

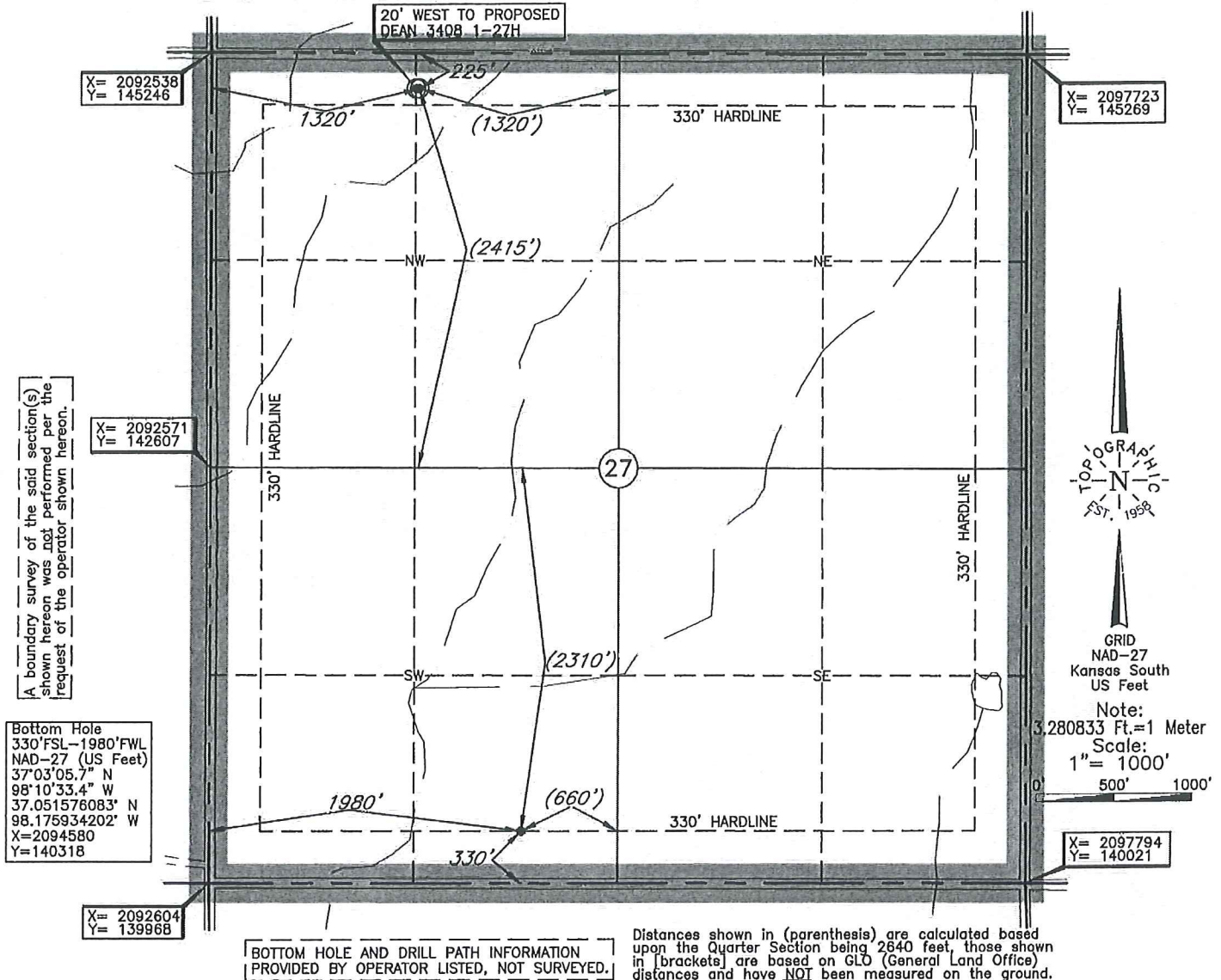
TOPOGRAPHIC LAND SURVEYORS

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'FNL - 1320'FWL Section 27 Township 34S Range 8W P.M.



