

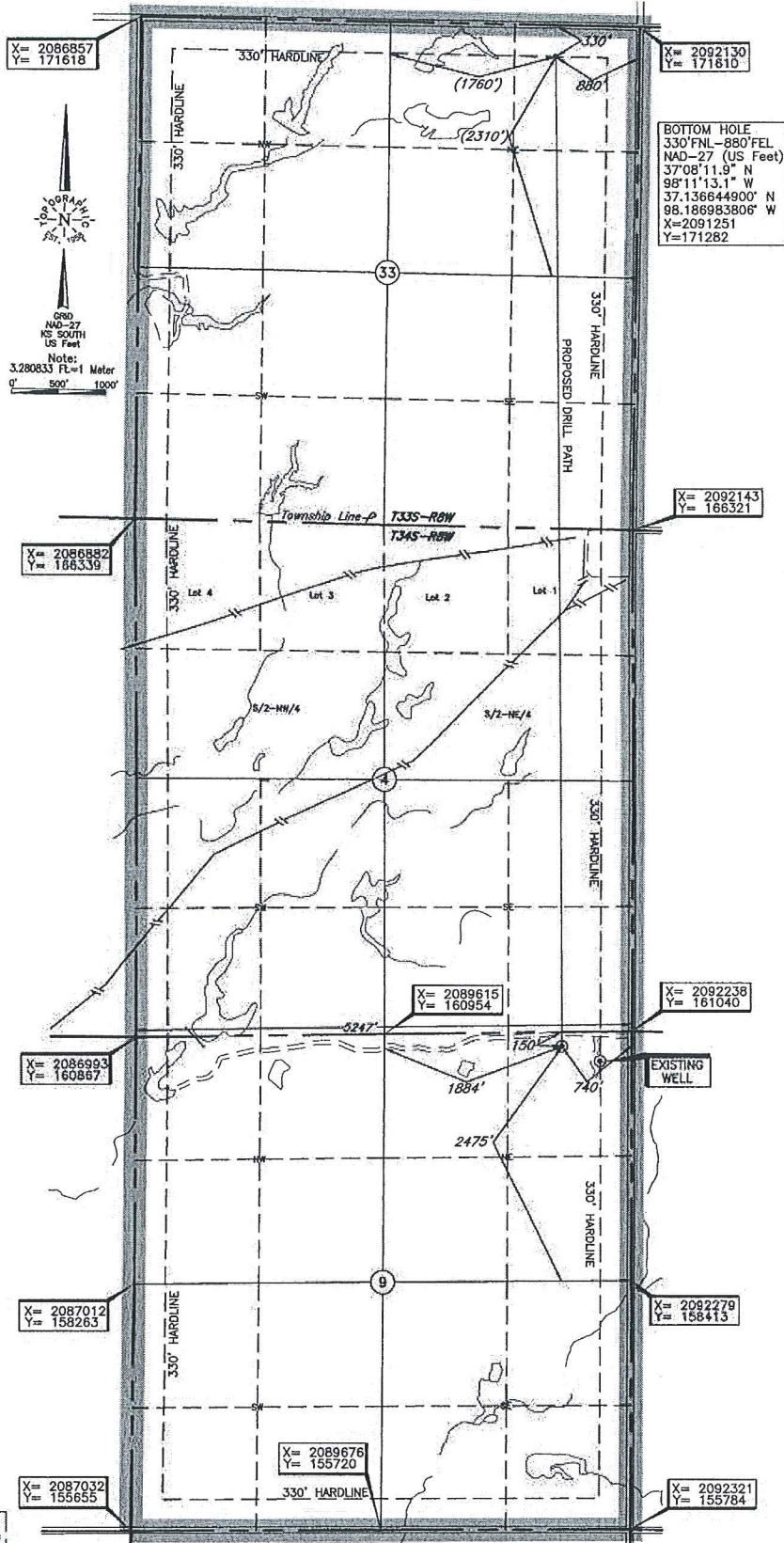
TOPOGRAPHIC LAND SURVEYORS

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

HAPRER

County, Kansas

150'FNL -- 740'FEL Section 9 Township 34S Range 8W P.M.



BOTTOM HOLE AND DRILL PATH INFORMATION
 PROVIDED BY OPERATOR LISTED, NOT SURVEYED.
 Distances shown in parentheses 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.

