

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

225' FSL-1320' FWL Section 4 Township 35S Range 8W P.M.

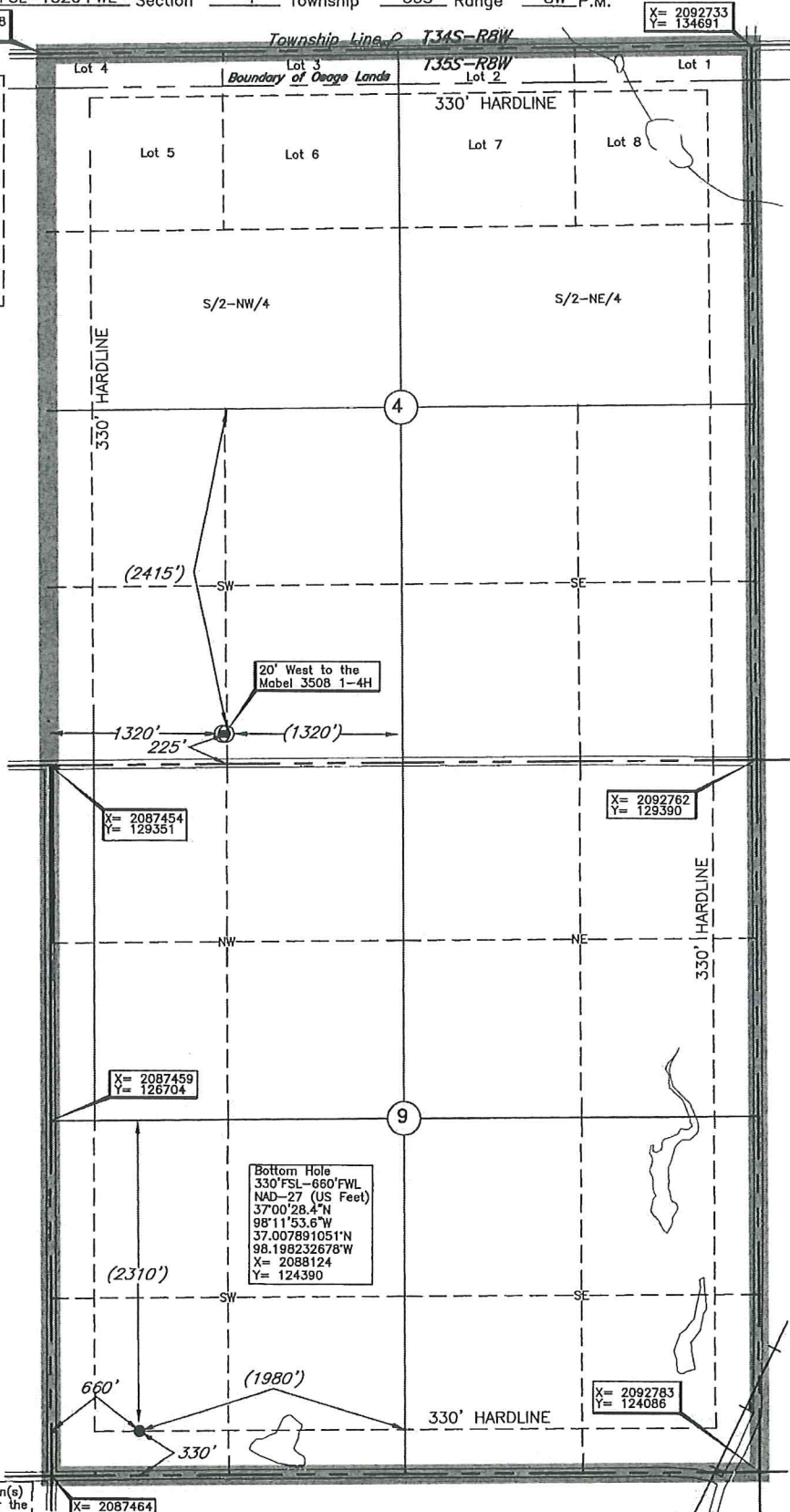
X= 2092733
Y= 134691

Bottom Hole Information Provided by Operator. Listed, NOT Surveyed.

