CORRECTION #1

1145877

**For KCC Use:**
Effective Date: 05/28/2013
District # 2
SGA? [X] Yes [ ] No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

**Form C-1**
March 2010
**Form must be Typed**
**Form must be Signed**
**All blanks must be Filled**

# NOTICE OF INTENT TO DRILL

***Must be approved by KCC five (5) days prior to commencing well***

***Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act, MUST be submitted with this form.***

Expected Spud Date: 6/1/2013 (month / day / year)

OPERATOR: License# 34192
Name: SandRidge Exploration and Production LLC
Address 1: 123 ROBERT S. KERR AVE
Address 2:
City: OKLAHOMA CITY State: OK Zip: 73102 + 6406
Contact Person: Tiffany Golay
Phone: 405-429-6543

CONTRACTOR: License#
Name: Advise on ACO-1 -- Must be licensed by KCC

| *Well Drilled For:* | *Well Class:* | *Type Equipment:* |
|---|---|---|
| [X] Oil | [X] Infield | [X] Mud Rotary |
| [ ] Gas | [ ] Pool Ext. | [ ] Air Rotary |
| [ ] Enh Rec | [ ] Wildcat | [ ] Cable |
| [ ] Storage | [ ] Other | |
| [ ] Disposal | | |
| [ ] Seismic ; ____ # of Holes | | |
| [ ] Other: | | |

[ ] If OWWO: old well information as follows:

Operator:
Well Name:
Original Completion Date: ____ Original Total Depth: ____

Directional, Deviated or Horizontal wellbore? [ ] Yes [X] No
If Yes, true vertical depth:
Bottom Hole Location:
KCC DKT #:

**Top of salt @ appr. 950'. Max. surface casing 850'.**
**Veritcal pilot hole for horizontal.**

Spot Description:
S2 - S2 - SE - SE (Q/Q/Q/Q) Sec. 16 Twp. 35 S. R. 9 [ ] E [X] W
200 feet from [ ] N / [X] S Line of Section
666 feet from [X] E / [ ] W Line of Section
Is SECTION: [ ] Regular [X] Irregular?

*(**Note:** Locate well on the Section Plat on reverse side)*

County: Harper
Lease Name: Teresia 3509 Well #: 1-16
Field Name: Amorita
Is this a Prorated / Spaced Field? [ ] Yes [X] No
Target Formation(s): Kinderhook
Nearest Lease or unit boundary line (in footage): 330
Ground Surface Elevation: 1230 Estimated feet MSL
Water well within one-quarter mile: [ ] Yes [X] No
Public water supply well within one mile: [ ] Yes [X] No
Depth to bottom of fresh water: 100
Depth to bottom of usable water: 180
Surface Pipe by Alternate: [X] I [ ] II
Length of Surface Pipe Planned to be set: 800
Length of Conductor Pipe (if any):
Projected Total Depth: 5160
Formation at Total Depth: Kinderhook
Water Source for Drilling Operations:
[ ] Well [X] Farm Pond [ ] Other:
DWR Permit #:
*(**Note:** Apply for Permit with DWR [ ])*
Will Cores be taken? [ ] Yes [X] No
If Yes, proposed zone:

## AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq.

It is agreed that the following minimum requirements will be met:

1. Notify the appropriate district office ***prior*** to spudding of well;
2. A copy of the approved notice of intent to drill ***shall be*** posted on each drilling rig;
3. The minimum amount of surface pipe as specified below ***shall be set*** by circulating cement to the top; in all cases surface pipe ***shall be set*** through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary ***prior to plugging;***
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within ***120 DAYS*** of spud date. Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. ***In all cases, NOTIFY district office*** prior to any cementing.

## Submitted Electronically

**For KCC Use ONLY**
API # 15 - 15-077-21797-00-00
Conductor pipe required 0 feet
Minimum surface pipe required 200 feet per ALT. [X] I [ ] II
Approved by: Rick Hestermann 06/06/2013
**This authorization expires:** 05/23/2014
*(This authorization void if drilling not started within 12 months of approval date.)*

Spud date: ____ Agent: ____

***Remember to:***

- File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill;
- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed (within 60 days);
- Obtain written approval before disposing or injecting salt water.
- If well will not be drilled or permit has expired (See: authorized expiration date) please check the box below and return to the address below.

