

**TOPOGRAPHIC LAND SURVEYORS**

*Revised SHL*

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, 2013

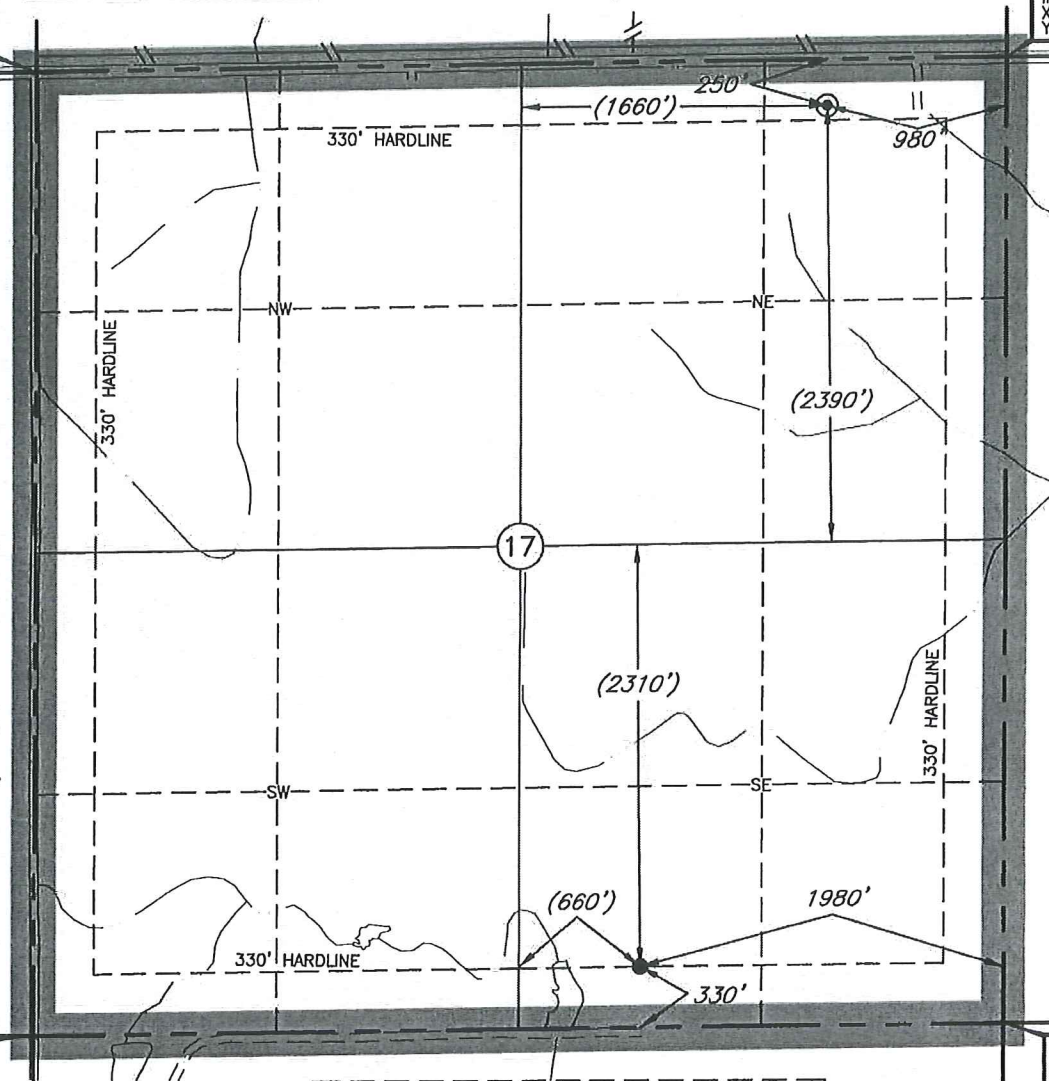
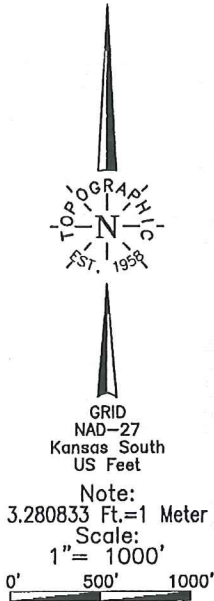
HARPER

County, Kansas

250'FNL-980'FEL Section 17 Township 34S Range 6W P.M.

IRON ROD  
 X= 2145319  
 Y= 156140

IRON ROD  
 X= 2150617  
 Y= 156268



Bottom Hole  
 330'FSL-1980'FEL  
 NAD-27 (US Feet)  
 37°04'51.9"N  
 97°59'25.1"W  
 37.081083199°N  
 97.990305715°W  
 X= 2148698  
 Y= 151304

OCCUPATION  
 X= 2145389  
 Y= 150893

I.R. W/CAP  
 X= 2150681  
 Y= 151023

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.

Bottom Hole, Information provided by operator listed, NOT Surveyed; Corner Coordinates are taken from points surveyed in the field.

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: DANIELLE 3406

Well No.: 1-17H

**ELEVATION:**  
1314' Gr. at Stake

Topography & Vegetation Loc. fell in sloped terraced wheat field, 186' North to gas pipeline, 90' East of slope to low area.

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

Best Accessibility to Location From county road North of location.

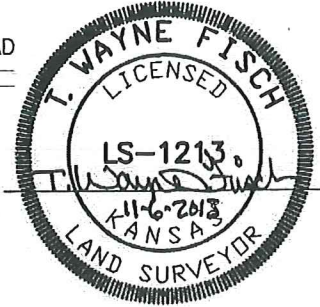
Distance & Direction from Hwy Jct or Town From Anthony, Kansas, go ±4.0 mi. South on St. Hwy. 179, then ±3.0 mi. East to the NE Corner of Section 17, T34S-R6W.

DATUM: NAD-27  
 LAT: 37°05'38.2"N  
 LONG: 97°59'13.2"W  
 LAT: 37.093949749° N  
 LONG: 97.986987455° W  
 STATE PLANE COORDINATES: (US Feet)  
 ZONE: KS SOUTH  
 X: 2149640  
 Y: 155994

Date of Drawing: Nov. 6, 2013  
 Invoice # 210930 Date Staked: Nov. 5, 2013

**CERTIFICATE:**

I, T. Wayne Fisch a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.



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