Distances shown in parentheses are calculated based upon the Quarter Section being 2640 feet, those shown in brackets are based on GDA (General Land Office) distances and have NOT been measured on the ground.

GRID
NAD-27
Kansas South
US Feet

Note:
3.280833 Ft.=1 Meter
Scale:
1" = 1000'
0' 500' 1000'



Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC
 Lease Name: MABEL 350B
 Topography & Vegetation Loc. fell in sloped terraced wheat field
 Good Drill Site? Yes No
 Reference Stakes or Alternate Location Stakes Set None
 Best Accessibility to Location From South off county road
 Distance & Direction from Hwy Jet or Town From Waldron, KS. go ±1 mile North, then ±1 mile West to the SW Cor. of Sec. 4-T35S-R8W

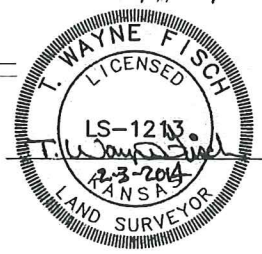
Well No.: 2-9H
 ELEVATION: 1268' Gr. of Stake

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

DATUM: NAD-27
 LAT: 37°01'19.8"N
 LONG: 98°11'45.4"W
 LAT: 37.022155660° N
 LONG: 98.195948452° W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: KS SOUTH
 X: 2088774
 Y: 129586

Invoice # 215484A Date Staked: Jan. 31, 2014
 Feb. 03, 2014

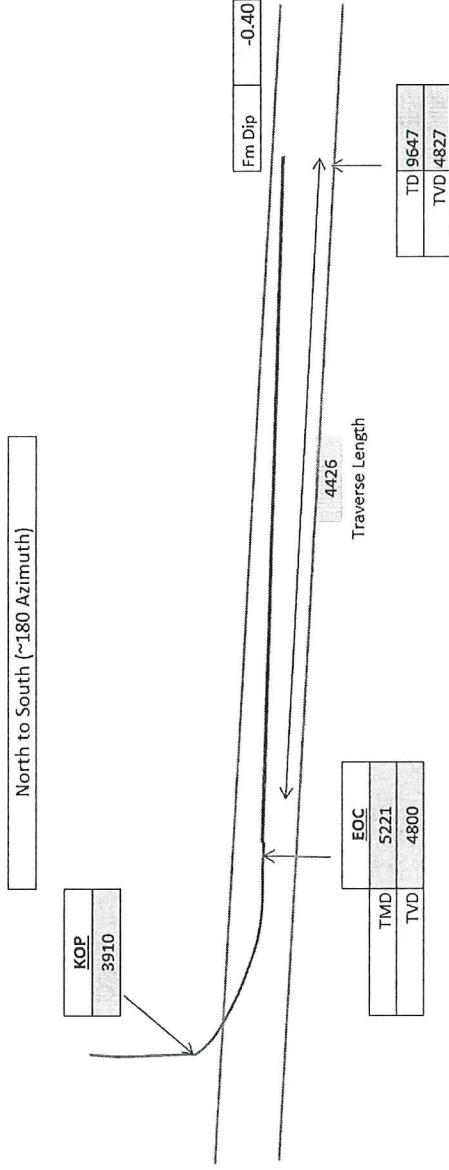
CERTIFICATE:
 I, T. Wayne Fisch a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify to the information shown herein.



Target Line	4,795
TVD @ 0' VS	89.65
INC	

	SHL	BHL
X NAD 27	2,088,774	2,088,124
Y NAD 27	129,586	124,390

Total VS	5,236.50
EOC (MD)	5,221.13
EOC (TVD)	4,799.95
KOP	3,910.34
Azimuth	187.13
Traverse Length	4,426.20
TD (MD)	9,647.33
TVD @ TD	4,826.99
TVD displacement f/ EOC to TD	27.04



