

- Mississippi Gas Production
- Mississippi Oil Production

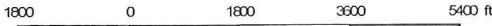
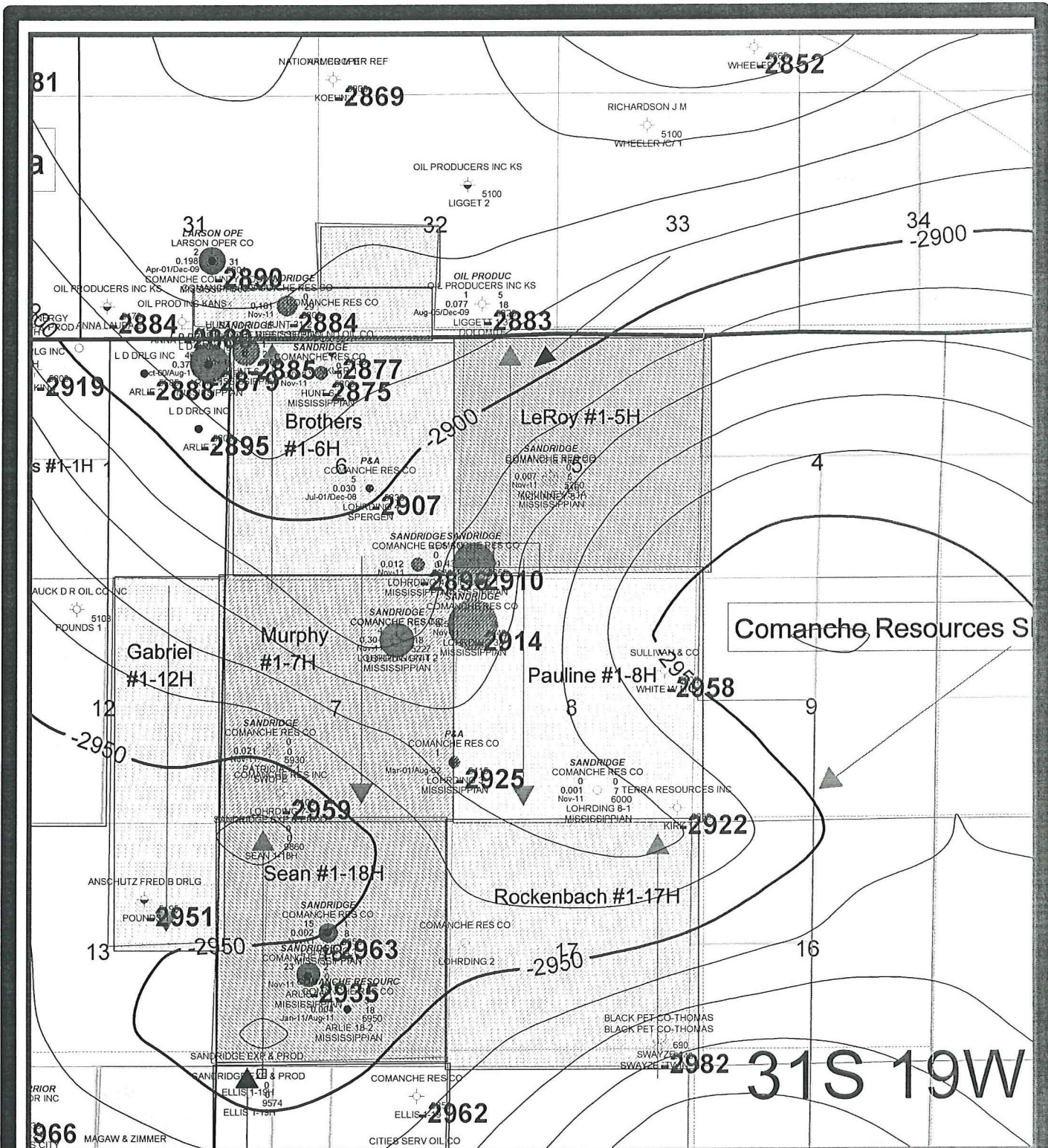
SANDRIDGE
THE LEADER IN OIL

