

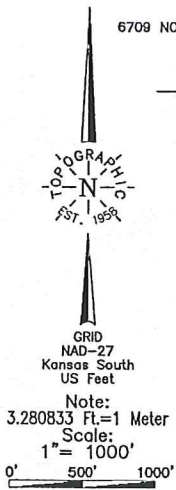
TOPOGRAPHIC LAND SURVEYORS

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

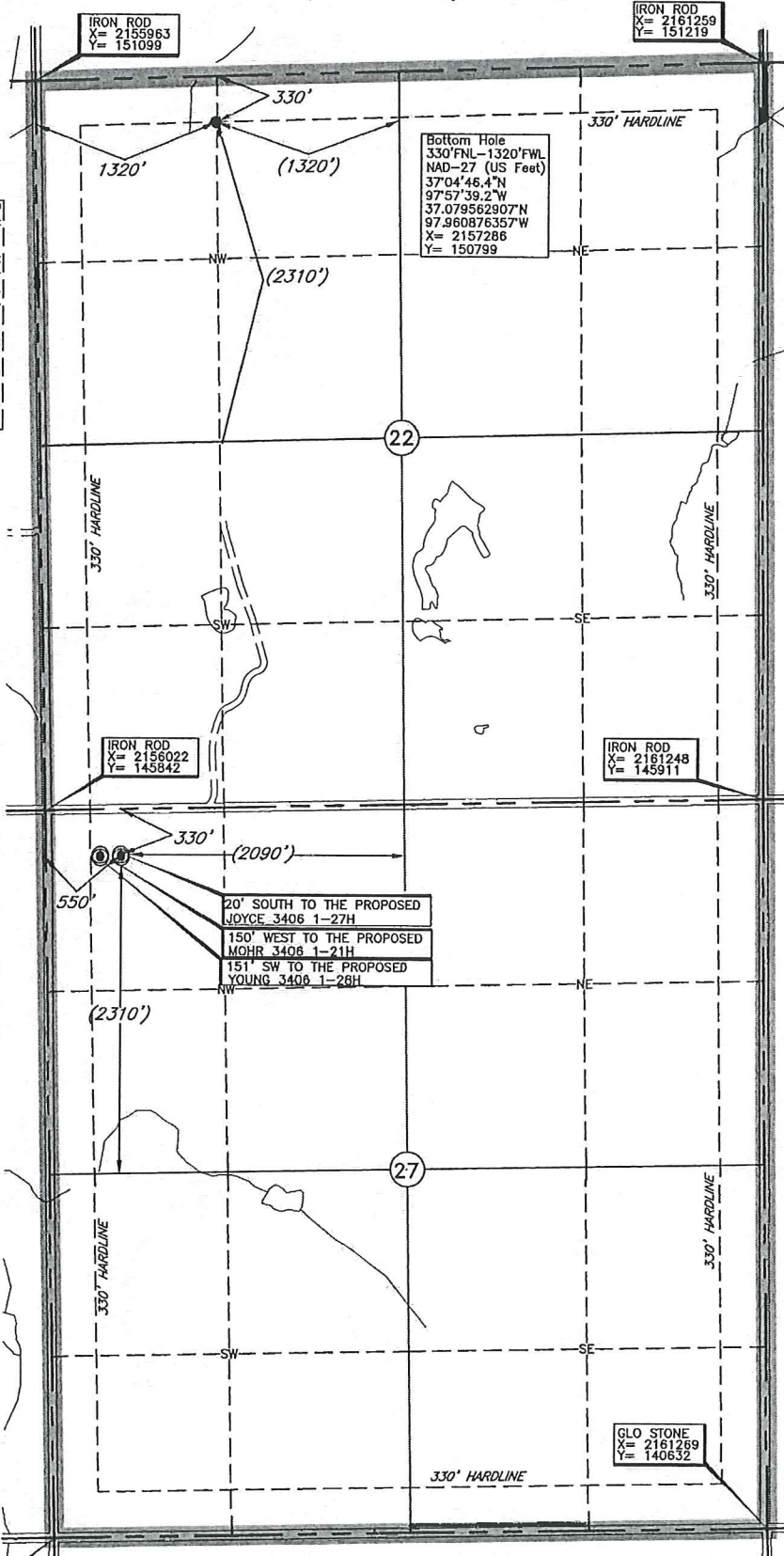
HARPER

County, Kansas

330'FNL-550'FWL Section 27 Township 34S Range 6W P.M.



Bottom Hole Information Provided by Operator Listed NAD Surveyed. Corner Coordinates are Taken from State 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 GLD (General Land Office) distances and have IODI beam measured on the ground.

