



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

**KANSAS CORPORATION COMMISSION 1083434**  
**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"/> Enh Rec	<input type="checkbox"/> Infield
<input type="checkbox"/> Gas	<input type="checkbox"/> Storage	<input type="checkbox"/> Pool Ext.
	<input type="checkbox"/> Disposal	<input type="checkbox"/> Wildcat
<input type="checkbox"/> Seismic ; _____ # of Holes	<input type="checkbox"/> Other	<input type="checkbox"/> Mud Rotary
<input type="checkbox"/> Other: _____		<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: \_\_\_\_\_  
 \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  E  W  
 (Q/Q/Q/Q) \_\_\_\_\_ 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**

<p><b>For KCC Use ONLY</b></p> <p>API # 15 - _____</p> <p>Conductor pipe required _____ feet</p> <p>Minimum surface pipe required _____ feet per ALT. <input type="checkbox"/> I <input type="checkbox"/> II</p> <p>Approved by: _____</p> <p><b>This authorization expires:</b> _____          (This authorization void if drilling not started within 12 months of approval date.)</p> <p>Spud date: _____ Agent: _____</p>
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**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: \_\_\_\_\_

E  
 W



1083434

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

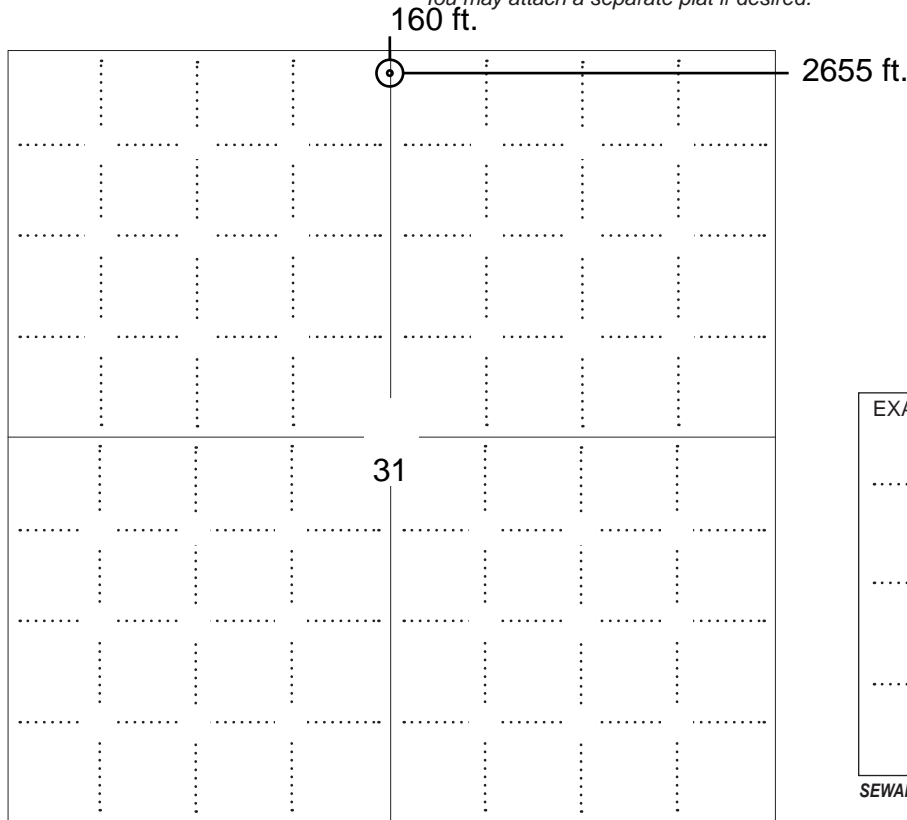
**If Section is Irregular, locate well from nearest corner boundary.**

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 1083434  
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	
<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.	
<p><b>Submitted Electronically</b></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



6/6/2012

Kansas Corporation Commission – Conservation Division  
130 S. Market – Room 2078  
Wichita, KS 66604-4027

To Whom it May Concern:

The proposed horizontal Mississippi Lime well Zerr #31-41-1H will be drilled entirely within section 31 of Township 10S – Range 28W north of Grainfield, Kansas – Sheridan County. The entry point into the Mississippi Lime and the TD of the well will comply with the minimum setback of 330' from all lease lines.

