

**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-1105'FEL Section 34 Township 33S Range 6W P.M.

X= 2155704  
Y= 172104

X= 2161031  
Y= 172194

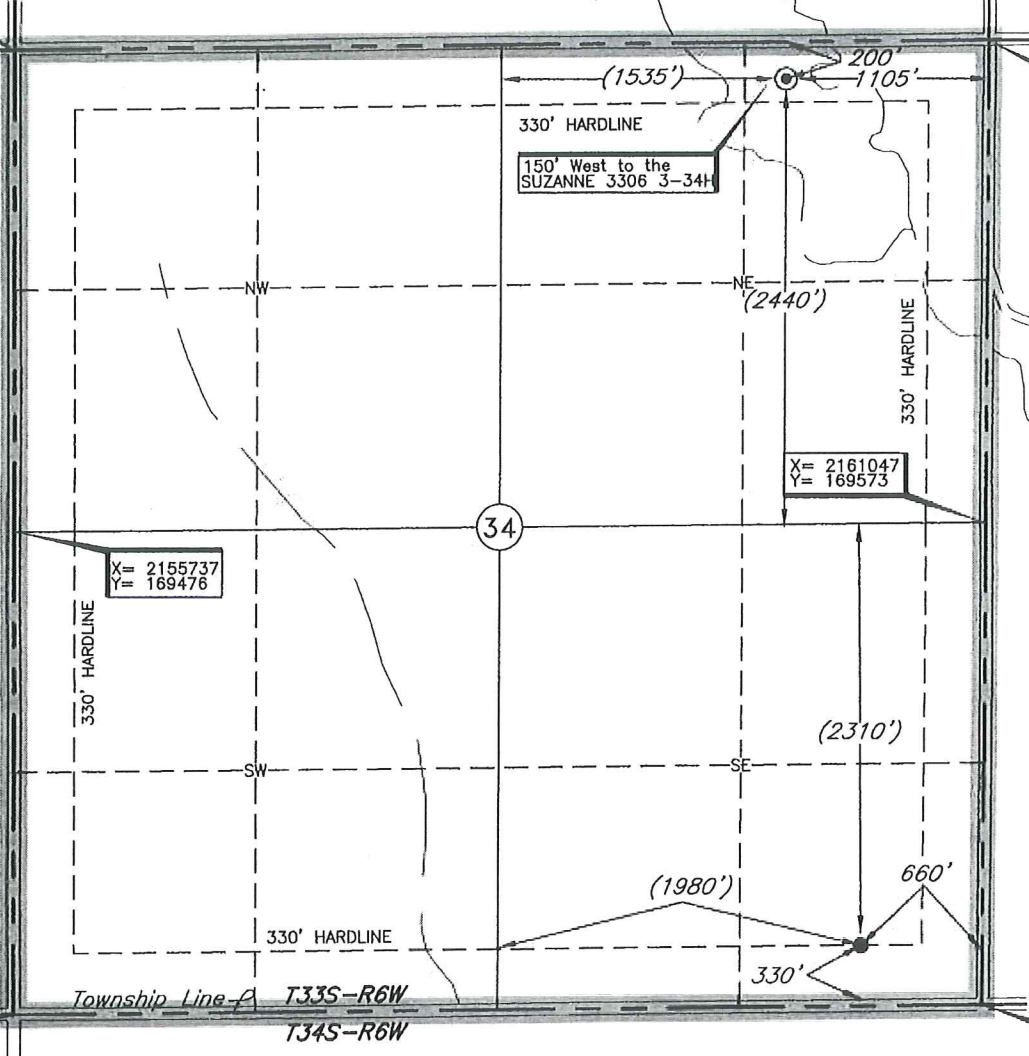
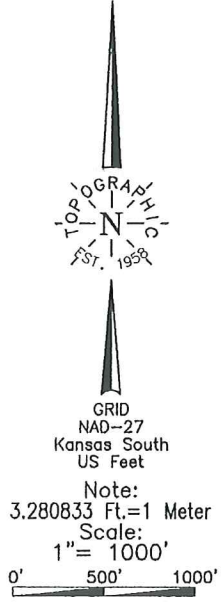
X= 2161047  
Y= 169573

X= 2155737  
Y= 169476

X= 2155768  
Y= 166848

X= 2161057  
Y= 166950

Bottom Hole  
330'FSL-660'FEL  
NAD-27 (US Feet)  
37°07'29.1"N  
97°56'59.6"W  
37.124740533°N  
97.949887192°W  
X= 2160395  
Y= 167267



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:**  
1278' Gr. at Stake

Topography & Vegetation Loc. fell at level pad

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

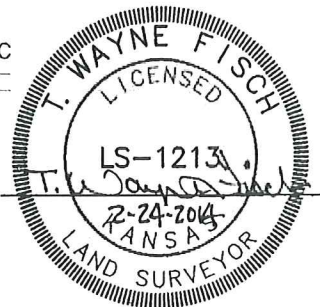
Best Accessibility to Location From North off county road

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

DATUM: NAD-27  
 LAT: 37°08'15.6"N  
 LONG: 97°57'05.0"W  
 LAT: 37.137678819° N  
 LONG: 97.951396913° W  
 STATE PLANE COORDINATES: (US Feet)  
 ZONE: KS SOUTH  
 X: 2159927  
 Y: 171975

Date of Drawing: Feb. 24, 2014  
 Invoice # 216856A Date Staked: Feb. 20, 2014 LC

**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.



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

