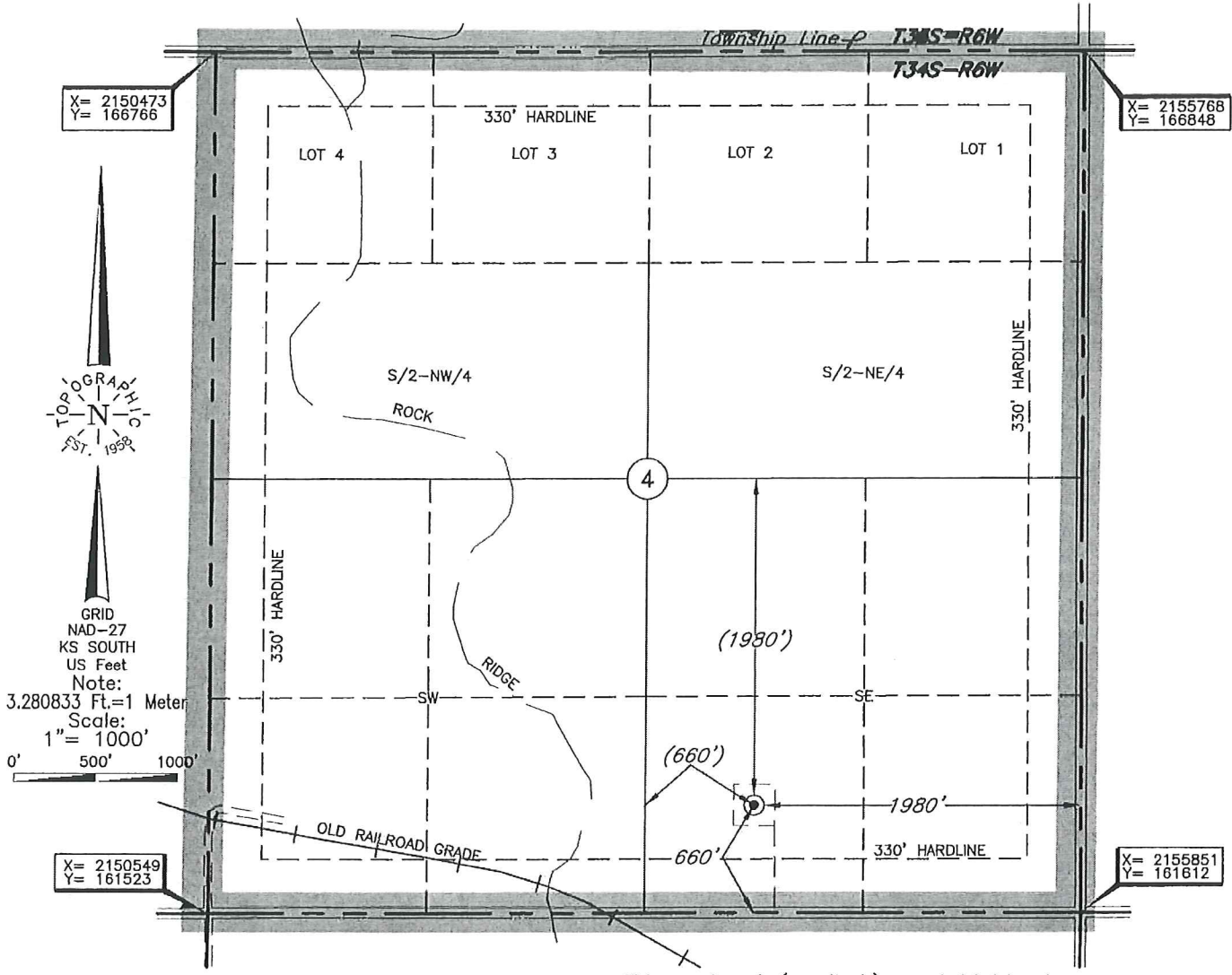


**TOPOGRAPHIC LAND SURVEYORS**

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, 2013

HARPER County, Kansas

660'FSL - 1980'FEL Section 4 Township 34S Range 6W P.M.



CORNER COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD.

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 on the ground.

Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC

Lease Name: KATE 3406

Well No.: 1-4

**ELEVATION:**

1257' Gr. at Stake

Topography & Vegetation Loc. fell in terraced wheat field

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

Best Accessibility to Location From South off county road

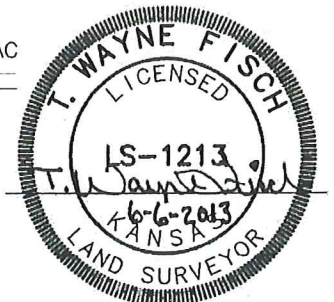
Distance & Direction from Hwy Jct or Town From Anthony, KS, go ±4.0 mi. East, then ±3.0 mi. South to the SE Cor. of Sec. 4-T34S-R6W

DATUM: NAD-27  
 LAT: 37°06'39.7"N  
 LONG: 97°58'20.6"W  
 LAT: 37.111033733° N  
 LONG: 97.972396079° W  
 STATE PLANE COORDINATES: (US Feet)  
 ZONE: KS SOUTH  
 X: 2153861  
 Y: 162238

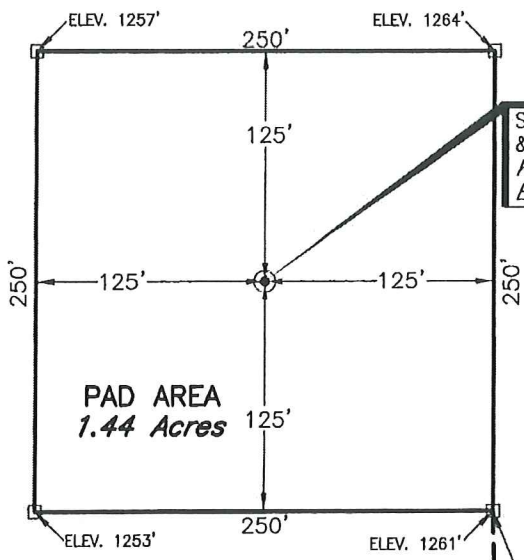
Invoice # 202054 Date of Drawing: Jun. 06, 2013  
 Date Staked: Jun. 04, 2013 AC

**CERTIFICATE:**

I, T. Wayne Fisch a Kansas Licensed 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.



This information was gathered with a GPS receiver with ±1.0' accuracy.



SANDRIDGE EXPLORATION & PRODUCTION, LLC  
KATE 3406 1-4  
Elev. 1257' Gr. at Stake

SANDRIDGE EXPLORATION & PRODUCTION, LLC  
KATE 3406 1-4  
Elev. 1257' Gr. at Stake

PROPOSED PAD SITE  
PROPOSED LEASE RD.

T 34 S - R 6 W  
SECTION 4  
SE/4

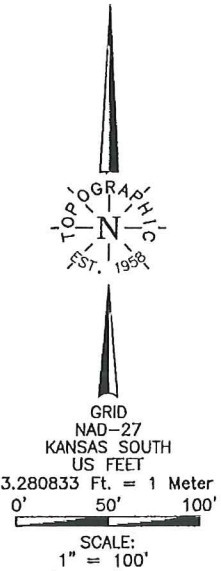
THIS POINT LIES  
533'FSL-1857'FEL  
of SECTION 4

VICINITY MAP  
Scale: 1" = 100'

LEASE ROAD TOTAL IN  
SE/4 OF SEC. 4=  
499' OR 30.24 RODS

PROPOSED LEASE ROAD  
S 01°12' W - 499'

THIS POINT LIES  
34'FSL-1855'FEL  
of SECTION 4



PLAT SHOWING  
PROPOSED PAD AND LEASE ROAD  
IN THE SE/4 OF SECTION 4,  
T34S - R6W,  
HARPER COUNTY, KANSAS

NO.	REVISION	DATE	BY
SURV. BY:		RL 6/04/2013	
DRAWN BY:		AC	
APPROVED BY:		WF	

This plat was prepared exclusively for  
**SANDRIDGE EXPLORATION & PRODUCTION, LLC**  
OKLAHOMA CITY, OKLAHOMA  
and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma.