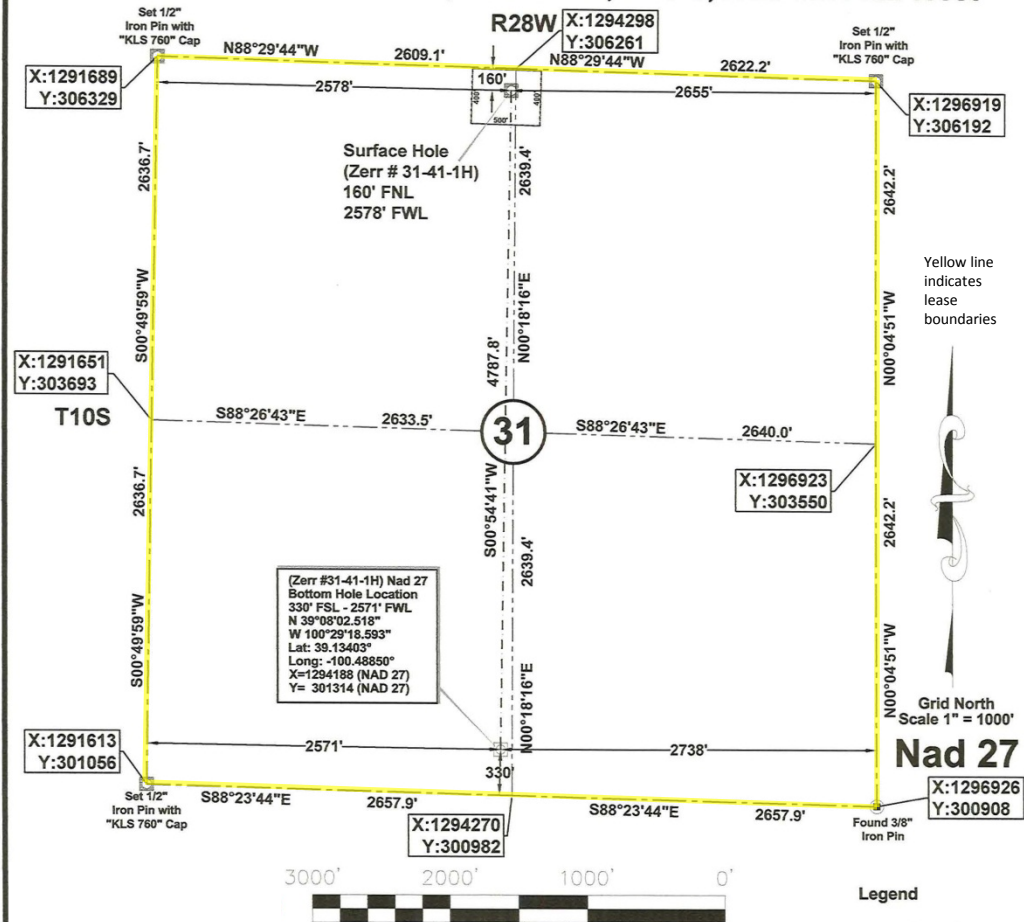
Section 31 consists of ~640 acres with rights (surface and minerals) completely owned by Peter Zerr of Grainfield, KS. Apache Corporation has leased all of Section 31 from Mr. Zerr and considers this to be one unit with no additional unitization required.

Sincerely,

Trent Fontenot  
Sr. Drilling Engineer  
Worldwide Drilling – New Ventures

# Sheridan County, Kansas.

## BHL 330' FSL - 2571' FWL, Section 31, T 10 S, R 28 6th P.M. West



BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.  
CORNER COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD.

OPERATOR: Apache Corporation WELL NO.: 31-41-1H

LEASE NAME: Zerr

TOPOGRAPHY & VEGETATION: Level to sloped grass pasture.

GOOD DRILL SITE: YES REFERENCE STAKES OR ALTERNATE LOCATION STAKES SET: NONE

BEST ACCESSIBILITY TO LOCATION: From the south or northwest  
DISTANCE & DIRECTION

FROM HWY JCT OR TOWN: Beginning at the intersection 010 Hwy 40 & Hwy 23, north on Hwy 23 0.75 mi. to the, west on Gove road 1.0 mi., north on CR 48 2.0 mi., west on CR FF 0.90 mi. to a two track road, west on two track road 0.10 mi. to a pasture, west along north line of Section 31 0.50 mi. to location.