[ ] **Well will not be drilled or Permit Expired** Date: ____
Signature of Operator or Agent:

16 35 9 E [X] W

**Mail to: KCC - Conservation Division,**
**130 S. Market - Room 2078, Wichita, Kansas 67202**

CORRECTION #1
*Side Two*

[redacted] 1145877

**For KCC Use ONLY**
API # 15 - 15-077-21797-00-00

## 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: SandRidge Exploration and Production LLC
Lease: Teresia 3509
Well Number: 1-16
Field: Amorita

Number of Acres attributable to well: ____
QTR/QTR/QTR/QTR of acreage: S2 - S2 - SE - SE

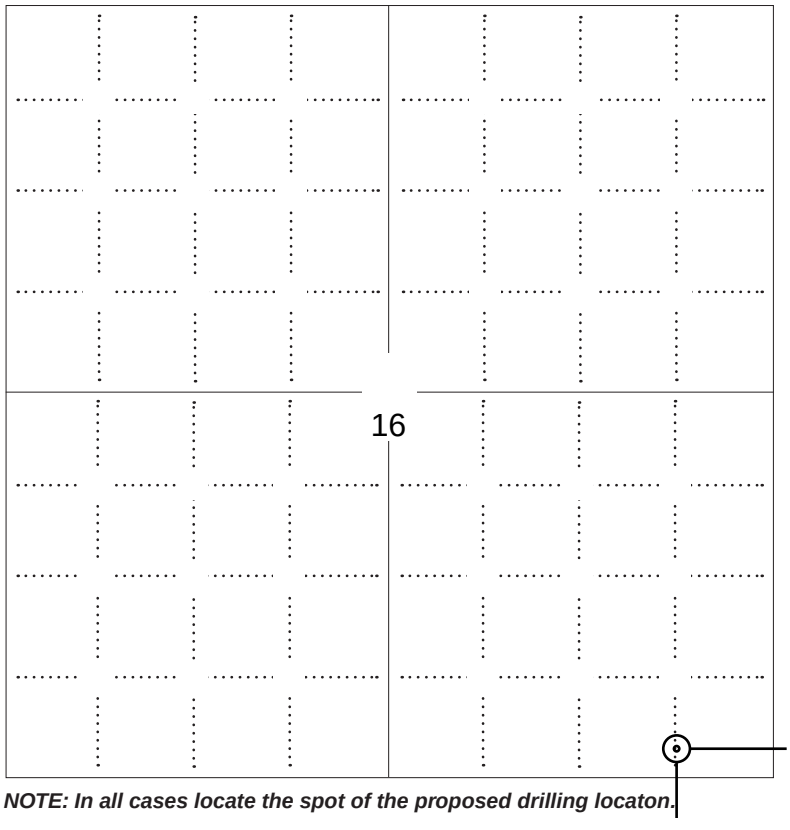
Location of Well: County: Harper
200 feet from ☐ N / ☒ S Line of Section
666 feet from ☒ E / ☐ W Line of Section
Sec. 16 Twp. 35 S. R. 9 ☐ E ☒ W

Is Section: ☐ Regular or ☒ Irregular

**If Section is Irregular, locate well from nearest corner boundary.**
Section corner used: ☐ NE ☐ NW ☒ SE ☐ SW

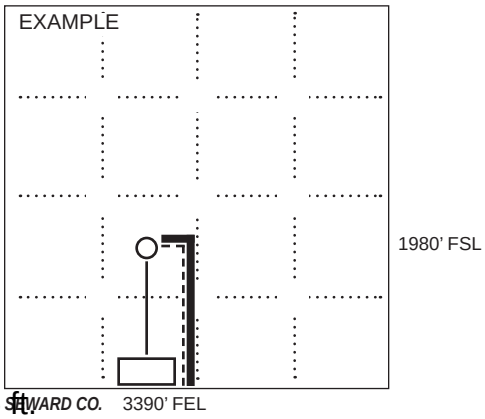
### PLAT

*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.

