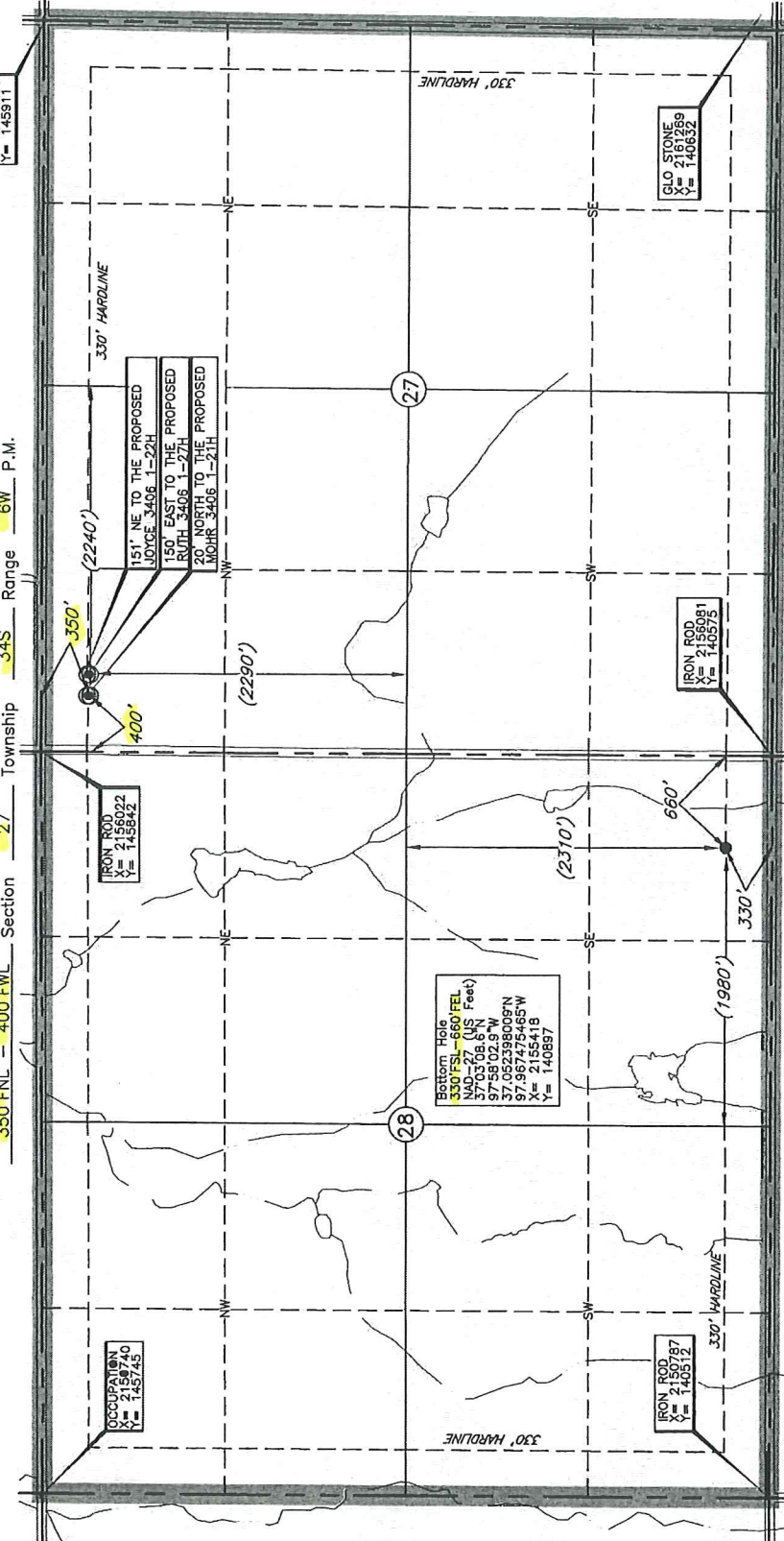


TOPOGRAPHIC LAND SURVEYORS

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA., 73116 • LOCAL (405) 843-4847 • OUT OF STATE (800) 854-3219
Certification No. 39, Exp. June 30, 2013

County, Kansas
34S Range 6W P.M.
Township 27 Section 27

IRON ROD
X= 2159748
Y= 145911



Bottom Hole Information Provided by Operator Listed, NOT Surveyed. Corner Coordinates are Taken from Points Surveyed in the Field.

