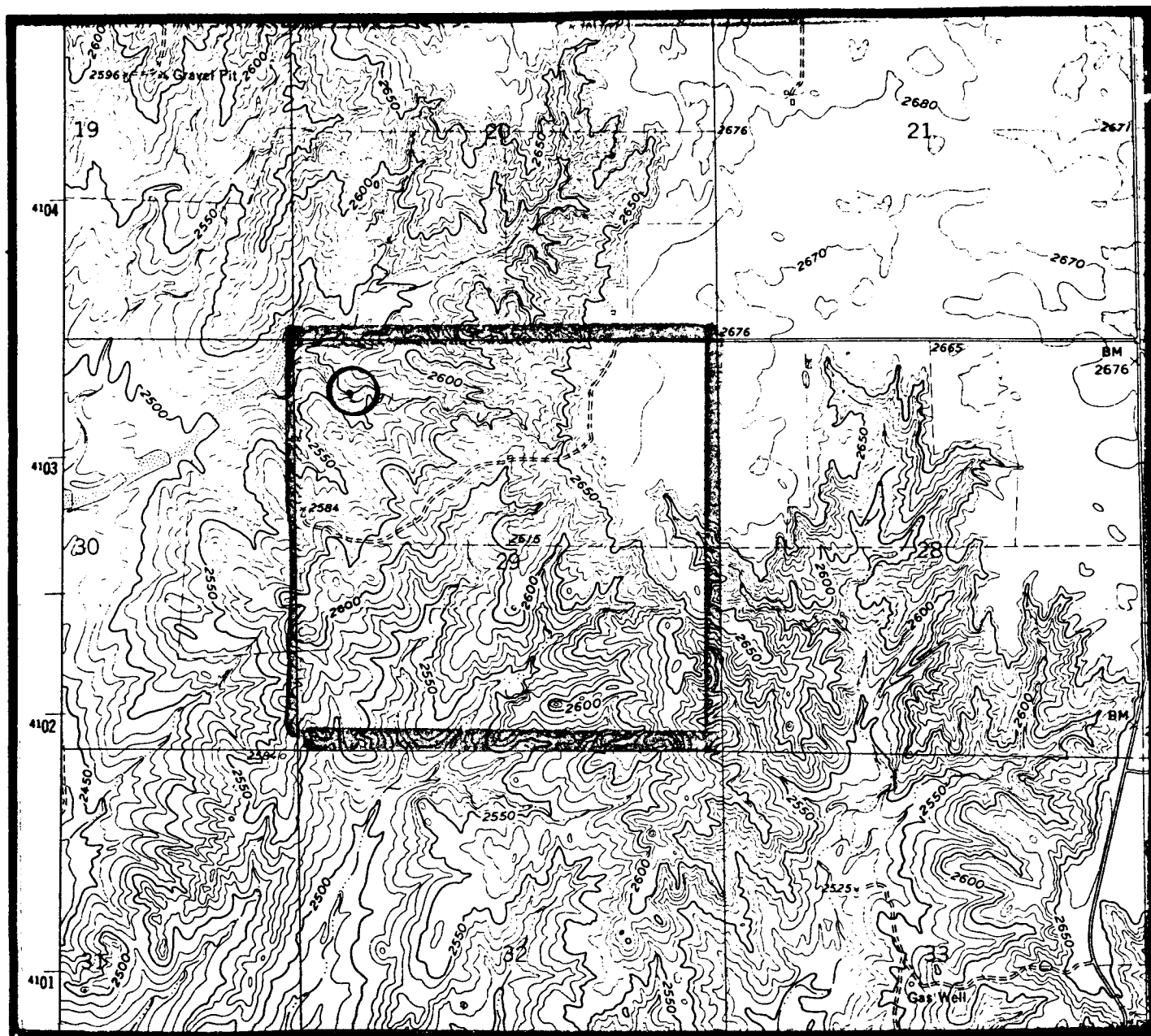


LOCATION & ELEVATION VERIFICATION MAP



Sec. 29 Twp. 345 Rng. 30W

County Merced State ~~CA~~ KS

Description C-NW-NW

Operator Quingine Petroleum Operating

Lease Holmes 1-29

Elevation 2554'

Above background data from
U.S.G.S. Topographic Map

Scale: 1" = 2000'

Contour Interval 10'

9 This location has been very carefully staked on the ground according to the best official survey records, maps, and photographs available to us, but its accuracy is not guaranteed. When elevation is shown hereon it is the ground elevation at the location stake.

Review this plat and notify us immediately of any possible discrepancy.