CORRECTION #1 [redacted]

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1145877

Form CDP-1
May 2010
Form must be Typed

# APPLICATION FOR SURFACE PIT

*Submit in Duplicate*

Operator Name: SandRidge Exploration and Production LLC | License Number: 34192

Operator Address: 123 ROBERT S. KERR AVE OKLAHOMA CITY OK 73102

Contact Person: Tiffany Golay | Phone Number: 405-429-6543

Lease Name & Well No.: Teresia 3509 1-16

Type of Pit:
☐ Emergency Pit ☐ Burn Pit
☐ Settling Pit ☐ Drilling Pit
☐ Workover Pit ☐ Haul-Off Pit
*(If WP Supply API No. or Year Drilled)*

Pit is:
☐ Proposed ☐ Existing
If Existing, date constructed:
Pit capacity: (bbls)

Pit Location (QQQQ): S2 - S2 - SE - SE
Sec. 16 Twp. 35 R. 9 ☐ East ☒ West
200 Feet from ☐ North / ☒ South Line of Section
666 Feet from ☒ East / ☐ West Line of Section
Harper County

Is the pit located in a Sensitive Ground Water Area? ☒ Yes ☐ No

Chloride concentration: mg/l
*(For Emergency Pits and Settling Pits only)*

Is the bottom below ground level? ☐ Yes ☐ No

Artificial Liner? ☐ Yes ☐ No

How is the pit lined if a plastic liner is not used?

Pit dimensions (all but working pits): Length (feet) Width (feet) ☒ N/A: Steel Pits

Depth from ground level to deepest point: (feet) ☐ 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:
☐ measured ☐ well owner ☐ electric log ☐ 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? ☐ Yes ☐ 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.

Submitted Electronically

**KCC OFFICE USE ONLY**

☐ Liner ☒ Steel Pit ☒ RFAC ☐ RFAS

Date Received: 06/06/2013 Permit Number: 15-077-21797-00-00 Permit Date: 05/23/2013 Lease Inspection: ☐ Yes ☒ No

**Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202**

CORRECTION #1 [redacted]

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1145877

Form KSONA-1
July 2010
**Form Must Be Typed**
**Form must be Signed**
**All blanks must be Filled**

# 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 # 34192
Name: SandRidge Exploration and Production LLC
Address 1: 123 ROBERT S. KERR AVE
Address 2:
City: OKLAHOMA CITY State: OK Zip: 73102 + 6406
Contact Person: Tiffany Golay
Phone: ( 405 ) 429-6543 Fax: ( ) 
Email Address:

Well Location:
S2 - S2 - SE - SE Sec. 16 Twp. 35 S. R. 9 ☐ East ☒ West
County: Harper
Lease Name: Teresia 3509 Well #: 1-16

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

***Surface Owner Information:***
Name: Guy E. and Teresia A. Clark
Address 1: 18781 State Highway 34, Lot 1
Address 2:
City: Woodward State: OK Zip: 73801 + 