REVISION: \_\_\_\_\_ DATE OF DRAWING: June 4, 2012  
INVOICE #: 17266 DATE STAKED: May 31, 2012

**STAKED SURFACE HOLE**

DATUM: Nad 27  
N: 39°08'49.839"  
W: 100°29'19.296"  
LAT: 39.14718°  
LONG: -100.48869°  
STATE PLANE COORDINATES: (US FEET)  
ZONE: OK North  
X: 1294264  
Y: 306102

We do hereby certify that this survey was done in accordance to records, maps and other information as provided to us by the client herein named and that great care was taken in the actual staking of this well and the determination of any obstacles thereupon. However, the accuracy of this survey is not guaranteed and if there appears to be any discrepancy, please notify us immediately.

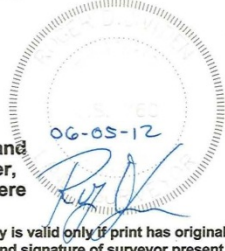
Survey is valid only if print has original seal and signature of surveyor present


48 HOURS BEFORE YOU DIG...  
CALL KANSAS ONE-CALL  
1-800-344-7233



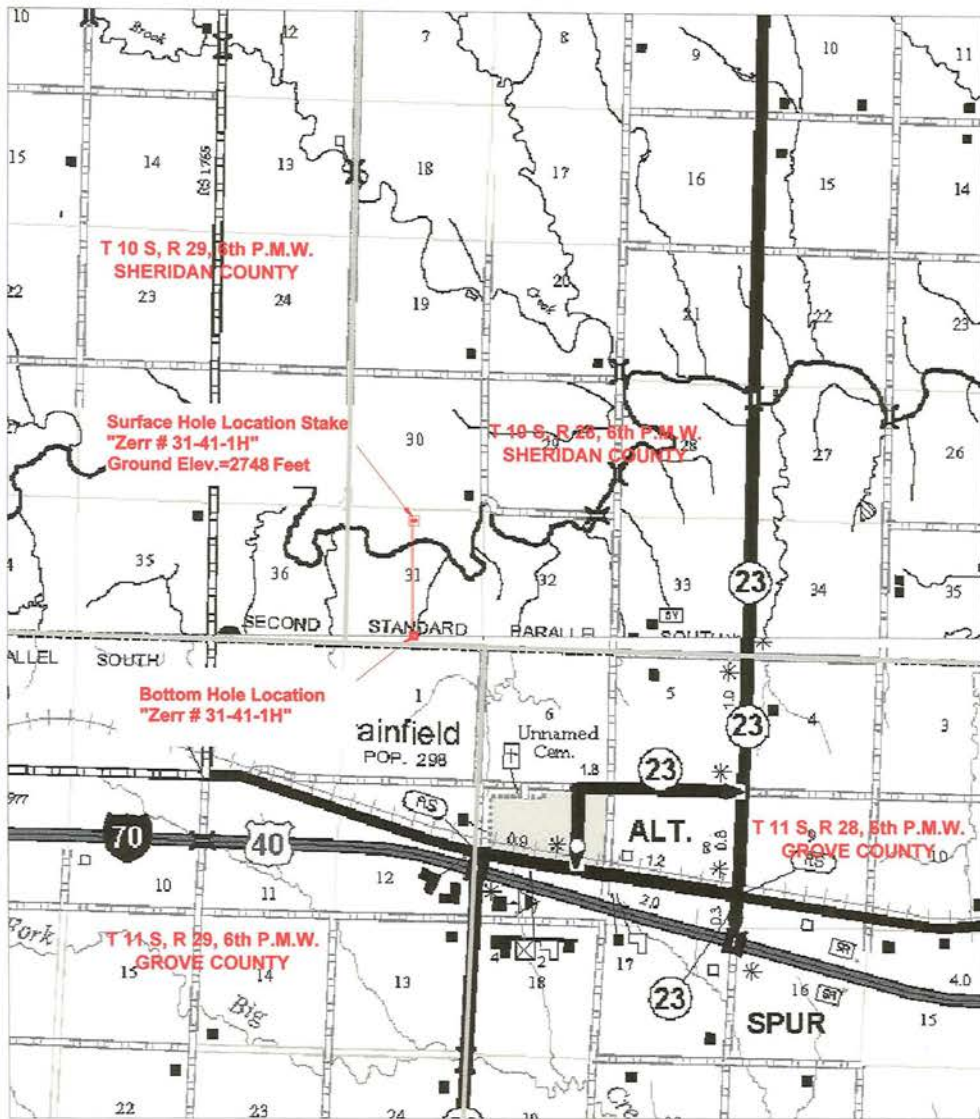
