



1059655

For KCC Use ONLY

API # 15 - _____

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator: _____

Lease: _____

Well Number: _____

Field: _____

Number of Acres attributable to well: _____

QTR/QTR/QTR/QTR of acreage: _____ - _____ - _____ - _____

Location of Well: County: _____

_____ feet from N / S Line of Section

_____ feet from E / W Line of Section

Sec. _____ Twp. _____ S. R. _____ E W

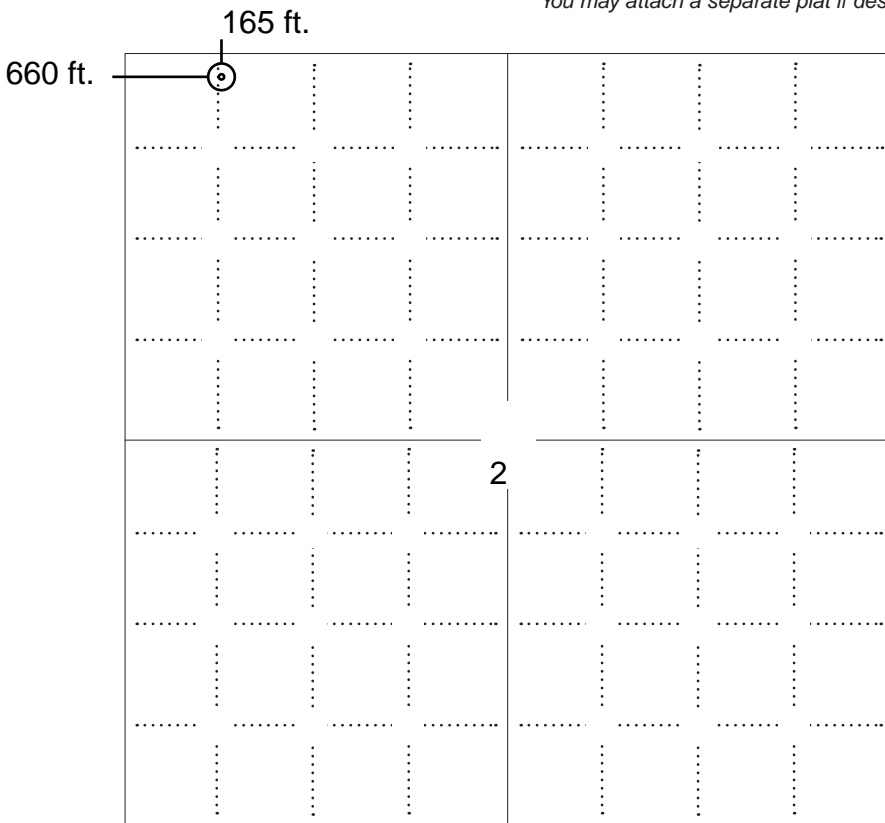
Is Section: Regular or Irregular

If Section is Irregular, locate well from nearest corner boundary.

Section corner used: NE NW SE SW

PLAT

Show location of the well. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032). You may attach a separate plat if desired.



LEGEND

- Well Location
- Tank Battery Location
- Pipeline Location
- Electric Line Location
- Lease Road Location



NOTE: In all cases locate the spot of the proposed drilling locaton.

In plotting the proposed location of the well, you must show:

1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
3. The distance to the nearest lease or unit boundary line (in footage).
4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (C0-7 for oil wells; CG-8 for gas wells).
5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.



KANSAS CORPORATION COMMISSION 1059655
OIL & GAS CONSERVATION DIVISION

Form CDP-1
May 2010
Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name:		License Number:	
Operator Address:			
Contact Person:		Phone Number:	
Lease Name & Well No.:		Pit Location (QQQQ): ____ - ____ - ____ - ____	
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <i>(If WP Supply API No. or Year Drilled)</i>		Pit is: <input type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: _____ (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input type="checkbox"/> No		Chloride concentration: _____ mg/l <i>(For Emergency Pits and Settling Pits only)</i>	
Is the bottom below ground level? <input type="checkbox"/> Yes <input type="checkbox"/> No		Artificial Liner? <input type="checkbox"/> Yes <input type="checkbox"/> No	
How is the pit lined if a plastic liner is not used?			
Pit dimensions (all but working pits): _____ Length (feet) _____ Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: _____ (feet) <input type="checkbox"/> No Pit			
If the pit is lined give a brief description of the liner material, thickness and installation procedure.		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.	
Distance to nearest water well within one-mile of pit: _____ feet Depth of water well _____ feet		Depth to shallowest fresh water _____ feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input type="checkbox"/> KDWR	
Emergency, Settling and Burn Pits ONLY: Producing Formation: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pit? <input type="checkbox"/> Yes <input type="checkbox"/> No		Drilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover: _____ Number of working pits to be utilized: _____ Abandonment procedure: _____ _____ Drill pits must be closed within 365 days of spud date.	
<p>Submitted Electronically</p>			

KCC OFFICE USE ONLY

Liner Steel Pit RFAC RFAS

Date Received: _____ Permit Number: _____ Permit Date: _____ Lease Inspection: Yes No



CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: C-1 (Intent) CB-1 (Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)

OPERATOR: License # _____
Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Contact Person: _____
Phone: (_____) _____ Fax: (_____) _____
Email Address: _____

Well Location:
____ - ____ - ____ - ____ Sec. ____ Twp. ____ S. R. ____ East West
County: _____
Lease Name: _____ Well #: _____

If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:

Surface Owner Information:

Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____

When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the county, and in the real estate property tax records of the county treasurer.

If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.

Select one of the following:

- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.