X= 2092538
Y= 145246

X= 2097723
Y= 145269

X= 2092571
Y= 142607



GRID
NAD-27
Kansas South
US Feet

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

X= 2097794
Y= 140021

X= 2092604
Y= 139968

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-1980'FWL
NAD-27 (US Feet)
37°03'05.7" N
98°10'33.4" W
37.051576083' N
98.175934202' W
X=2094580
Y=140318

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.

Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC

ELEVATION:
1292' Gr. at Stake

Lease Name: DEAN 3408

Well No.: 2-27H

Topography & Vegetation Loc. fell in level cotton field

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From North off county road

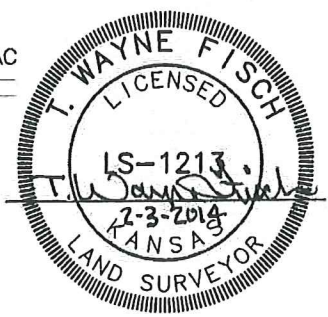
Distance & Direction From Hwy Jct or Town From Waldron, OK, go ±4.0 mi. North to the NW Cor. of Sec. 27-T34S-R8W

DATUM: NAD-27
 LAT: 37°03'52.3"N
 LONG: 98°10'42.0" W
 LAT: 37.064515458° N
 LONG: 98.178341943° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: KS SOUTH
 X: 2093861
 Y: 145027

Date of Drawing: Feb. 03, 2014
 Invoice # 215486A Date Staked: Jan. 31, 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



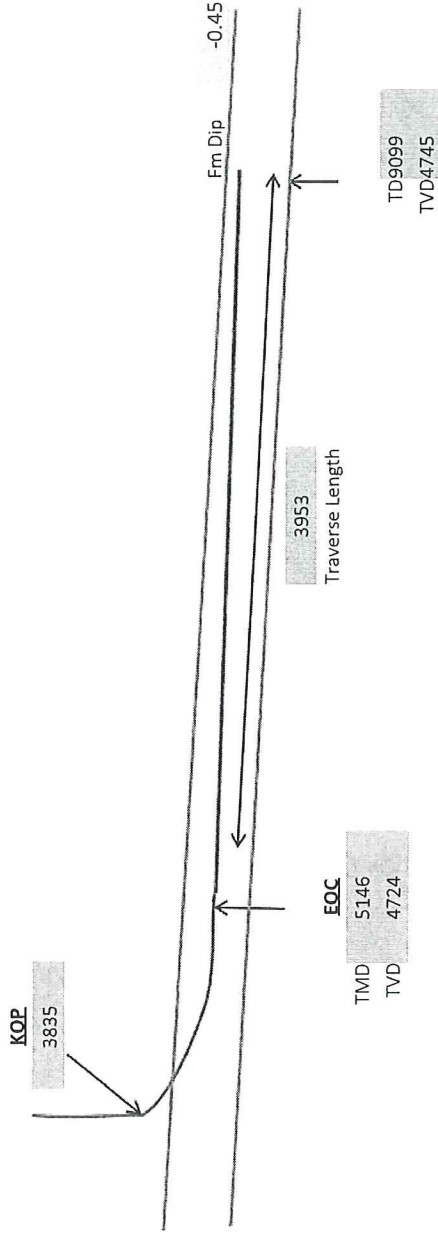
This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy

Target Line	
TVD @ 0' VS	4,720
INC	89.70

	SHL	BHL
X NAD 27	2,093,861	2,094,580
Y NAD 27	145,027	140,318

Total VS	4,763.57
EOC (MD)	5,145.92
EOC (TVD)	4,724.25
KOP	3,834.63
Azimuth	171.32
Traverse Length	3,952.75
TD (MD)	9,098.67
TVD @ TD	4,744.94
TVD displacement f/ EOC to TD	20.70

North to South (~180 Azimuth)



