

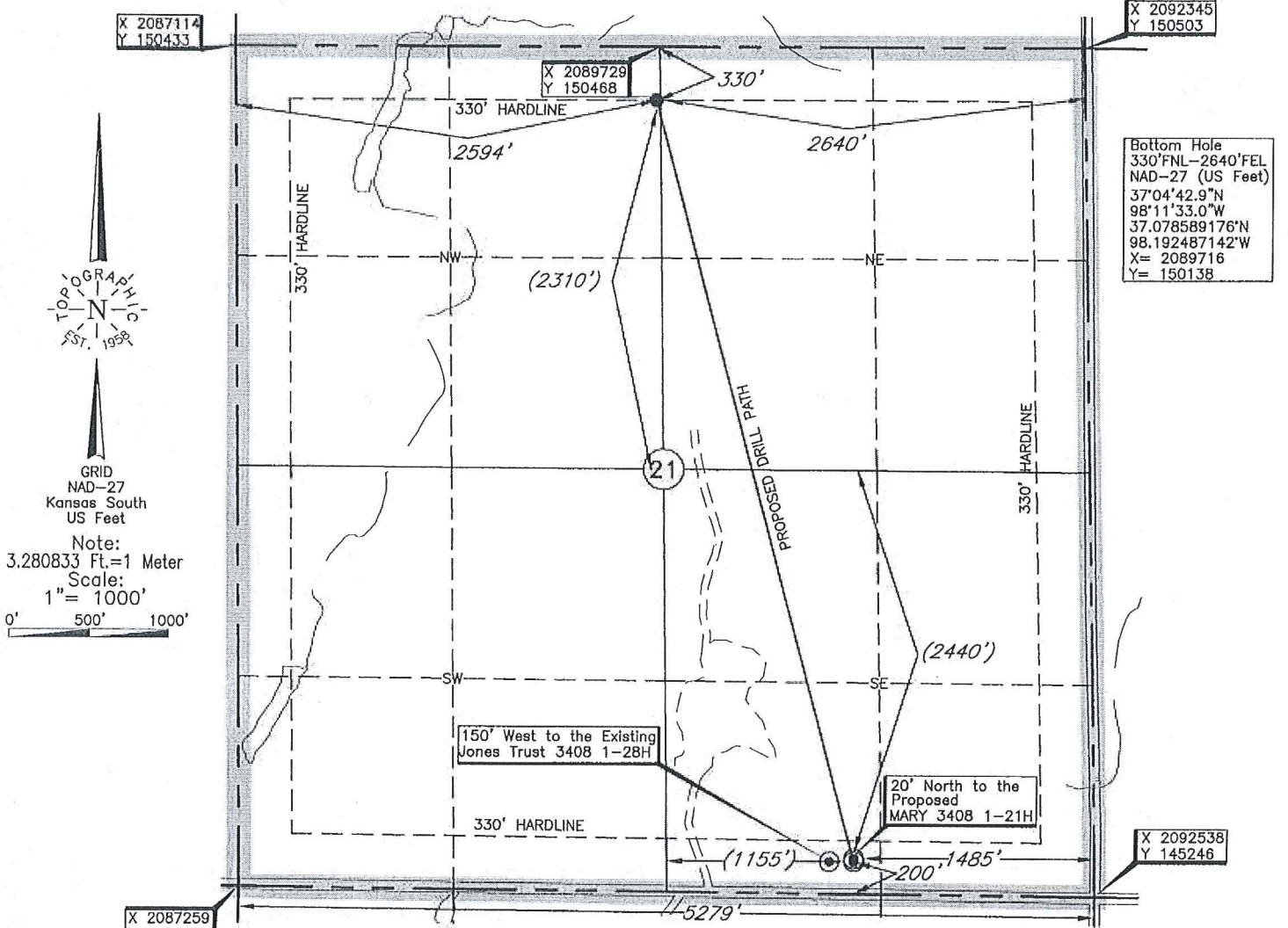
**TOPOGRAPHIC LAND SURVEYORS**

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

200' FSL-1485' FEL Section 21 Township 34S Range 8W P.M.



GRID  
 NAD-27  
 Kansas South  
 US Feet  
 Note:  
 3.280833 Ft.=1 Meter  
 Scale:  
 1" = 1000'  
 0' 500' 1000'

Bottom Hole  
 330' FNL-2640' FEL  
 NAD-27 (US Feet)  
 37°04'42.9"N  
 98°11'33.0"W  
 37.078589176°N  
 98.192487142°W  
 X= 2089716  
 Y= 150138

150' West to the Existing  
 Jones Trust 3408 1-28H

20' North to the  
 Proposed  
 MARY 3408 1-21H

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.

