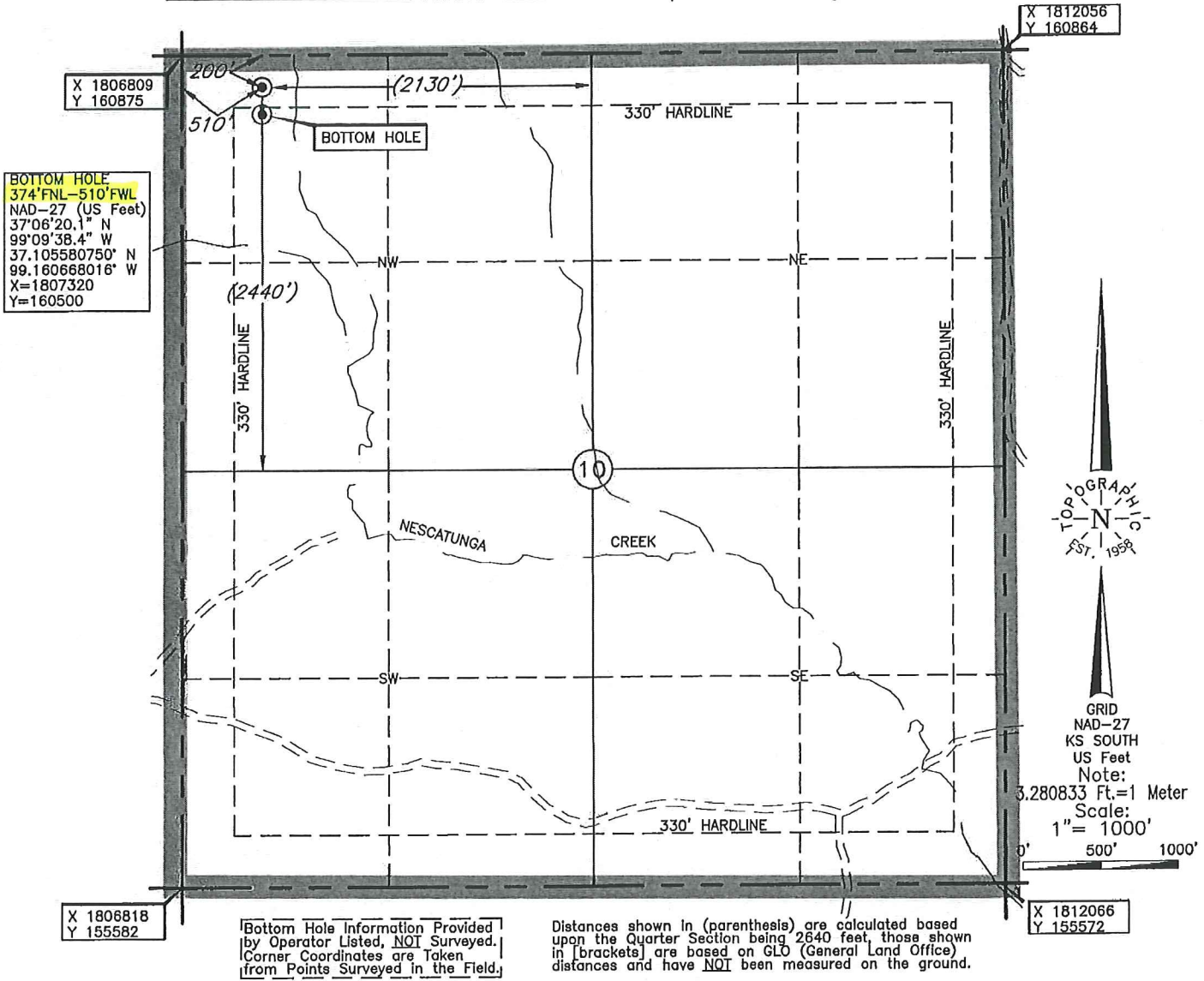


TOPOGRAPHIC LAND SURVEYORS

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, 2013

COMANCHE County, Kansas
 200'FNL - 510'FWL Section 10 Township 34S Range 17W P.M.



BOTTOM HOLE
 374'FNL-510'FWL
 NAD-27 (US Feet)
 37°06'20.1" N
 99°09'38.4" W
 37.105580750° N
 99.160668016° W
 X=1807320
 Y=160500

Bottom Hole Information Provided
 (by Operator Listed, NOT Surveyed.)
 Corner Coordinates are Taken
 (from Points Surveyed in the Field.)

Distances shown in (parenthesis) are calculated based
 upon the Quarter Section being 2640 feet, those shown
 in [brackets] are based on GLO (General Land Office)
 distances and have NOT been measured on the ground.

