

TOPOGRAPHIC LAND SURVEYORS

8709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73118 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219
Certificate of Authorization No. LS-99, Exp. Dec. 31, 2013

ELK

County, Kansas

330'FNL-2200'FWL Section 32 Township 31S Range 10E P.M.

I.R. W/CAP
NAD 27
37.318254867°N
96.344538235°W
X= 2626801
Y= 243771
UTM ZONE 14
X= 2412458
Y= 13559880

UTM ZONE 14
X= 2414865
Y= 13559883

I.R. W/CAP
NAD 27
37.318183310°N
96.335632310°W
X= 2628391
Y= 243798
UTM ZONE 14
X= 2415049
Y= 13559919

I.R. W/CAP
NAD 27
37.318013195°N
96.326816797°W
X= 2632014
Y= 243804
UTM ZONE 14
X= 2417672
Y= 13559939

FENCE CORNER
NAD 27
37.308044663°N
96.344614846°W
X= 2626840
Y= 241146
UTM ZONE 14
X= 2412510
Y= 13557254

I.R. W/CAP
NAD 27
37.308722288°N
96.32858101°W
X= 2632083
Y= 241151
UTM ZONE 14
X= 2417874
Y= 13557285

I.R. W/CAP
NAD 27
37.301819349°N
96.344837174°W
X= 2626894
Y= 238518
UTM ZONE 14
X= 2412577
Y= 13554623

I.R. W/CAP
NAD 27
37.301841244°N
96.335602401°W
X= 2628523
Y= 238542
UTM ZONE 14
X= 2415207
Y= 13554833

I.R. W/CAP
NAD 27
37.301462225°N
96.326567913°W
X= 2632152
Y= 238508
UTM ZONE 14
X= 2417838
Y= 13554842



GRID
NAD-27
Kansas South
US Feet

Note:
3.280833 Ft.=1 Meter
Scale:
1"= 1000'
0' 500' 1000'

Corner Coordinates are Taken
from Points Surveyed in the Field

Operator: DORADO E&P PARTNERS

Lease Name: TOULIATOS .32-1

Well No.: 1

ELEVATION:

1142' Gr. at Stake

Topography & Vegetation Loc. fell in level pasture

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From North off county road

Distance & Direction
from Hwy Jct or Town From Moline, KS, go ±2 miles West on US. Hwy. 160, then ±3 miles South, then ±1 mile West to the NW Cor. of Sec. 32-T31S-R10E

DATUM: NAD-27
LAT: 37°18'55.0"N
LONG: 96°20'13.1"W
LAT: 37.315270865° N
LONG: 96.336983898° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: KS SOUTH
X: 2629006
Y: 243464

Invoice # 210419 Date of Drawing: Nov. 6, 2013
Date Staked: Nov. 5, 2013

LC

CERTIFICATE:

I, T. Wayne Fisch a Kansas Licensed 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.



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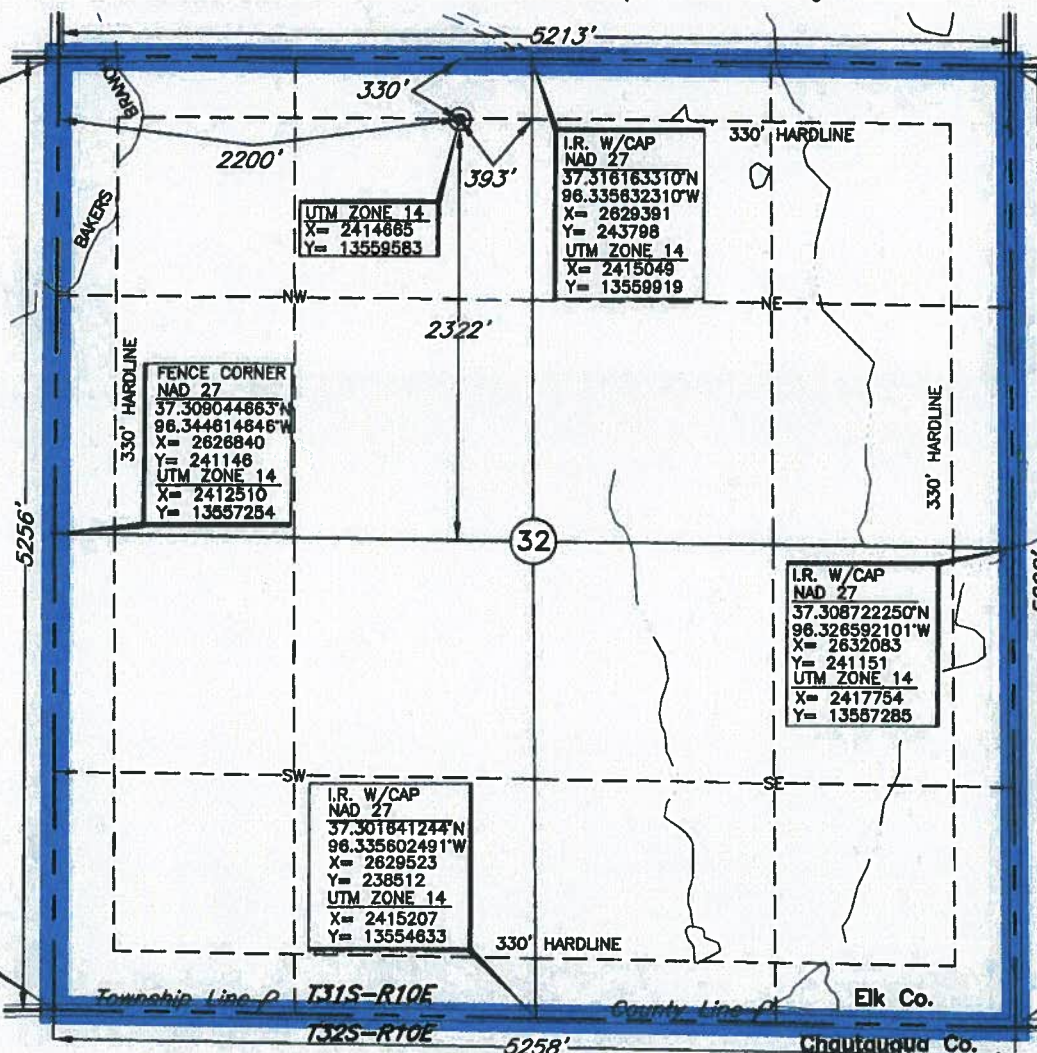
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This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy

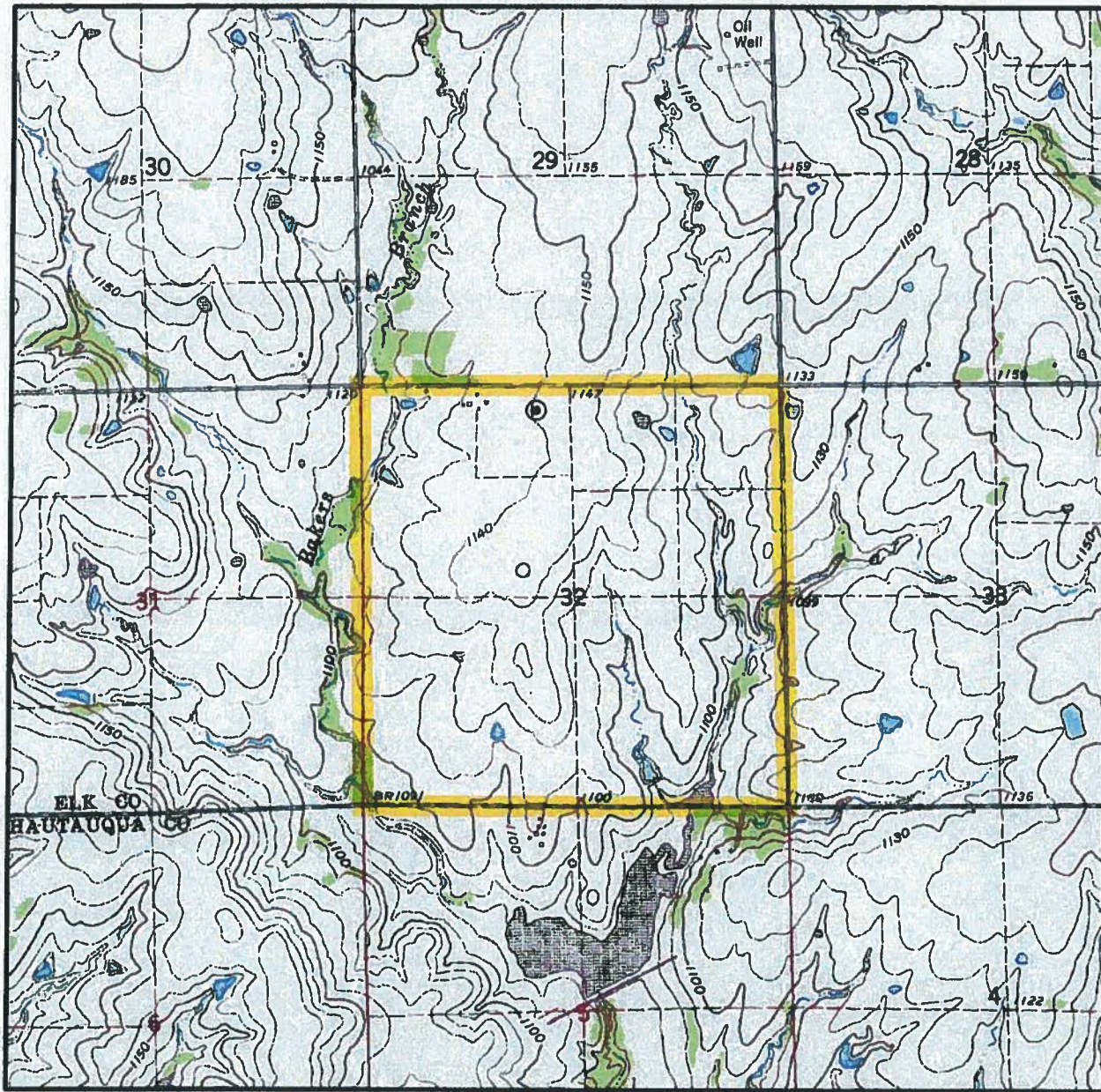
TOPOGRAPHIC LAND SURVEYORS

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. 32 Twp. 31S Rng. 10E P.M.

