

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

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: _____

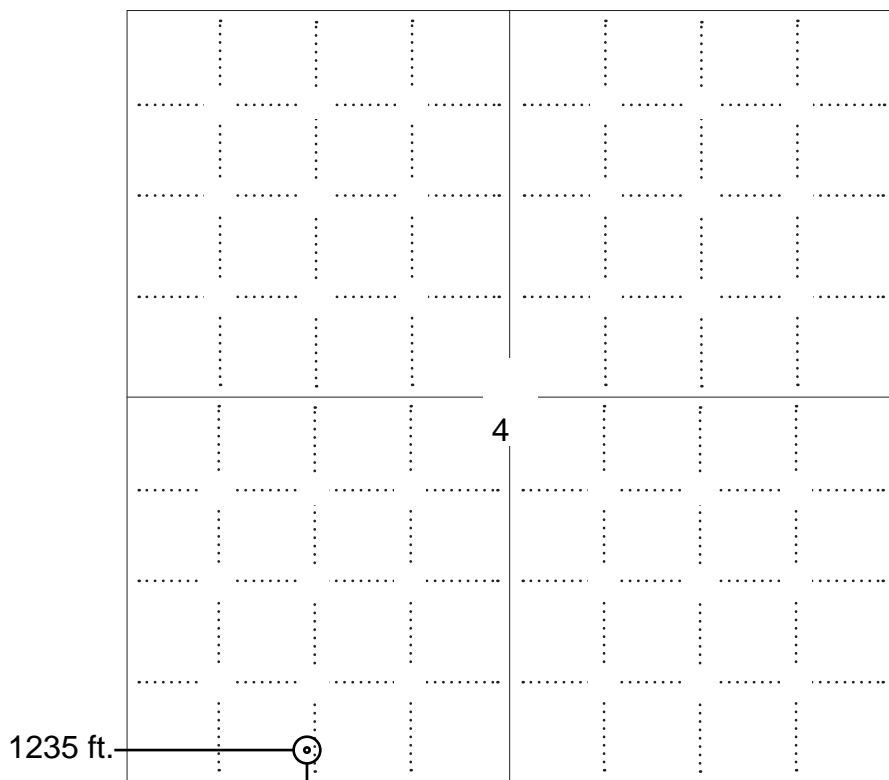
Number of Acres attributable to well: _____

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

Location of Well: County: _____

_____ feet from ☐ N / ☐ S Line of Section_____ feet from ☐ E / ☐ W Line of SectionSec. _____ Twp. _____ S. R. _____ ☐ E ☐ WIs 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.

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

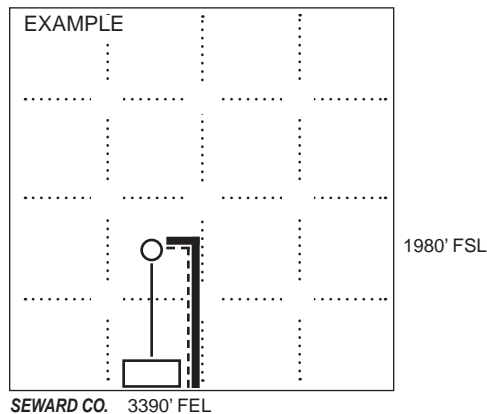
225 ft.

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.

LEGEND

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



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 <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.	
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 # _____

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 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

225'FSL - 1235'FWL Section 4 Township 35S Range 8W P.M.

