

For KCC Use:  
Effective Date: \_\_\_\_\_  
District # \_\_\_\_\_  
SGA?  Yes  No

KANSAS CORPORATION COMMISSION 1227053  
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: \_\_\_\_\_ month \_\_\_\_\_ day \_\_\_\_\_ year \_\_\_\_\_

OPERATOR: License# \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: \_\_\_\_\_

CONTRACTOR: License# \_\_\_\_\_

Name: \_\_\_\_\_

Well Drilled For:	Well Class:	Type Equipment:	
<input type="checkbox"/> Oil <input type="checkbox"/> Gas	<input type="checkbox"/> Enh Rec <input type="checkbox"/> Storage <input type="checkbox"/> Disposal <input type="checkbox"/> Seismic ; _____ # of Holes <input type="checkbox"/> Other	<input type="checkbox"/> Infield <input type="checkbox"/> Pool Ext. <input type="checkbox"/> Wildcat <input type="checkbox"/> Other	<input type="checkbox"/> Mud Rotary <input type="checkbox"/> Air Rotary <input type="checkbox"/> Cable

If OWWO: old well information as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Completion Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Directional, Deviated or Horizontal wellbore?  Yes  No

If Yes, true vertical depth: \_\_\_\_\_

Bottom Hole Location: \_\_\_\_\_

KCC DKT #: \_\_\_\_\_

Spot Description: \_\_\_\_\_

(0000) - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  E  W  
feet from  N /  S Line of Section  
feet from  E /  W Line of Section

Is SECTION:  Regular  Irregular?

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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Is this a Prorated / Spaced Field?  Yes  No

Target Formation(s): \_\_\_\_\_

Nearest Lease or unit boundary line (in footage): \_\_\_\_\_

Ground Surface Elevation: \_\_\_\_\_ feet MSL

Water well within one-quarter mile:  Yes  No

Public water supply well within one mile:  Yes  No

Depth to bottom of fresh water: \_\_\_\_\_

Depth to bottom of usable water: \_\_\_\_\_

Surface Pipe by Alternate:  I  II

Length of Surface Pipe Planned to be set: \_\_\_\_\_

Length of Conductor Pipe (if any): \_\_\_\_\_

Projected Total Depth: \_\_\_\_\_

Formation at Total Depth: \_\_\_\_\_

Water Source for Drilling Operations:

Well  Farm Pond  Other: \_\_\_\_\_

DWR Permit #: \_\_\_\_\_

*(Note: Apply for Permit with DWR  )*

Will Cores be taken?  Yes  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 - \_\_\_\_\_