I Submitted Electronically

I

TOPOGRAPHIC LAND SURVEYORS

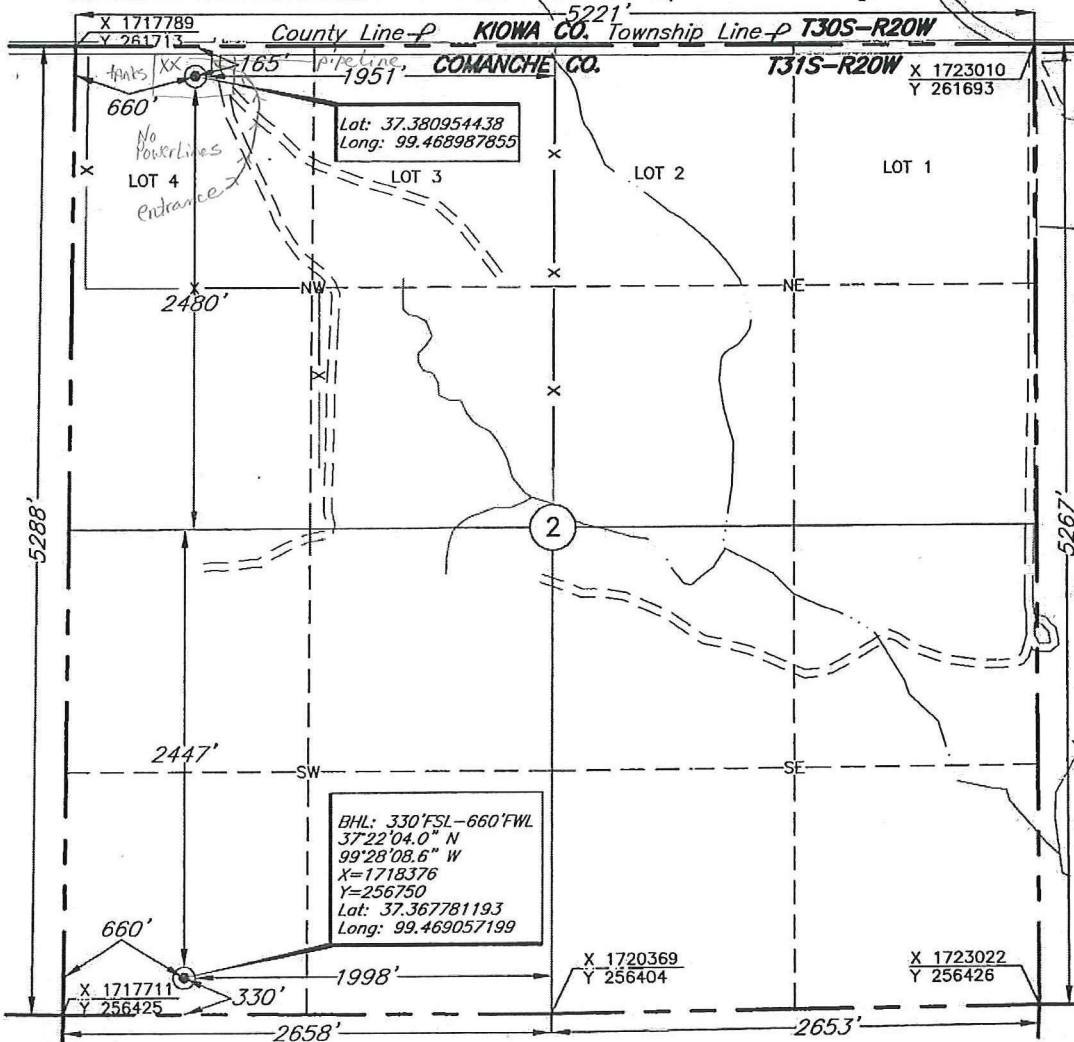
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

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

COMANCHE

County, Kansas

165'FNL-660'FWL Section 2 Township 31S Range 20W 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: GRACE

ELEVATION:
2158' Gr. at Stake

Topography & Vegetation Loc. fell 127' South of right-of-way fence in sloped pasture:

Good Drill Site? Fair 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 Protection, Ks, go 13 miles North to county line, then 1 mile East to the NW Cor. of Sec. 2-T31S-R20W

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

GPS
DATUM: NAD-27
LAT: 37°22'51.4\"/>

Revision A Date of Drawing: Jul. 12, 2011
Invoice # 170002 Date Staked: Jul. 6, 2011 LC