TOPOGRAPHIC ENGINEERING COMPANY

Surveying and Mapping for the Oil & Gas Industry

6709 N. Classen Blvd.
Oklahoma City, Oklahoma 73116

Phone (405) 843-4847
Outside Okla.-Direct Dial
No. Toll WATS (800) 654-3219

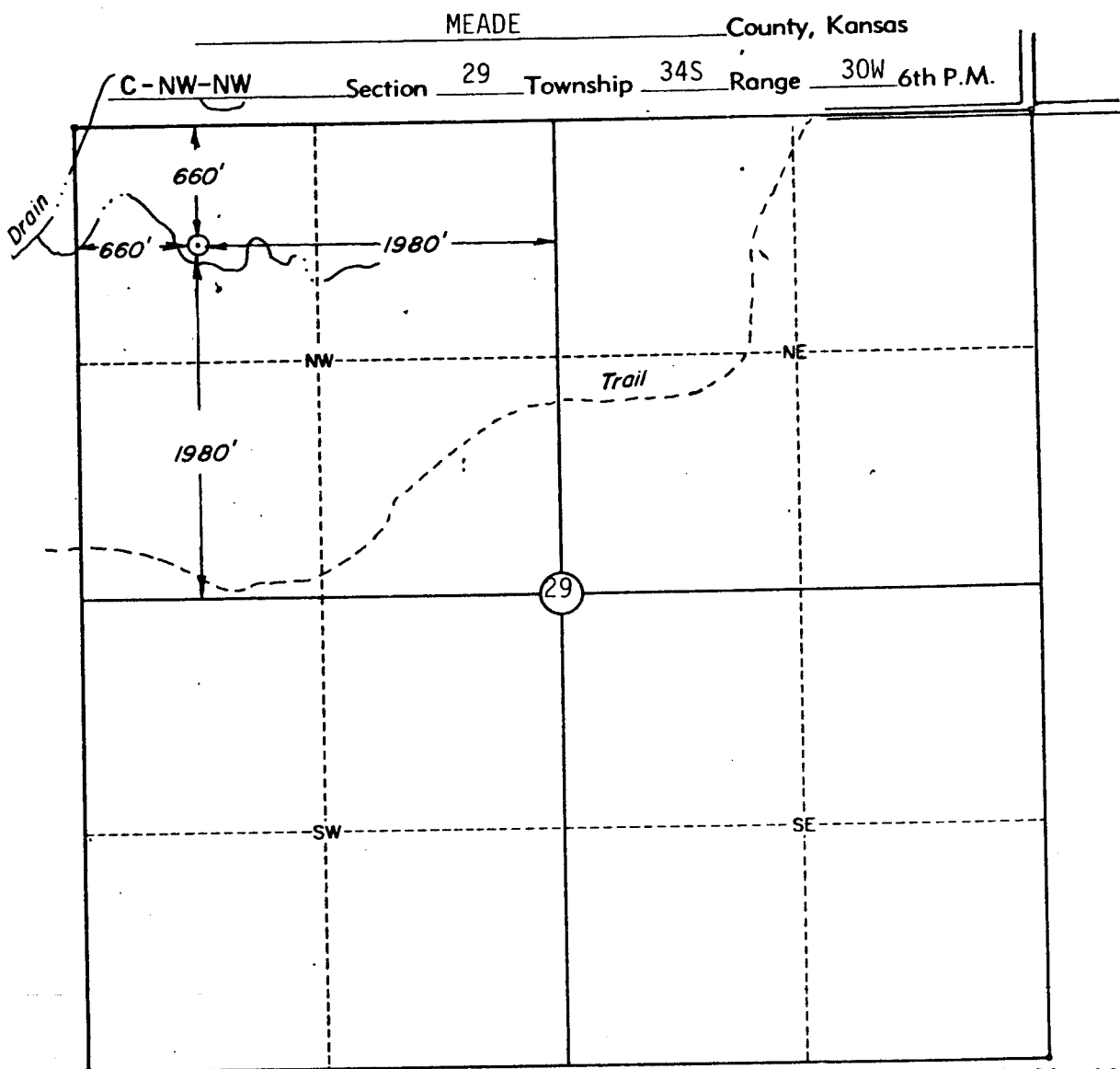
TOPOGRAPHIC LAND SURVEYORS

Surveying and Mapping for the Oil & Gas Industry

1008 E. 17th St.

(913) 625-2683

Hays, Kansas 67601



Scale: 1" = 1000'

Date Staked March 22, 1984

This location has been very carefully staked on the ground according to the best official survey records, maps, and photographs available to us, but its accuracy is not guaranteed.

Review this plat and notify us immediately of any possible discrepancy.

Operator: QUINQUE OPERATING

ELEVATION:

2554' Gr. at Stake

Lease Name: Holmes Well No. 1-29

Topography & Vegetation Rolling pasture.

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

Best Accessibility to Location From East thru North line of Section 28

Distance & Direction from Hwy Jct or Town From US 54 in Plains, go 0.5 miles East on County Road
thence 13 miles South; thence 1 mile West to the NE Corner Section 29-34S-30W.

CERTIFICATE:

I, Douglas L. Carlson a Registered Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.

Douglas L. Carlson

Kansas Reg. No. 715

