

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

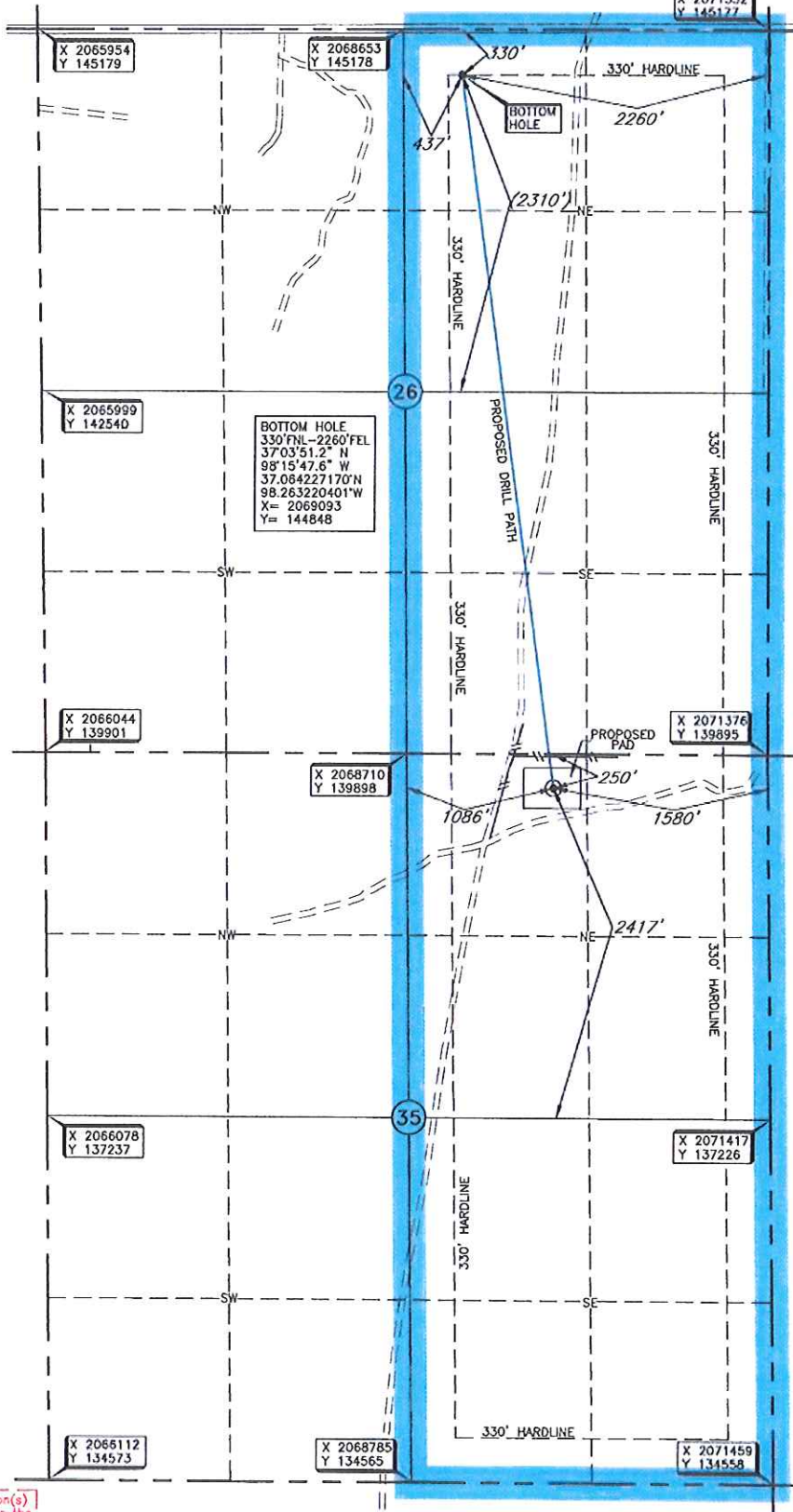
HARPER

County, Kansas

250'FNL - 1580'FEL Section 35 Township 34S Range 9W P.M.



BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.



BOTTOM HOLE
 330'FNL-2260'FEL
 37°03'51.2" N
 98°15'47.6" W
 37.084227170°N
 98.263220401°W
 X = 2068093
 Y = 144848

Operator: TAPSTONE ENERGY
 Lease Name: ANDY 26-34-9

Well No.: 1H

ELEVATION:
1269' Gr. at Stake

Topography & Vegetation Loc. fell in sandy hilly pasture. ±360' East of pipeline. ±232' South of pipeline

Good Drill Site? Yes

Best Accessibility to Location From SW off lease road

Distance & Direction From Oklahoma-Kansas State Line on St Hwy. 58. go ±1.1 mi. North on county road from Hwy Jct of Town

to lease road East, then ±3.4 mi. NE - North on lease road to the location in the NE/4 of Sec. 35-T34S-R9W

Reference Stakes or Alternate Location Stakes Set None

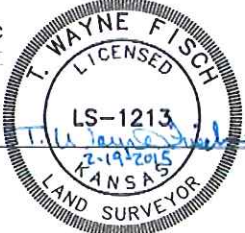
A boundary survey of the said section(s) shown hereon was not performed per the request of the operator shown hereon.

Revision A Feb. 19, 2015
 Invoice # 240475A Date Staked: Feb. 17, 2015 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.

DATUM: NAD-27
 LAT: 37°02'59.8"N
 LONG: 98°15'39.0"W
 LAT: 37.049936415° N
 LONG: 98.260847072° W
 STATE PLANE COORDINATES (US FEET):
 ZONE: KS SOUTH
2069799
139646



Information was gathered with a total station with 1/4 inch accuracy.