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

Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC

Lease Name: MARY 3408

Well No.: 2-21H

**ELEVATION:**

1285' Gr. at Level Pad

Topography & Vegetation Loc. fell on level pad, ±150' East of existing well, 16' West of buried power line, 45' NE of  
 NW-SE pipeline

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 Waldron, Ks, go ±4 miles North to the SE Cor. of Sec. 21-T34S-R8W

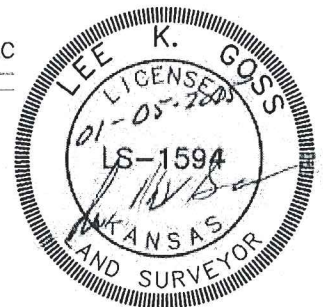
DATUM: NAD-27  
 LAT: 37°03'56.4"N  
 LONG: 98°11'16.8"W  
 LAT: 37.065669172° N  
 LONG: 98.187987821° W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: KS SOUTH  
 X: 2091045  
 Y: 145438

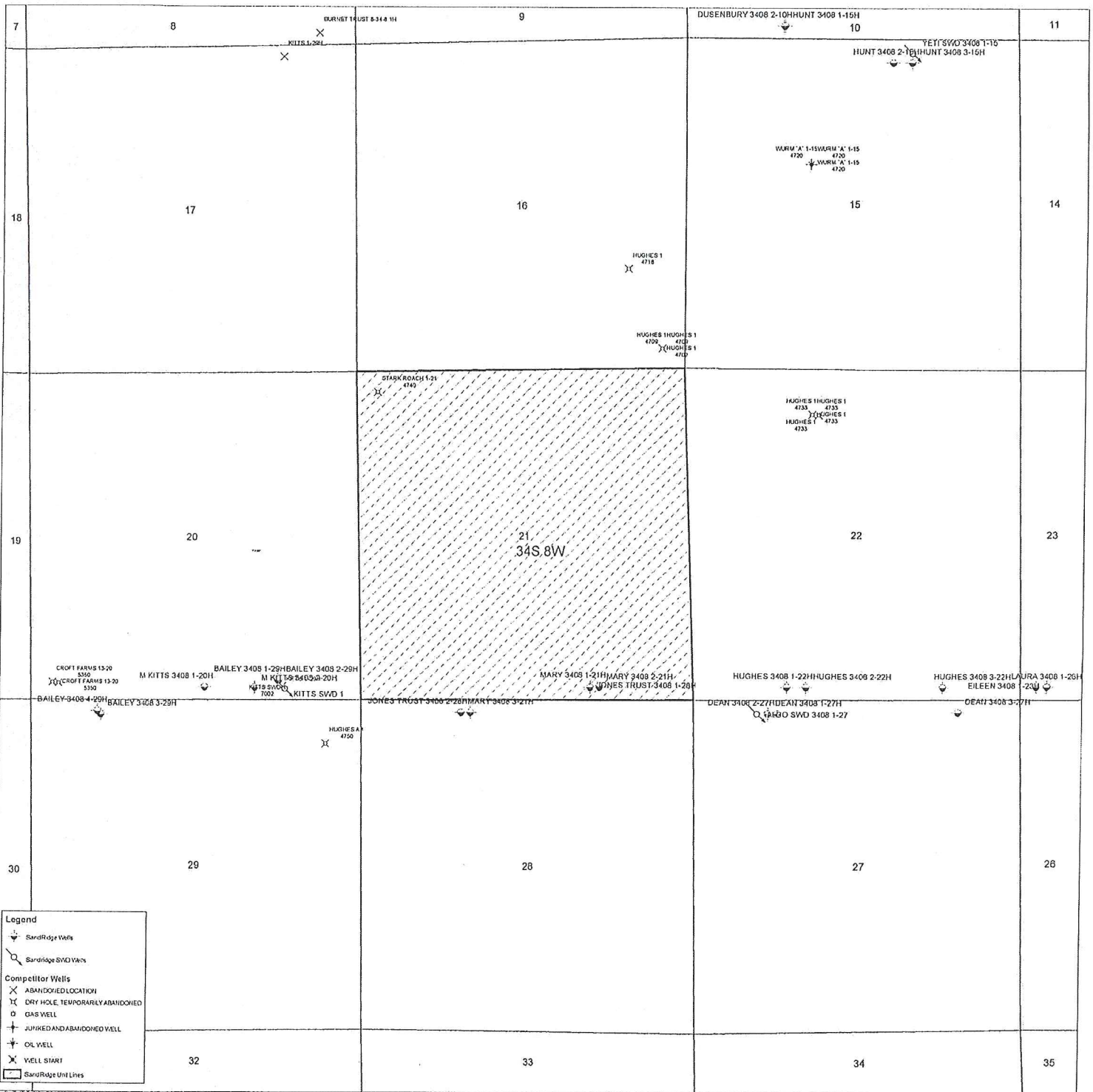
This information was  
 gathered with a GPS receiver  
 with ±1 foot Horiz./Vert. accuracy.

