TOPOGRAPHIC LAND SURVEYORS
6709 NORTH CLASSEN BLVD., OKIA. CITY, OKIA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. LS-99, Exp. Dec. 31, 2015
 HARPER
 County, Konsos

 200'FNL - 1580'FEL
 Section
 10
 Township
 35S
 Range
 9W_P.M. X= 2060822 Y= 129277 330' HARDUNE 1580 X= 2066153 Y= 129284 (1060') (2440) 12 8 8 ndony PATH HARDLINE DRILL 330 PROPOSED X= 2060881 Y= 123973 X= 2066189 Y= 124010 HARDLINE 330 BOTTOM HOLE 330 FSL-1980 FEL NAD-27 (US Feet) 36 59 56.1 N 98 16 48.3 W 36.998912218 N 98.280091112 W X=2064226 Y=121054 GRID NAD-27 KS SOUTH US Feet Note: 3.280833 Ft.=1 Meter Scale: 1"= 1000' (660') 1980' 330' HARDLINE County Line P State Line P HARPER CO. KANSAS ALFALFA CO. OKLAHOMA 500 Lot 1 330 X= 2060912 Y= 120713 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 bosed on GLO (General Land Office) distances and have NOI been measured on the ground. Operator: TAPSTONE ENERGY **ELEVATION:** Lease Name: CHAINLAND 3509 Well No.: _11-3H 1243' Gr. at Stake Topography & Vegetation Loc. fell in sandy tall grass pasture Reference Stakes or Alternate Location Stakes Set None Good Drill Site? __ From West off county road Best Accessibility to Location ___ Distance & Direction From Anthony KS, go ±14.0 mi. West, then ±9. mi. South from Hwy Jct or Town then ± 1.0 mi. East through Section 10 to the NE Cor. of Sec. 10-T35S-R9W Revision X A Date of Drawing: Oct. 27, 2014
Invoice # 227628 Date Staked: Jul. 23, 2014 AC CENSED

DATUM: NAD-27 LONG: 98'16'43.8"W LAT: 37.020957412' N LONG: 98.278835724° W STATE PLANE COORDINATES: (US Feet) ZONE: KS SOUTH X: 2064574 129082

CERTIFICATE:

Lee K. Goss _a Konsas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify to the information shown herein

