

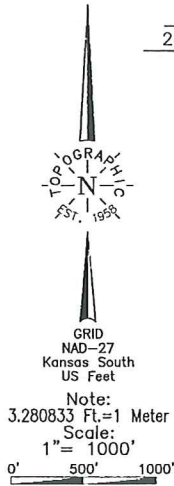
**TOPOGRAPHIC LAND SURVEYORS**

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

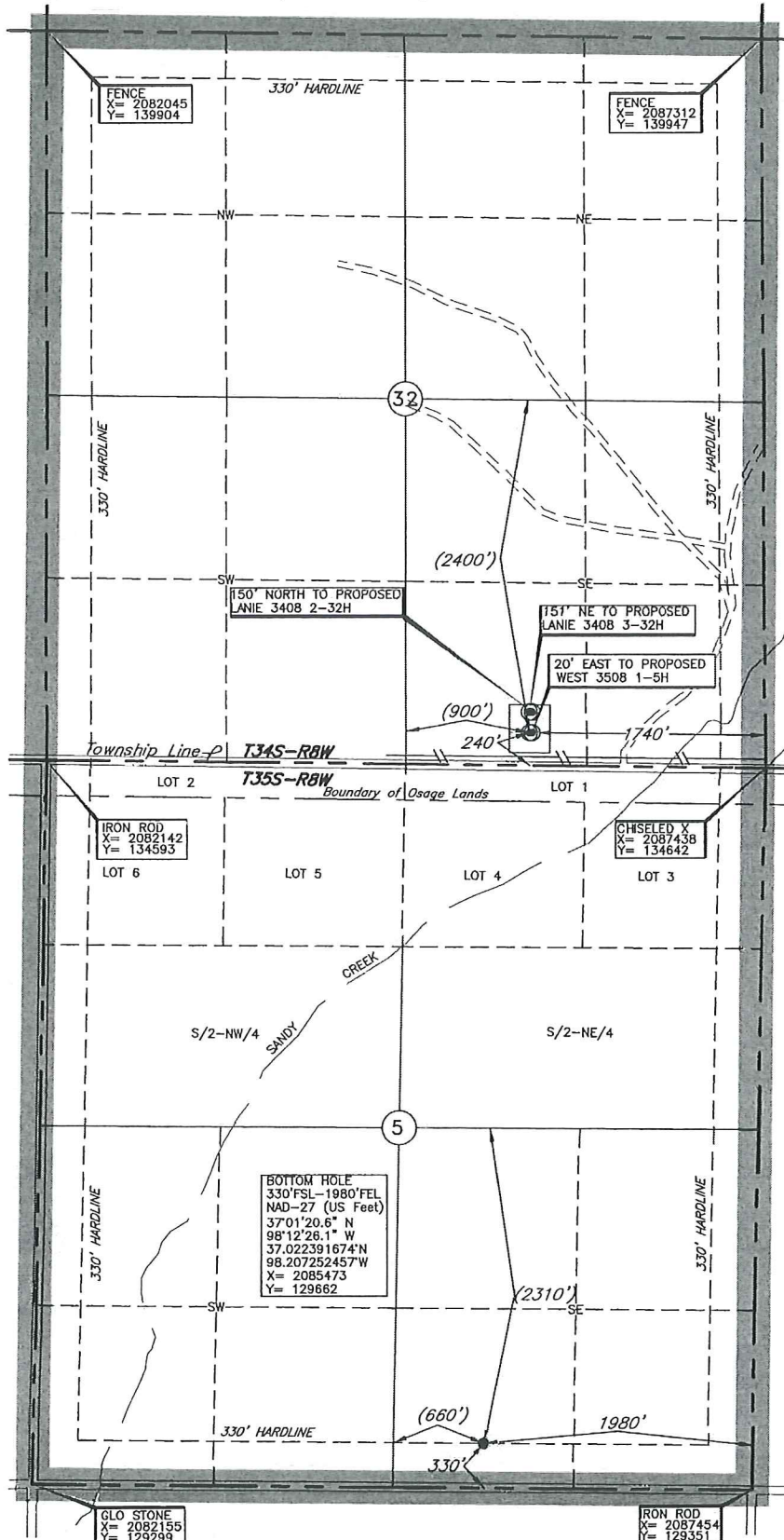
HARPER

County, Kansas

240' FSL - 1740' FEL Section 32 Township 34S Range 8W P.M.



**BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED. 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.



Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC  
 Lease Name: WEST 350B  
 Topography & Vegetation: Loc. fall at level pad  
 Well No.: 2-5H  
 ELEVATION: 1237' Gr. at level pad  
 Reference Stakes or Alternate Location: None  
 Good Drill Site? Yes  
 Best Accessibility to Location: From South off county road  
 Distance & Direction: From Hwy Jct. or Town  
 SE. Cor. of Sec. 32-T34S-R8W

A boundary survey of the said section(s) shown hereon was not performed per the request of the operator shown hereon.

Revision  A Date of Drawing: Dec. 03, 2013  
 Invoice # 211366 Date Staked: Nov. 13, 2013 AC

DATUM: NAD-27  
 LAT: 37°02'12.1"N  
 LONG: 98°12'23.2"W  
 LAT: 37.036682765° N  
 LONG: 98.206447682° W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: KS SOUTH  
 X: 2085692  
 Y: 134866

**CERTIFICATE:**

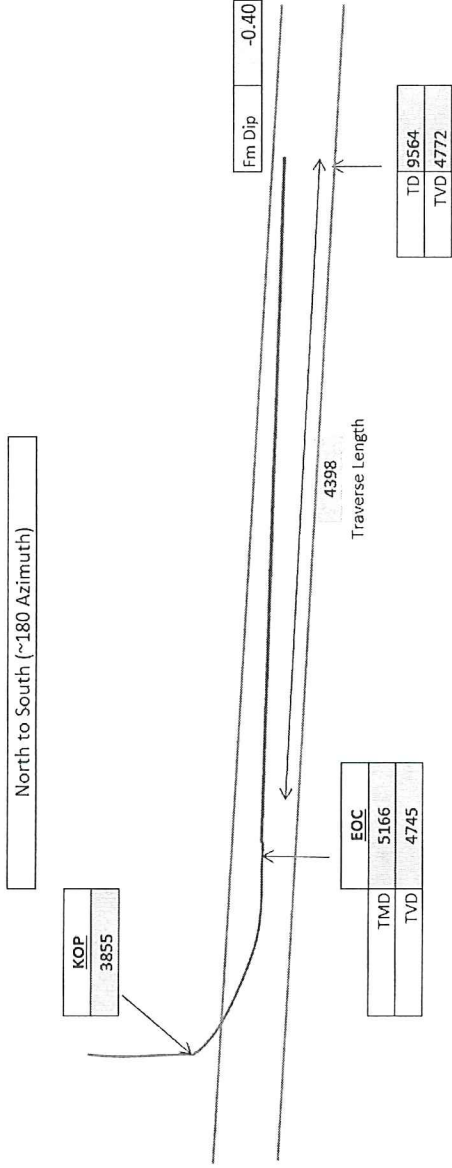
I, T. Wayne Fisch a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.



Target Line	
TVD @ 0' VS	4,740
INC	89.65

	SHL	BHL
X NAD 27	2,085,692	2,085,473
Y NAD 27	134,866	129,662

Total VS	5,208.61
EOC (MD)	5,166.13
EOC (TVD)	4,744.95
KOP	3,855.34
Azimuth	182.41
Traverse Length	4,398.31
TD (MD)	9,564.43
TVD @ TD	4,771.82
TVD displacement / EOC to TD	26.87