Conductor pipe required \_\_\_\_\_ feet

Minimum surface pipe required \_\_\_\_\_ feet per ALT.  I  II

Approved by: \_\_\_\_\_

**This authorization expires:** \_\_\_\_\_

*(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: \_\_\_\_\_

M  
W

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: \_\_\_\_\_

Location of Well: County: \_\_\_\_\_

Lease: \_\_\_\_\_

feet from  N /  S Line of Section

Well Number: \_\_\_\_\_

feet from  E /  W Line of Section

Field: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  E  W

Number of Acres attributable to well: \_\_\_\_\_

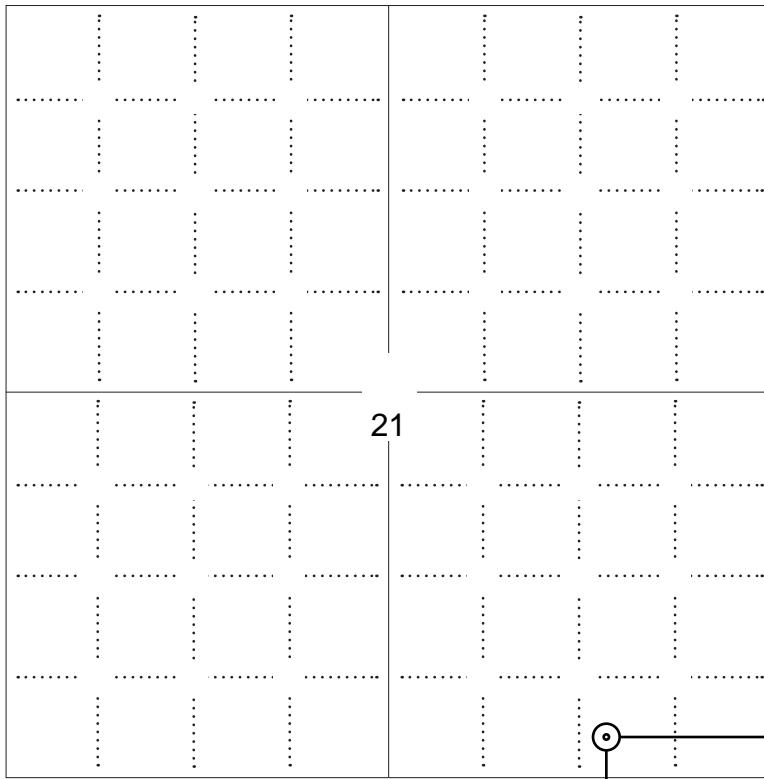
Is Section:  Regular or  Irregular

QTR/QTR/QTR/QTR of acreage: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

**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.

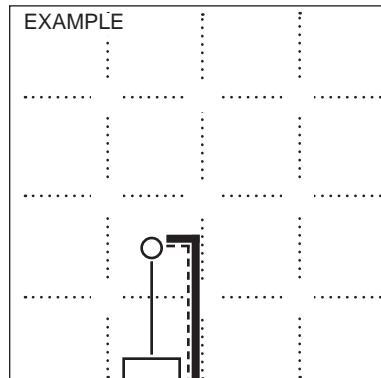


NOTE: In all cases locate the spot of the proposed drilling location.

280 ft.

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.



## APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name:		License Number:
Operator Address:		
Contact Person:		Phone Number:
Lease Name & Well No.:		Pit Location (QQQQ): ____ - ____ - ____ - ____ Sec. ____ Twp. ____ R. ____ <input type="checkbox"/> East <input type="checkbox"/> West ____ Feet from <input type="checkbox"/> North / <input type="checkbox"/> South Line of Section ____ Feet from <input type="checkbox"/> East / <input type="checkbox"/> West Line of Section ____ County
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 <small>(If WP Supply API No. or Year Drilled)</small> _____		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 <small>(For Emergency Pits and Settling Pits only)</small>
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
<b>Emergency, Settling and Burn Pits ONLY:</b>  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		<b>Drilling, Workover and Haul-Off Pits ONLY:</b>  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: \_\_\_\_\_ 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 # \_\_\_\_\_

Well Location:

Name: \_\_\_\_\_

\_\_\_\_ - \_\_\_\_ - \_\_\_\_ Sec. \_\_\_\_ Twp. \_\_\_\_ S. R. \_\_\_\_  East  West

Address 1: \_\_\_\_\_

County: \_\_\_\_\_

Address 2: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

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

Contact Person: \_\_\_\_\_

Phone: (\_\_\_\_\_) \_\_\_\_\_ Fax: (\_\_\_\_\_) \_\_\_\_\_

Email Address: \_\_\_\_\_

**Surface Owner Information:**

Name: \_\_\_\_\_

*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.*

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

*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 must provide the name and address of the surface owner by filling out the top section of this form and 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