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

Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC
 Lease Name: RUTH 3406
 Topography & Vegetation: Loc. fall in sloped terraced wheat field South & East of SWD pipeline
 Well No.: 1-22H
 ELEVATION: 1320' Gr. at Stake
 Good Drill Site? Yes
 Reference Stakes or Alternate Location: Stakes Set None
 Best Accessibility to Location: From North of county road
 Distance & Direction from Hwy Jct or Town: From Anthony, KS, go 4.6 miles South, then 4.4 miles East to the NW Cor. of Sec. 27-134S-6W

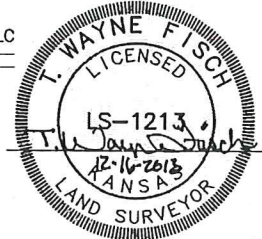
IRON ROD
 X= 2156081
 Y= 140575

Revision A Date of Drawing: Dec. 16, 2013
 Invoice #211979B Date Staked: Nov. 22, 2013 LC

DATUM: NAD-27
 LAT: 37°03'54.3"N
 LONG: 97°57'48.3"W
 LAT: 37°06'50.72620" N
 LONG: 97°56'34.17374" W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: KS SOUTH
 X: 2156575
 Y: 145519

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.



This information was gathered with a GPS receiver with a 1:100,000 accuracy.

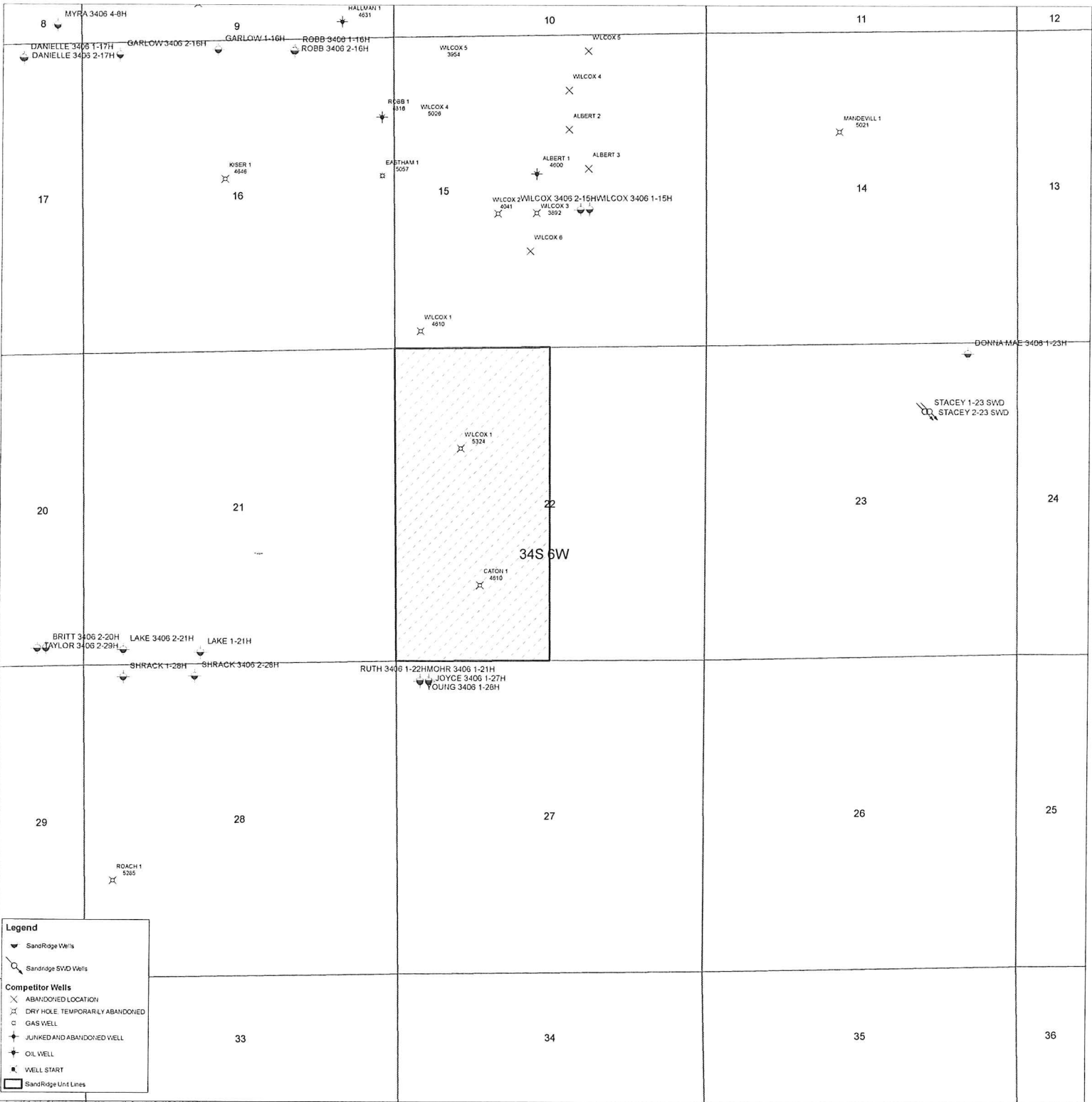
Ruth 3406 1-22H
Lease Information Sheet

Unit Description:

W2 Section 22-34S-06W
Harper County

Surface Owners:

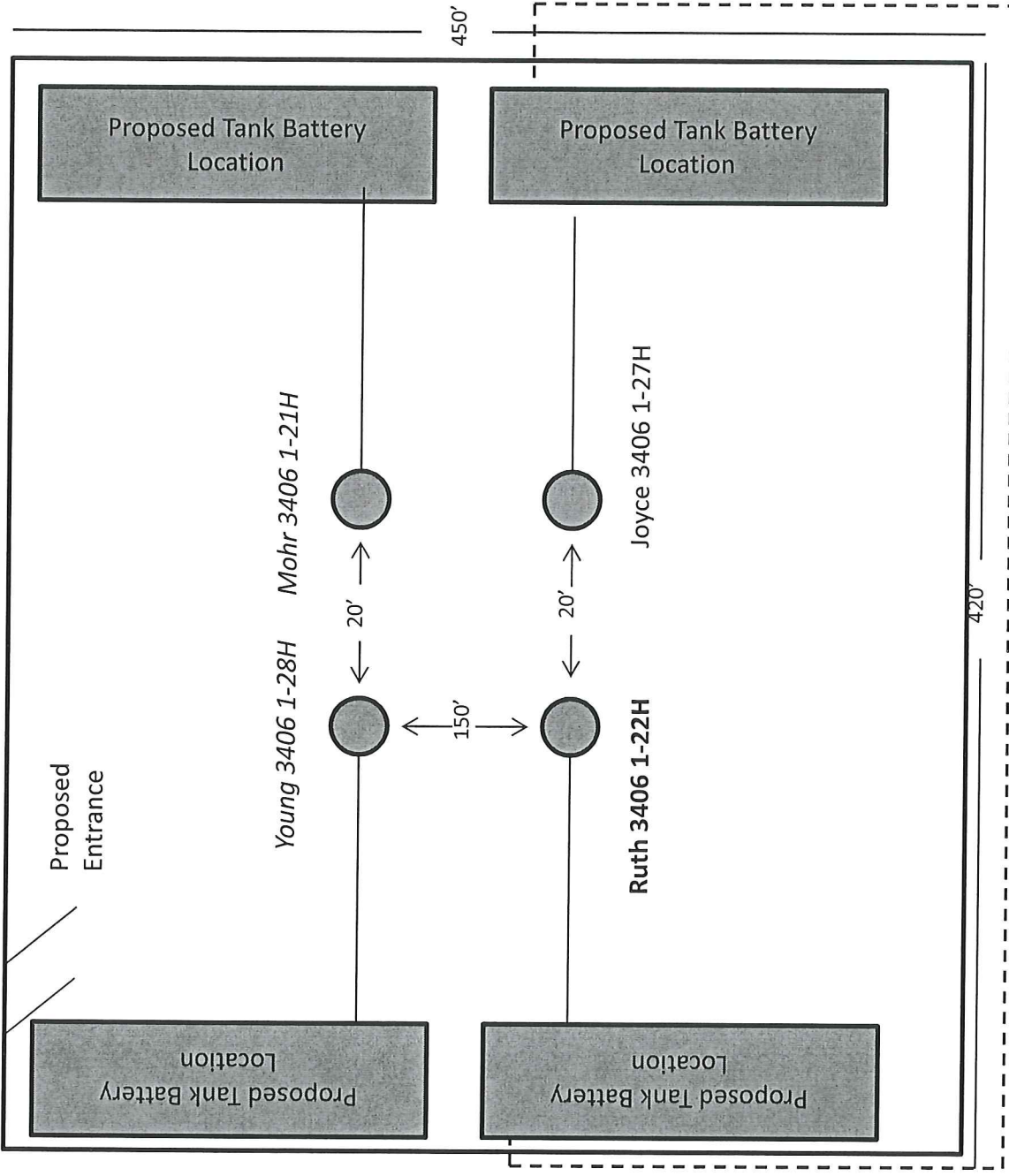
Herbert L. Wilcox, Jr.
462 SE 40th Ave
Anthony, KS 67003



Legend

- ▼ SandRidge Wells
- SandRidge SWD Wells
- Competitor Wells
 - × ABANDONED LOCATION
 - ⊗ DRY HOLE TEMPORARILY ABANDONED
 - GAS WELL
 - ⊕ JUNKED AND ABANDONED WELL
 - ★ OIL WELL
 - ⬮ WELL START
 - ▭ SandRidge Unit Lines

Ruth 3406 1-22H, Mohr 3406 1-21H, Joyce 3406 1-27H & Young 3406 1-28H



Proposed Electric Line