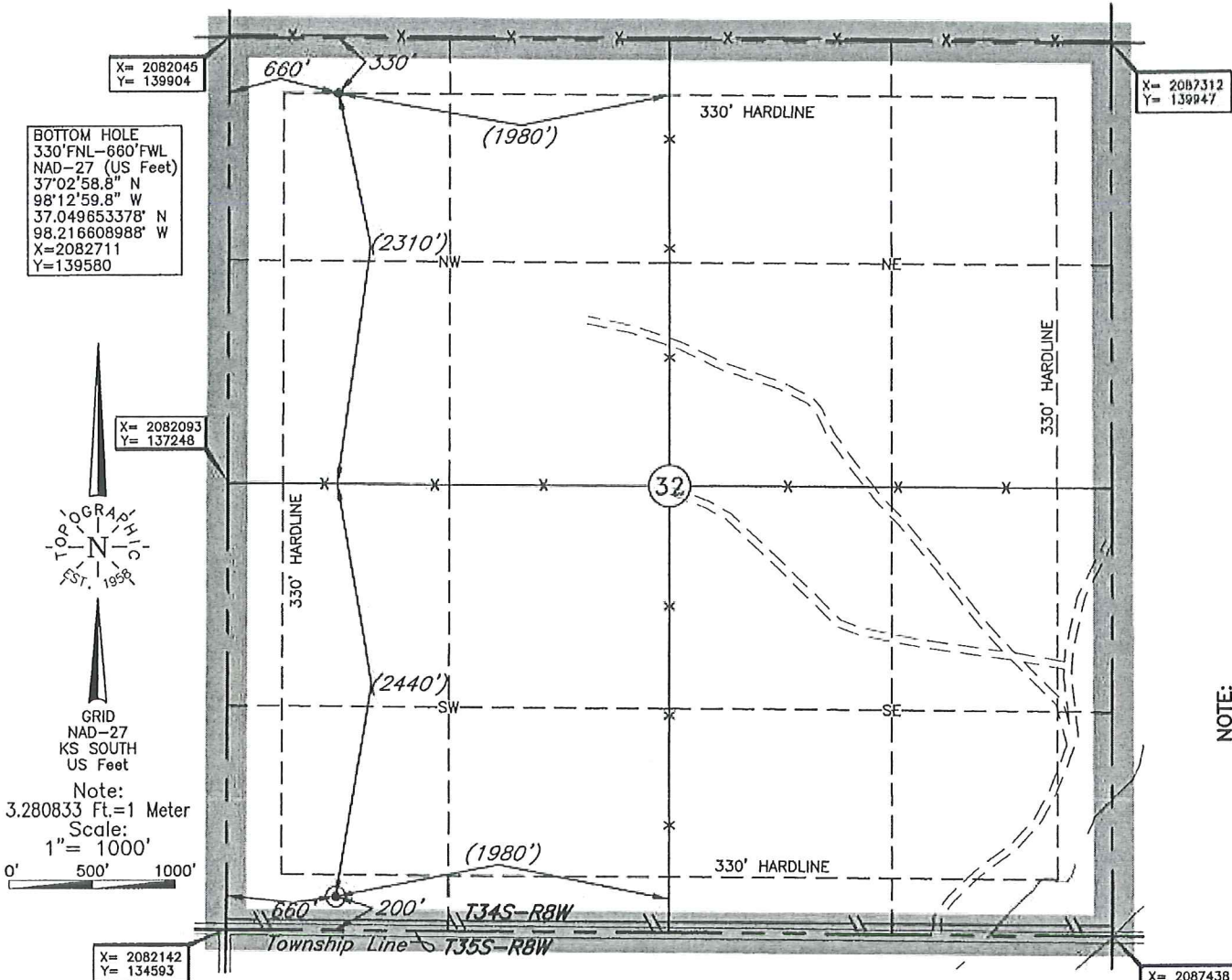


**TOPOGRAPHIC LAND SURVEYORS**

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, 2015

HARPER County, Kansas  
 200'FSL - 660'FWL Section 32 Township 34S Range 8W P.M.



NOTE:  
The information shown herein is for construction purposes ONLY.

**BOTTOM HOLE AND DRILL PATH INFORMATION**  
 (PROVIDED BY OPERATOR LISTED, NOT SURVEYED.)

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: LANIE 3408

Well No.: 4-32H

**ELEVATION:**  
1247' Gr. at Stake

Topography & Vegetation Loc. fell in sloped sandy pasture

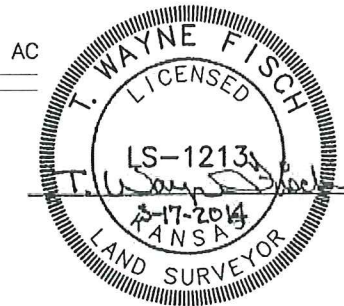
Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From South off county road

Distance & Direction from Hwy Jct or Town From Waldron, KS, go ±2.0 mi. North, then ±2.0 mi. West to the SW Cor. of Sec. 32-T34S-R8W