**KANSAS ONE-CALL SYSTEM**

Buried utilities are not necessarily shown. It is the contractor's responsibility to locate and preserve all utility services. Contractor is responsible for contacting all utility companies prior to construction.



	<b>JVIDENS LAND SURVEY CO., INC.</b> 1210 19TH STREET / P.O. BOX 943 WOODWARD, OKLAHOMA 73802 <small>Phone 580-256-7174 - Fax 580-256-3424                  roger@jvidenslandsurvey.com mike@jvidenslandsurvey.com</small>	Survey For: <b>Apache Corporation</b> 2000 Post Oak Blvd., Ste. 100 Houston, Texas 77056	JOB 339-12	DATE OF PLAT 06-04-2012	SCALE 1"=1000'	SHEET 1 OF 4
	DRAWN BY R.D.J.		OKLA. CA #2064, EXP. 06/30/2013 KANSAS CA #143, EXP. 12/31/2012			

**Sheridan County, Kansas.**  
**BHL 330' FSL - 2571' FWL, Section 31, T 10 S, R 28 6th P.M. West**



**VICINITY MAP**

48 HOURS BEFORE YOU DIG...  
 CALL KANSAS ONE-CALL  
 1-800-344-7233

KANSAS ONE-CALL SYSTEM

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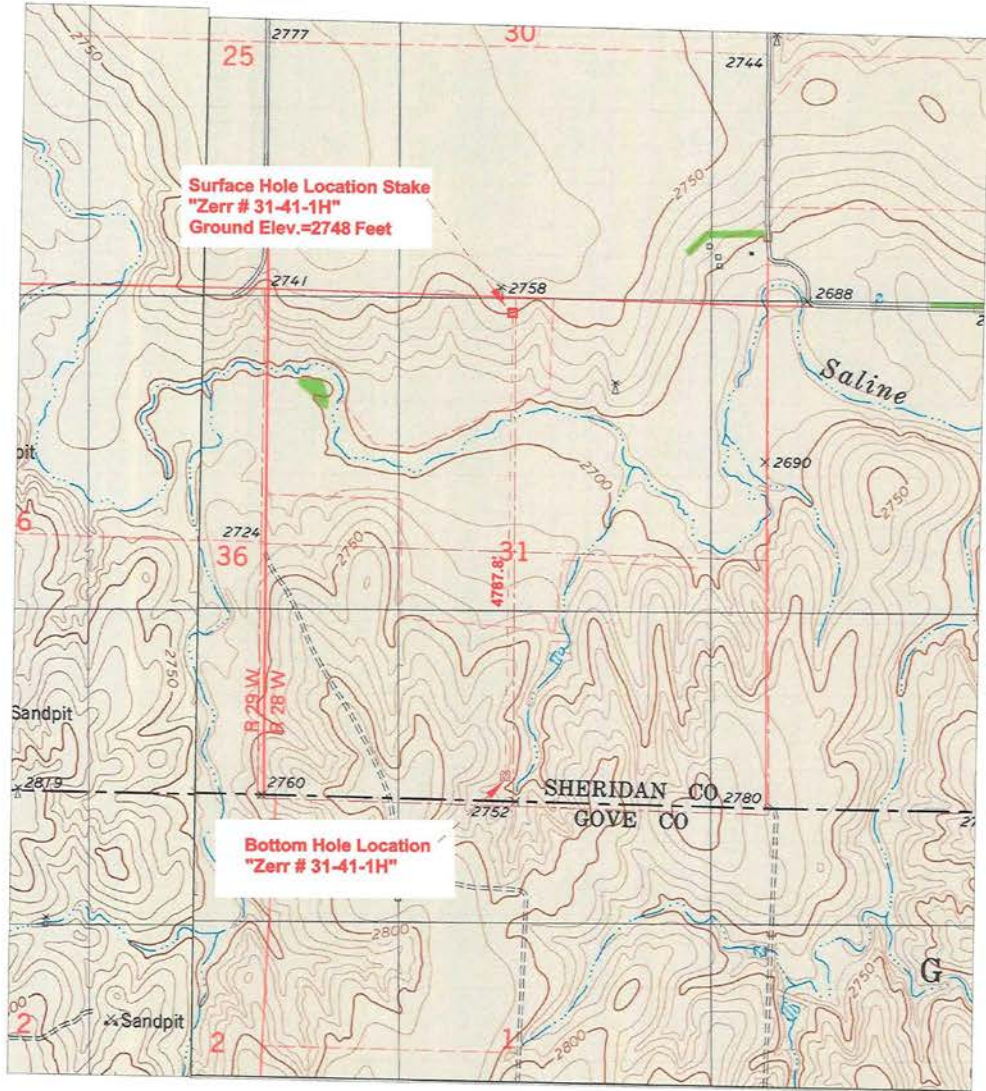
**ELEVATION:**  
 2748' GR. AT STAKE

**BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.  
 CORNER COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD.**

**OPERATOR: Apache Corporation** **WELL NO.: 31-41-1H**  
**LEASE NAME: Zerr**

	<b>JVIDENS LAND SURVEY CO., INC.</b> 1210 19TH STREET / P.O. BOX 943 WOODWARD, OKLAHOMA 73802 Phone 580-256-7174 • Fax 580-256-3424 roger@jvidenslandsurvey.com mike@jvidenslandsurvey.com	Survey For: Apache Corporation 2000 Post Oak Blvd., Ste. 100 Houston, Texas 77056	JOB 339-12	DATE OF PLAT 06-04-2012	SCALE NTS	SHEET 2 OF 4
		DRAWN BY R.D.J.	OKLA. CA #2064, EXP. 06/30/2013 KANSAS CA #143, EXP. 12/31/2012			

**Sheridan County, Kansas.**  
**BHL 330' FSL - 2571' FWL, Section 31, T 10 S, R 28 6th P.M. West**



## ELEVATION MAP

**ELEVATION:**  
**2748' GR. AT STAKE**

48 HOURS BEFORE YOU DIG.  
 CALL KANSAS ONE-CALL  
 1-800-344-7233

**KANSAS ONE-CALL SYSTEM**

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**OPERATOR:** Apache Corporation \_\_\_\_\_ **WELL NO.:** 31-41-1H  
**LEASE NAME:** Zerr \_\_\_\_\_

Grid North  
 NTS



**JIVIDENS LAND SURVEY CO., INC.**  
 1210 19TH STREET / P.O. BOX 943  
 WOODWARD, OKLAHOMA 73802  
 Phone 580-256-7174 - Fax 580-256-3424  
 roger@jividenslandsurvey.com mike@jividenslandsurvey.com

Survey For:  
**Apache Corporation**  
 2000 Post Oak Blvd., Ste. 100  
 Houston, Texas 77056

JOB 339-12	DATE OF PLAT 06-04-2012	SCALE NTS	SHEET 3 OF 4
DRAWN BY R.D.J.		OKLA. CA #2064, EXP. 06/30/2013 KANSAS CA #143, EXP. 12/31/2012	



**Sheridan County, Kansas.**  
**BHL 330' FSL - 2571' FWL, Section 31, T 10 S, R 28 6th P.M. West**



**Surface Hole Location Stake  
 "Zerr # 31-41-1H"  
 Ground Elev.=2748 Feet**

**Bottom Hole Location  
 "Zerr # 31-41-1H"**

**2010 Photo**

48 HOURS BEFORE YOU DIG...  
 CALL KANSAS ONE-CALL  
 1-800-344-7233

**KANSAS ONE-CALL SYSTEM**

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**ELEVATION:  
 2748' GR. AT STAKE**

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**OPERATOR: Apache Corporation**      **WELL NO.:31-41-1H**  
**LEASE NAME: Zerr**

Grid North  
 Scale 1" = 1000'