Operator

SandRidge Energy

Well Name and Number

Dean 3408 2-27H

Well Surface Location

27-T34S-R8W; 225' FNL & 1320' FWL

Well Bottom Hole Location

27-T34S-R8W; 330' FSL & 1980' FWL

County and State

Harper County, Kansas

Dean 3408 2-27H
Lease Information Sheet

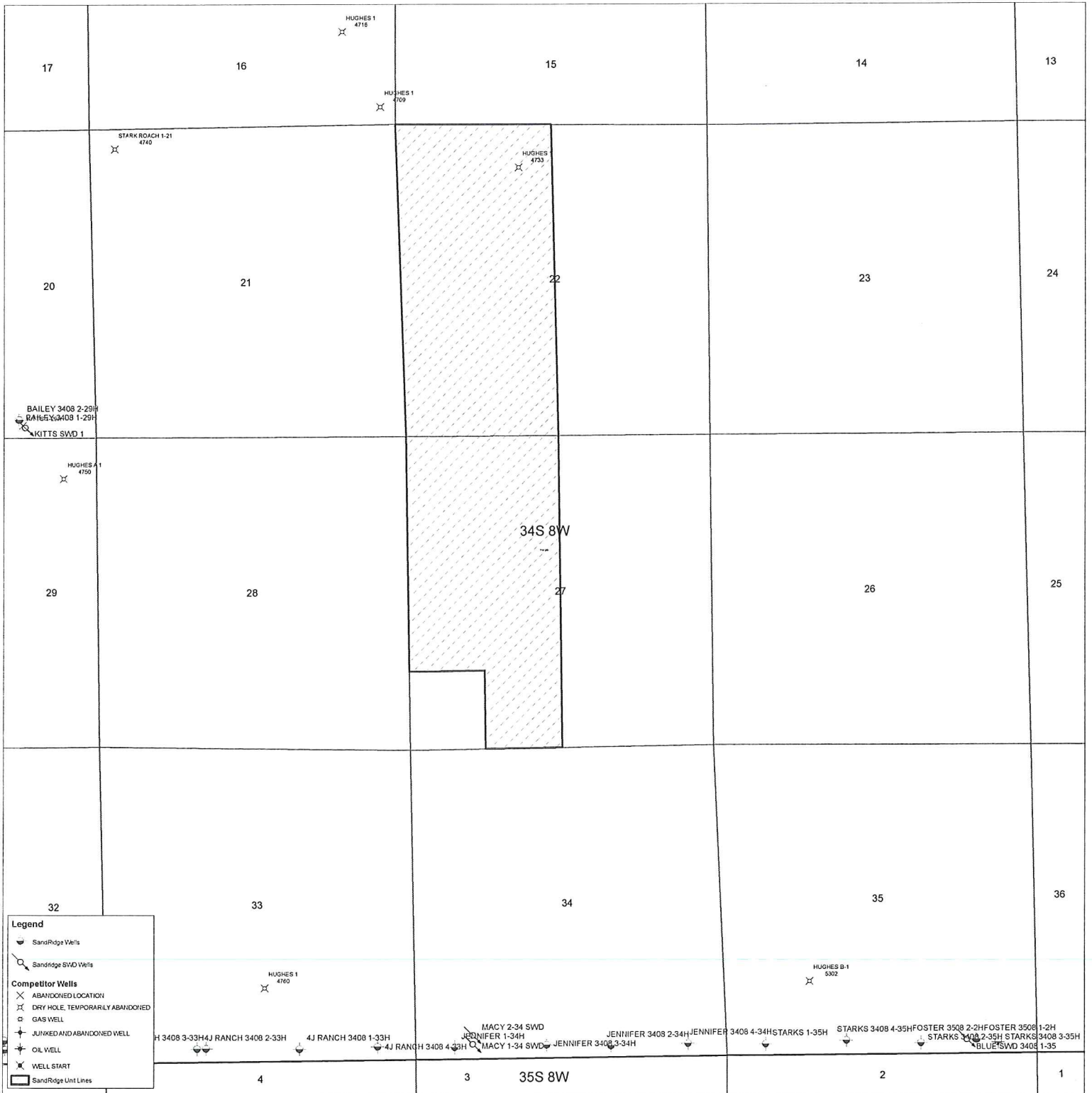
Unit Description:

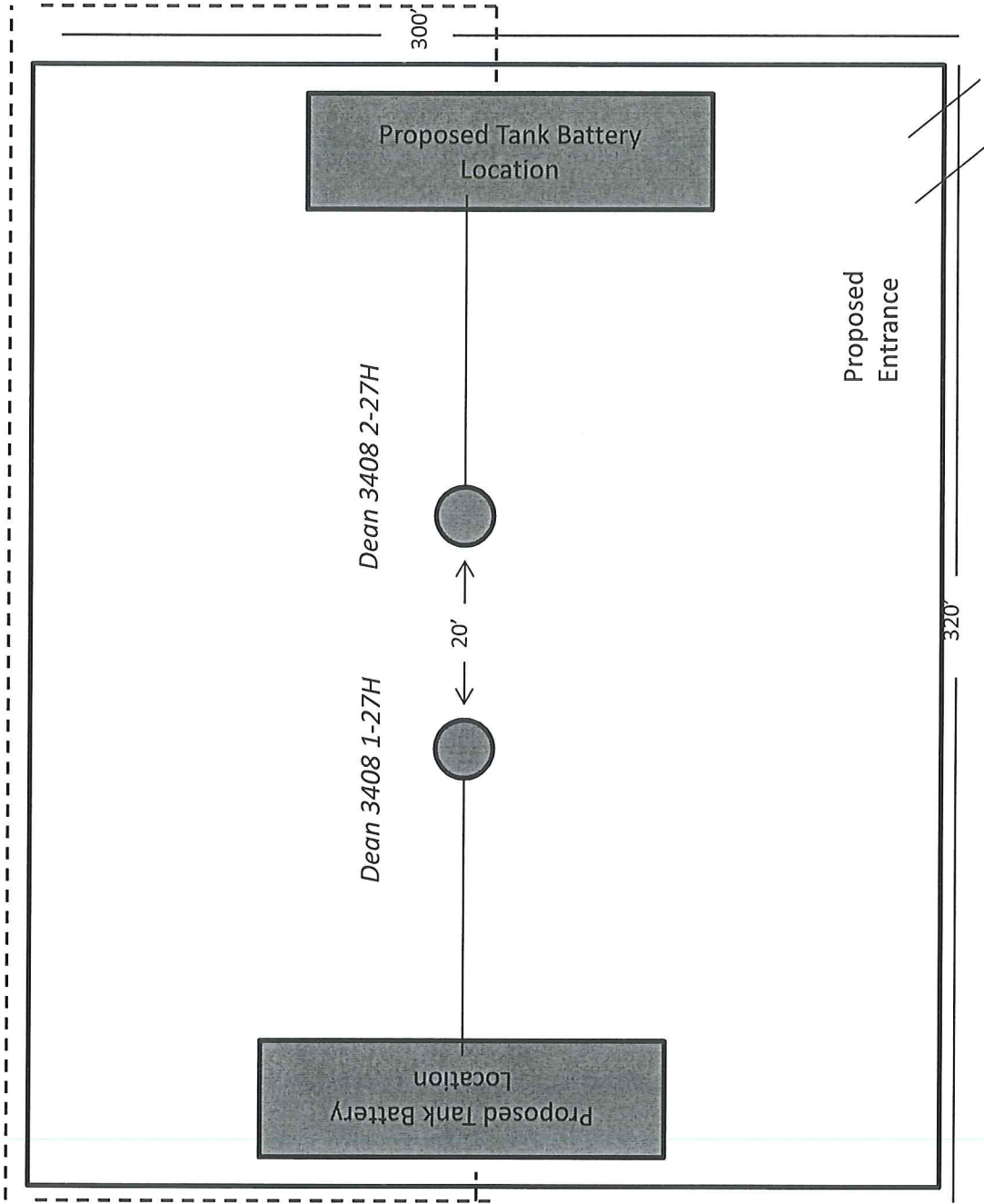
W2 of Section 22-35S-08W &
W2 L&E SW SW of Section 27-35S-08W
Harper County, KS

Surface Owner:

McKee Family Loving Trust
409 Trout Circle
Wamego, KS 66547-9018
Michael McKee: 785-456-2365

Deanna K Gehlbach
16520 W 133th St
Olathe, KS 66062-6206
913-782-6548





Proposed Electric Line