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



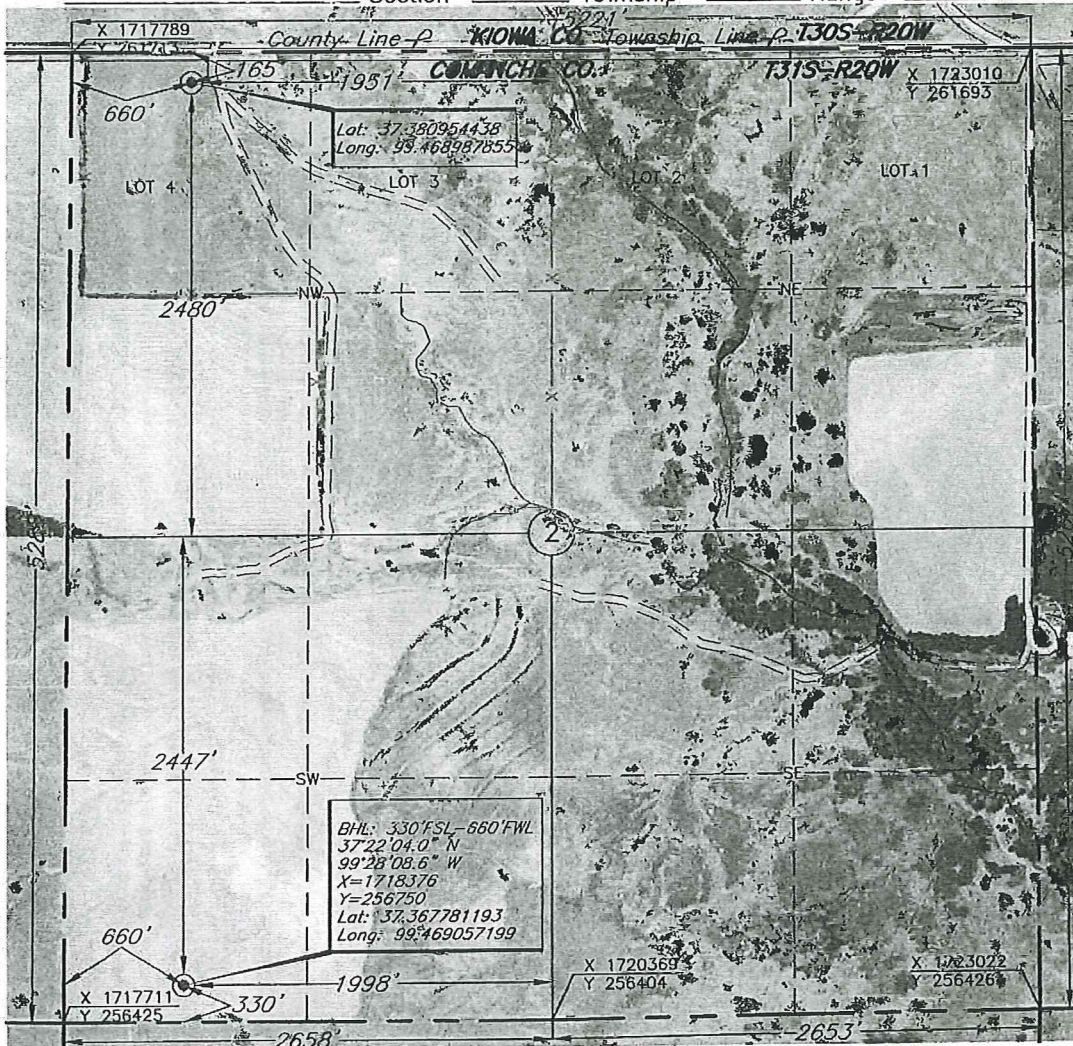
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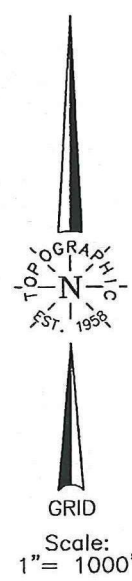
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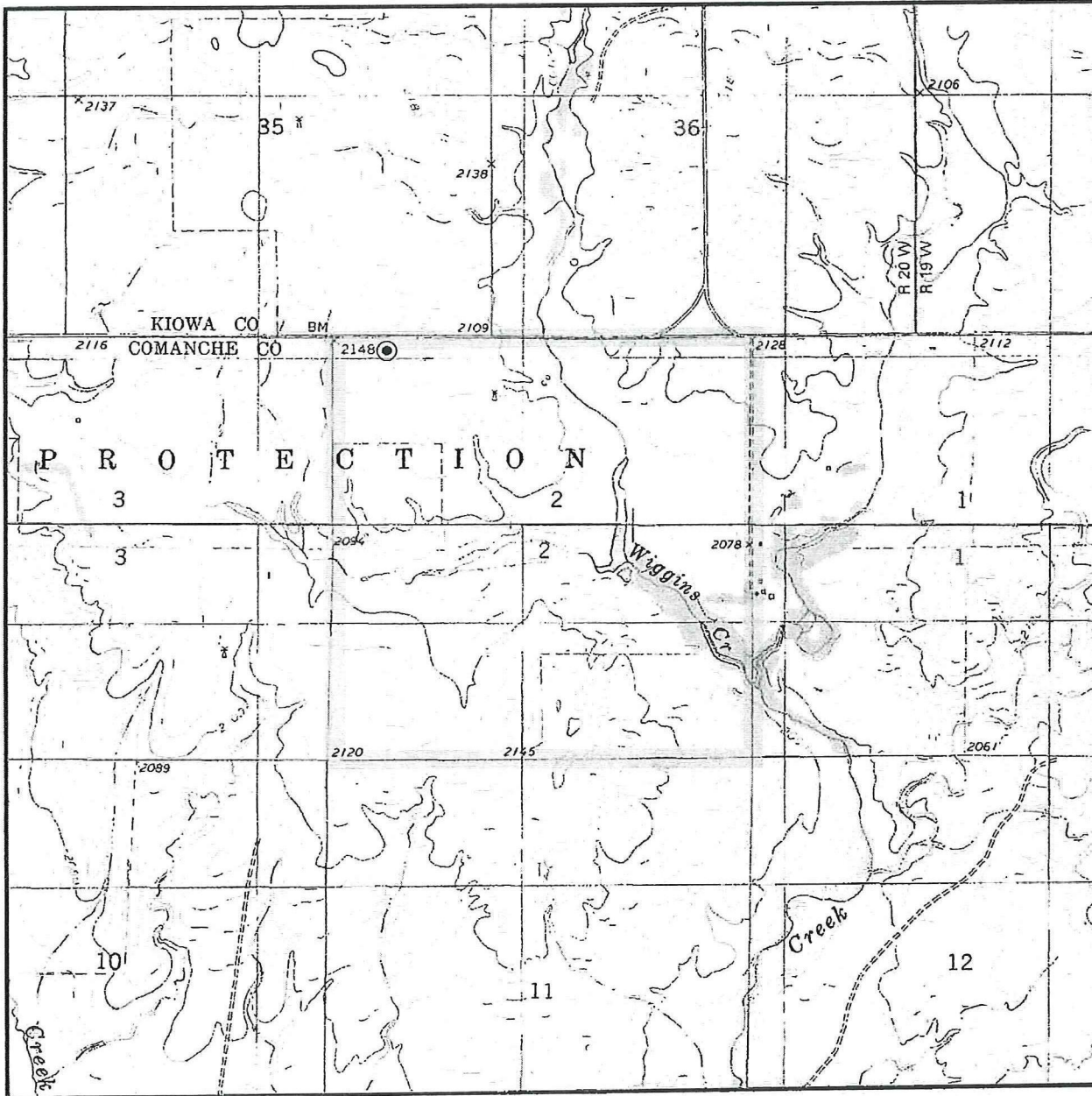
Kansas Reg. No. 1213



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. 2 Twp. 31S Rng. 20W

County COMANCHE State KS

Operator SANDRIDGE ENERGY, INC.

