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 o \_\_35S\_\_ Range 250'FNL-660'FWL \_\_7W\_\_P.M. 10 \_ Range Section \_ \_ Township - Hashing BOTTOMHOLE INFORMATION PI BY OPERATOR LISTED, NOI S BEARING AND/OR DISTANCE I ARE CALCULATED CORNER COORDINATES ARE F LAND GRID, NOI SURVEYED X 2124526 Y 129671 0GR40 0-N-5 XXX 250 (1980') X 2129807 Y 129708 I PROVIDED
IT SURVEYED.
DE TO BOTTOMHOLE Notler FROM Cines Scale: 1"= 1000' (2390') Distance & Direction from Hwy Jct or Town Topography & Vegetation \_ease Name: Operator: This location has been very corduly staked to the best official survey records, maps, us, but its occuracy is not guaranteed. Review this plat and notify us immediately operator: SANDRIDGE ENERGY, INC. then ±1.7 mi North to the Northwest corner (10 From Loc. fell and r From ş 9 2. алу n the ground photographs Reference terraced possible 179 @ X 2124593 Y 124377 according available to discrepancy. 9 wheat Stakes county Oklahoma-Kansas Sec. field 9 X 2129858 Y 124432 10-T35S-R7W road Alternate Well Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, those shown in [brackets] are based on GLD (General Land Office) distances and have not been measured. No.: State Location 1-10H Line BOTTOM HOLE 330'FSL-660'FWL NAD 27 N 36' 59' 57.1" W 98' 04' 15.5" Lat: 36.999199946 Long: 98.070961589 X= 2125305 Y= 121371 Stakes 90 #, 1300 Gr. ot Set is 3. r= 121371 West 373 LOT 2 99 None (1980') Township Line-P State Line KANSAS HARPER CO. State 330 T355-R7W County Line - GRANT CO. OKLAHOM T29N-R8W X 2124650 Y 121037 X 2129864 Y 121074 1000 2000 Date of Drawing: Feb. 28, 2012 Invoice # 180110 Date Staked: Feb. 25, 2012 IS NAD-27 DATUM:\_ This information was gathered with a GPS received with Sub-Meter accuracy. LAT: 37'01'16.8"N LONG: 98\*04'16.4"W LAT: 37.021323420\*N **CERTIFICATE:** T. Wayne Fisch \_a Kansas Licensed Land LONG: 98.071231930'W 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 STATE PLANE COORDINATES: (US Feet) SURVEY DE ZONE: KS SOUTH as shown herein. X: 2125189 129426

Oklahoma Lic. No. <u>1213</u>

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Certificate of Authorization No. LS-99, Exp. Dec. 31, 2013
HARPER
County, Kansos County, Kansas \_\_35S\_\_ Range 10

Township

Section

\_\_\_\_\_P.M.

Range

FROM Scale: 1"= 1000'

BOTTOMHOLE NFORMATION PI BY OPERATOR LISTED, NOI S BEARING AND/OR DISTANCE 1 ARE CALCIUATED CORNER COORDINATES ARE F LAND GRID, NOT SURVEYED

250'FNL-660'FWL

I SURVEYED. E TO BOTTOMHOLE

This location has been very carefully staked to the best official survey recards, maps, an us, but its accuracy is not guaranteed.
Review this plat and notify us immediately o

, and on 9, any hotographs possible

discrepancy.

₹. Reference North off terraced wheat Stakes or Alternate field Location Stakes

Best Accessibility to Location Distance & Direction from Hwy Jct or Town \_\_\_\_F

the Northwest corner of Sec.

Oklahoma-Kansas

State

Line, 90 ±1.5

∄. West S S

State

Line,

Set

10-T35S-R7W

Good Drill Site? opography & ease Name:

Vegetation

Loc. fell

Yes

From

county

No:: 1-104 1300 Gr. at

Stake

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.

X 2124593 Y 124377 according available Township Li OKUAHOM T29N-RBW County 1 Date of Drawing: Feb. 28, 2012

Invoice # 180110 Date Staked: Feb. 25, 2012

DATUM: NAD-27 LAT: 37'01'16.8"N on was PS receive accuracy. LONG: 98'04'16.4"W This information of gothered with a GPS with Sub-Meter acc LAT: \_\_37.021323420°N LONG: 98.071231930'W STATE PLANE COORDINATES: (US Feet) ZONE: KS SOUTH 2125189 X:\_\_ 129426

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.