LeRoy #1-5H
5-T1S-R19W
Comanche County, KS

Location/Production Map

LeRoy #1-5H Loc Prod Map 12-22-11 KG 979

Date: 22 December, 2011 | Geologist: K. Gentry



- Mississippi Gas Production
- Mississippi Oil Production

SANDRIDGE
THE POWER OF US™

LeRoy #1-5H
5-T31S-R19W
Comanche County, KS

Structure Map - T. Mississippi Unconformity
CI = 10'

LeRoy #1-5H Structure Map - T. Mississippi Unconformity 12.27.11 KS.dwg
Date: 27 December, 2011 | Geologist: K. Gentry

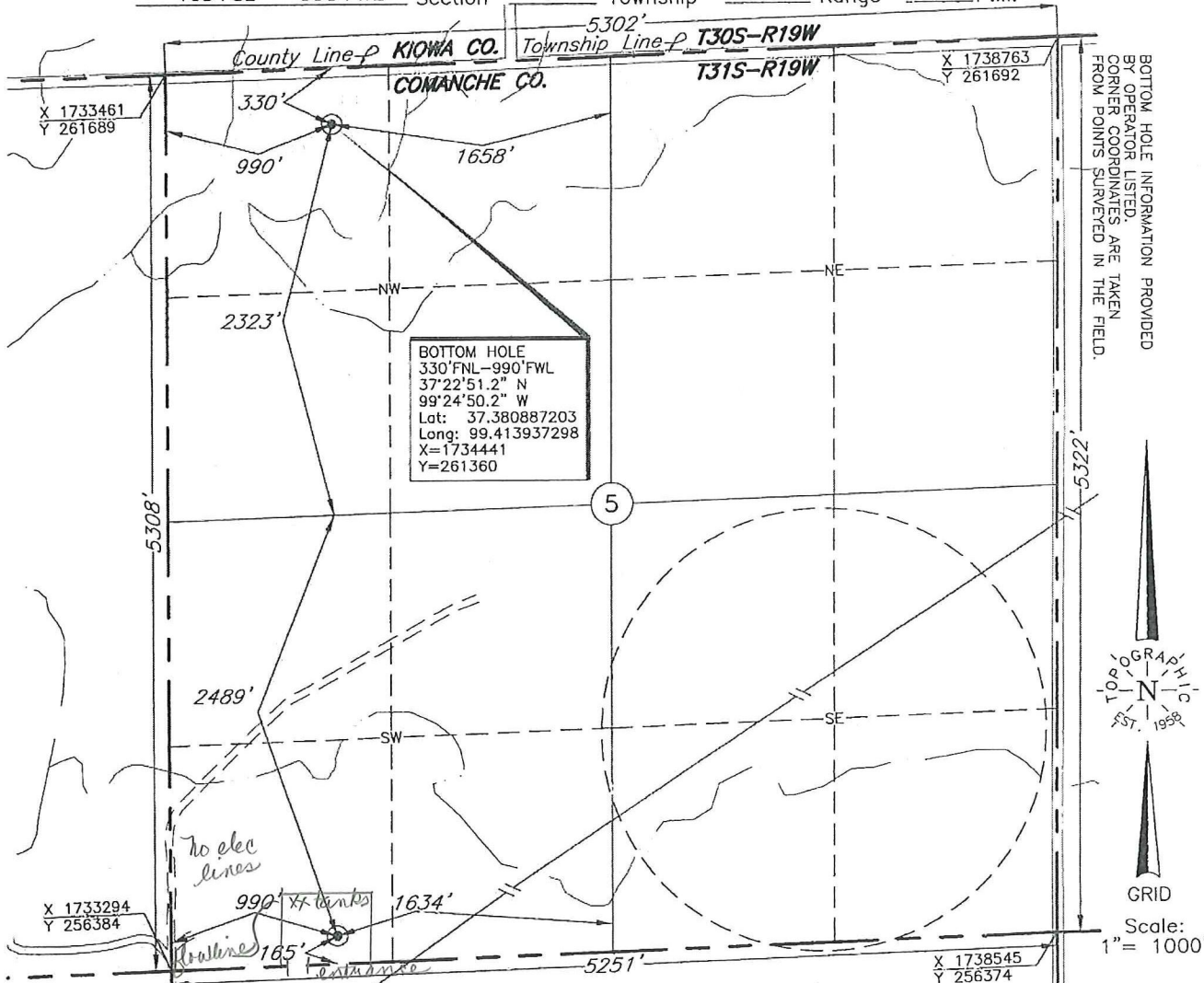
TOPOGRAPHIC LAND SURVEYORS

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, 2011

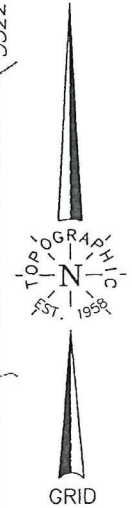
COMANCHE

County, Kansas

165'FSL - 990'FWL Section 5 Township 31S Range 19W P.M.



BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED. CORNER COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD.



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.

Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, and have not been measured.

Operator: SANDRIDGE ENERGY, INC.
 Lease Name: LEROY
 Topography & Vegetation Loc. fell in sloped pasture

ELEVATION:
 Well No.: 1-5H 2112' Gr. at Stake

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None
 Best Accessibility to Location From East off lease road
 Distance & Direction From Jct. US Hwy. 183 & US Hwy. 160 East, go 5.0 mi. North, then 4.0 mi. West to the SE Cor. of Sec. 8-T31S-R19W, then 0.5 mi. North, then 1.0 mi. West and 0.5 mi. North on lease road to the SW Cor. of Sec. 5-T31S-R19W

(The following information was gathered using a GPS receiver Accuracy ±2-3 Meters.)

Date of Drawing: Oct. 17, 2011
 Invoice # 174143 Date Staked: Oct. 12, 2011 AC

GPS
 DATUM: NAD-27
 LAT: 37°22'03.6\"N
 LONG: 99°24'51.5\"W
 LAT: 37.367665098
 LONG: 99.414297952
 STATE PLANE COORDINATES:
 ZONE: KS SOUTH
 X: 1734289
 Y: 256547

CERTIFICATE:
 I, T. Wayne Fisch 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.
 Kansas Reg. No. 1213