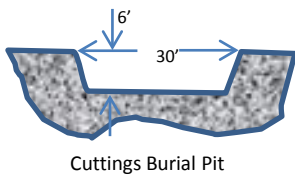
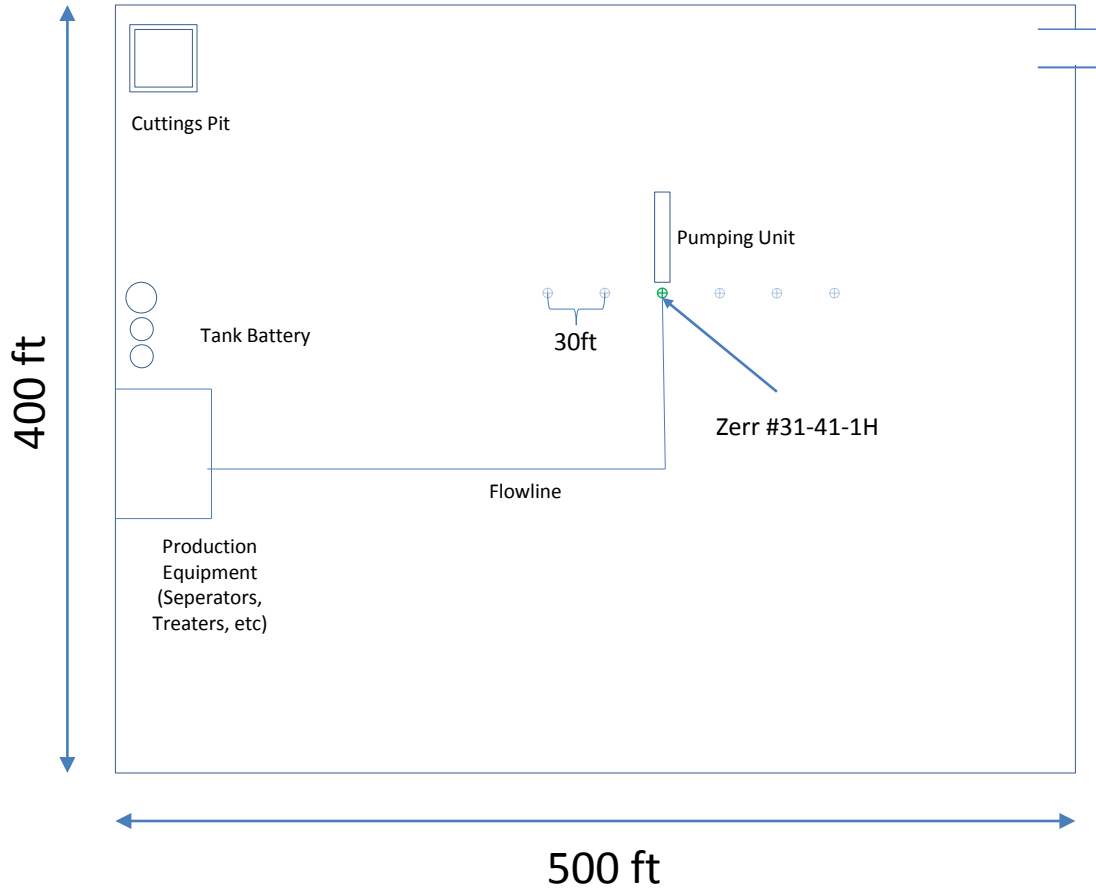


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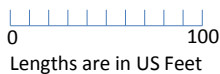
Survey For:  
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 Houston, Texas 77056

JOB 339-12	DATE OF PLAT 06-04-2012	SCALE 1"=1000'	SHEET 4 OF 4
DRAWN BY R.D.J.		OKLA. CA #2064, EXP. 06/30/2013 KANSAS CA #143, EXP. 12/31/2012	

Zerr-31-41-1H  
GRND EL: 2,748'  
N: 306012.29  
E: 1294197.72



Scale



**Proposed Pad Layout**  
Grainfield Kansas

Zerr Pad  
Section 31, T10S,  
R28W

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



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

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

June 08, 2012

Trent Fontenot  
Apache Corporation  
2000 POST OAK BLVD, STE 100  
HOUSTON, TX 77056

Re: Drilling Pit Application  
Zerr 31-41-1H  
NW/4 Sec.31-10S-28W  
Sheridan County, Kansas

Dear Trent Fontenot:

According to the drilling pit application referenced above, this pit is to be used for cuttings only. A closed loop system is to be utilized.

If you have any questions or concerns please feel free to contact the District Office at (785) 625-0550