Operator

SandRidge Energy

Well Name and Number

Mabel 3508 2-9H

Well Surface Location

225' FSL & 1320' FWL of 4-35S-8W

Well Bottom Hole Location

330' FSL & 660' FWL of 9-35S-8W

County and State

Harper County, Kansas

Mabel 3508 2-9H
Lease Information Sheet

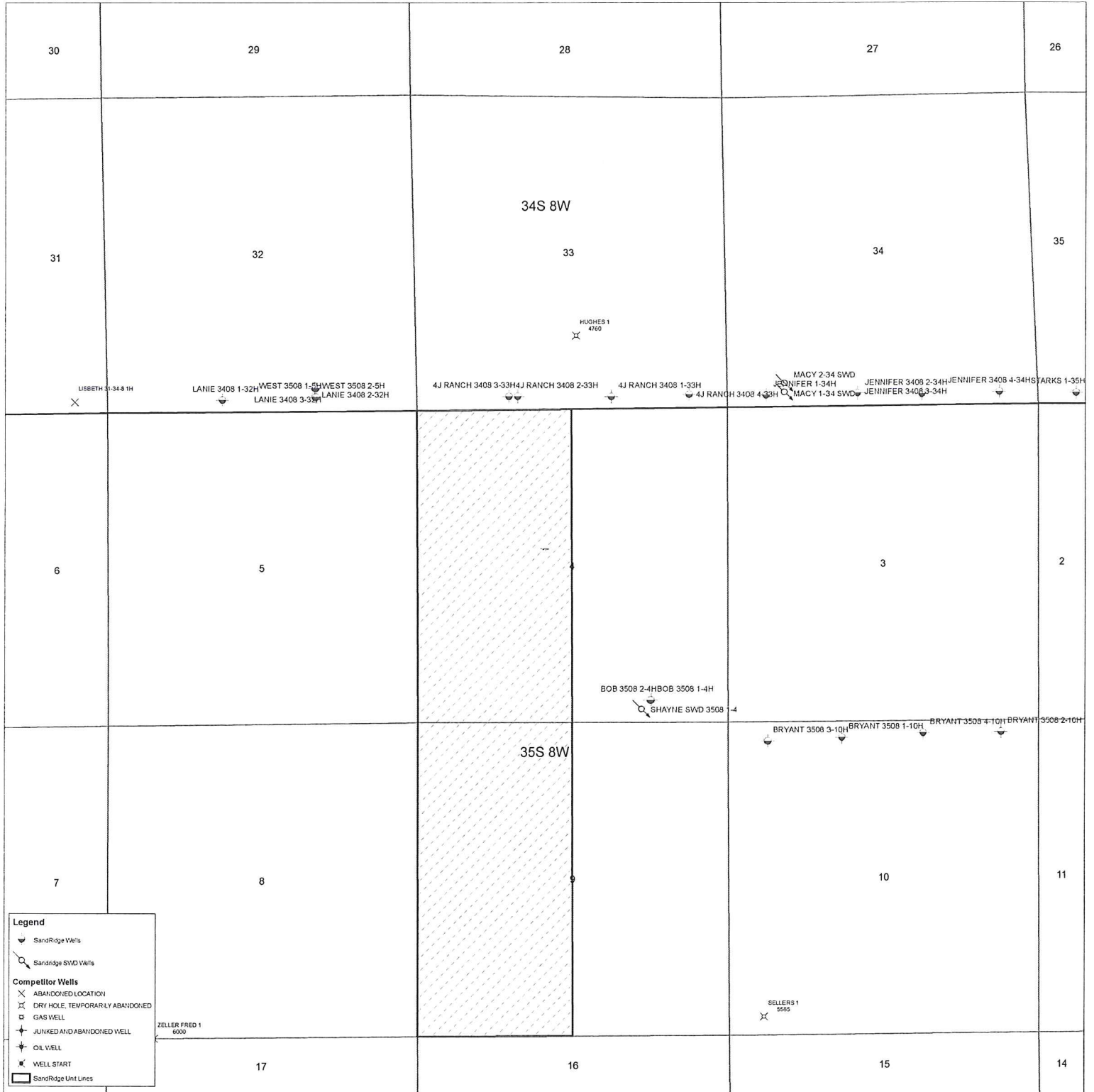
Unit Description:

