

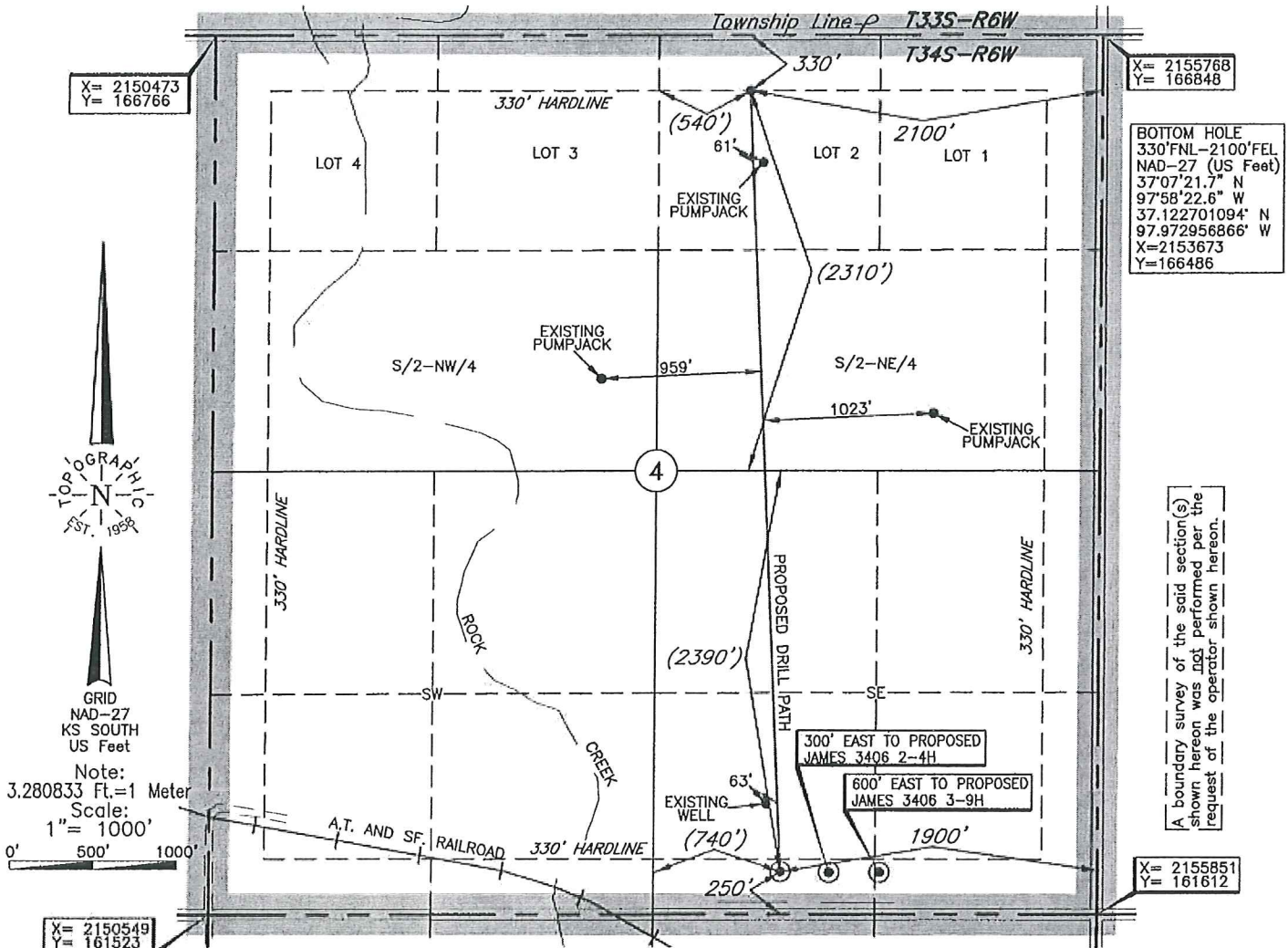
TOPOGRAPHIC LAND SURVEYORS

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, 2015

HARPER

County, Kansas

250'FSL - 1900'FEL Section 4 Township 34S Range 6W P.M.



X= 2155768
Y= 166848

BOTTOM HOLE
330'FNL-2100'FEL
NAD-27 (US Feet)
37°07'21.7" N
97°58'22.6" W
37.122701094° N
97.972956866° W
X=2153673
Y=166486

A boundary survey of the said section(s) shown hereon was not performed per the request of the operator shown hereon.

BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

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.

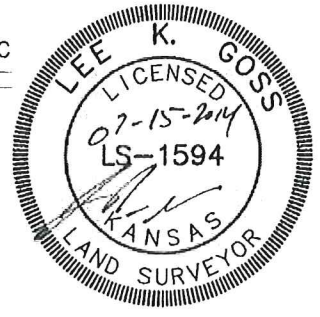
Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC
 Lease Name: JAMES 3406 Well No.: 1-4H **ELEVATION:** 1252' Gr. at Stake
 Topography & Vegetation Loc. fell in sloped terraced wheat field, ±20' West of Sandridge lease road trail
 Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None
 Best Accessibility to Location From South off county road
 Distance & Direction From Hwy Jct or Town From Antony, KS, go ±2.0 mi. South on St. Hwy. 179, then ±1.5 mi. East, then ±1.0 mi. South, then ±2.0 mi. East to the SE Cor. of Sec. 4-T34S-R6W

This information was gathered with a GPS receiver with ±1 foot horiz./vert. accuracy.

