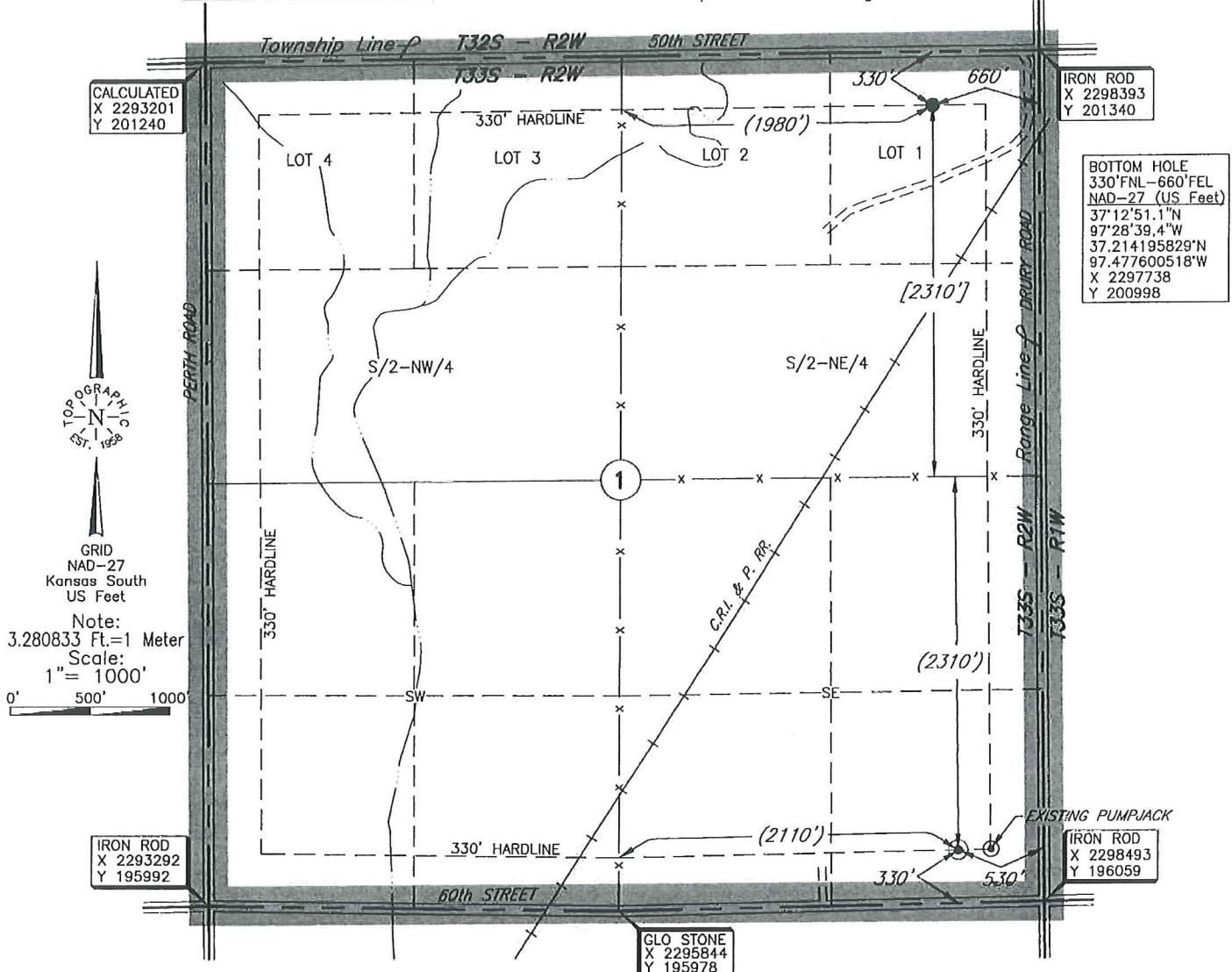


**TOPOGRAPHIC LAND SURVEYORS**

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

330'FSL - 530'FEL Section 1 Township 33S Range 2W P.M.



CALCULATED  
 X 2293201  
 Y 201240

IRON ROD  
 X 2298393  
 Y 201340

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

IRON ROD  
 X 2293292  
 Y 195992

IRON ROD  
 X 2298493  
 Y 196059

GLO STONE  
 X 2295844  
 Y 195978

Bottom Hole information provided by operator listed, NOT Surveyed; and 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.

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.

Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC

Lease Name: PERTH 3302

Well No.: 1-1H

**ELEVATION:**  
 1234' Gr. at Stake

Topography & Vegetation Location fell in sloped wheat field, ±204' West of existing pumpjack.

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

Best Accessibility to Location From South of county road.

Distance & Direction from Hwy Jct or Town From Wellington, KS., go ±4.5 miles South on U.S. Hwy. 81, then ±4 miles West to the SE corner of Section 1, T33S - R2W.

Date of Drawing: Dec. 16, 2013

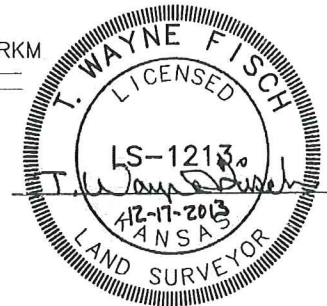
Invoice # 213099 Date Staked: Dec. 13, 2013

RKM

This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.  
 DATUM: NAD-27  
 LAT: 37°12'05.4"N  
 LONG: 97°28'37.3"W  
 LONG: 37.201488036°N  
 LONG: 97.477025603°W  
 STATE PLANE COORDINATES: (US Feet)  
 ZONE: KS SOUTH  
 X: 2297956  
 Y: 196373

**CERTIFICATE:**

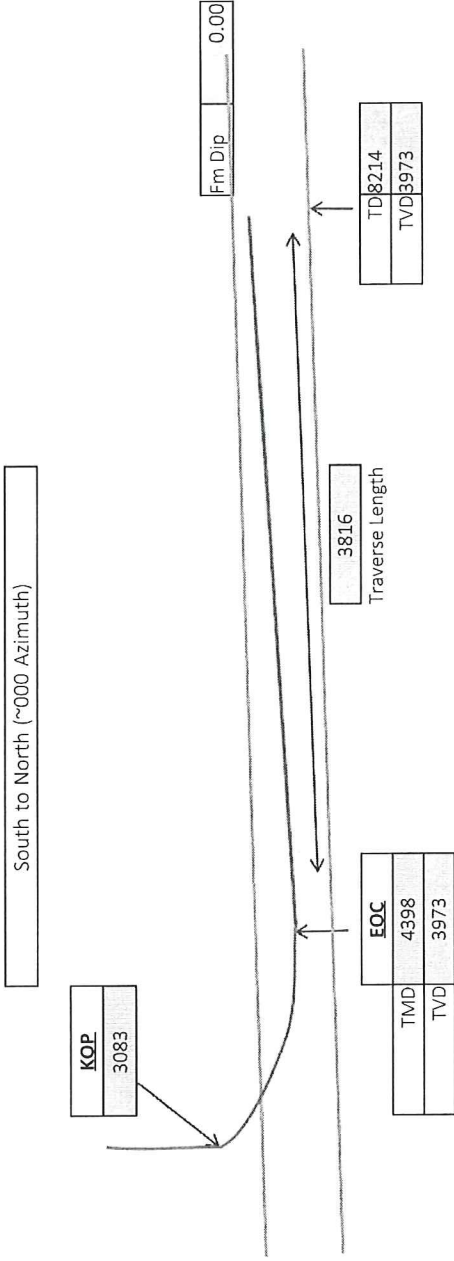
I, T. Wayne Fisch a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.



Target Line	
TVD @ 0' VS	3,973
INC	90.00

	SHL	BHL
X NAD 27	2,297,956	2,297,738
Y NAD 27	196,373	200,998

Total VS	4,630.13
EOC (MD)	4,397.67
EOC (TVD)	3,973.00
KOP	3,083.38
Azimuth	357.30
Traverse Length	3,816.25
TD (MD)	8,213.92
TVD @ TD	3,973.00
TVD displacement f/ EOC to TD	0.00



