

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

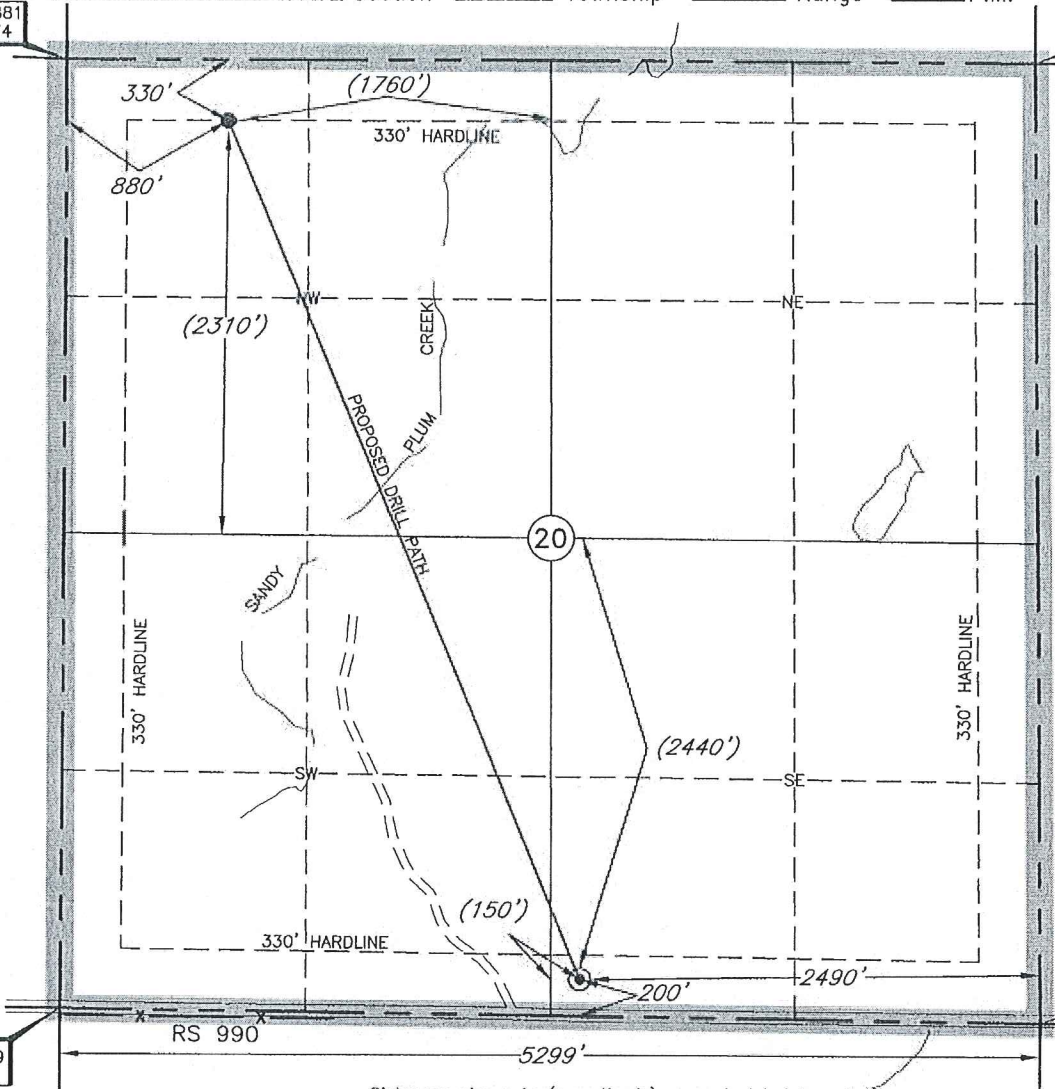
County, Kansas

200'FSL-2490'FEL Section 20 Township 34S Range 8W P.M.

X 2081881
Y 150374

X 2087114
Y 150433

Bottom Hole
330'FNL-880'FWL
NAD-27 (US Feet)
37°04'42.3"N
98°12'58.7"W
37.078420700°N
98.216312711°W
X= 2082766
Y= 150054



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

X 2081959
Y 145203

X 2087259
Y 145215

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

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

Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC

Lease Name: M KITTS 3408

Well No.: 1-20H

ELEVATION:
1268' Gr. at Stake

Topography & Vegetation Loc. fell in sloped sandy pasture, 75' NW of NE-SW fence

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From South off county road

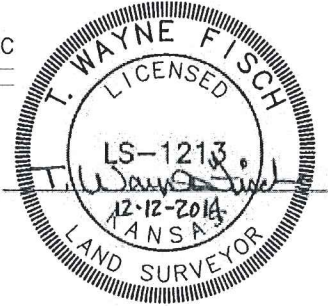
Distance & Direction
from Hwy Jct or Town From Waldron, Ks, go ±4 miles North, then ±2 miles West to the SW Cor. of Sec. 20-T34S-R8W