BOTTOM HOLE
 330'FNL-880'FEL
 NAD-27 (US Feet)
 37°08'11.9" N
 98°11'13.1" W
 37.136644900" N
 98.186983806" W
 X=2091251
 Y=171262

X= 2086857
 Y= 171618

X= 2092130
 Y= 171610

X= 2086882
 Y= 186339

X= 2092143
 Y= 166321

X= 2086993
 Y= 160867

X= 2089615
 Y= 160954

X= 2092238
 Y= 161040

X= 2087012
 Y= 158263

X= 2092279
 Y= 158413

X= 2087032
 Y= 155655

X= 2089676
 Y= 155720

X= 2092321
 Y= 155784

Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC
 Lease Name: BASCOM FARMS 3408
 Topography & Vegetation: Loc. fell in sloped pasture, ±433' NW of existing well
 Good Drill Site? Yes
 Best Accessibility to Location: From East off county road
 Distance & Direction from Hwy Jct or Town: From Waldron, KS, go ±7.5 mi. North on county road to the NE
 Cor. of Sec. 9-T34S-R8W

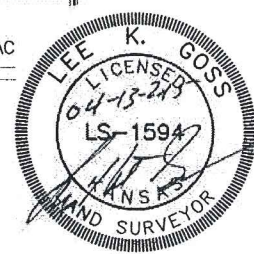
Well No.: 1-4H33
ELEVATION:
 1337' Gr. at Stake

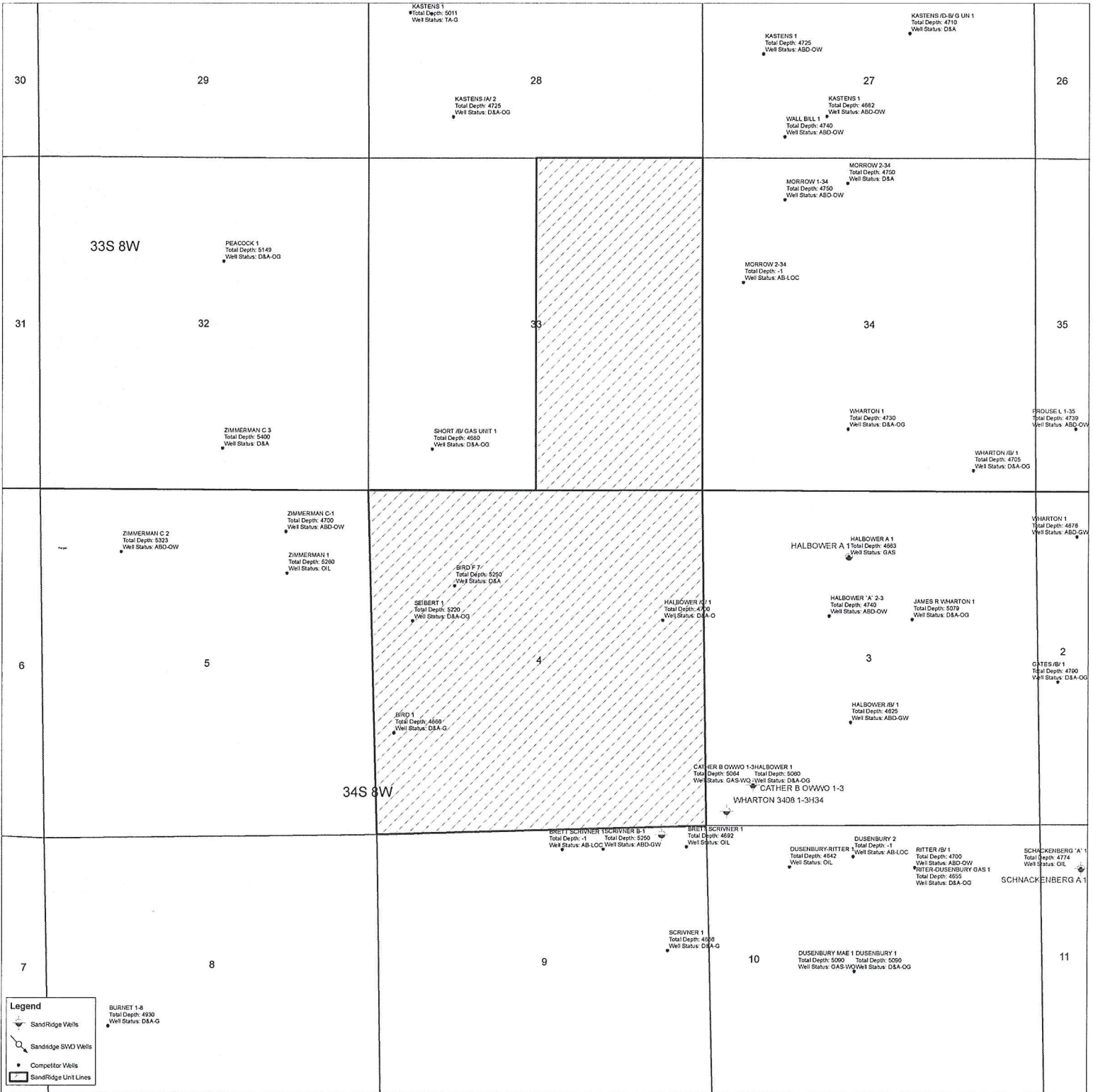
A boundary survey of the said section(s) shown hereon was not performed per the request of the operator shown hereon.