Invoice # 238212A Date of Drawing: Jan. 2, 2015  
 Date Staked: Dec. 31, 2014 LC

**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





**Legend**

- Sand Ridge Wells
- Sand Ridge SYD Wells
- Competitor Wells**
  - ABANDONED LOCATION
  - DRY HOLE, TEMPORARILY ABANDONED
  - GAS WELL
  - JUNKED AND ABANDONED WELL
  - OIL WELL
  - WELL START
  - Sand Ridge Unit Lines

**Mary 3408 2-21H**  
**Lease Information Sheet**

**Unit Description:**

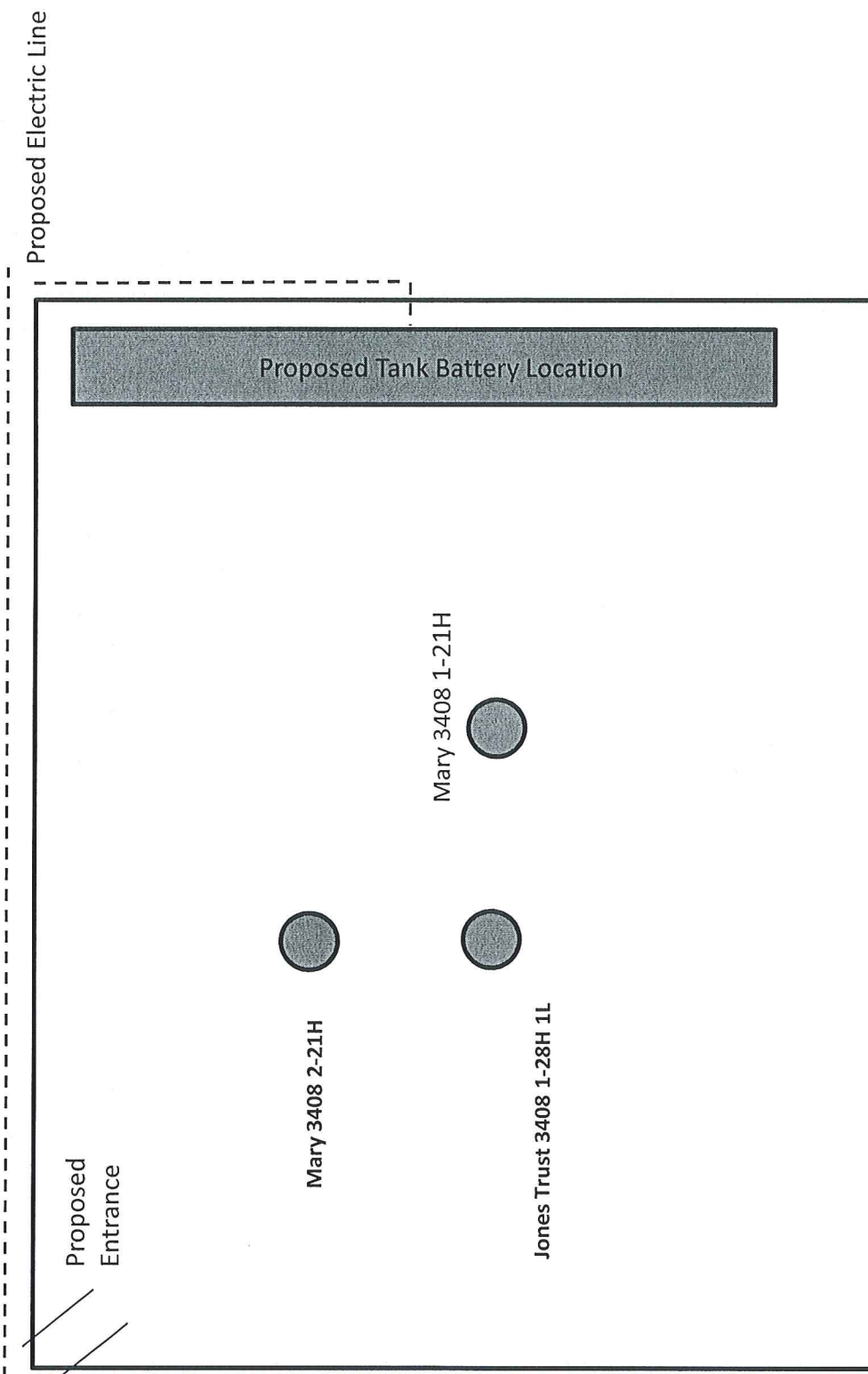
All of Section 21-T34S-R8W  
Harper County, KS

**Surface Owners:**

Deanna K. Gehlbach Revocable Trust dated 10/14/2002 (50%)  
16520 W 133<sup>rd</sup> Street  
Olathe, KS 66062

McKee Family Loving Trust dated 4/26/1991 (50%)  
409 Trout Circle  
Wamego, KS 66547-9018

# Mary 3408 2-21H



This is proposed information. Final location of wells, utilities and tank facilities may change. Refer to Kansas survey plat for location of wells.