Description 165'FNL-660'FWL

Lease GRACE 1-2H

Elevation 2158' Gr. at Stake

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

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

Contour Interval 20'

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
 SURVEYING • MAPPING • GIS • GPS

Jul. 6, 2011

TOPOGRAPHIC LAND SURVEYORS

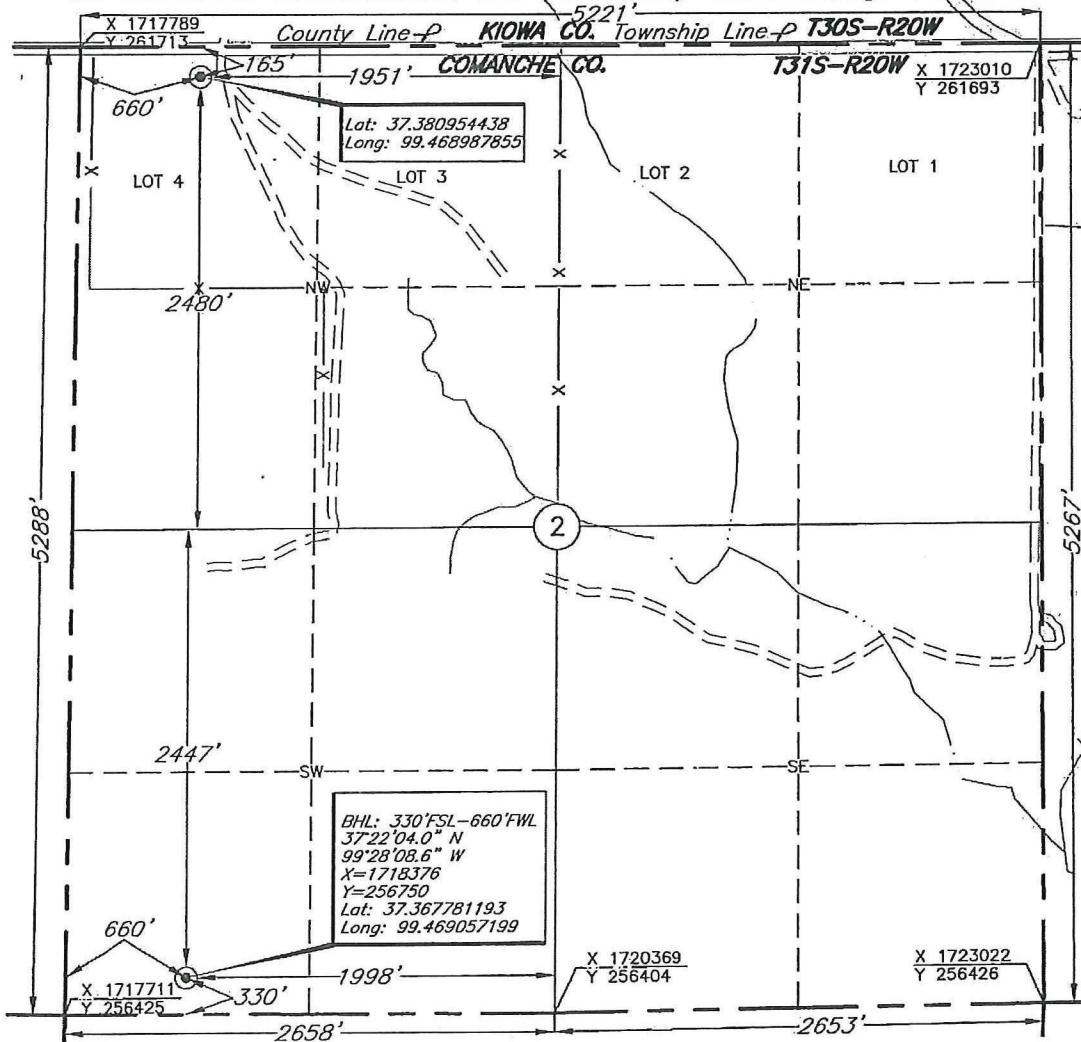
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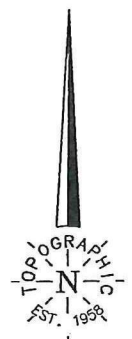
COMANCHE

County, Kansas

165'FNL-660'FWL Section 2 Township 31S Range 20W P.M.



