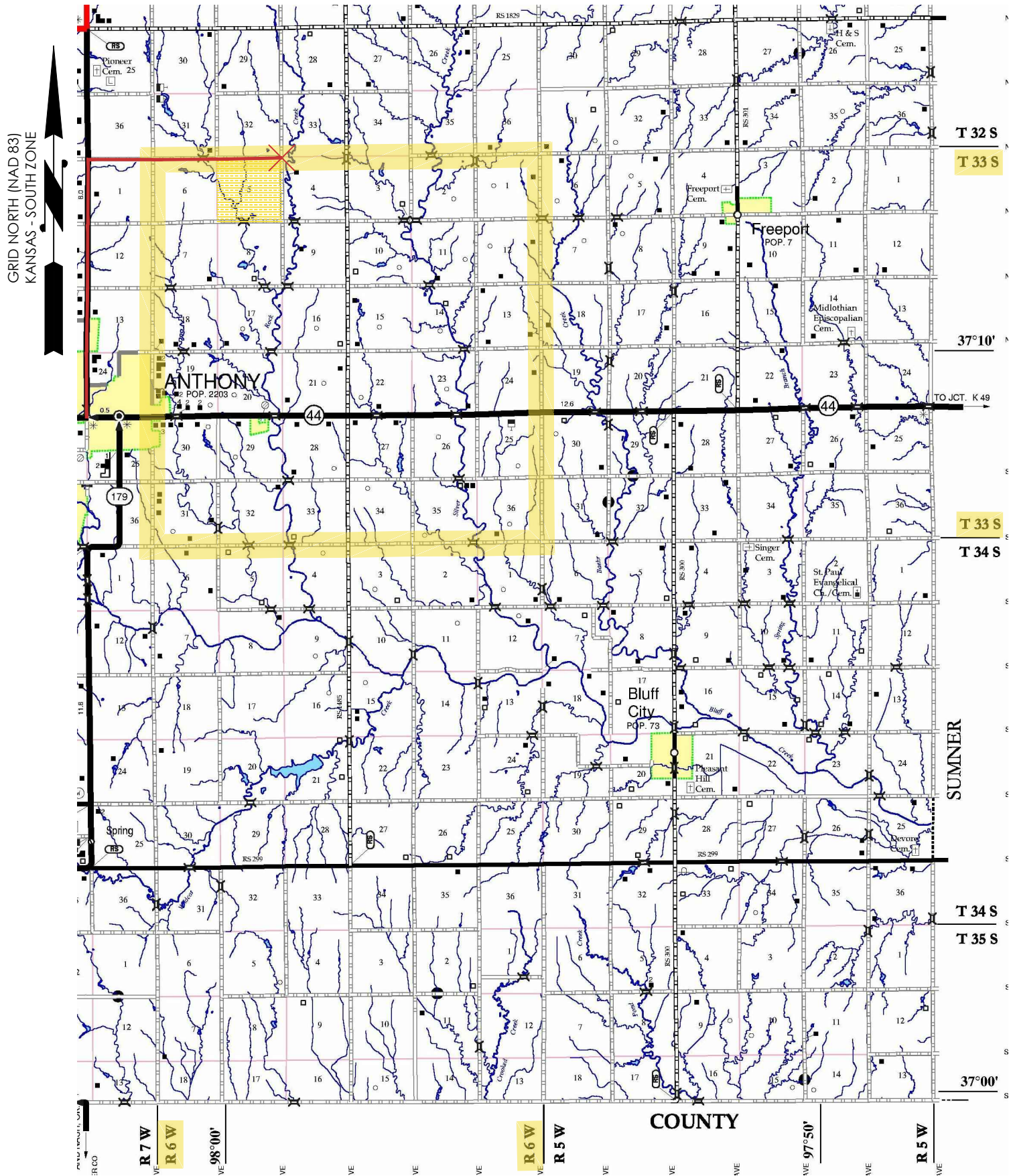


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	SCALE: 1" = 1000'	DRAWN BY: S.ANDER	SHEET NO.: 2 OF 3
	PLOT DATE: 12-05-2011		