DATUM: NAD-27  
 LAT: 37°02'11.5"N  
 LONG: 98°12'58.9"W  
 LAT: 37.036523493° N  
 LONG: 98.216359171° W  
 STATE PLANE COORDINATES: (US Feet)  
 ZONE: KS SOUTH  
 X: 2082798  
 Y: 134799

Date of Drawing: Mar. 17, 2014  
 Invoice # 218373 Date Staked: Mar. 12, 2014



**CERTIFICATE:**

I, T. Wayne Fisch a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify to the information shown herein

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

**Lanie 3408 4-32H**

**Harper County**

**Unit Description:**

All of 32-34S-8W

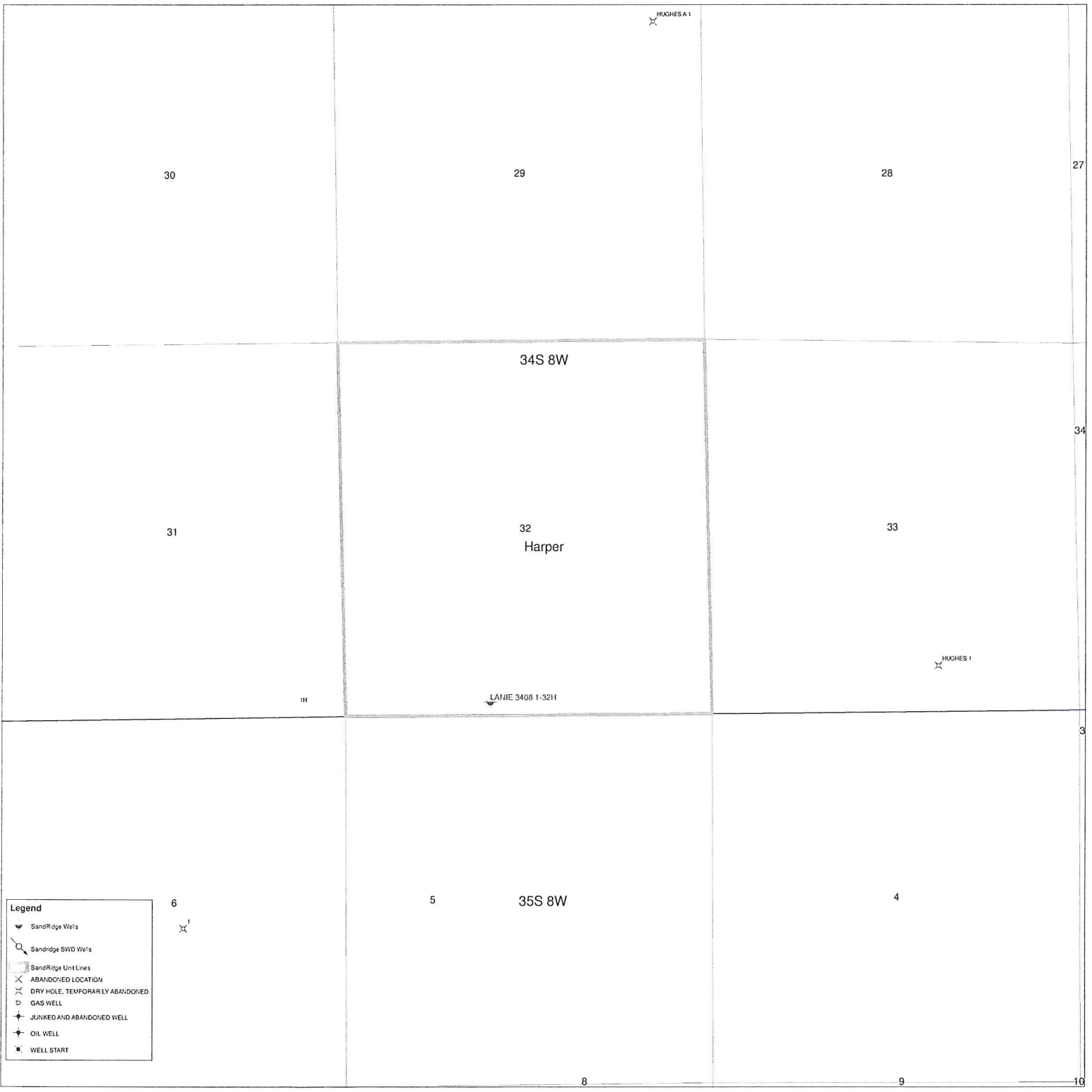
**Surface Owners:**

Lanie Land, LLC

Attn: Kathleen Lanie

80574 McClain Rd

Manchester, OK 73758



**Legend**

- SandRidge Wells
- SandRidge SWD Wells
- SandRidge Unit Lines
- ABANDONED LOCATION
- DRY HOLE, TEMPORARILY ABANDONED
- GAS WELL
- JUNKED AND ABANDONED WELL
- OIL WELL
- WELL START

325'

325'

Proposed Tank Battery  
Location

Lanie 3408 4-32H

Proposed  
Entrance

Proposed Electric Line