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



GRID Scale: 1" = 1000'

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Well No.: 1-2H **ELEVATION:** 2158' Gr. at Stake

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

Revision A Date of Drawing: Jul. 12, 2011
Invoice # 170002 Date Staked: Jul. 6, 2011 LC

GPS DATUM: NAD-27
LAT: 37°22'51.4"N
LONG: 99°28'08.3"W
STATE PLANE COORDINATES: ZONE: KS SOUTH
X: 1718446
Y: 261546

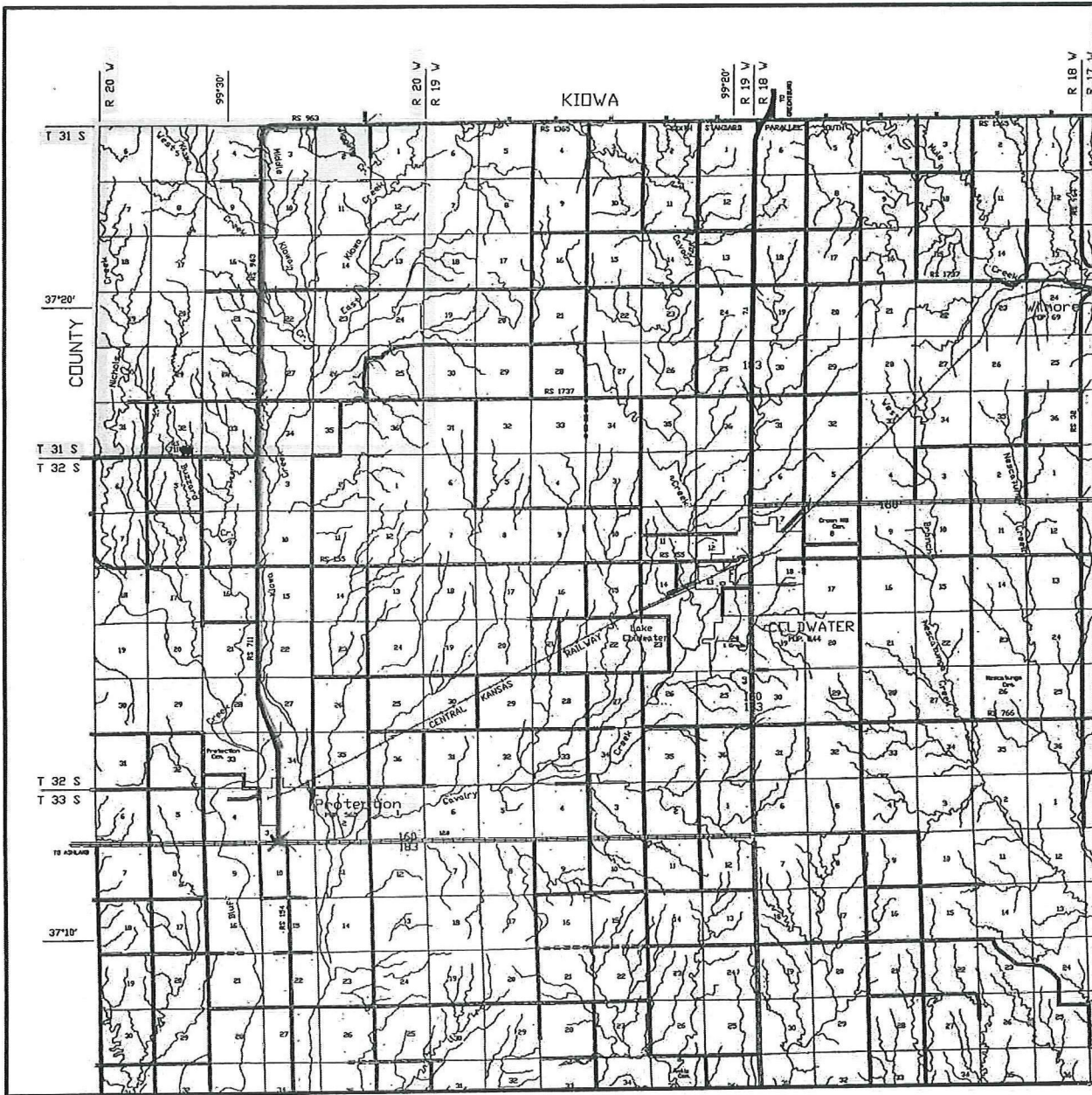
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VICINITY MAP