*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.*

Submitted Electronically

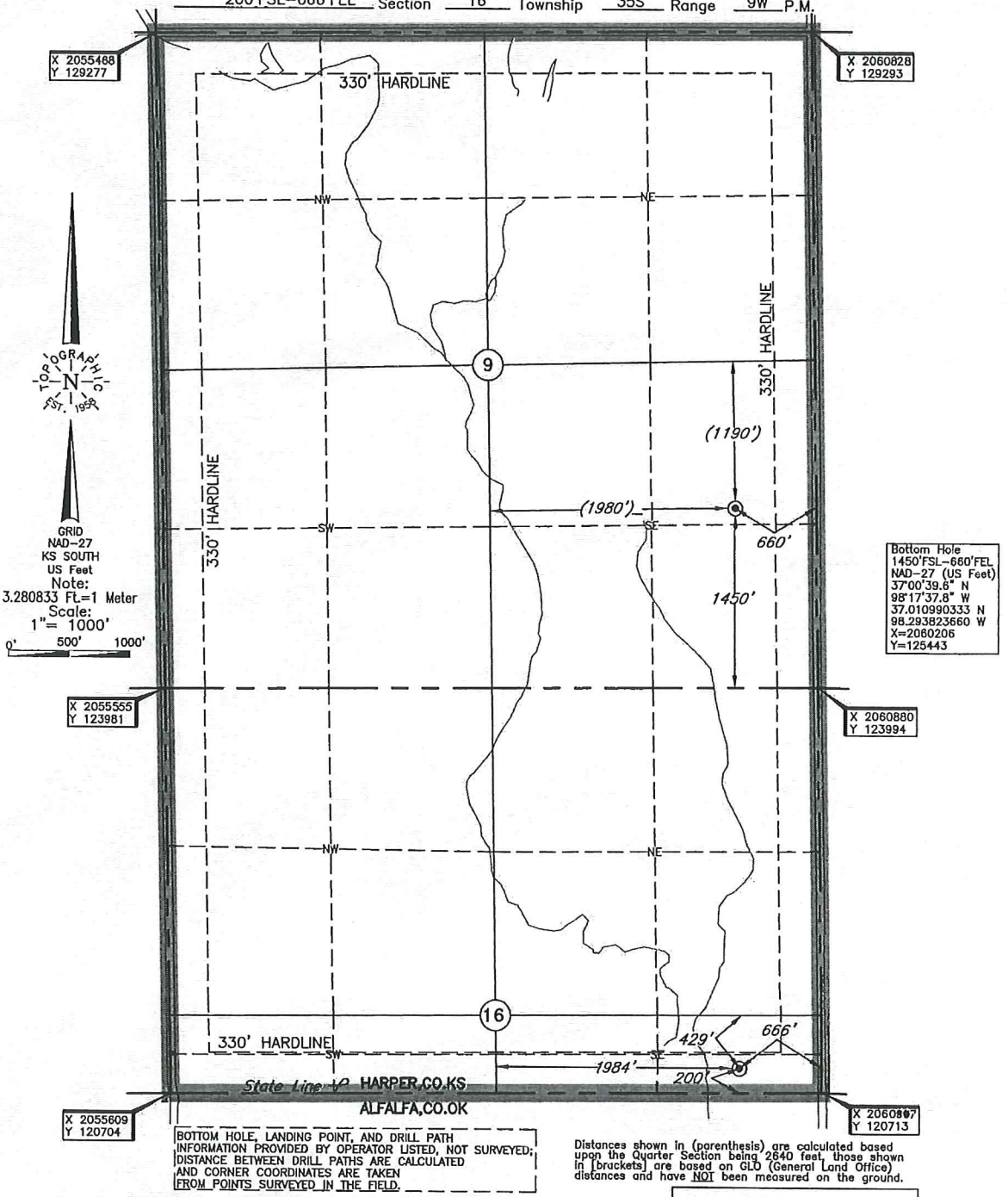
# TOPOGRAPHIC LAND SURVEYORS

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*

HARPER County, Kansas

200'FSL-666'FEL Section 16 Township 35S Range 9W P.M.




GRID NAD-27 KS SOUTH US Feet

Note: 3.280833 Ft.=1 Meter

Scale: 1"= 1000'

0' 500' 1000'

Bottom Hole
1450'FSL-660'FEL
NAD-27 (US Feet)
37°00'39.6" N
98°17'37.8" W
37.010990333 N
98.293823660 W
X=2060206
Y=125443

BOTTOM HOLE, LANDING POINT, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED; DISTANCE BETWEEN DRILL PATHS ARE CALCULATED AND 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: TERESIA Well No.: 1-16H

**ELEVATION:** 1228' Gr. at Stake

Topography & Vegetation Loc. fell on existing pad

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From East off county road

Distance & Direction
from Hwy Jct or Town From Byron, OK., go 7 miles North on St. Hwy. 58 to State Line & the SE Cor. of Sec. 16-T35S-R9W

(The following information was gathered using a GPS receiver Accuracy ±1.0 Feet.)

GPS
DATUM: NAD-27
LAT: 36°59'54.8"N
LONG: 98°17'37.4"W
LAT: 36.998544760
LONG: 98.293735953
STATE PLANE COORDINATES:
ZONE: KS SOUTH
X: 2060242
Y: 120911