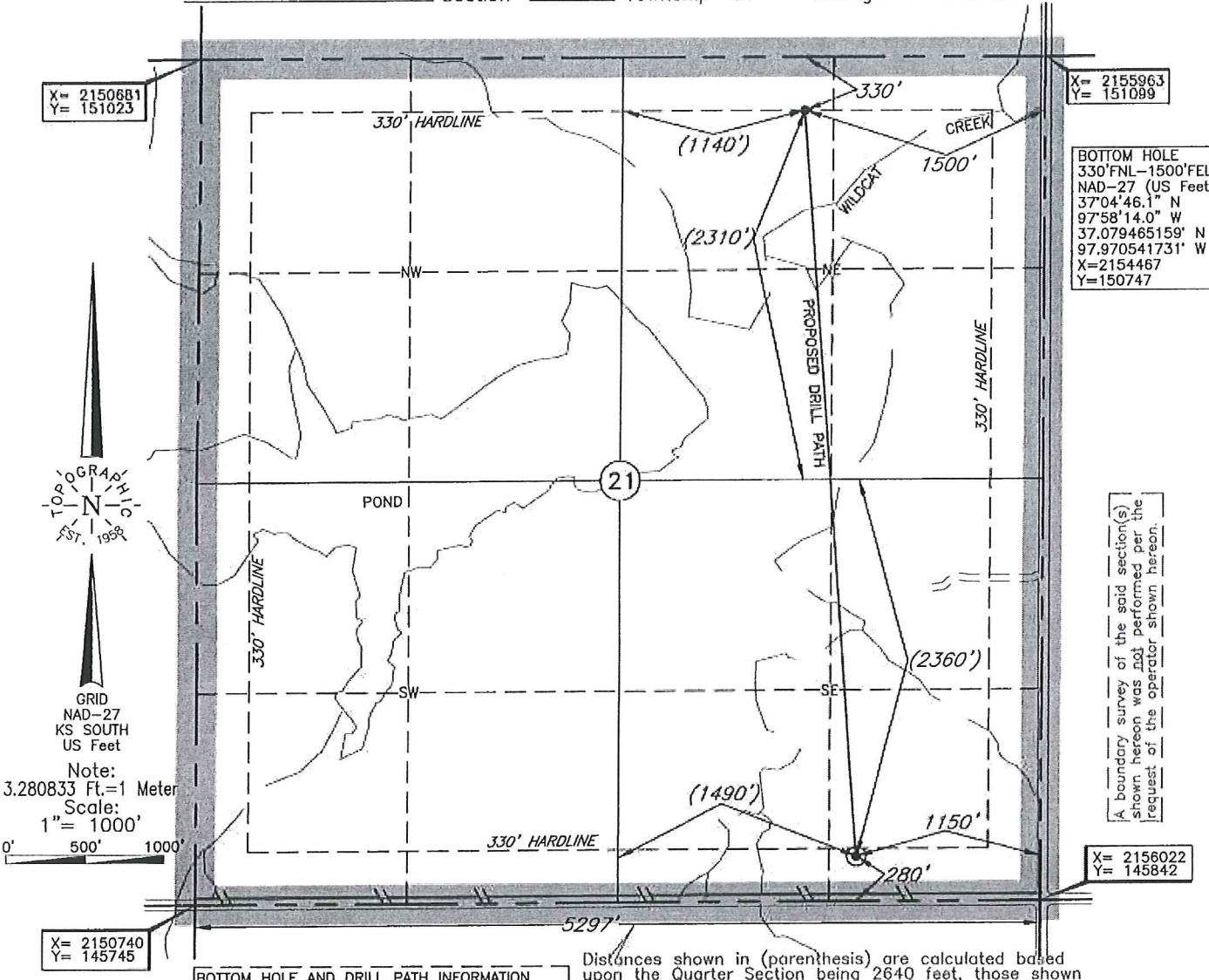
# TOPOGRAPHIC LAND SURVEYORS

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, 2015

HARPER

County, Kansas

280' FSL - 1150' FEL Section 21 Township 34S Range 6W P.M.



Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC

Lease Name: MOHR 3406

Well No.: 2-21H

ELEVATION:

1291' Gr. at Stake

Topography & Vegetation Loc. fell in center of terraced grass area, ±180' North of gas pipeline

Good Drill Site? Yes

Reference Stakes or Alternate Location  
Stakes Set None

Best Accessibility to Location From South off county road

Distance & Direction

from Hwy Jct or Town From Jct. St. Hwy. 179 and the Oklahoma-Kansas State Line, North of Manchester, OK, go ±3.7 mi. North on St. Hwy. 179, then ±0.5 mi. East, then 1.0 mi. North, then 4.0 mi. East to the SE Cor. of Sec. 21-T34S-R6W

Date of Drawing: Oct. 06, 2014

Invoice # 232112 Date Staked: Oct. 03, 2014

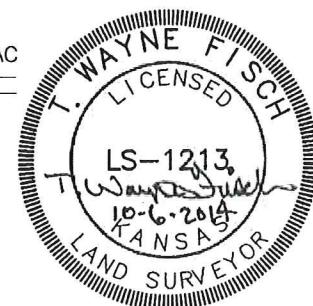
AC

## CERTIFICATE:

I, T. Wayne Fisch a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify to the information shown herein

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

DATUM: NAD-27  
LAT: 37°04'00.1"N  
LONG: 97°58'09.3"W  
LAT: 37.066697810° N  
LONG: 97.969255523° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: KS SOUTH  
X: 2154869  
Y: 146101



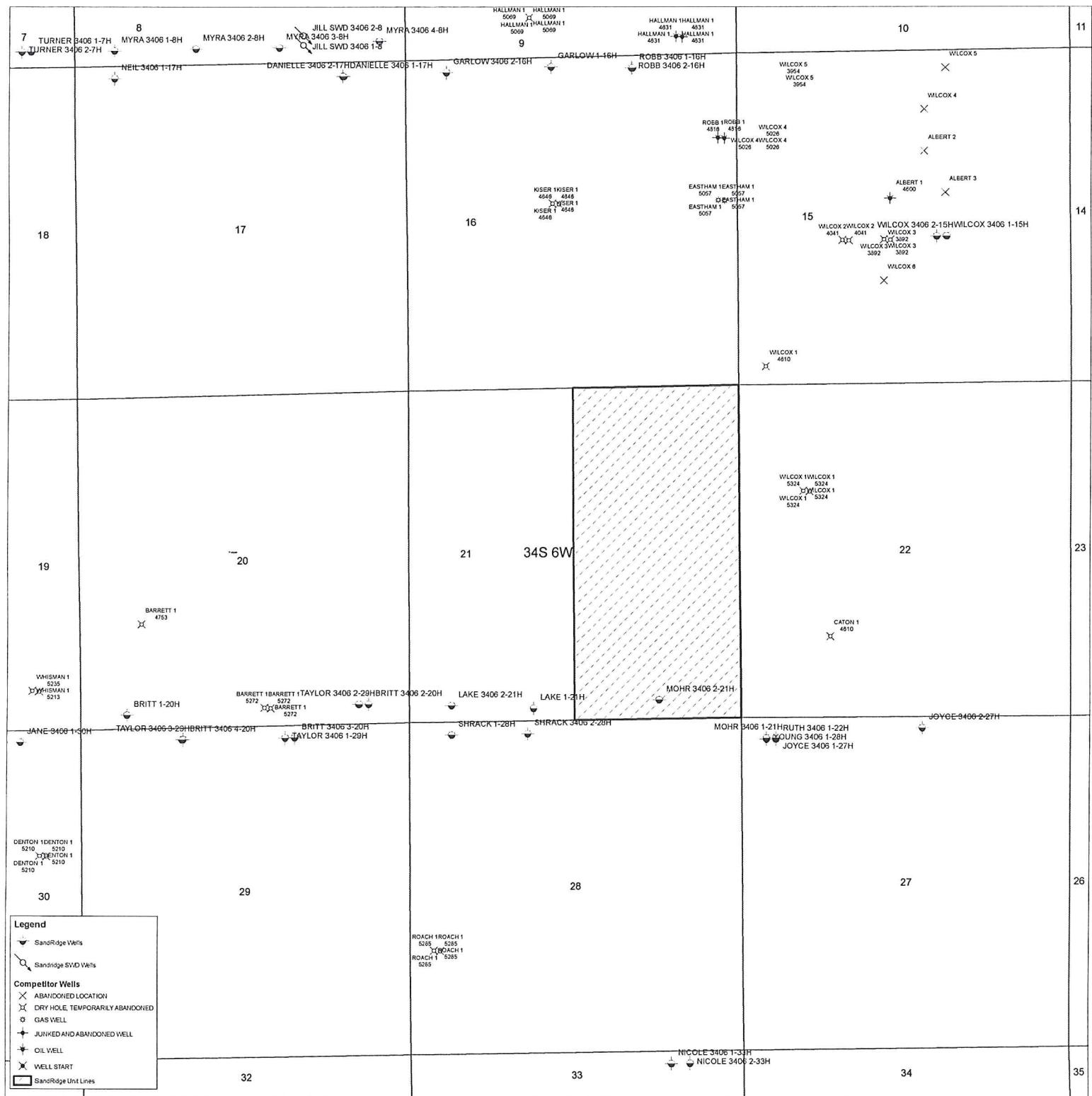
**Mohr 3406 2-21H**  
**Lease Information Sheet**