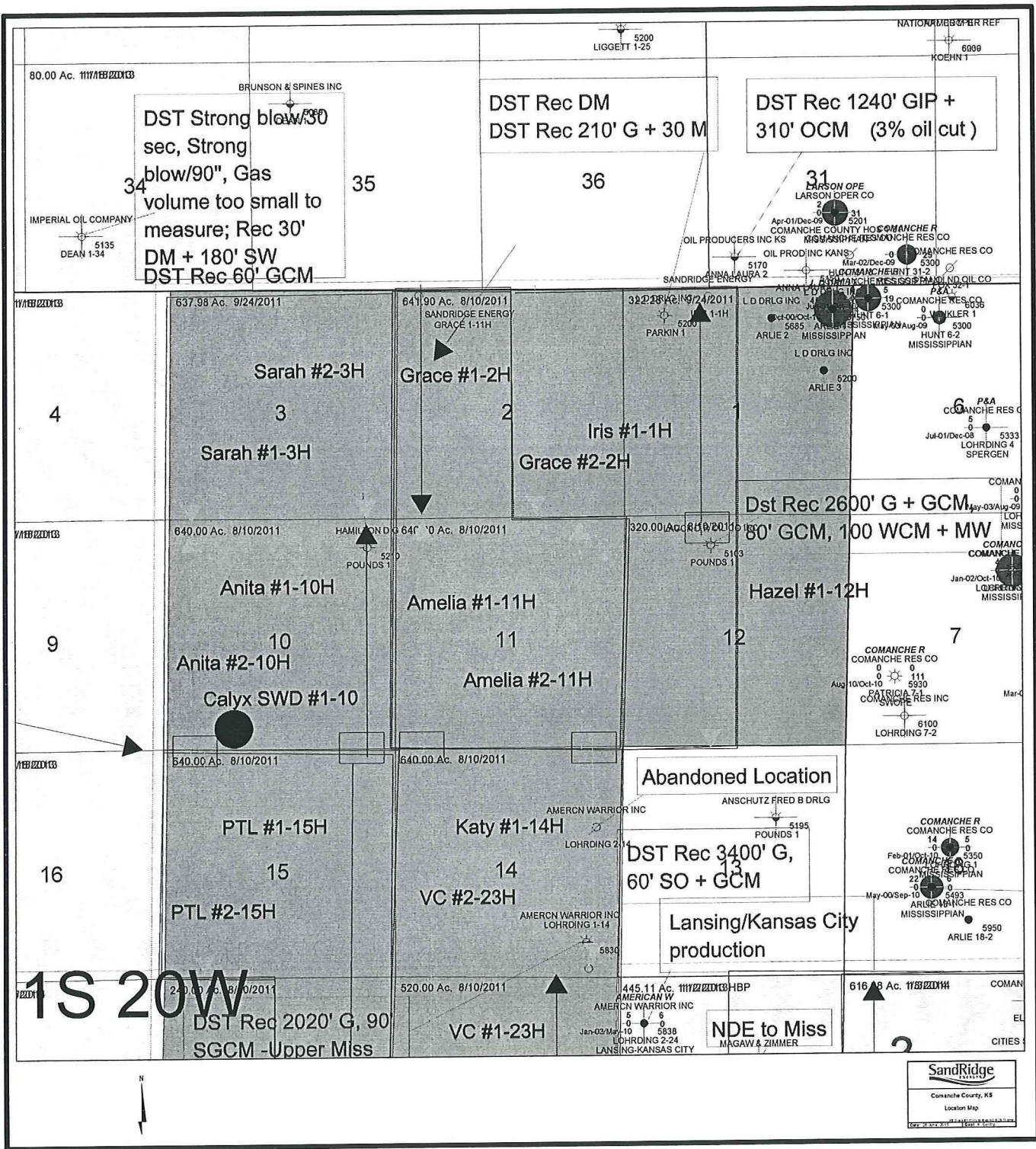
Scale: 1" = 3 Miles

Sec. 2 Twp. 31S Rng. 20W

County COMANCHE State KS

Operator SANDRIDGE ENERGY, INC.

TOPOGRAPHIC
SURVEYING • MAPPING • GIS • GPS



DST Strong blow/30 sec, Strong blow/90", Gas volume too small to measure; Rec 30' DM + 180' SW DST Rec 60' GCM

DST Rec DM
DST Rec 210' G + 30 M

DST Rec 1240' GIP + 310' OCM (3% oil cut)

