

**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, 2013

HARPER

County, Kansas

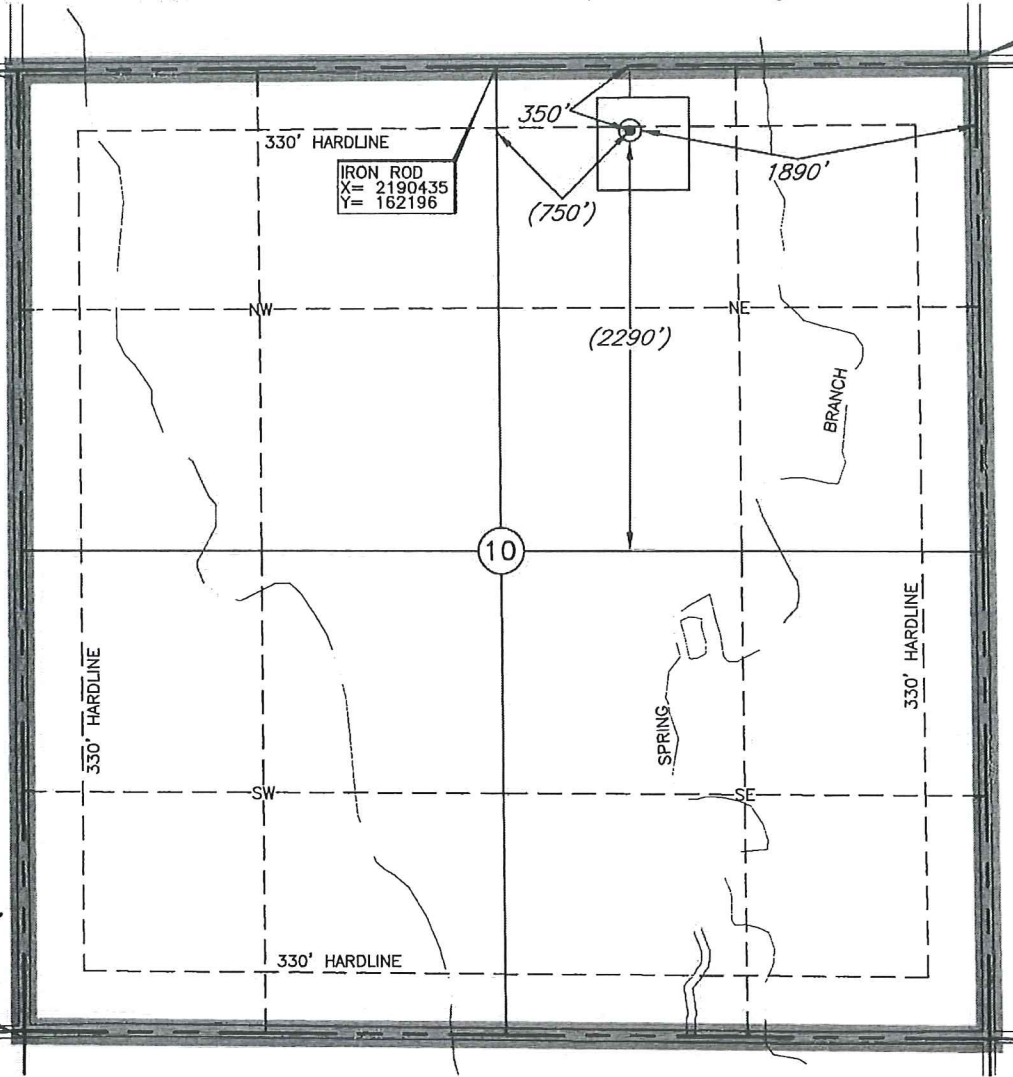
350'FNL-1890'FEL Section 10 Township 34S Range 5W P.M.

IRON ROD  
 X= 2187816  
 Y= 162177

IRON PIPE  
 X= 2193055  
 Y= 162215

IRON ROD  
 X= 2190435  
 Y= 162196

IRON ROD  
 X= 2193133  
 Y= 156937



TOPOGRAPHIC  
 EST. 1988

GRID  
 NAD-27  
 Kansas South  
 US Feet

Note:  
 3.280833 Ft.=1 Meter  
 Scale:  
 1"= 1000'

0' 500' 1000'

Corner Coordinates are Taken  
 from Points Surveyed in the Field.

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: SARATOGA SWD 3405

Well No.: 1-10

**ELEVATION:**

1245' Gr. at Stake

Topography & Vegetation Location fell in level, plowed field.

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

Best Accessibility to Location From North off county road

Distance & Direction From Bluff City, KS, go ±2.0 mi. North, then ±2.0 mi. East  
to the NE Corner of Section 10-T34S-R5W.

Date of Drawing: Oct. 3, 2013

Invoice #208991D Date Staked: Oct. 2, 2013

LC

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

DATUM: NAD-27  
 LAT: 37°06'33.6"N  
 LONG: 97°50'40.1"W  
 LAT: 37.109320153°N  
 LONG: 97.844473261°W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: KS SOUTH  
 X: 2191170  
 Y: 161851

**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.