W2 of Section 4-35S-08W & the
W2 of Section 9-35S-08W
Harper County, KS

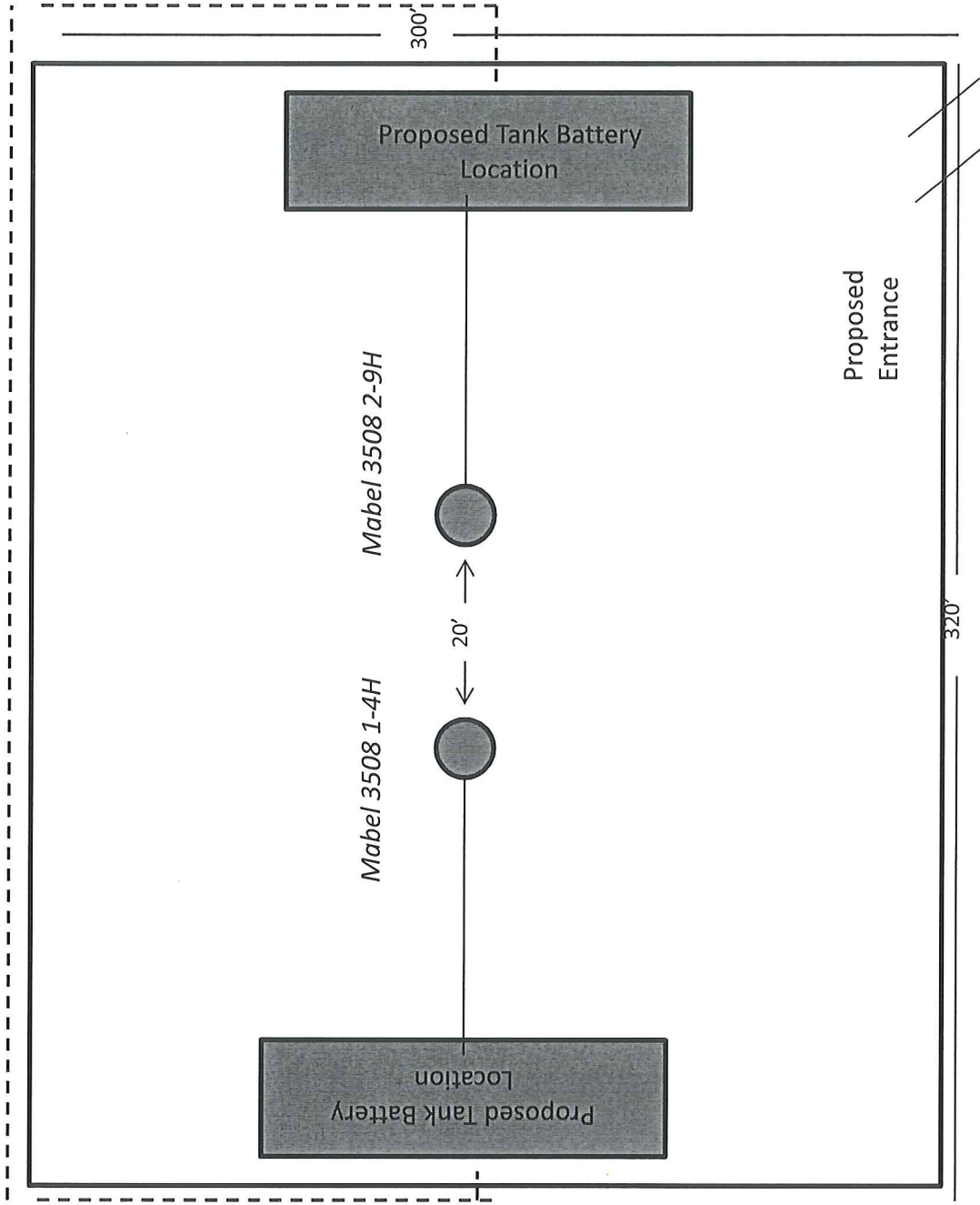
Surface Owner:

Randall D Patterson
PO Box 393
Anthony, KS 67003-0393

UNIT Plat



Mabel 3508 1-4H & Mabel 3508 1-9H



Proposed Electric Line