Abandoned Location

DST Rec 3400' G, 60' SO + GCM

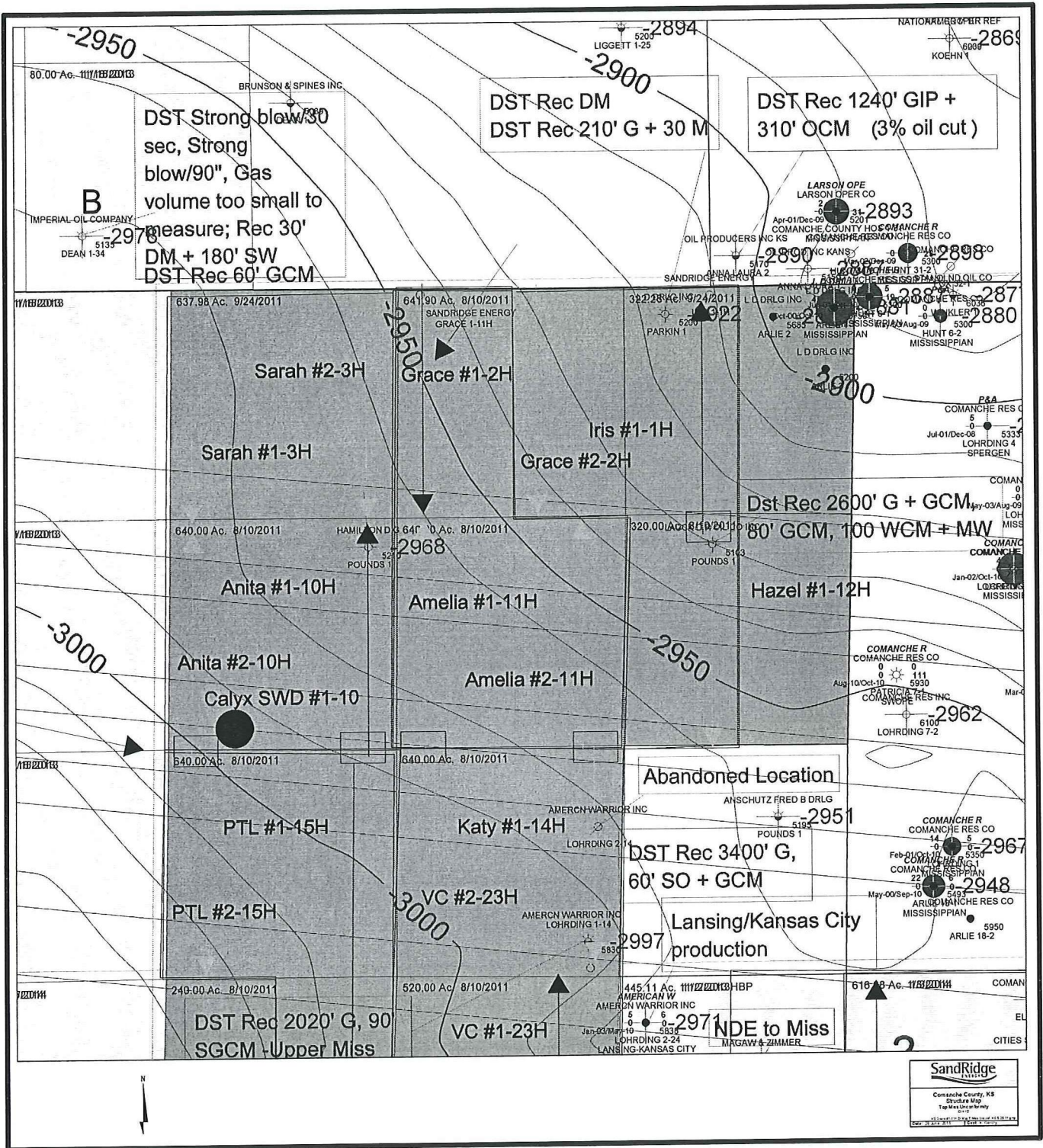
Lansing/Kansas City production

DST Rec 2020' G, 90' SGCM -Upper Miss

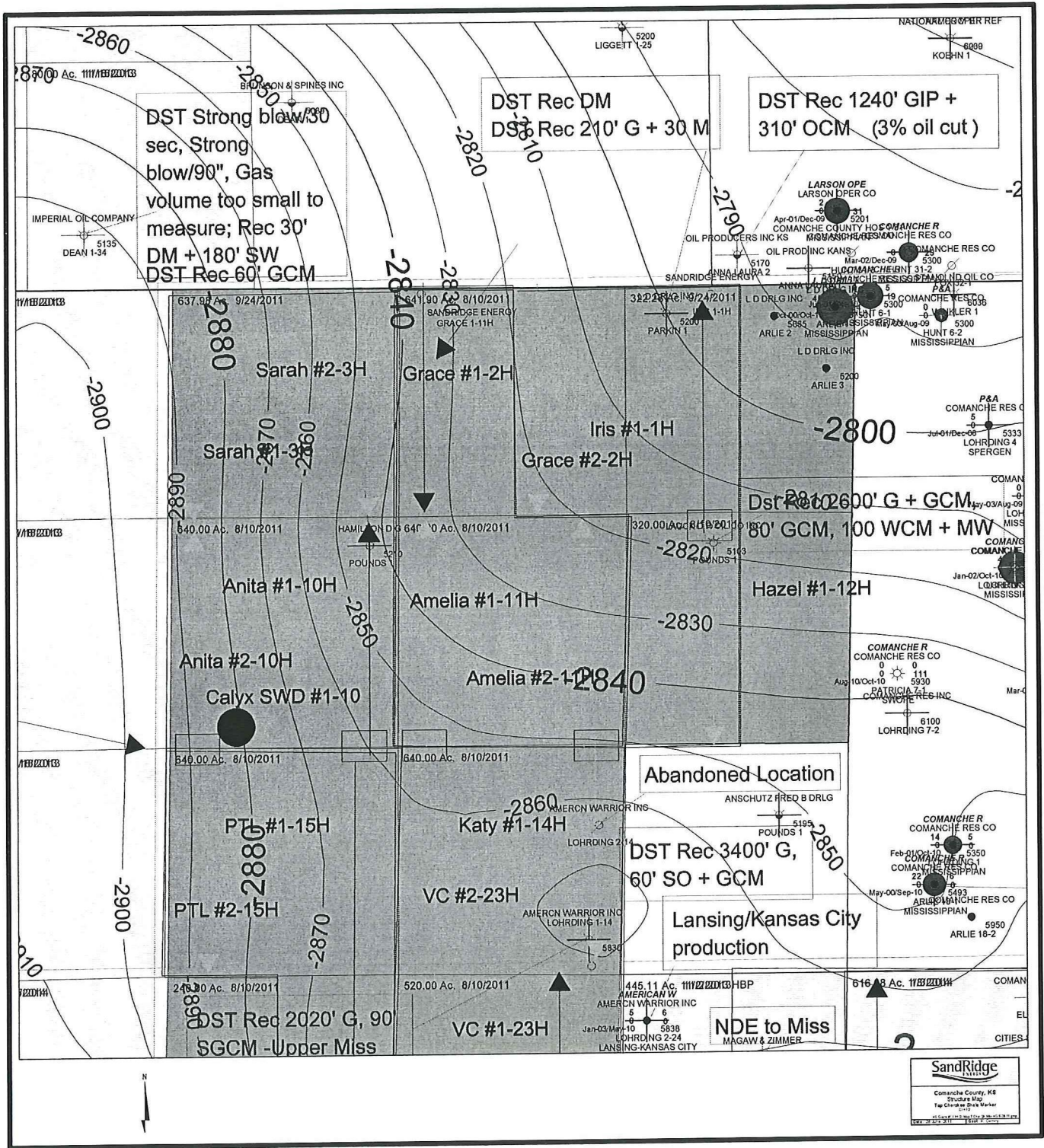
NDE to Miss
MAGAW & ZIMMER

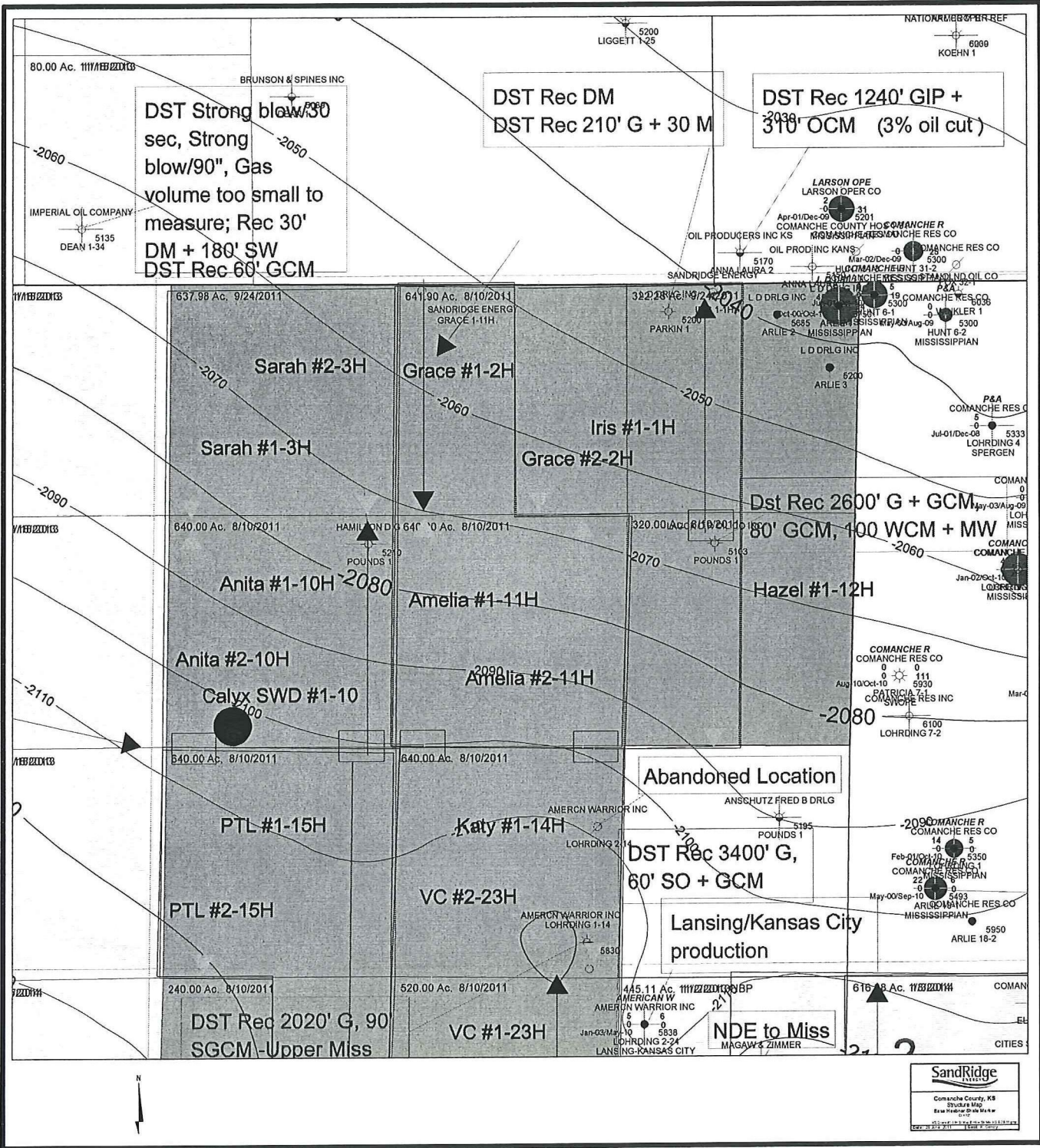
1S 20W





SandRidge
 Comanche County, KS
 Structure Map
 Top Map Using for only
 01/11/11





DST Strong blow/30 sec, Strong blow/90", Gas volume too small to measure; Rec 30' DM + 180' SW DST Rec 60' GCM

DST Rec DM
DST Rec 210' G + 30 M

DST Rec 1240' GIP + 310' OCM (3% oil cut)

Abandoned Location

DST Rec 3400' G, 60' SO + GCM

Lansing/Kansas City production

NDE to Miss

DST Rec 2020' G, 90 SGCM - Upper Miss



DST Strong blow/30 sec, Strong blow/90", Gas volume too small to measure; Rec 30'
DM + 180' SW
DST Rec 60' GCM

DST Rec DM
DST Rec 210' G + 30 M

DST Rec 1240' G/F + 310' OCM (3% oil cut)

PROTECTORION
Sarah #2-3H

Grace #1-2H

Grace #1-1H
Grace #2-2H

Sarah #1-3H

Anita #1-10H

Amelia #1-11H

Amelia #2-11H

Anita #2-10H

Calyx SWD #1-10

Dst Rec 2600' G + GCM, 80' GCM, 400 WCM + MW

Hazel #1-12H

PTL #1-15H

Katy #1-14H

DST Rec 3400' G, 60' SO + GCM

PTL #2-15H

VC #2-23H

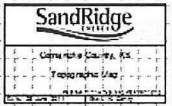
Lansing/Kansas City production

DST Rec 2020' G, 90' SGCM - Upper Miss

VC #1-23H

NDE to Miss

18 20W



November 30, 2011

Gil Messersmith
SandRidge Exploration and Production LLC
123 ROBERT S. KERR AVE
OKLAHOMA CITY, OK 73102-6406

Re: Drilling Pit Application
Grace 1-2H
NW/4 Sec.02-31S-20W
Comanche County, Kansas

Dear Gil Messersmith:

District staff has inspected the location and has determined that an unsealed condition will present a pollution threat to water resources.

District staff has recommended that the reserve pit be lined. If a plastic liner is to be used it must have a minimum thickness of 20 mil. Integrity of the liner must be maintained at all times.

If production casing is set all completion fluids shall be removed from the working pits daily. NO completion fluids or non-exempt wastes shall be placed in the reserve pit.

The fluids are to be removed from the reserve pit as soon as the Hutchinson Salt section has been drilled through and displacement of the fluids into the reserve pit has occurred. The fluids should be removed again as soon as practical after drilling operations have ceased. The fluids should be taken to an authorized disposal well. Please call the District Office at (620) 225-8888 when the fluids have been removed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, through KOLAR within 30 days of fluid removal.

A copy of this letter should be posted in the doghouse along with the approved Intent to Drill. If you have any questions or concerns please feel free to contact the District Office at (620) 225-8888.