TOPOGRAPHIC LAND SURVEYORS

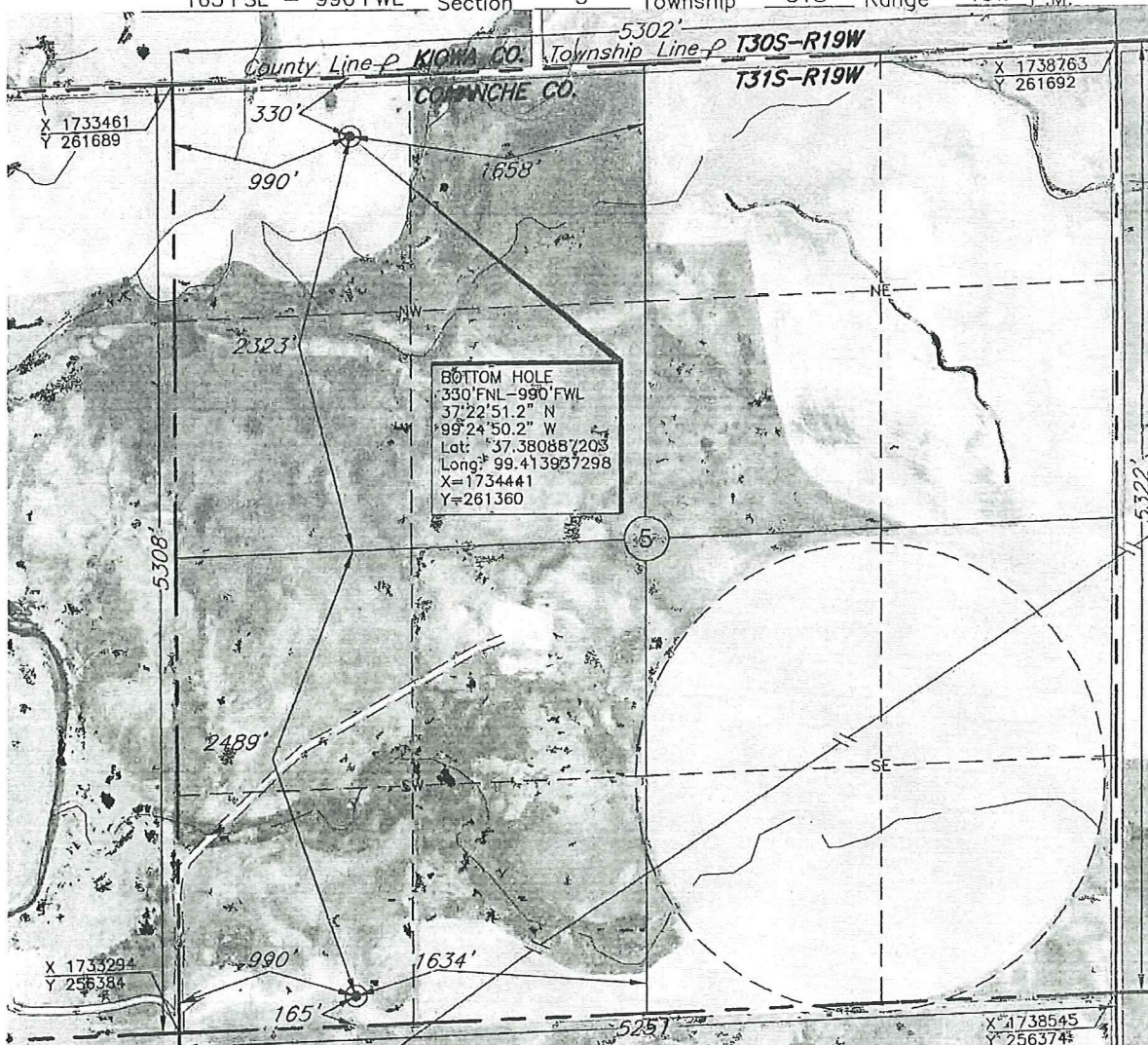
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. LS-99, Exp. Dec 31, 2011

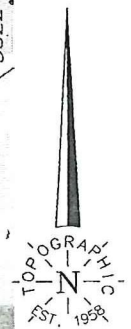
COMANCHE

County, Kansas

165' FSL - 990' FWL Section 5 Township 31S Range 19W P.M.



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Distance & Direction From Jct. US Hwy. 183 & US Hwy. 160 East, go 5.0 mi. North, then 4.0 mi. West

to the SE Cor. of Sec. 8-T31S-R19W, then 0.5 mi. North, then 1.0 mi. West and 0.5 mi. North on lease road

to the SW Cor. of Sec. 5-T31S-R19W

ELEVATION:

Well No.: 1-5H 2112' Gr. at Stake

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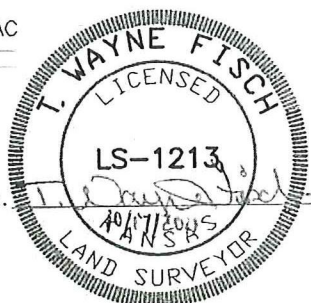
GPS
DATUM: NAD-27
LAT: 37°22'03.6\"/>