Operator

SandRidge Energy

Well Name and Number

West 3508 2-5H

Well Surface Location

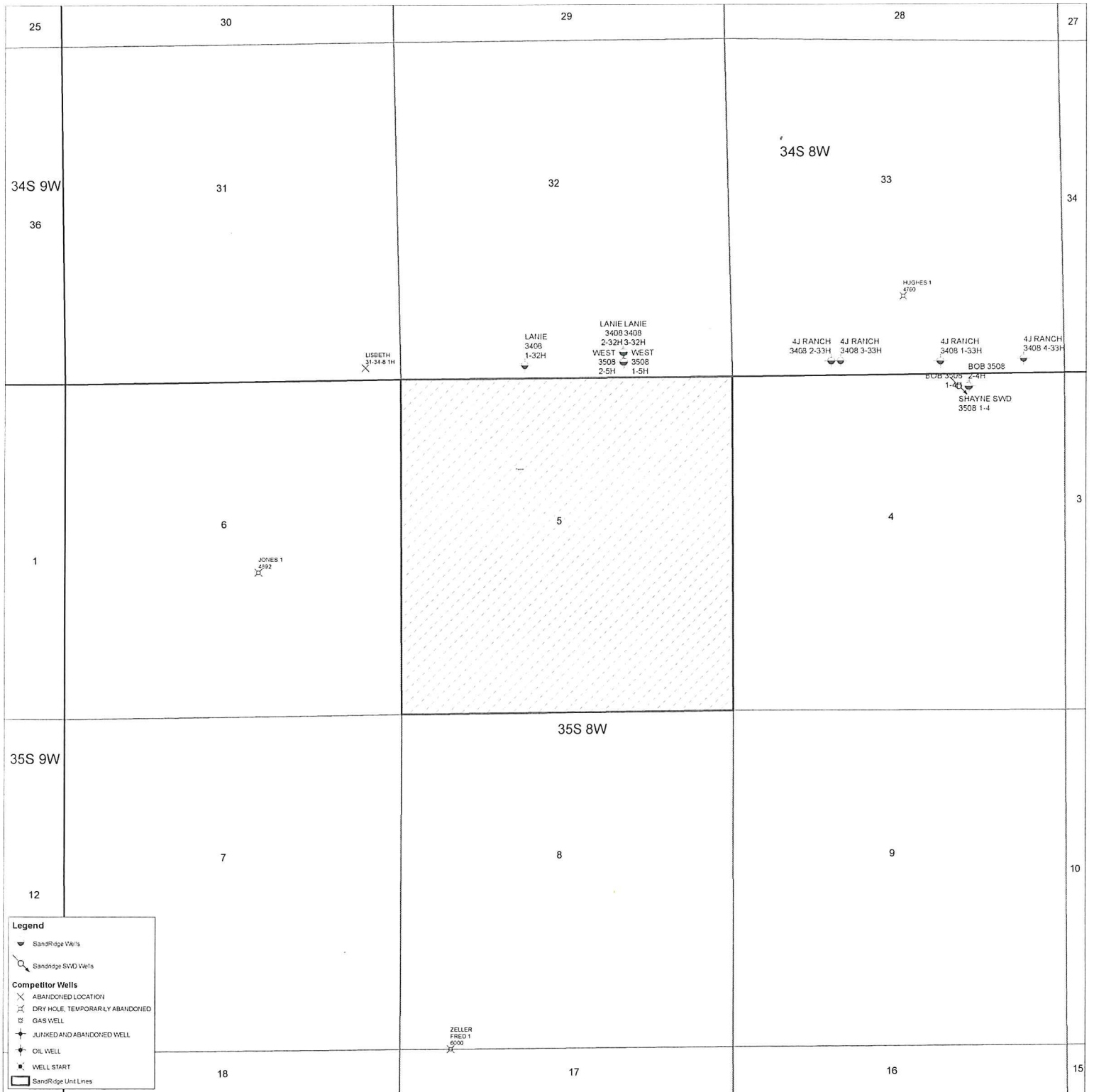
240' FSL & 1740' FEL of 32-34S-8W

Well Bottom Hole Location

330' FSL & 1980' FEL of 5-35S-8W

County and State

Harper County, Kansas



25	30	29	28	27
34S 9W 36	31	32	34S 8W 33	34
1	6	5	4	3