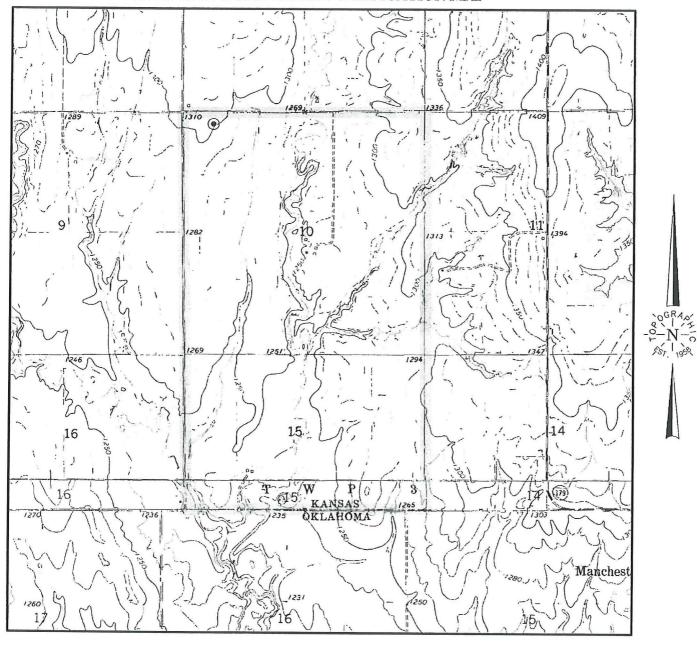
Oklahoma Lic. No. <u>1213</u>



## **TOPOGRAPHIC LAND SURVEYORS**

Surveying and Mapping for the Energy Industry 6709 North Classen Blvd. Oklahoma City, OK 73116 www.topographic.com Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

## LOCATION & ELEVATION VERIFICATION MAP



\_\_\_ Twp.\_\_\_\_35S\_\_\_ Rng.\_ County\_\_\_\_\_ HARPER \_\_\_\_ State\_\_\_\_ Operator SANDRIDGE ENERGY, INC. Description 250'FNL-660'FWL Lease WESLEY 1-10H 1300' Gr. at Stake Elevation U.S.G.S. Topographic SPRING, KS

Quadrangle Map

Above Background Data from U.S.G.S. Topographic Map Scale: 1"=2000'

Contour Interval \_\_\_\_\_10'

This location has been very carefully staked on the ground according to the best official survey records, maps and photographs available to us, but its accuracy is not guaranteed. When elevation is shown bereon it is the ground elevation of the location stake.

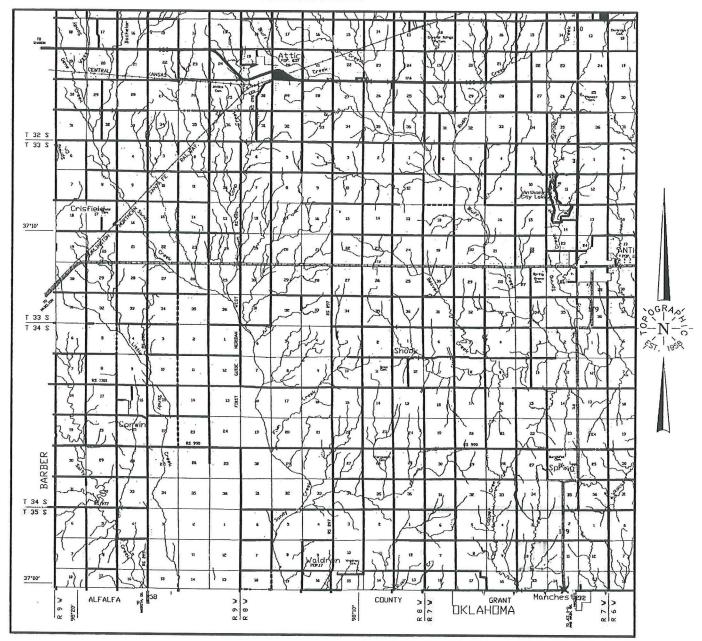
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## VICINITY MAP



Scale: 1" = 3 Miles

Sec. 10	Twp	35SRng	7W
County	HARPER	State	KS
Operator	SANDRIDGE	E ENERGY, INC.	•



LAND SURVEYORS