County ELK State KS

Operator DORADO E&P PARTNERS

Description 330'FNL-2200'FWL

Lease TOULIATOS - 32 - 1

Elevation 1142' Gr. at Stake

U.S.G.S. Topographic
Quadrangle Map SHARON NORTH, KS

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

Contour Interval 10'

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 of the location stake.
Review this plat and inform us immediately of any possible discrepancy.



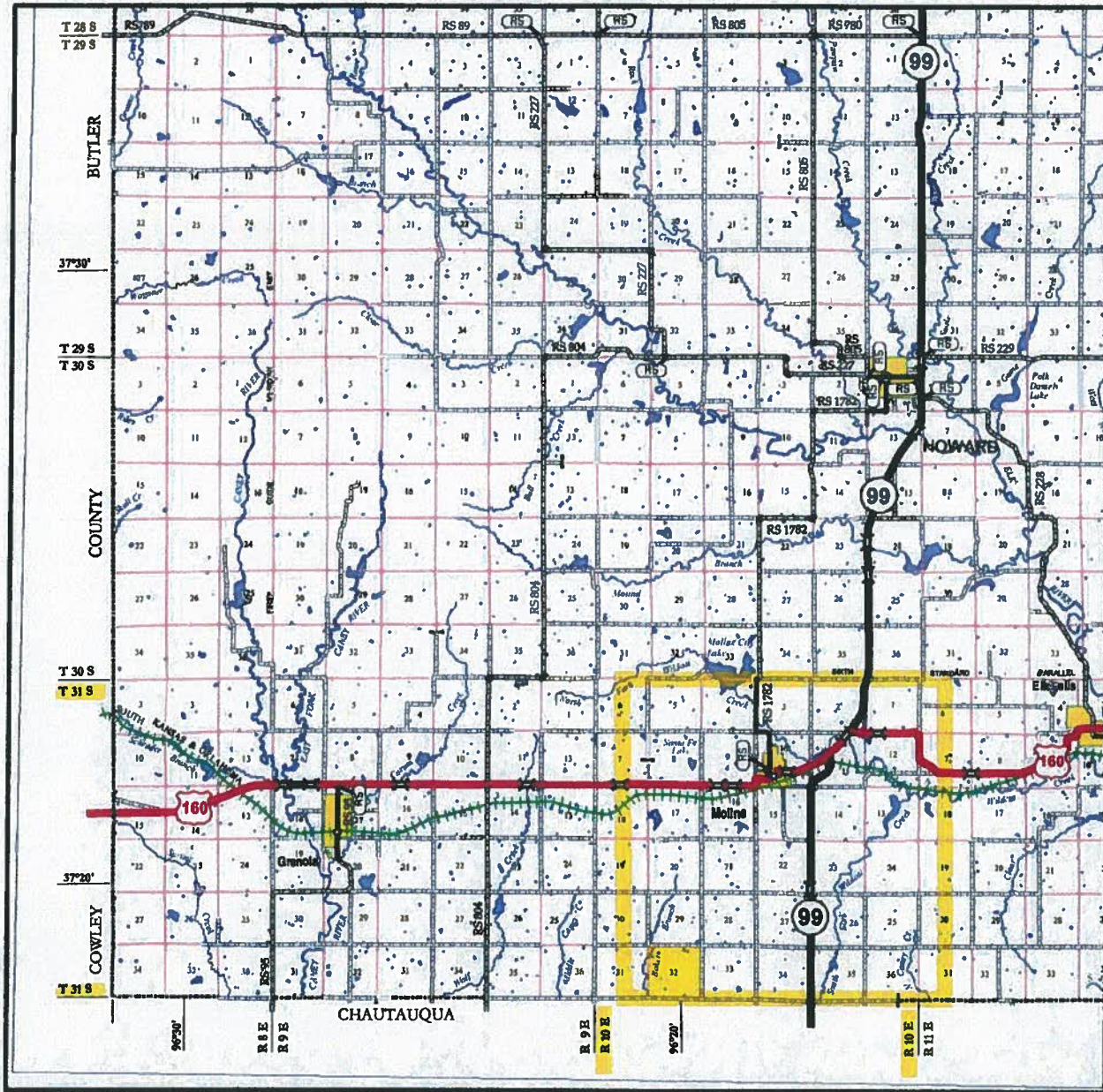
TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
LAND SURVEYORS

Nov. 5, 2013

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VICINITY MAP



Scale: 1" = 3 Miles

Sec. 32 Twp. 31S Rng. 10E P.M.

County ELK State KS

Operator DORADO E&P PARTNERS