Crafton Tull
 SURVEYING

VICINITY MAP



SEC. 05 TWP. 33S RNG. 06W

COUNTY: HARPER STATE: KS

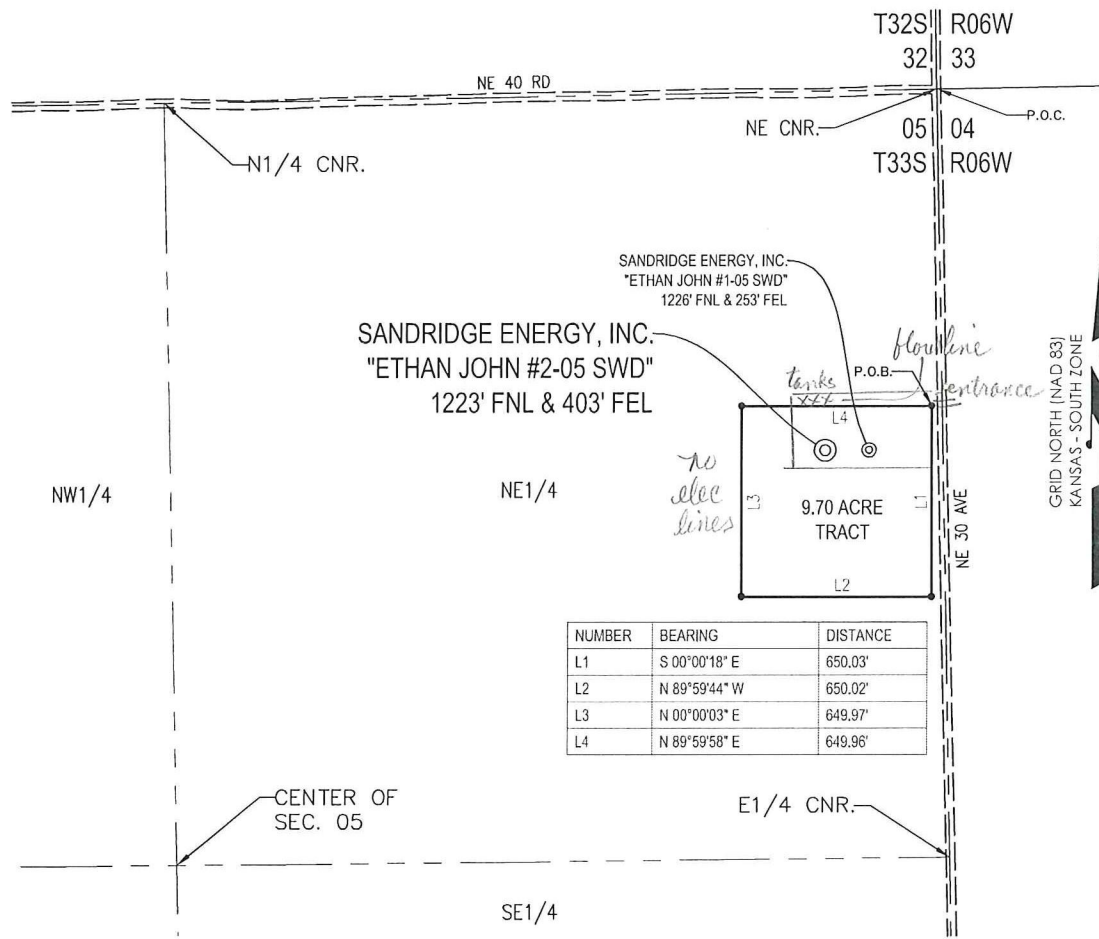
OPERATOR: SANDRIDGE ENERGY, INC.

GRAPHIC SCALE IN MILES



REVISION	<p>"ETHAN JOHN #2-05 SWD" PART OF THE NE1/4 OF SECTION 05, T-33-S, R-06-W PROPOSED DRILL SITE HARPER COUNTY, KANSAS</p>		
	SCALE: 1/2" = 1 MILE	DRAWN BY: S.ANDER	SHEET NO.: 3 OF 3
	PLOT DATE: 12-05-2011		

T 33 S - R 06 W



NUMBER	BEARING	DISTANCE
L1	S 00°00'18" E	650.03'
L2	N 89°59'44" W	650.02'
L3	N 00°00'03" E	649.97'
L4	N 89°59'58" E	649.96'

PLAT SHOWING
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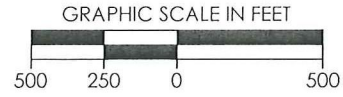
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REVISION	SandRidge		
	"ETHAN JOHN #2-05 SWD" PART OF THE NE1/4 OF SECTION 05, T-33-S, R-06-W PROPOSED DRILL SITE HARPER COUNTY, KANSAS		
	SCALE: 1" = 500'	DRAWN BY: S.ANDER	SHEET NO.: 1 OF 1
	PLOT DATE: 12-05-2011		

**NOTICE TO OPERATORS FILING INTENT TO DRILL
FOR DISPOSAL OR ENHANCED RECOVERY
INJECTION WELLS, (CLASS II INJECTION WELL)**

The attached approved Notice of Intent to Drill indicates the proposed well is to be used for injection. An approved "Intent to Drill" does not approve injection authority as a Class II Injection Well in Kansas.

Before any well is used for injection purposes, the operator must file an application for injection authority in accordance with K.A.R. 82-3-401 and provide notice in accordance with K.A.R. 82-3-402. The Conservation Division must issue a written permit granting the application before commencement of injection.

The Conservation Division requirements and restrictions associated with Class II Injection are identified in K.A.R. 82-3-400 et seq of our regulations. Associated regulations governing drilling, completion and injection applications may be found in K.A.R. 82-3-135, Table I, Table II, in the Cedar Hills Sandstone Moratorium, (Docket #156,397-C), and the Eastern Kansas Surface Casing Order, (Docket #133,891-C).

If you have questions regarding the approval of injection authority, an injection application may be filed as a "Design Approval" before actual drilling and completion of the well occurs. If you have any questions or concerns regarding Class II injection wells or regulations, call the Underground Injection Control Department at 316-337-6200.

Failure to obtain commission approval before beginning injection is punishable by a penalty, shut-in of the well or both.

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
Ethan John 2-5 SWD
NE/4 Sec.05-33S-06W
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.