Date of Drawing: Oct. 17, 2011
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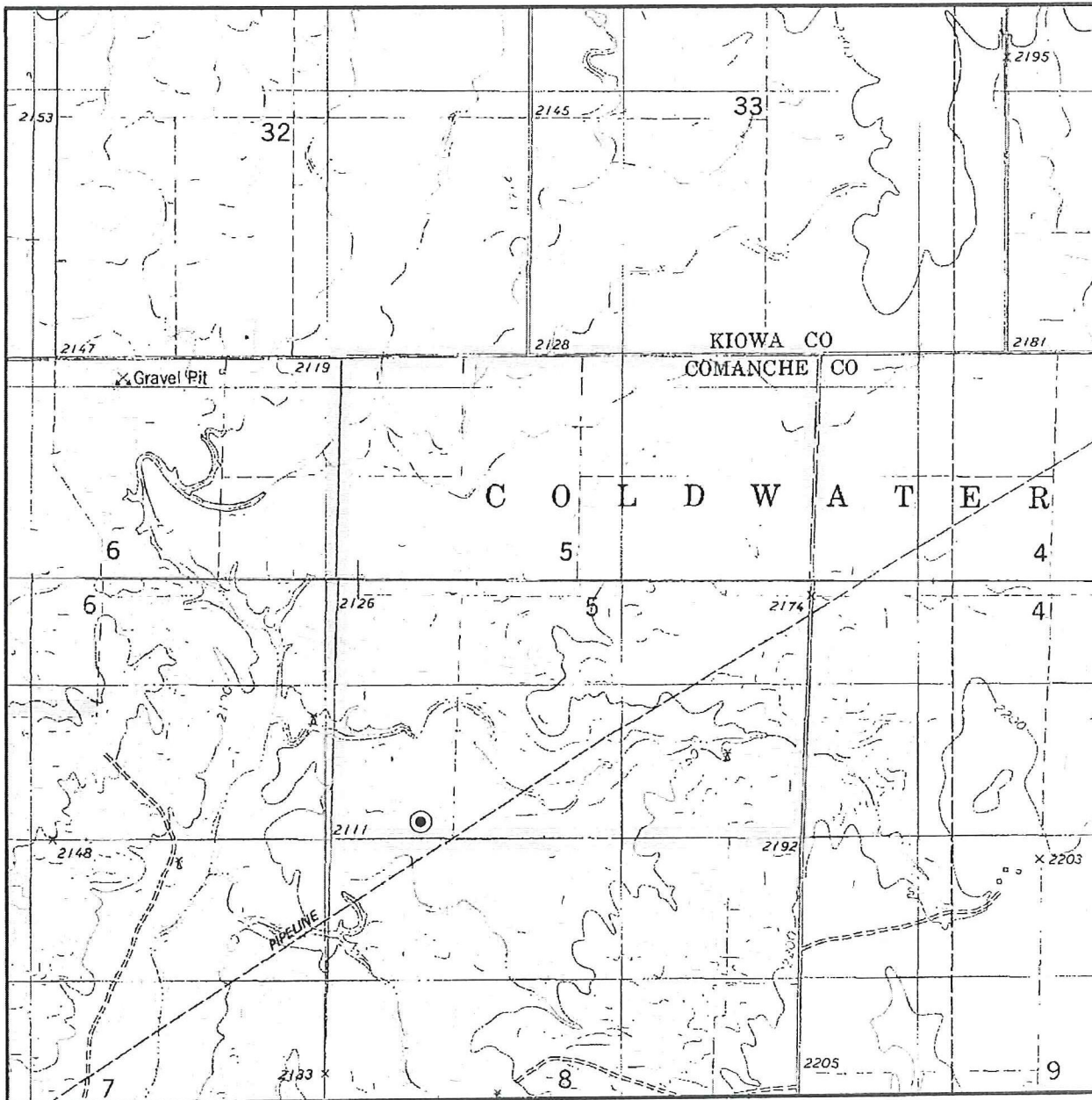
Kansas Reg. No. 1213



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. 5 Twp. 31S Rng. 19W

County COMANCHE State KS

Operator SANDRIDGE ENERGY, INC.