**Operator**

SandRidge Energy

**Well Name and Number**

Perth 3302 1-1H

**Well Surface Location**

1-33S-2W; 330' FSL & 530' FEL

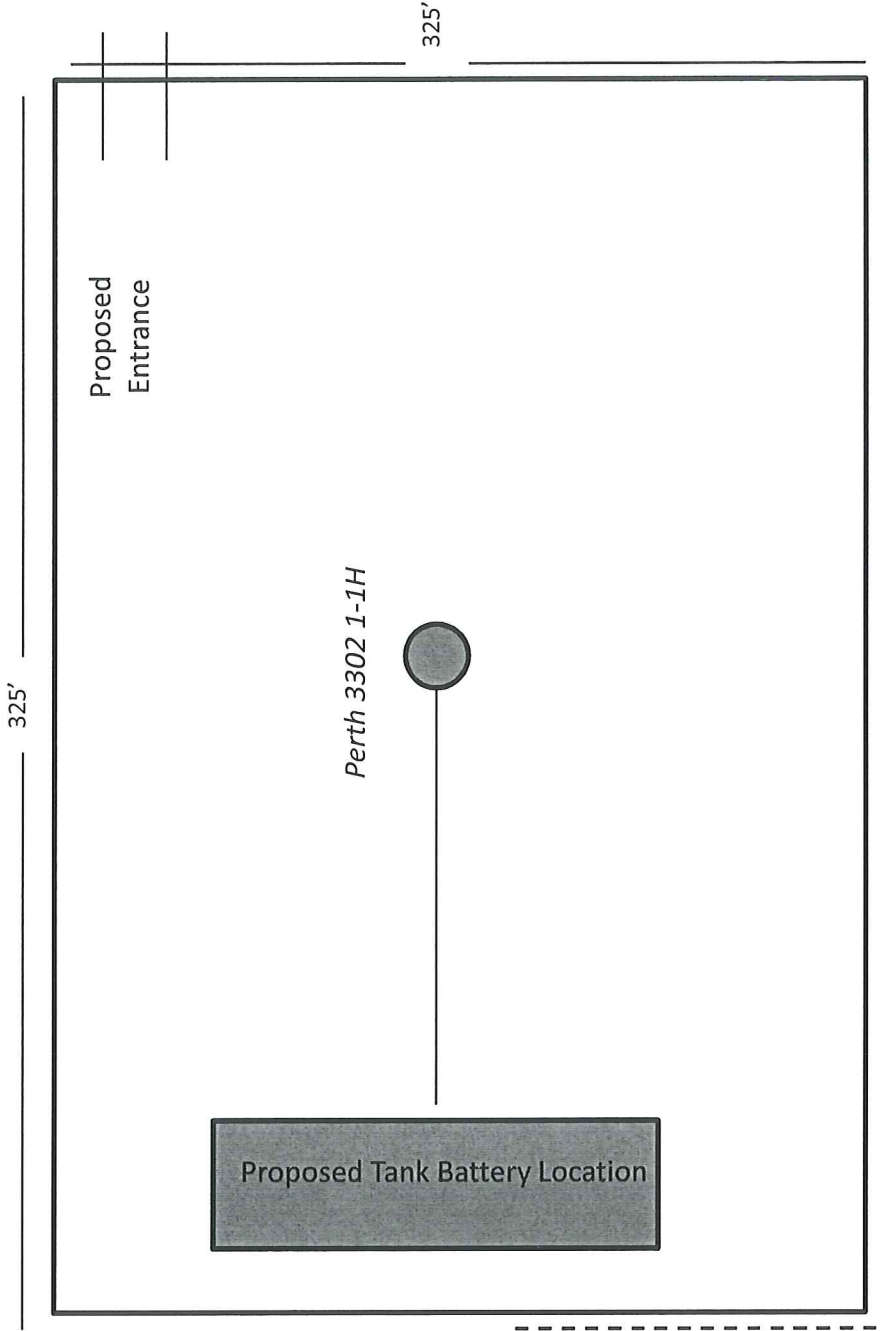
**Well Bottom Hole Location**

1-33S-2W; 330' FNL & 660' FEL

**County and State**

Sumner County, Kansas

Perth 3302 1-1H



Proposed Electric Line

**Perth 3302 1-1H**  
**Lease Information Sheet**

**Unit Description:**

S2 S2 SE/4 Section 01-33S-02W  
Sumner County

**Surface Owner:**

Surface owners (undivided interest):

33.33%

Albert A. Heckes, Trustee –

of the Albert A. Heckes and Marian L. Heckes Revocable Trust – Trust H,  
dated September 29, 1979

3616 Mary Ellen N.E.

Albuquerque, NM 67226

33.33%

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

316-842-5701

16.67%

Westana Leah Heckes

627 Jayhawk

Cheney, KS 67025

**Perth 3302 1-1H**  
**Lease Information Sheet, continued**

**Surface Owner, continued:**

16.67%

Travis Dean Heckes

3101 North Rock Road, Suite 125

Wichita, KS 6726 – OR –

1437 W. Mulberry St.

Olathe, KS 66061