**Unit Description:**

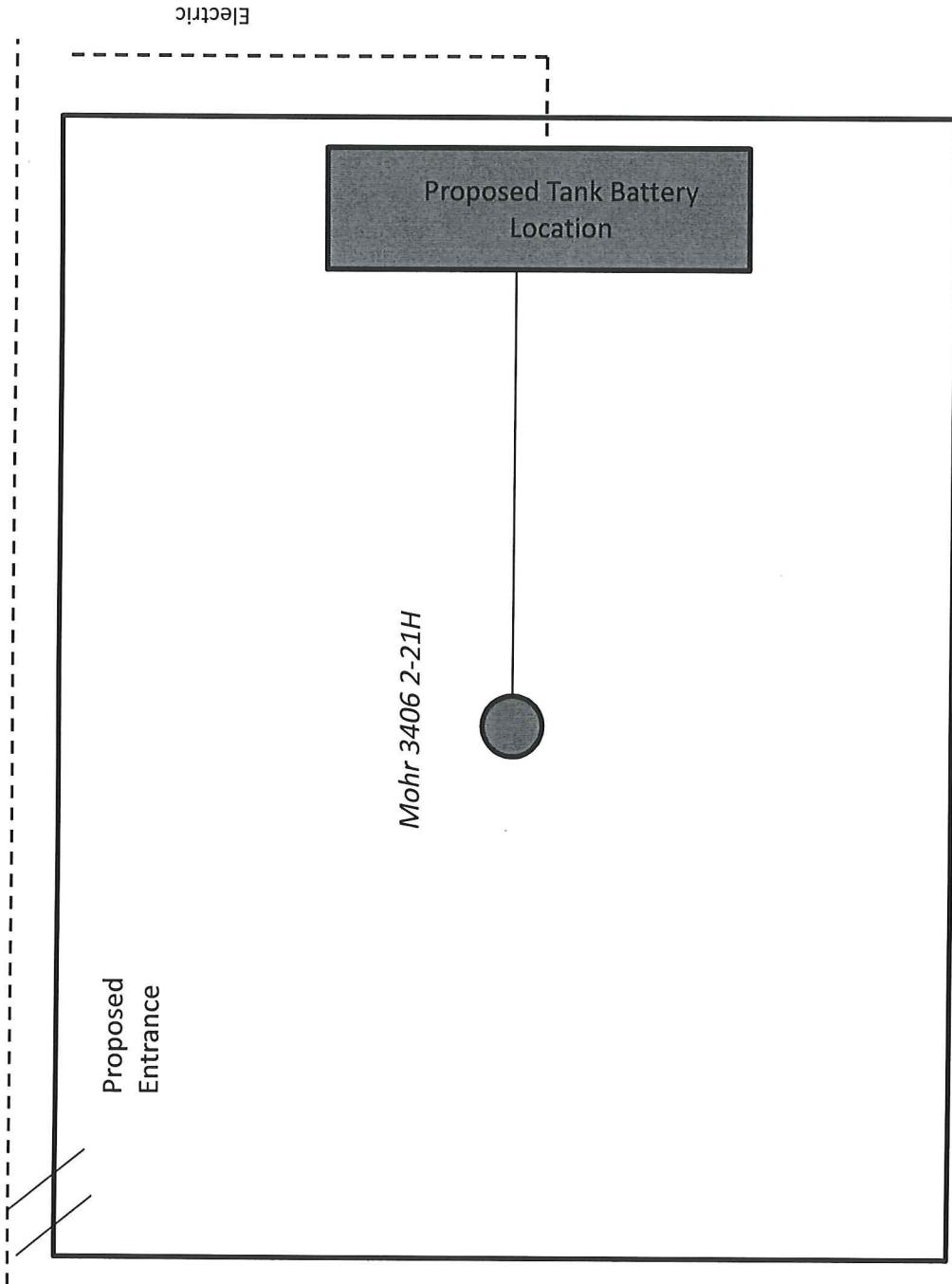
E2 Section 21-34S-6W  
Harper County

**Surface Owner:**

04 Lake and Land LLC's  
POB 3886  
Wichita, KS 67201



Mohr 3406 2-21H



This plat is for proposed information only and may not represent the final drilling pad layout of wells, utilities or tank battery. Please refer to the Kansas Survey Plat for the actual location of wells.

October 10, 2014

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

Re: Drilling Pit Application  
API 15-077-22097-01-00  
Mohr 3406 2-21H  
SE/4 Sec.21-34S-06W  
Harper County, Kansas

Dear Wanda Ledbetter:

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.

## HAUL-OFF PIT APPLICATION FILING REQUIREMENTS

**82-3-607.**

(a) pit

or

on

lease

from

### **DISPOSAL OF DIKE AND PIT CONTENTS.**

Each operator shall perform one of the following when disposing of dike or

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

acreage owned by the same landowner or to another producing or unit operated by the same operator, if prior written permission the landowner has been obtained; or

approved

(D) removal of the contents to a permitted off-site disposal area 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: Mohr 3406 2-21H

API/Permit #: 15-077-22097-01-00

Doc ID: 1227053

Correction Number: 1