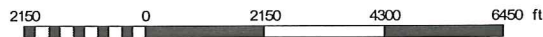
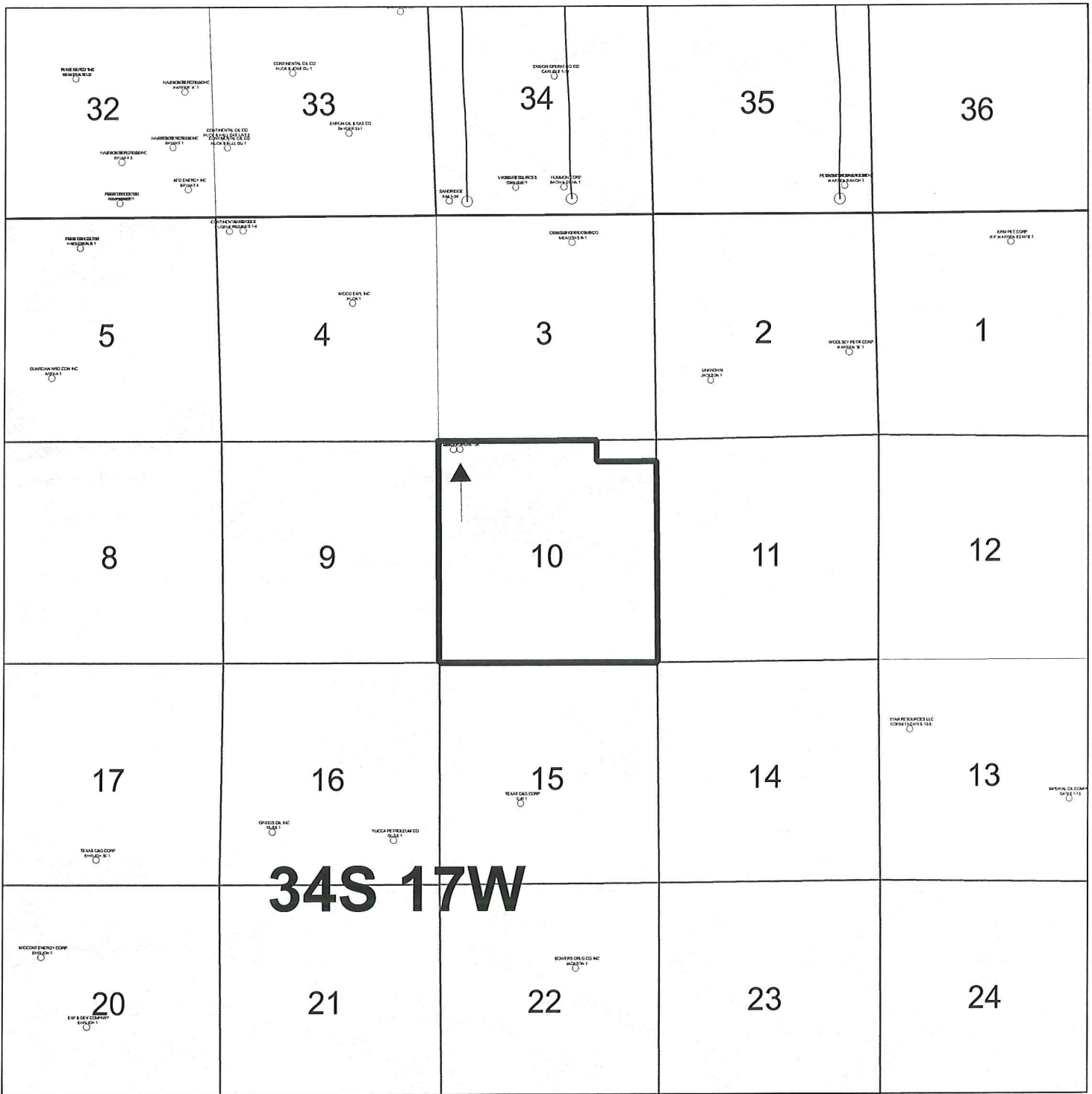
Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC
 Lease Name: GINGER 3417 Well No.: 1-10 **ELEVATION:** 1752' Gr. at Stake
 Topography & Vegetation Loc. fell in sloped pasture, 160' West of top bank of drain
 Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None
 Best Accessibility to Location From East off lease road
 Distance & Direction From Jct. US Hwy. 183 & US Hwy. 160 East, North of Coldwater, KS, go 9.0 mi. East on
US Hwy. 160, then 11.0 mi. South, then 1.0 mi. East, then 1.0 mi. South on lease road to the NE Cor. of Sec. 10-T34S-R17W

(This information was gathered with a GPS receiver with Sub-Meter accuracy.)
 DATUM: NAD-27
 LAT: 37°06'21.8"N
 LONG: 99°09'38.4"W
 LAT: 37.106058021
 LONG: 99.160672827
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: KS SOUTH
 X: 1807320
 Y: 160674

Revision C Date of Drawing: May 02, 2013
 Invoice # 182623 Date Staked: Aug. 16, 2012 AC

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.





PRODUCING ZONE	
	NON MSSP
	ST GENEVIEVE
	ST LOUIS
	SPERGEN
	WARSAW
	OSAGE
	OSAGE M
	KINDERHOOK

WELL NAME	
	Cum Oil (MBO)
	Cum Gas (BCF)
	Total Depth



Ginger 3417 1-10 Comanche, Co., Kansas Unit Outline	
Date: 22 April, 2013	Geol: Maggie Roden

MapFile.gmp

Ginger 3417 1-10
Lease Information Sheet

Unit Description:

All of Section 10-34S-17W less and except the N/2 N/2 NE/4
Comanche County, KS

Surface Owner:

Crossed J. Ranch, Inc
PO Box 357
Coldwater, KS 67029

Ginger 3417 1-10

