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 SUMNER _ County, Kansas 2W_P.M. 330'FSL - 530'FEL __Township __33S Range __ Section 50th STREET Township Line-P RZW IRON ROD X 2298393 Y 201340 660 CALCULATED X 2293201 Y 201240 330' HARDLINE (1980') LOT 2 LOT BOTTOM HOLE 330'FNL-660'FEL NAD-27 (US Feet) 37'12'51.1"N 97'28'39.4"W 37.214195829'N 97.477600518'W X 2297738 Y 200998 LOT 3 LOT 4 [23107 S/2-NE/4 2-NW/4 330, 330 HARDLINE GRID NAD-27 Kansas South US Feet Note: 3.280833 Ft.=1 Meter (2310')| Scale: 1"= 1000' 1000 STING PUMPJACK (2110') IRON ROD IRON ROD 330' HARDLINE X 2298493 Y 196059 2293292 195992 3.30' GLO STONE X 2295844 Y 195978 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 <u>NOT</u> been measured on the ground. A boundary survey of the said section(s) shown hereon was <u>not</u> performed per the request of the operator shown hereon. Bottom Hole information provided by operator listed, NOT Surveyed; and Corner Coordinates are taken from points surveyed in the field. Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC **ELEVATION:** Well No.: 2-1H Lease Name: PERTH 3302 1234' Gr. at Stake Location fell in sloped wheat field, ±204' West of existing pumpjack Topography & Vegetation _ Reference Stakes or Alternate Location None Good Drill Site? _ Stakes Set _ From South of county road. Best Accessibility to Location Distance & Direction From Wellington, KS., go ±4.5 miles South on U.S. Hwy. 81, then ±4 miles West to the from Hwy Jct or Town_ SE corner of Section 1, T33S - R2W Revision X A Jan. 8, 2014 Date of Drawing: -DATUM: NAD-27 LAT: 37'12'05.4"N LONG: 97'28'37.3"W **RKM** Invoice # 213099 Date Staked: -Dec. 13, 2013 **CERTIFICATE:** LAT: 37.201488036'N T. Wayne Fisch _a Kansas Licensed Land LONG: 97.477025603°W Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described STATE PLANE SURVEYING well location was surveyed and staked on the ground COORDINATES: (US Feet) ZONE: KS SOUTH as shown herein.

2297956

196373

X:

Perth 3302 2-1H

Sumner County

Unit Description:

S2 S2 SE/4 of 1-33S-2W

Surface Owners:

Albert A. Heckes, Trustee of the Albert A. Heckes and Marian L. Heckes Revocable Trust – Trust H, under agreement dated September 29, 1979 3616 Mary Ellen N.E. Albuquerque, NM 67226

Shirley A. Gasper and Donald D. Gasper, Co-Trustees of the Shirley A. Gasper Revocable Trust dated May 10, 2001 710 North Kansas Anthony, KS 67003

Westana Leah Heckes 627 Jayhawk Cheney, KS 67025

Travis Dean Heckes 3101 North Rock Road, Suite 125 Wichita, KS 6726 – OR – 1437 W. Mulberry St. Olathe, KS 66061