DATUM: NAD-27
LAT: 37°03'56.3"N
LONG: 98°12'34.3"W
LAT: 37.065648238° N
LONG: 98.209518003° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: KS SOUTH
X: 2084762
Y: 145410

Date of Drawing: Dec. 12, 2014
Invoice # 236887 Date Staked: Dec. 11, 2014 LC

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.

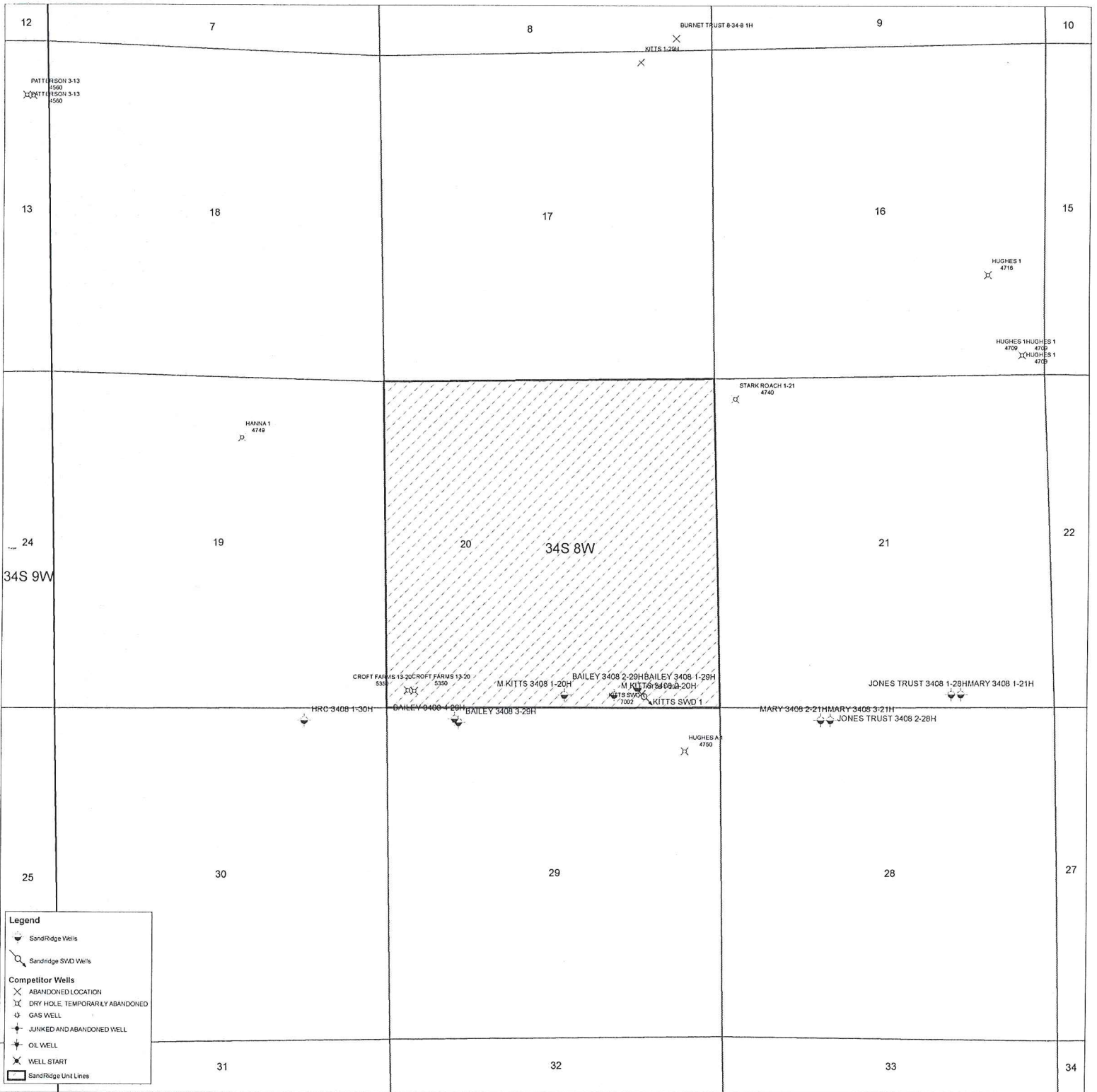
M Kitts 3408 1-20H
Lease Information Sheet