DATUM: NAD-27
 LAT: 37°06'28.9"N
 LONG: 98°11'10.5"W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: KS SOUTH
 X: 2091500
 Y: 160866

Date of Drawing: Apr. 13, 2015
 Invoice # 242742 Date Staked: Apr. 09, 2015 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





Bascom Farms 3408 1-4H33

Lease Information Sheet

Unit Description:

All of Section 4-T34S-R8W &
E2 of Section 33-33S-8W
Harper County, KS

Surface Owners:

Michael and Karen Cather Joint Revocable Trust
uta dtd 7/25/2011.

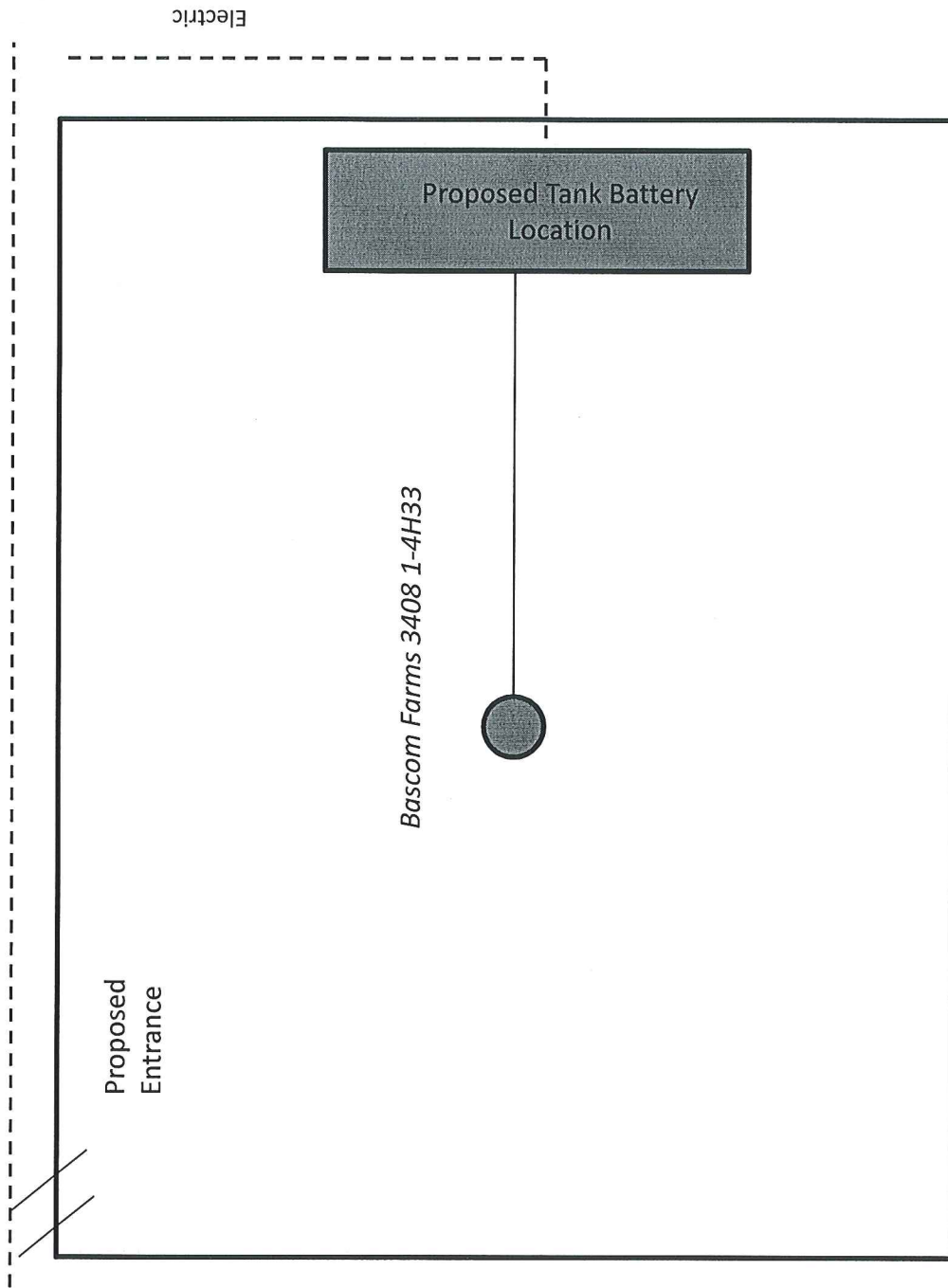
Michael R. Cather and Karen J. Cather, Trustees

1142 N Anthony Avenue

Anthony, KS 67003

316-650-5408

Bascom Farms 3408 1-4H33



This plat is for proposed information only and may not represent the final drilling pad layout of wells, utilities or tank battery. Please refer to the Kansas Survey Plat for the actual location of the well.