

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'FNL-1160'FEL Section 34 Township 33S Range 6W P.M.

X= 2155704
Y= 172104

X= 2161031
Y= 172194

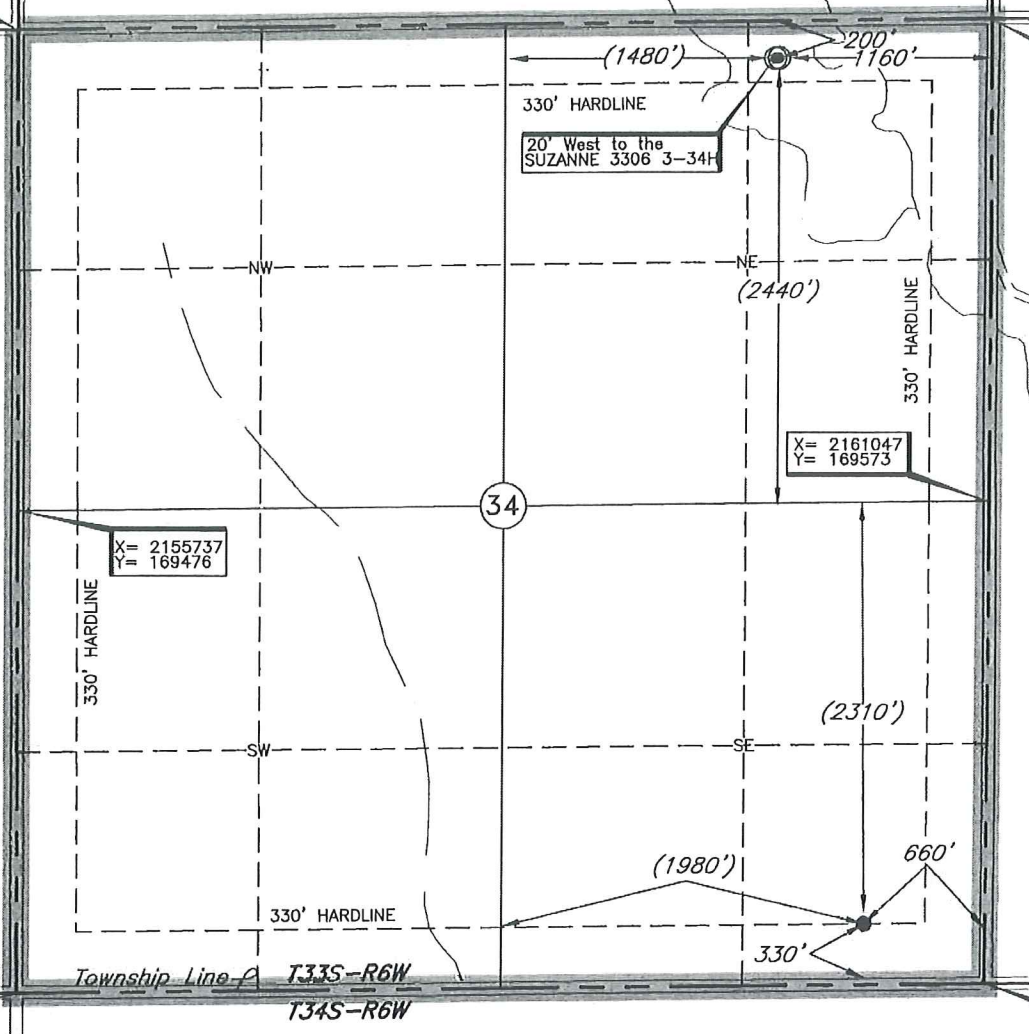
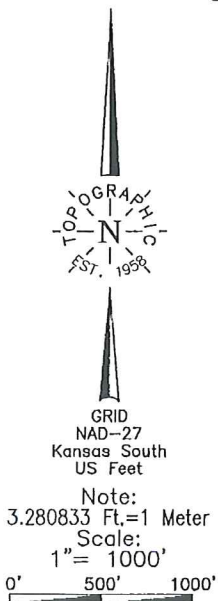
X= 2161047
Y= 169573

X= 2155737
Y= 169476

Bottom Hole
330'FSL-660'FEL
NAD-27 (US Feet)
37°7'29.1"N
97°56'59.6"W
37.124740533°N
97.949887192°W
X= 2160395
Y= 167267

X= 2155768
Y= 166848

X= 2161057
Y= 166950



Bottom Hole 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: SUZANNE 3306

Well No.: 4-34H

ELEVATION:

1282' Gr. at Stake

Topography & Vegetation Loc. fell on top of hill between drain & low area

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

Best Accessibility to Location From North off county road

Distance & Direction from Hwy Jct or Town From Antony, KS, go ±4.5 miles East on St. Hwy. 44, then ±1 mile South to the NE Cor. of Sec.34-T33S-R6W

Date of Drawing: Jan. 17, 2014

Invoice #214634A Date Staked: Jan. 16, 2014

LC

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

DATUM: NAD-27
 LAT: 37°08'15.6"N
 LONG: 97°57'05.7"W
 LAT: 37.137677287° N
 LONG: 97.951585749° W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: KS SOUTH
 X: 2159872
 Y: 171974

CERTIFICATE:

I, T. Wayne Fisch a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify to the information shown herein.



Suzanne 3306 4-34H

Harper County

Unit Description:

E/2 of 34-33S-6W

Surface Owners:

Curt R & Suzanne Clark

716 N Madison

Anthony, KS 67003