Approved By: Rick Hestermann 10/10/2014

Field Name	Previous Value	New Value
ElevationPDF	1285 Estimated	1291 Estimated
Ground Surface Elevation	1285	1291
KCC Only - Approved By	Rick Hestermann 09/26/2014	Rick Hestermann 10/10/2014
KCC Only - Approved Date	09/26/2014	10/10/2014
KCC Only - Date Received	09/26/2014	10/09/2014
LocationInfoLink	<a href="https://kolar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=21&amp;t1300">https://kolar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=21&amp;t1300</a>	<a href="https://kolar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=21&amp;t1150">https://kolar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=21&amp;t1150</a>
Number of Feet East or West From Section Line	1300	1150
Number of Feet East or West From Section Line	1300	1150
Number of Feet North or South From Section Line	300	280
Number of Feet North or South From Section Line	300	280

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Save Link	../../../../kcc/detail/operatorEditDetail.cfm?docID=1223990	../../../../kcc/detail/operatorEditDetail.cfm?docID=1227053

## Summary of Attachments

Lease Name and Number: Mohr 3406 2-21H

API: 15-077-22097-01-00

Doc ID: 1227053

Correction Number: 1

Approved By: Rick Hestermann 10/10/2014

### Attachment Name

No Earthen Pits

Haul Off Pit Application