SURVEYING AND MAPPING BY  
**TOPOGRAPHIC LAND SURVEYORS**  
6709 N. Classen, Okla. City, OK. 73116 (405) 843-4847  
Certificate of Authorization No. LS-99, Exp. December 31, 2013

SCALE:	1"=100'
DATE:	6/06/2013
FILE:	L4193A.DWG
DRAWING NUMBER:	119024-L4-193-A
SHEET	1 OF 1

**Kate 3406 1-4**  
**Lease Information Sheet**

**Lease Description:**

S/2 SE/4 of Section 04-34S-06W

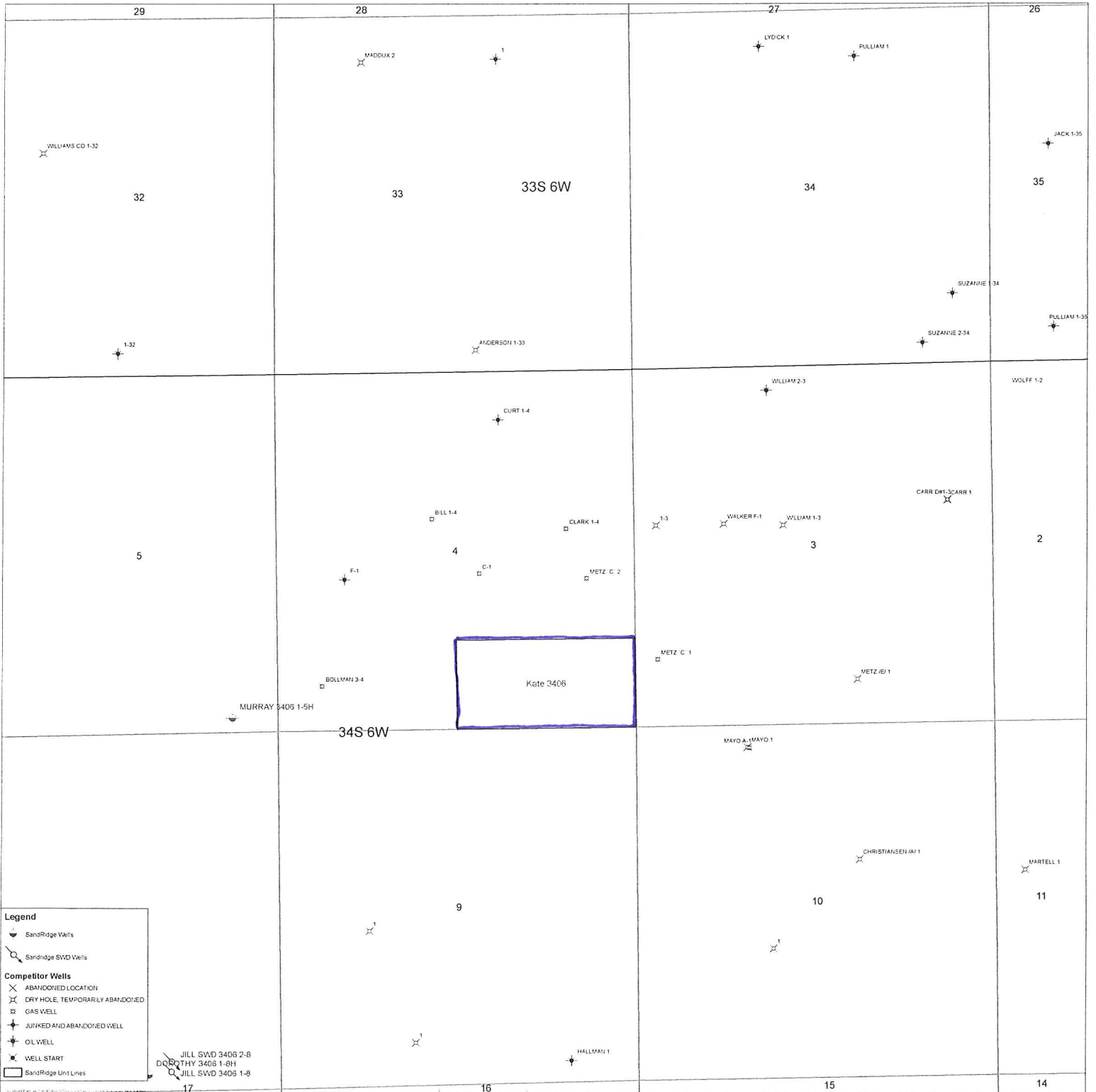
Harper County, Kansas

**Surface Owner:**

Jana S Bollman

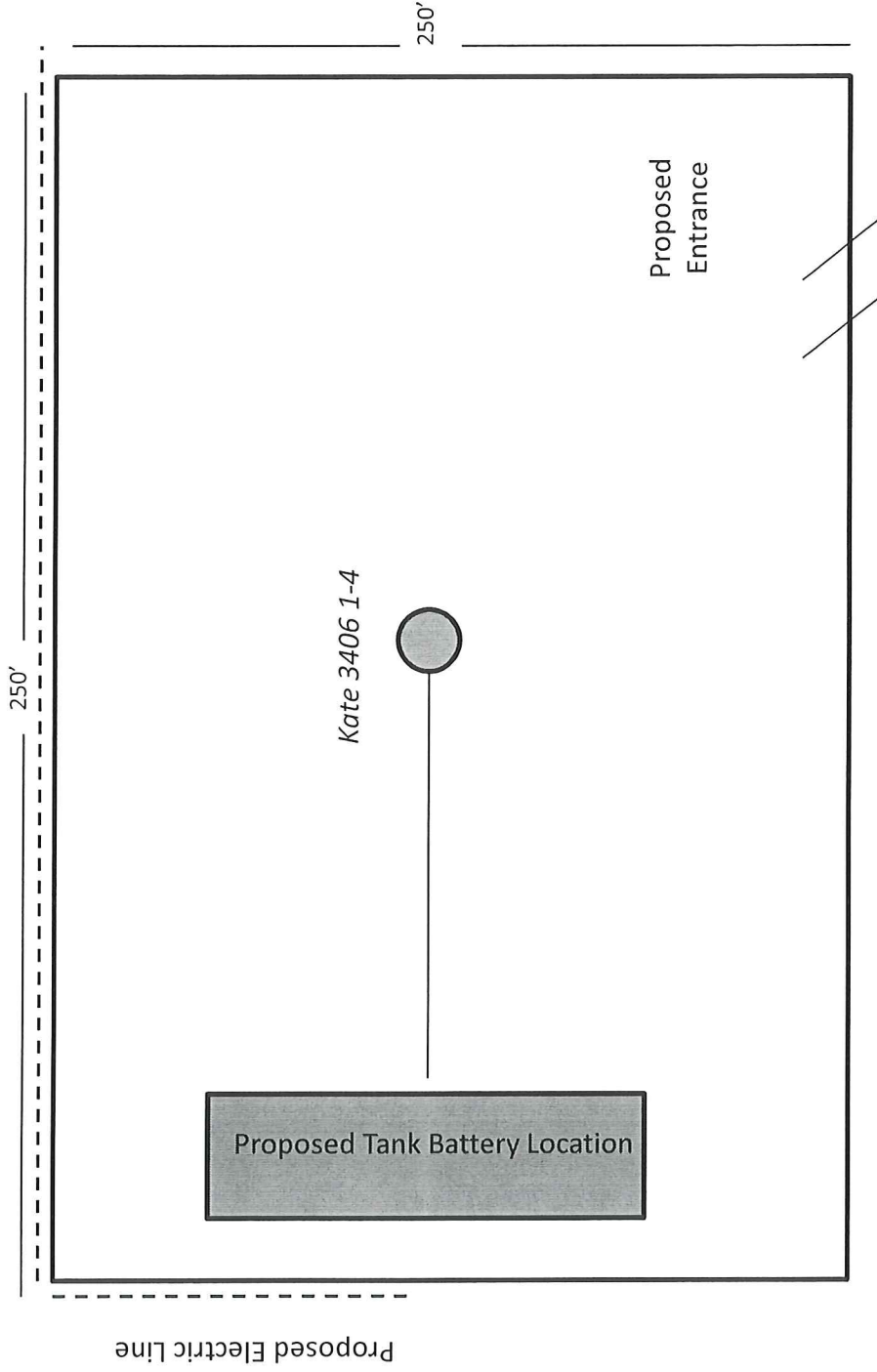
840 N. Lincoln Avenue

Anthony, KS 67003



Lease Outline  
 5/2 5E/4  
 Section 4-34S-6W

Kate 3406 1-4



Proposed Electric Line

Proposed Tank Battery Location

Kate 3406 1-4



Proposed Entrance

250'

250'



June 12, 2013

Jana S Bollman  
840 N. Lincoln Avenue  
Anthony, Kansas 67003

Re: KSONA-1 NOTIFICATION

Please find attached a draft copy of the Permit to Drill currently pending with the KCC for approval. SandRidge Energy plans to drill the Kate 3406 1-4 located in Harper County, Kansas. You are listed as the contact for the current surface owner.

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,

A handwritten signature in cursive script that reads "Wanda Ledbetter".

Wanda Ledbetter  
Regulatory Analyst

Attach.