Distances shown in parentheses 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.

Note:
3.280833 Ft=1 Meter
Scale:
1" = 1000'

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

DATUM: NAD-27
LAT: 37°03'54.1"N
LONG: 97°57'50.2"W
LAT: 37°06'50.14949"N
LONG: 97°56'39.30699"W
STATE PLANE
COORDINATES: (US Feet)
ZONE: KS SOUTH
X: 2156426
Y: 145497

A boundary survey of the said section(s) shown herein was made by the operator shown hereon.

Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC
Lease Name: YOUNG 3406
Well No.: 1-28H
ELEVATION: 1320' Gr. at Stake
Topography & Vegetation: Loc. fell in sloped terraced wheat field South & East of SWD pipeline
Reference Stakes or Alternate Location: Stakes Set None
Good Drill Site? Yes
Best Accessibility to Location: From North off county road
Distance & Direction: from Hwy Jct or Town From Anthony, KS, go ±6 miles South, then ±4 miles East to the NW Cor. of Sec. 27-T34S-R6W

IRON ROD
X= 2159748
Y= 145975

IRON ROD
X= 2156426
Y= 145497

IRON ROD
X= 2159748
Y= 145745

IRON ROD
X= 2159748
Y= 145922

IRON ROD
X= 2161269
Y= 140632

Date Drawn: Nov. 25, 2013
Invoice # 211979A Date Staked: Nov. 22, 2013
LC

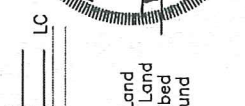
IRON ROD
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IRON ROD
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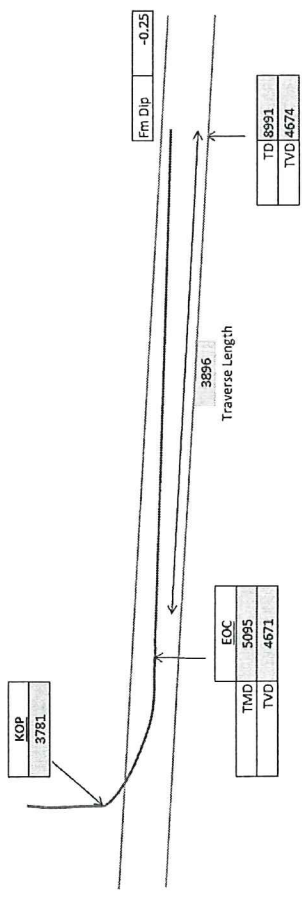
CERTIFICATE:
I, T. Wayne Fisch, a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.

Target Line	4.670
TVD @ 0' VS	89.95
INC	

	SHL	BHL
X NAD 27	2,156,426	2,155,418
Y NAD 27	145,497	140,897

Total VS	4,709.15
EOC (MD)	5,094.88
EOC (TVD)	4,670.71
KOP	3,781.09
Azimuth	192.36
Traverse Length	3,895.77
TD (MD)	8,990.64
TVD @ TD	4,674.11
TVD displacement / EOC to TD	3.40

North to South (°180 Azimuth)



Operator
Sandridge Energy
Well Name and Number
Young 3406 1-28H
Well Surface Location
350' FNL & 400' FMI of 27-34S-6W
Well Bottom Hole Location
330' FSL & 660' FEL of 28-34S-6W
County and State
Harper County, Kansas