Description 165'FSL - 990'FWL

Lease LEROY 1-5H

Elevation 2112' Gr. at Stake

U.S.G.S. Topographic
 Quadrangle Map EAST KIOWA CREEK SOUTH, KS

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

Contour Interval 10'

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

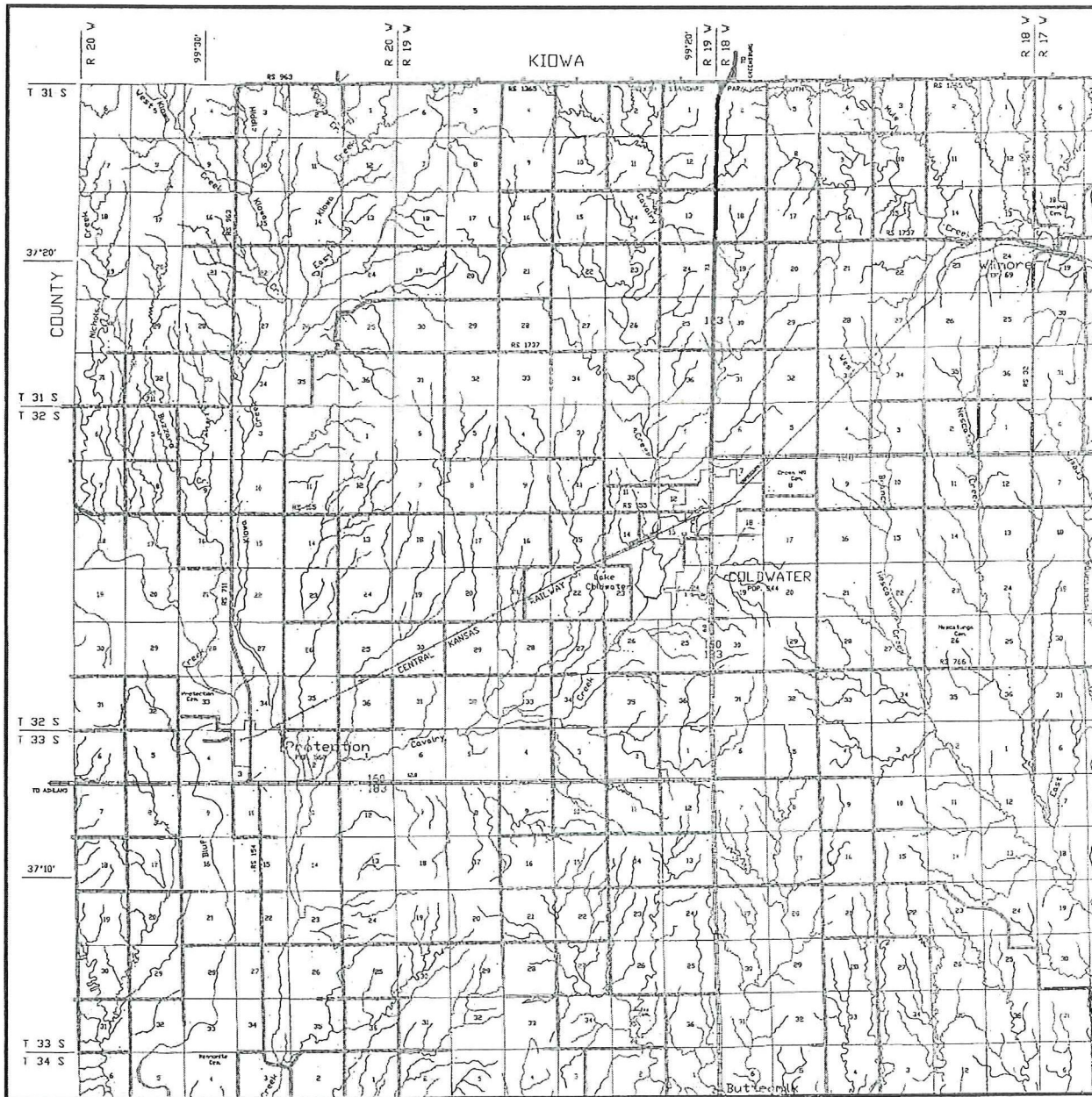
TOPOGRAPHIC
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Oct. 12, 2011

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VICINITY MAP



Scale: 1" = 3 Miles

Sec. 5 Twp. 31S Rng. 19W

County COMANCHE State KS

Operator SANDRIDGE ENERGY, INC.

TOPOGRAPHIC
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