35S 9W 12	7	8	9	10
18	17	16	15	

**West 3508 2-5H**  
**Lease Information Sheet**

**Unit Description:**

All of Section 5-35S-08W

Harper County, KS

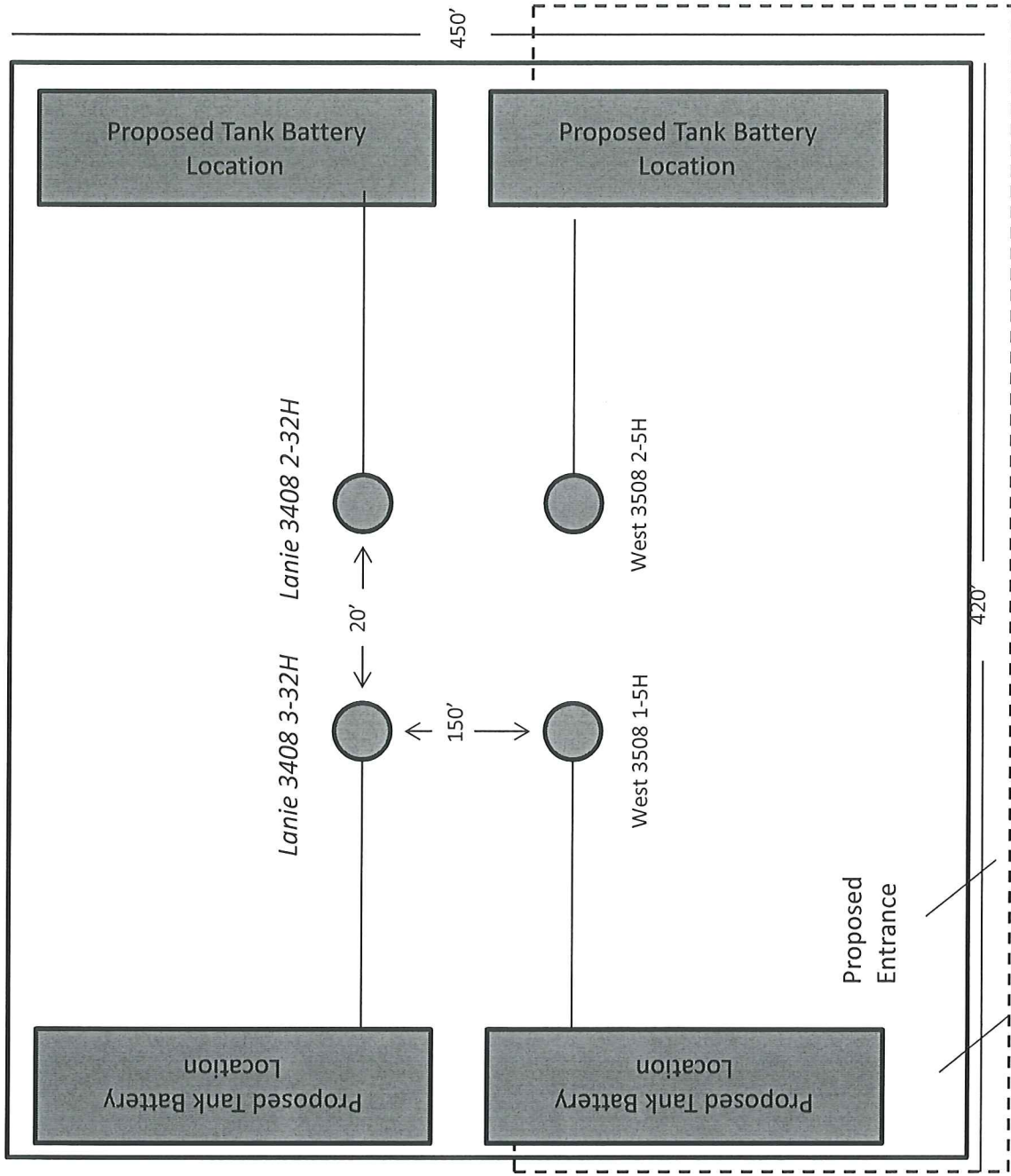
**Surface Owners:**

Lanie Land, LLC

80574 McClain Rd

Manchester, OK 73758

# West 3508 1-5H & West 3508 2-5H



Proposed Electric Line