

TOPOGRAPHIC LAND SURVEYORS

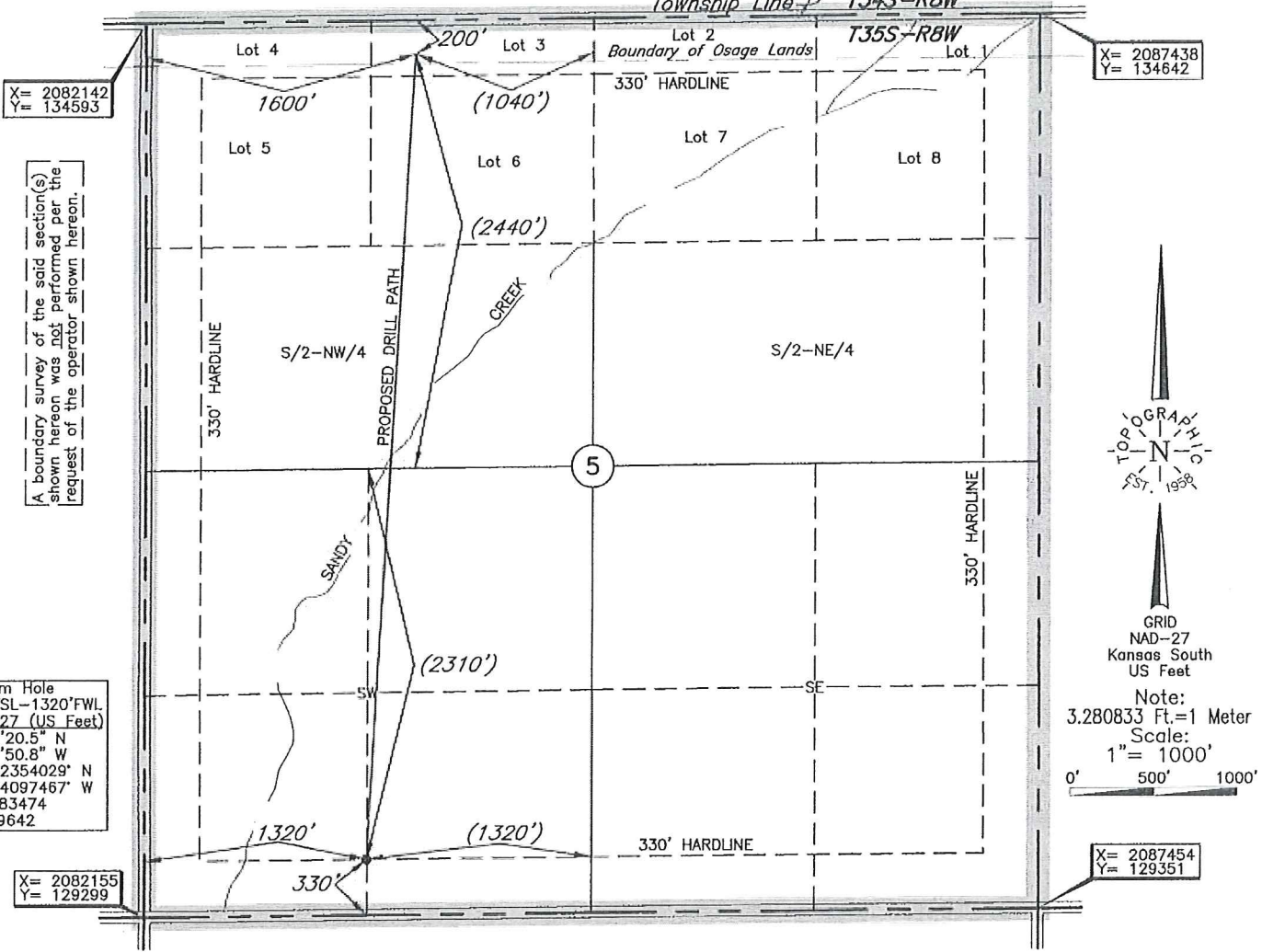
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. LS-99, Exp. Dec. 31, 2015

HARPER

County, Kansas

200'FNL - 1600'FWL Section 5 Township 35S Range 8W P.M.

Township Line - T34S-R8W



X= 2082142
Y= 134593

X= 2087438
Y= 134642

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

Bottom Hole
330'FSL-1320'FWL
NAD-27 (US Feet)
37°01'20.5" N
98°12'50.8" W
37.022354029° N
98.214097467° W
X=2083474
Y=129642

TOPOGRAPHIC
N
1958
GRID
NAD-27
Kansas South
US Feet
Note:
3.280833 Ft.=1 Meter
Scale:
1" = 1000'
0' 500' 1000'

X= 2082155
Y= 129299

X= 2087454
Y= 129351

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 GLD (General Land Office) distances and have NOT been measured on the ground.

Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC

Lease Name: WEST 3508

Well No.: 3-5H

ELEVATION:
1242' Gr. at Stake

Topography & Vegetation Loc. fell in level sandy pasture, ±175' East of fence

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

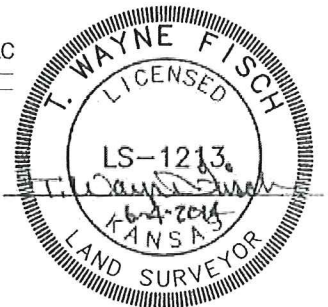
Best Accessibility to Location From North off county road

Distance & Direction from Hwy Jct or Town From Waldron, OK, go ±2.0 mi. North, then ±2.0 mi. West to the NW Cor. of Sec. 5-T35S-R8W

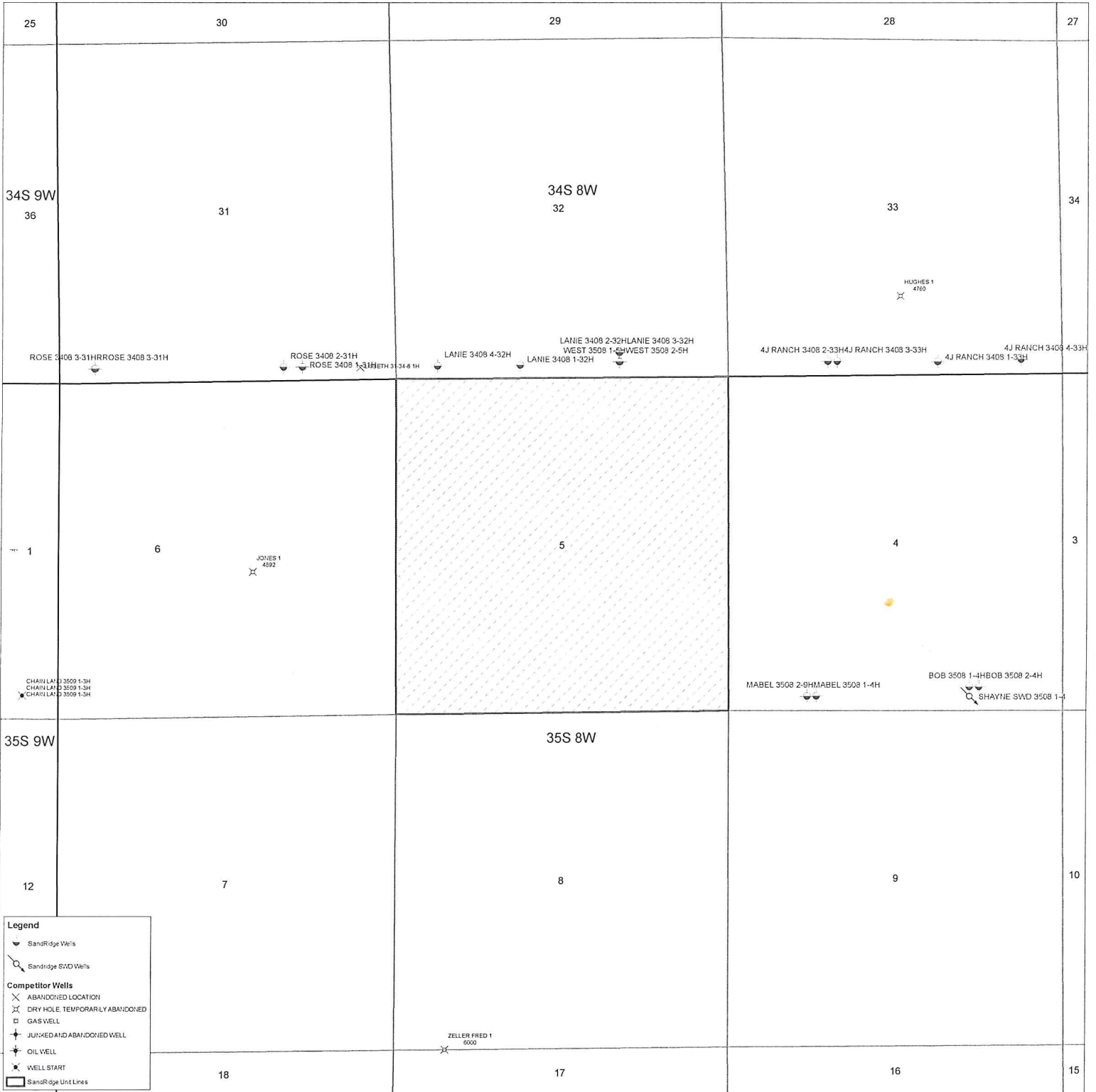
DATUM: NAD-27
LAT: 37°02'07.6"N
LONG: 98°12'47.3"W
LAT: 37.035440170° N
LONG: 98.213129228° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: KS SOUTH
X: 2083743
Y: 134407

Invoice # 223563 Date of Drawing: Jun. 04, 2014
Date Staked: Jun. 02, 2014 AC

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.