Date of Drawing: Jun. 5, 2013
Invoice # 202177 Date Staked: Jun. 5, 2013 LC

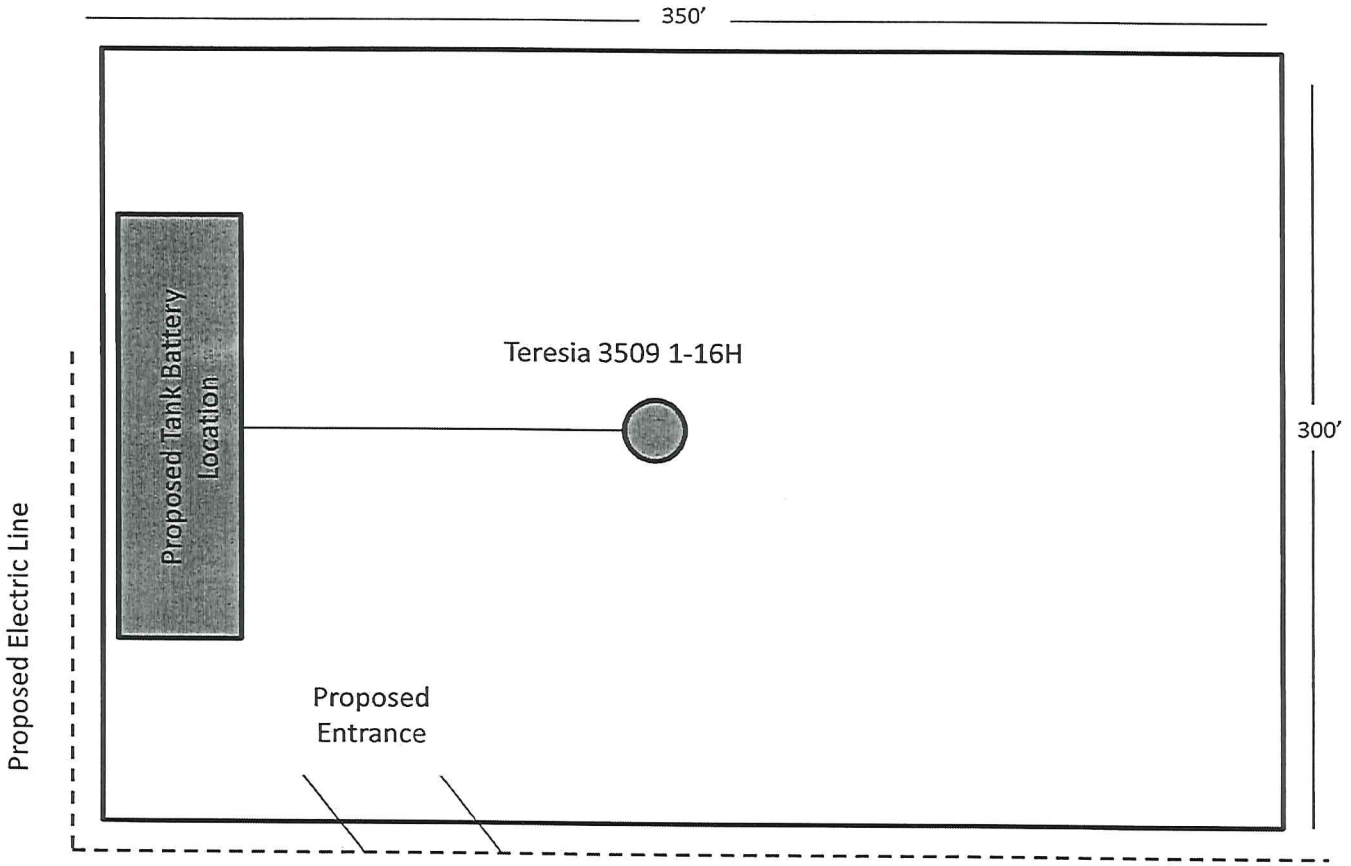
**CERTIFICATE:**

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.

T. WAYNE FISCH LICENSED LS-1213 KANSAS LAND SURVEYOR

T. Wayne Fisch 6-5-2013

# Teresia 3509 1-16H



**Teresia 3509 1-16H**

**Harper County, KS**

Unit Description:

All of 9-35S-9W

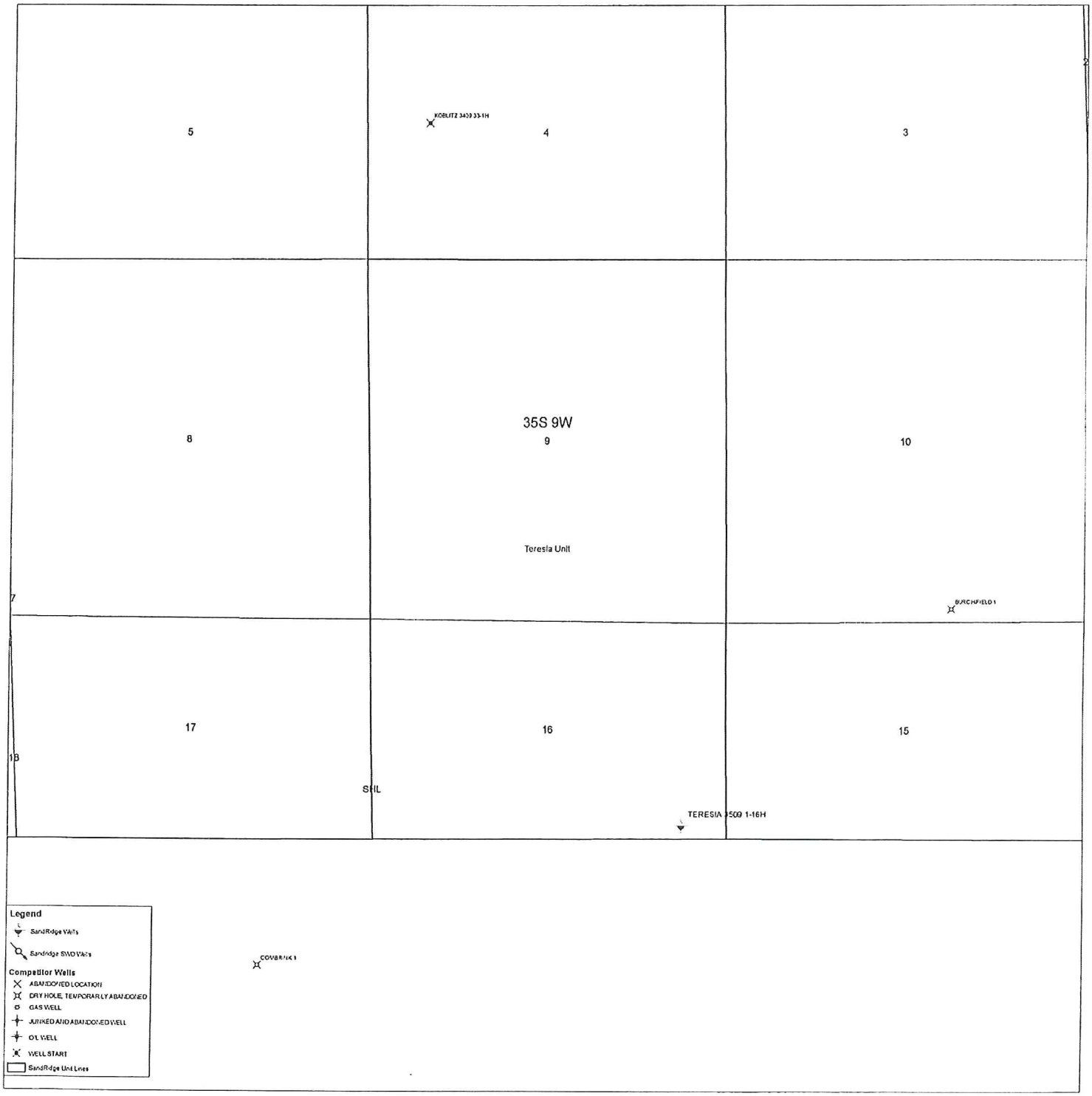
All of 16-35S-3W

Surface Owners:

Guy E. and Teresia A. Clark

18781 State Highway 34, Lot 1

Woodward, OK 73801


5
KOBLITZ 3409 33-1H
4
3
2
8
35S 9W
9
10
Teresia Unit
7
BURCHFIELD 1
17
16
15
18
SHL
TERESIA 3509 1-16H
COMBRINK 1
Legend
SandRidge Wells
Sandridge SWD Wells
Competitor Wells
ABANDONED LOCATION
DRY HOLE, TEMPORARILY ABANDONED
GAS WELL
JUNKED AND ABANDONED WELL
OIL WELL
WELL START
SandRidge Unit Lines

SANDRIDGE
THE POWER OF US™

June 6, 2013

Guy E. and Teresia A. Clark
18781 State highway 34, Lot 1
Woodward, OK 73801

Re: KSONA-1 NOTIFICATION

Please find attached an updated draft copy of Intent to Drill currently pending with the KCC for approval. The SHL has been changed. Please note that the first application is for the vertical portion of the well that will be extended to the Kinderhook formation and the second application is for the horizontal portion that will be completed in the Mississippian formation. We plan to drill the Teresia 3509 1-16H well located in Harper County, Kansas, and you are listed as the current surface owner.
This notice is being provided pursuant to the Kansas Surface Owner Notice Act (House Bill 2032). If you have any questions, please contact us.