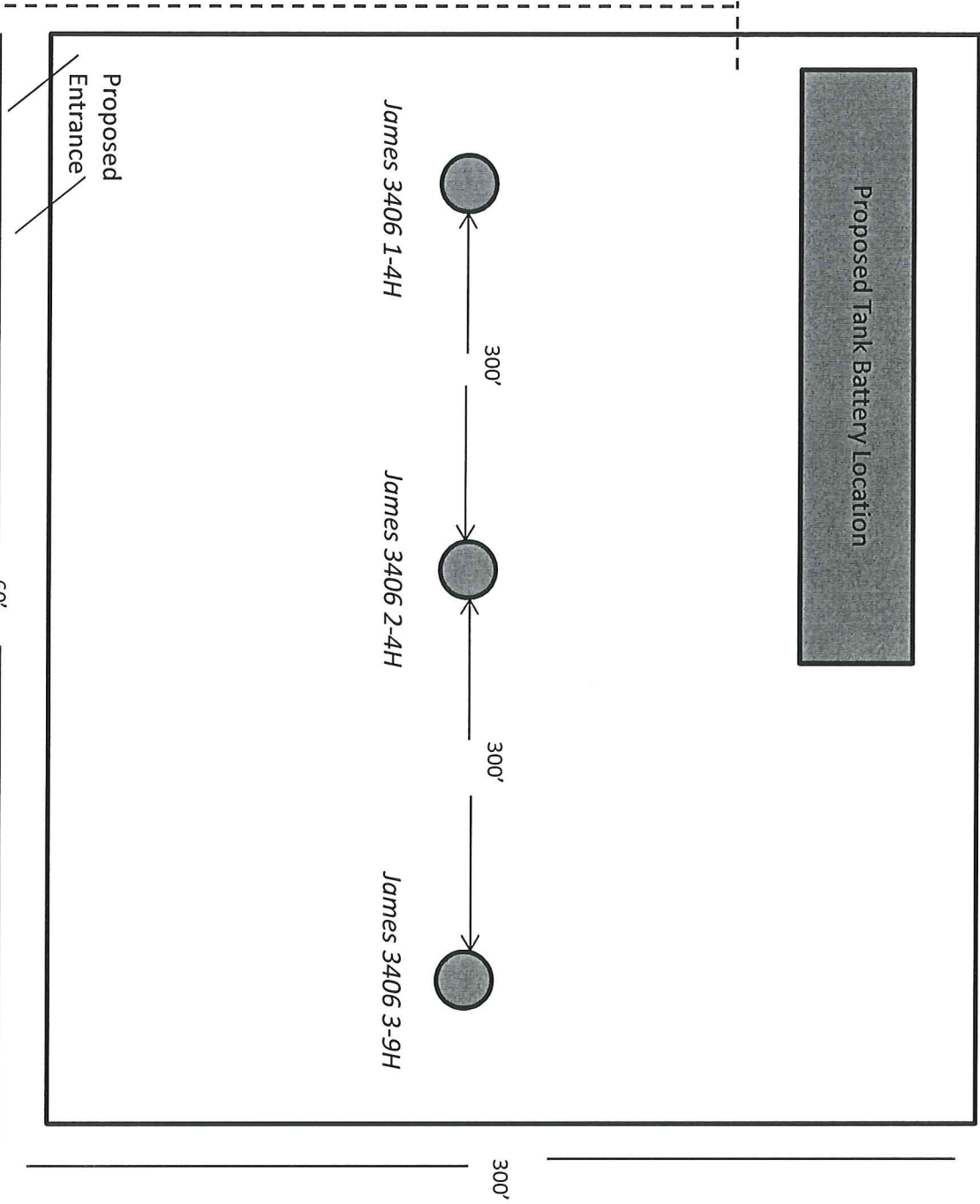
DATUM: NAD-27
 LAT: 37°06'35.7"N
 LONG: 97°58'19.6"W
 LAT: 37.109910676° N
 LONG: 97.972106496° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: KS SOUTH
 X: 2153948
 Y: 161830

Revision B Date of Drawing: Jul. 14, 2014
 Invoice # 224288 Date Staked: Jun. 05, 2014 AC

CERTIFICATE:
 I, Lee K. Goss a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify to the information shown herein



Proposed Electric Line



James 3406 1-4H
Harper County, KS

Unit Description:

E/2 of 4-34S-6W and E/2 of 9-34S-6W, less and except E/2
E/2 W/2 SE/4 and W/2 W/2 E/2 SE/4

Surface Owner:

Jana & Paul A. Bollman

840 N Lincoln Ave.

Anthony, KS 67003



July 15, 2014

Jana & Paul A. Bollman
840 N Lincoln Ave.
Anthony, KS 67003

Re: KSONA-1 NOTIFICATION

Please find attached an updated draft copy of the Intent to Drill currently pending with the KCC for approval. The surface hole location and proposed pad layout have changed. We plan to drill the James 3406 2-4H well located in Harper County, Kansas, and you are listed as 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,

Tiffany Golay
Regulatory Technician
SandRidge Energy
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Oklahoma City, OK 73102
T: 405.429.6543
E: tgolay@sandridgeenergy.com

/file
Attach.