Unit Description:

All of Section 20-T34S-R8W
Harper County, KS

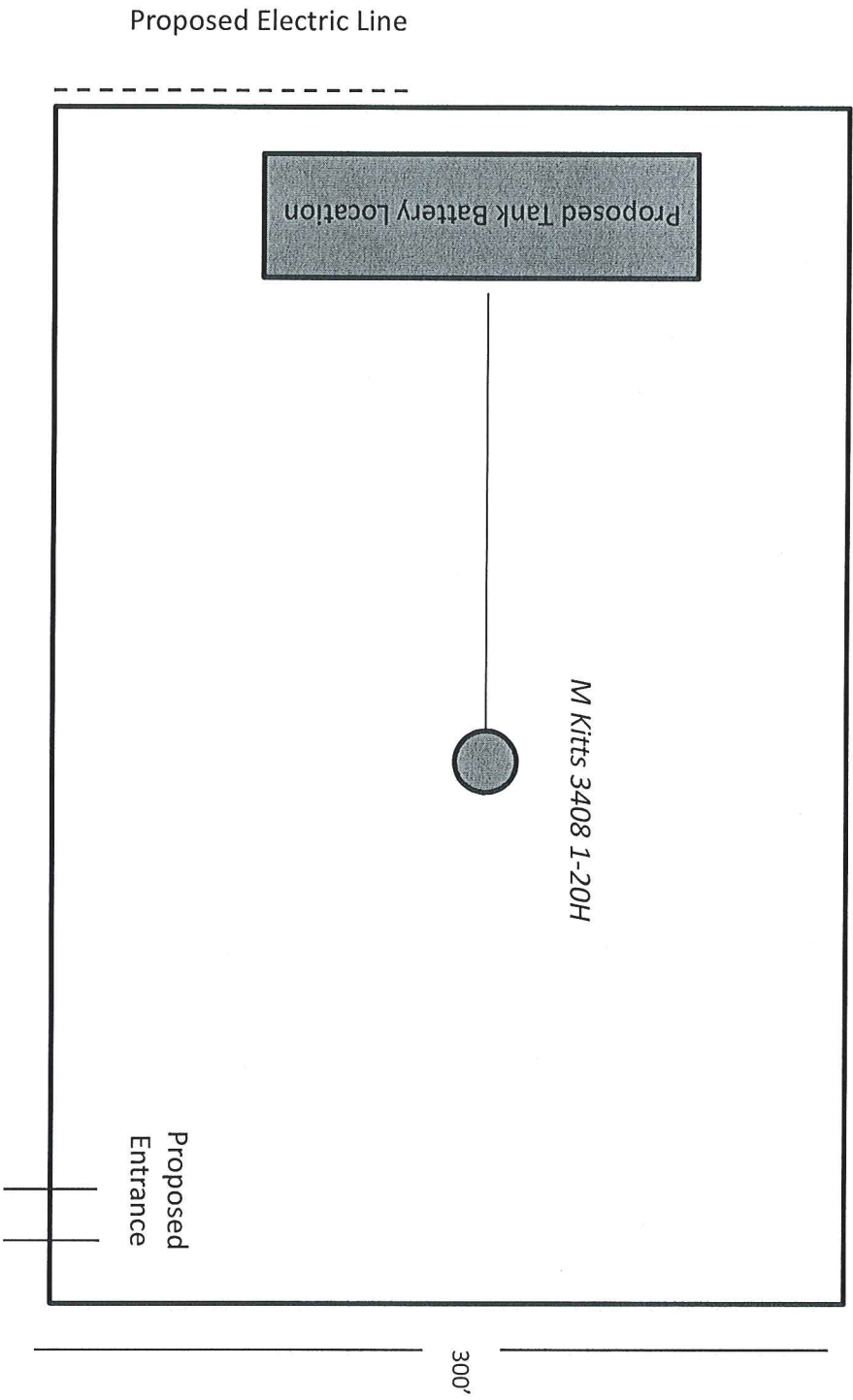
Surface Owner:

Synda L. Kitts and Melvin E Kitts
Co-Trustees of the
Synda S Kitts Trust No. 1
Goddard, KS 67052



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M Kitts 3408 1-20H



This plat is proposed information only and is not meant to designate final location of well or facilities. Please refer to the Kansas Survey Plat for well location.