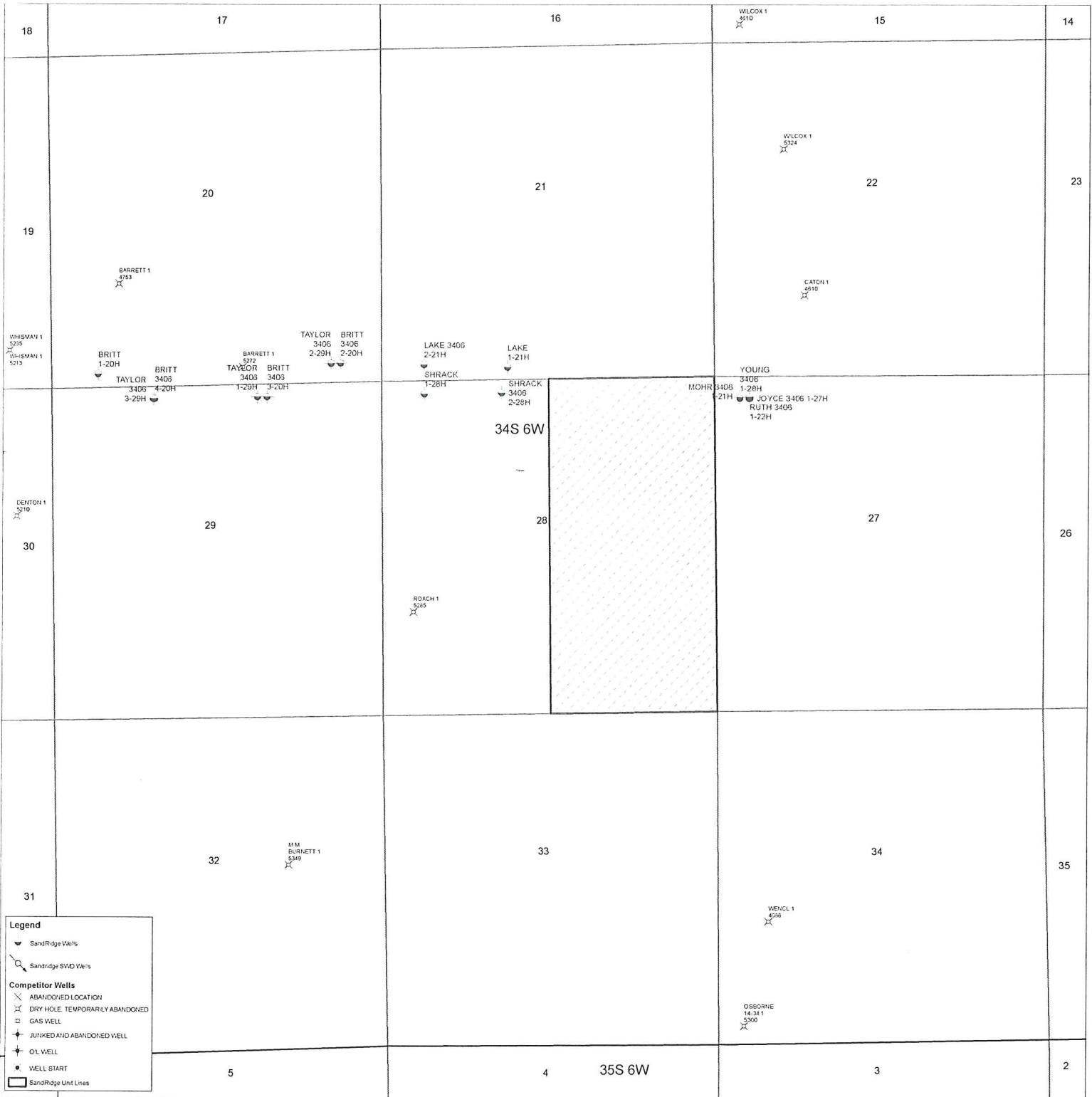
Young 3406 1-28H
Lease Information Sheet

Unit Description:

E/2 of Section 28-34S-06W
Harper County, Kansas

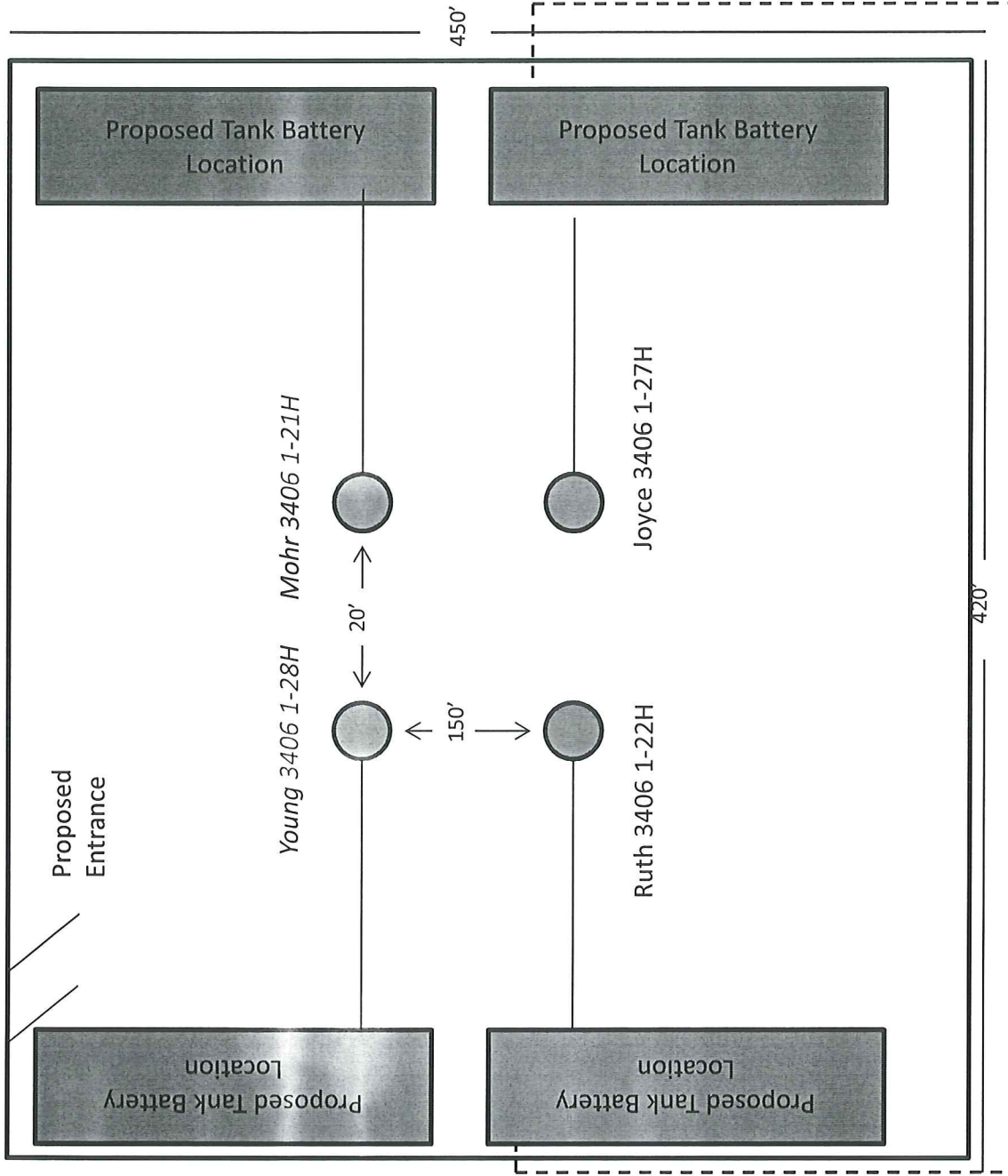
Surface Owners:

04 Lake and Land
PO Box 3886
Wichita, Kansas 67201
316-265-5585 (Paul Mohr)



UNIT OUTLINE
E/2 of 28-34S-6W

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



Proposed Electric Line