Sincerely,

Tiffany Golay

Tiffany Golay
Regulatory Technician
SandRidge Energy
123 Robert S Kerr Avenue
Oklahoma City, OK 73102
T: 405.429.6543
E: tgolay@sandridgeenergy.com

/file
Attach.

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

June 06, 2013

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

Re: Drilling Pit Application
API 15-077-21797-00-00
Teresia 3509 1-16
SE/4 Sec.16-35S-09W
Harper County, Kansas

Dear Tiffany Golay:

According to the drilling pit application referenced above, no earthen pits will be used at this location. Steel pits will be used. Please inform the Commission in writing as to which disposal well you utilized to dispose of the contents in the steel pits and the amount of fluid that was disposed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, within 30 days of fluid removal.

Should a haul-off pit be necessary please file form CDP-1 (April 2004), Application for Surface Pit, through KOLAR. This location will have to be inspected prior to approval of the haul-off pit application.

**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 (316) 630-4000.

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

# HAUL-OFF PIT APPLICATION
# FILING REQUIREMENTS

**82-3-607. DISPOSAL OF DIKE AND PIT CONTENTS.**

(a) Each operator shall perform one of the following when disposing of dike or pit contents:

(1) Remove the liquid contents to a disposal well or other oil and gas operation approved by the commission or to road maintenance or construction locations approved by the department;

(2) dispose of reserve pit waste down the annular space of a well completed according to the alternate I requirements of K.A.R. 82-3-106, if the waste to be disposed of was generated during the drilling and completion of the well; or

(3) dispose of the remaining solid contents in any manner required by the commission. The requirements may include any of the following:

(A) Burial in place, in accordance with the grading and restoration requirements in K.A.R. 82-3-602 (f);

(B) removal and placement of the contents in an on-site disposal area approved by the commission;

(C) removal and placement of the contents in an off-site disposal area on acreage owned by the same landowner or to another producing lease or unit operated by the same operator, if prior written permission from the landowner has been obtained; or

(D) removal of the contents to a permitted off-site disposal area approved by the department.

(b) Each violation of this regulation shall be punishable by the following:

(1) A $1,000 penalty for the first violation;

(2) a $2,500 penalty for the second violation; and

(3) a $5,000 penalty and an operator license review for the third violation.

***File Haul-Off Pit Application in KOLAR. Review the information below and attach all required documents to the pit application when submitting through KOLAR. This form will automatically generate and fill in from questions asked in KOLAR.***

Haul-off pit will be located in an on-site disposal area: ___Yes ___No

Haul-off pit is located in an off-site disposal area on acreage owned by the same landowner: ___Yes ___No If yes, written permission from the land owner must be obtained. Attach written permission to haul-off pit application.

Haul-off pit is located in an off-site disposal area on another **producing** lease or unit operated by the same operator: ___Yes ___No If yes, written permission from the land owner must be obtained. Attach permission and a copy of the lease assignment that covers the acreage where the haul-off pit is to be located, to the haul-off pit application.

Summary of Changes

Lease Name and Number: Teresia 3509 1-16

API/Permit #: 15-077-21797-00-00

Doc ID: 1145877

Correction Number: 1

Approved By: Rick Hestermann 06/06/2013

| Field Name | Previous Value | New Value |
|---|---|---|
| Fresh Water Information Source: KDWR | Yes | No |
| KCC Only - Approved By | Rick Hestermann 05/23/2013 | Rick Hestermann 06/06/2013 |
| KCC Only - Approved Date | 05/23/2013 | 06/06/2013 |
| KCC Only - Date Received | 05/23/2013 | 06/06/2013 |
| KCC Only - Regular Section Quarter Calls | S2 S2 SE SE | SE SW SE SE |
| LocationInfoLink | https://solar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=16&t | https://solar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=16&t |
| Number of Feet East or West From Section Line | 660 | 666 |
| Number of Feet East or West From Section Line | 660 | 666 |
| Save Link | ../../kcc/detail/operatorEditDetail.cfm?docID=1139540 | ../../kcc/detail/operatorEditDetail.cfm?docID=1145877 |

# Summary of Attachments

Lease Name and Number: Teresia 3509 1-16

API: 15-077-21797-00-00

Doc ID: 1145877

Correction Number: 1

Approved By: Rick Hestermann 06/06/2013

Attachment Name

Attachments

No Earthen Pits

Haul Off Pit Application