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



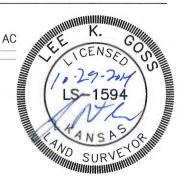
Operator: EAGLE OIL AND GAS CO. 2449' Gr. at level pad Lease Name: __FREY Topography & Vegetation <u>Loc. fell on level pad</u> Reference Stakes or Alternate Location Good Drill Site? Yes Stakes Set None Best Accessibility to Location ____ From South off county road Distance & Direction From Ford, KS, go ±0.5 mi. North, then ±3.5 mi. West, then ±1.0 mi. South from Hwy Jct or Town_ to the NE Cor. of Sec. 10-T28S-R23W

DATUM: NAD-27 37*37'14.9"! LONG: 99'49'28.7" LAT: _37°37'14.9"N LONG: 99°49'28.7"W LAT: <u>37.620795503</u>° N LONG: 99.824650648° W STATE PLANE COORDINATES: (US Feet) ZONE: KS SOUTH 1616349 350137

Date of Drawing: Oct. 29, 2014 Invoice # 233484 Date Staked: Oct. 29, 2014

CERTIFICATE:

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



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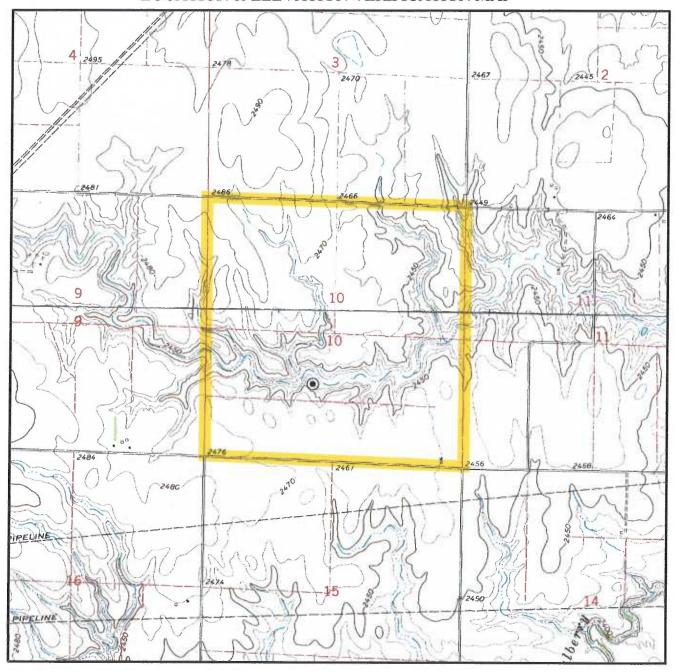
Certificate of Authorization No. LS-99, Exp. Dec. 31, 2015 FORD _ County, Kansas 1588'FSL - 2226'FWL 10 Township <u>28S</u> _ Section X 1619503 Y 353817 X 1614151 Y 354036 (CALCULATED SST. 1958 X 1619489 Y 351110 (CALCULATED LINE) GRID NAD-27 Kansas South US Feet 330' HARDLINE Note: 3.280833 Ft.=1 Meter LEGEND 1107 Scale: 1"= 1000' 454 Well Location 500' 1000 Tank Battery Location Pipeline Location 2226 ---- Electric Line Location Lease Road Location HARDLINE 1588 330, 330' HARDLINE X 1619473 Y 348414 1614112 A boundary survey of the said section(s) shown hereon was <u>not</u> performed per the request of the operator shown hereon. Operator: EAGLE OIL AND GAS CO. **ELEVATION:** Well No.: 10-1 Lease Name: FREY 2449' Gr. at level pad Topography & Vegetation Loc. fell on level pad Reference Stakes or Alternate Location Yes Good Drill Site? _____ Stakes Set _ From South off county road Best Accessibility to Location ____ Distance & Direction From Ford, KS, go ± 0.5 mi. North, then ± 3.5 mi. West, then ± 1.0 mi. South from Hwy Jct or Town ___ to the NE Cor. of Sec. 10-T28S-R23W Date of Drawing: Oct. 29, 2014 DATUM: NAD-27 Invoice # 233484 Date Staked: Oct. 29, 2014 AC LAT: _37'37'14.9"N LONG: 99'49'28.7"W **CERTIFICATE:** 29.2119 LAT: 37.620795503° N LONG: 99.824650648° W Lee K. Goss ____a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land STATE PLANE Surveyors, do hereby certify to the information COORDINATES: (US Feet) shown herein ZONE: KS SOUTH WIND SURV

X: 1616349 350137

TOPOGRAPHIC LAND SURVEYORS

Surveying and Mapping for the Energy Industry 6709 North Classen Blvd. Oklahoma City, OK 73116 www.topographic.com Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

LOCATION & ELEVATION VERIFICATION MAP



Sec. 10 Twp. 28S Rng. 23W P.M.

County_____ FORD State KS

Operator EAGLE OIL AND GAS CO.

Description 1588'FSL - 2226'FWL

Elevation

U.S.G.S. Topographic

Quadrangle Map FORD, KS

Lease FREY 10-1

2449' Gr. at level pad

Above Background Data from U.S.G.S. Topographic Map Scale: 1"=2000'

Contour Interval _____10'

When elevation is shown hereon it is the ground elevation of the location stake. Review this plat and inform us immediately of

any possible discrepancy.

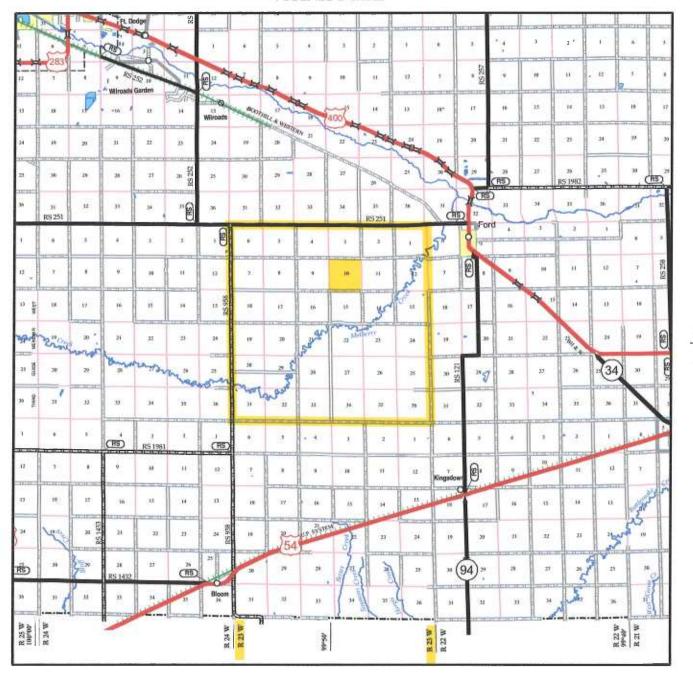


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VICINITY MAP



Scale: 1" = 3 Miles

Sec. 10 Twp. 28S Rng. 23W P.M.

County FORD State KS

Operator EAGLE OIL AND GAS CO.



LAND SURVEYORS