

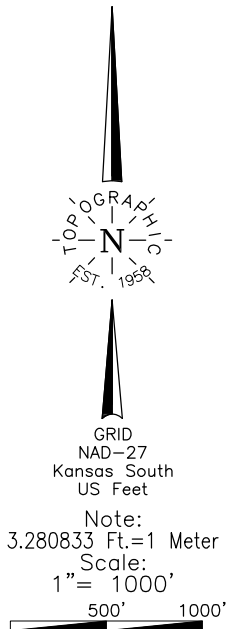
TOPOGRAPHIC LAND SURVEYORS

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'FNL-1570'FEL Section 27 Township 34S Range 9W P.M.



X 2060530
Y 150488

X 2063192
Y 150484

X 2065854
Y 150481

X 2060570
Y 147834

X 2065902
Y 147839

X 2060609
Y 145167

X 2063282
Y 145173

X 2065954
Y 145179

X 2060647
Y 142520

X 2065999
Y 142540

X 2060685
Y 139875

X 2063365
Y 139887

X 2066044
Y 139901

22

27

PENETRATION POINT (4955' MD)
900'FNL-1636'FEL (SEC 27)
900'FNL-1038'FWL (UNIT LINE)
37.062684088° N
98.279536219° W
X= 2064334
Y= 144275

TOP PERF (5110' MD)
1051'FNL-1652'FEL (SEC 27)
1051'FNL-1022'FWL (UNIT LINE)
37.062271074° N
98.279582415° W
X= 2064321
Y= 144124

BOTTOM HOLE (8993' MD)
360'FSL-1973'FEL (SEC 27)
360'FSL-706'FWL (UNIT LINE)
37°03'05.9" N
98°16'49.8" W
37.051635147° N
98.280489244° W
X= 2064065
Y= 140251

Roberts 27-34-9 1H (As-Drilled)

Operator: TAPSTONE ENERGY
Lease Name: ROBERTS 27-34-9

Topography & Vegetation Location fell in level pasture ±230' West of fence N-S & 210' East of low drainage area.

Well No.: 1H
ELEVATION:
1270' Gr. at stake

Good Drill Site? Yes
Best Accessibility to Location From North off county road.
Distance & Direction from Hwy Jct or Town From Road 295 at State Line, go North ±4.5 miles, then ±1 mile East to the NE corner of Section 27, T34S-R9W.

Reference Stakes or Alternate Location
Stakes Set None

DATUM: NAD-27
LAT: 37°03'52.6"N
LONG: 98°16'45.6"W
LAT: 37.064607616°N
LONG: 98.279346218°W
STATE PLANE COORDINATES (US FEET):
ZONE: KS SOUTH
X: 2064387
Y: 144975

234088 Date of Drawing: Nov. 05, 2014
Invoice # 230410A Date Staked: Sep. 25, 2014 JP

FINAL AS-DRILLED PLAT

AS-DRILLED INFORMATION
FURNISHED BY TAPSTONE ENERGY