West 3508 3-5H
Lease Information Sheet

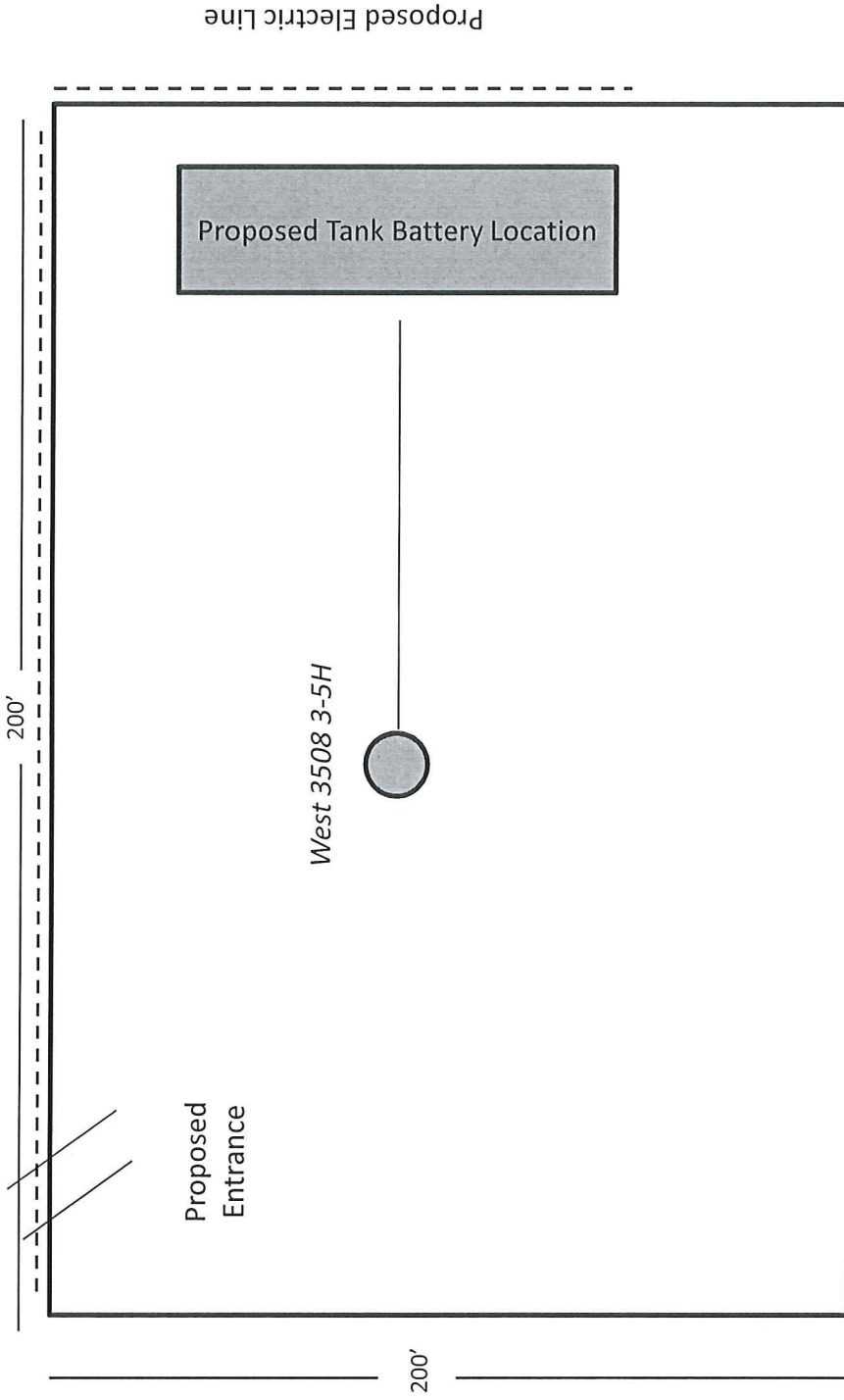
Unit Description:

All of Section 5, T35S-R8W
Harper County

Surface Owner:

Hughes Ranch Corporation
Dean Wesley Hughes II, President
633 SW 70th Road
Waldron, Kansas 67150

West 3508 3-5H



This plat is a proposed location of well facilities on the drilling pad and may not be the location after completion. Always refer to the KS Survey Plat for legal location of well.