X= 2087438
Y= 134642

X= 2090085
Y= 134667

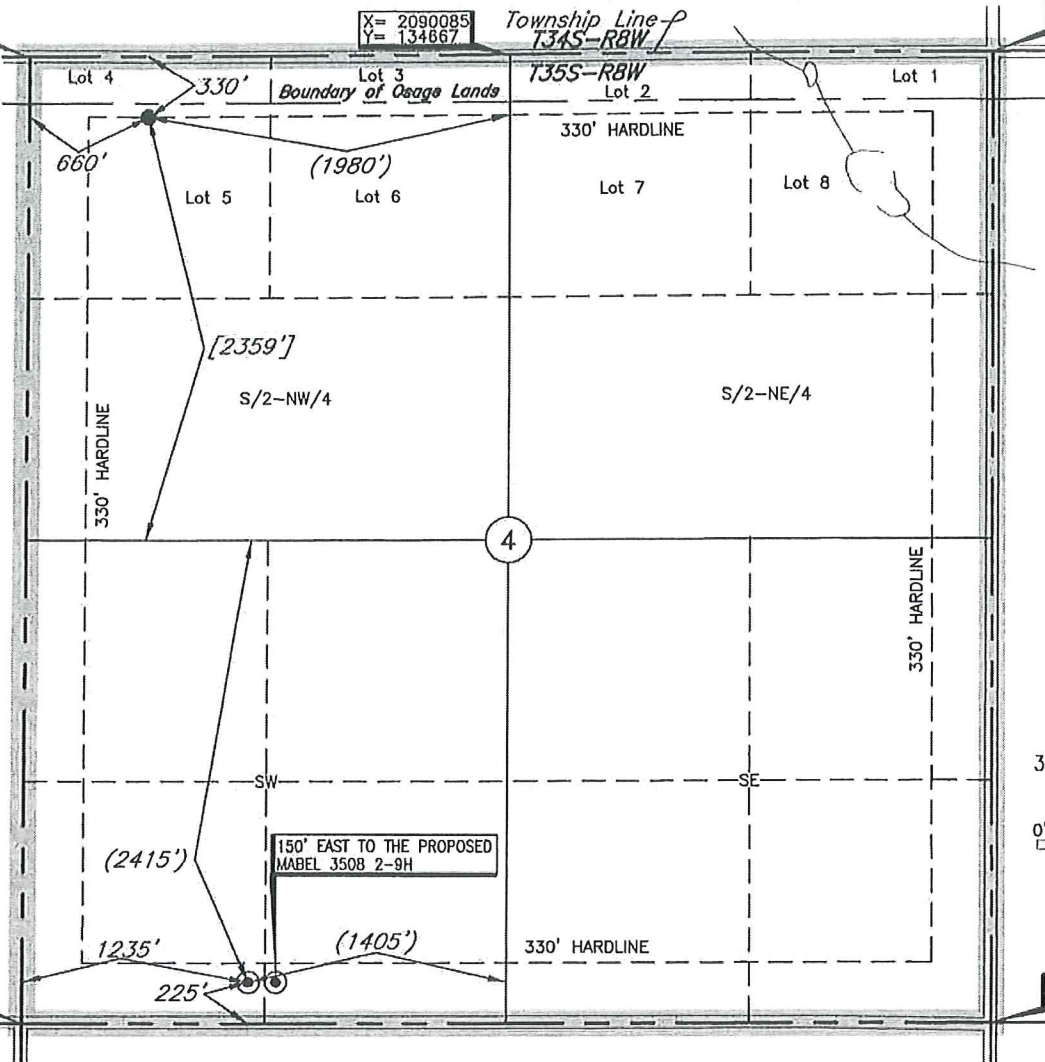
X= 2092733
Y= 134691

BOTTOM HOLE
330'FNL-660'FWL
NAD-27 (US Feet)
37°02'06.6"N
98°11'53.6"W
37.035157718"N
98.198208344"W
X= 2088099
Y= 134318

Bottom Hole Information Provided
by Operator Listed, NOT Surveyed.

X= 2087454
Y= 129351

X= 2092762
Y= 129390



GRID
NAD-27
Kansas South
US Feet

Note:
3.280833 Ft.=1 Meter
Scale:
1"= 1000'
0' 500' 1000'

A boundary survey of the said section(s) shown hereon was not performed per the request of the operator shown hereon.

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: MABEL 3508

Well No.: 1-4H

ELEVATION:

1267' Gr. at level pad

Topography & Vegetation Loc. fell at level pad, ±130' from edge of pad

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 Waldron, KS, go ±1.0 mi. North, then ±1.0 mi. West to
the SW Cor. of Sec. 4-T35S-R8W

DATUM: NAD-27
LAT: 37°01'19.8"N
LONG: 98°11'46.5"W
LAT: 37.022154768° N
LONG: 98.196239899° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: KS SOUTH
X: 2088689
Y: 129586

Date of Drawing: Feb. 21, 2014
Invoice # 216858 Date Staked: Feb. 19, 2014

CERTIFICATE:

I, Lee K. Goss a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify to the information shown herein.

AC



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

Target Line	
TVD @ 0' VS	4,805
INC	90.60

	SHL	BHL
X NAD 27	2,088,754	2,088,099
Y NAD 27	129,586	134,318

Total VS	4,777.12
EOC (MD)	5,227.11
EOC (TVD)	4,796.41
KOP	3,906.83
Azimuth	352.12
Traverse Length	3,957.45
TD (MD)	9,184.56
TVD @ TD	4,754.97
TVD displacement f/ EOC to TD	41.44

Operator

SandRidge Energy

Well Name and Number

Mabel 3508 1-4H

Well Surface Location

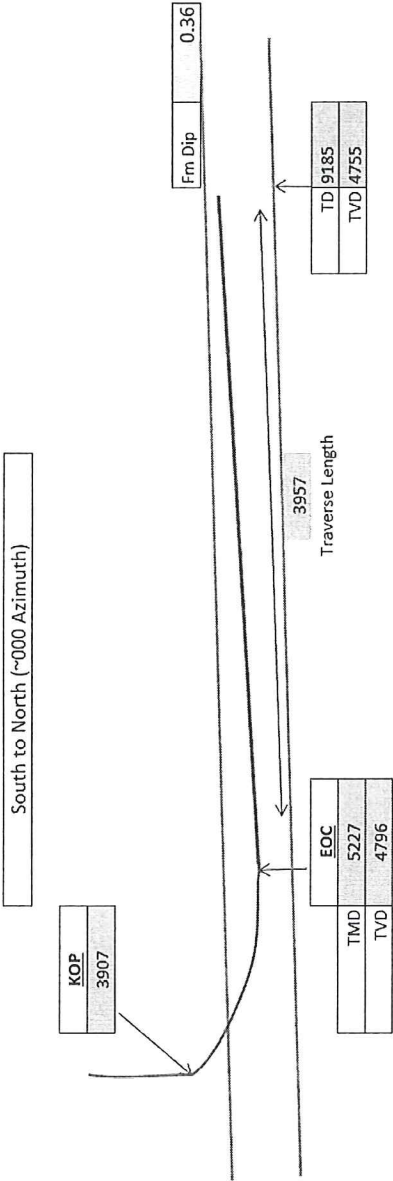
225' FSL & 1300' FWL of 4-35S-8W

Well Bottom Hole Location

330' FNL & 660' FWL of 4-35S-8W

County and State

Harper County, Kansas



Mabel 3508 1-4H
Lease Information Sheet

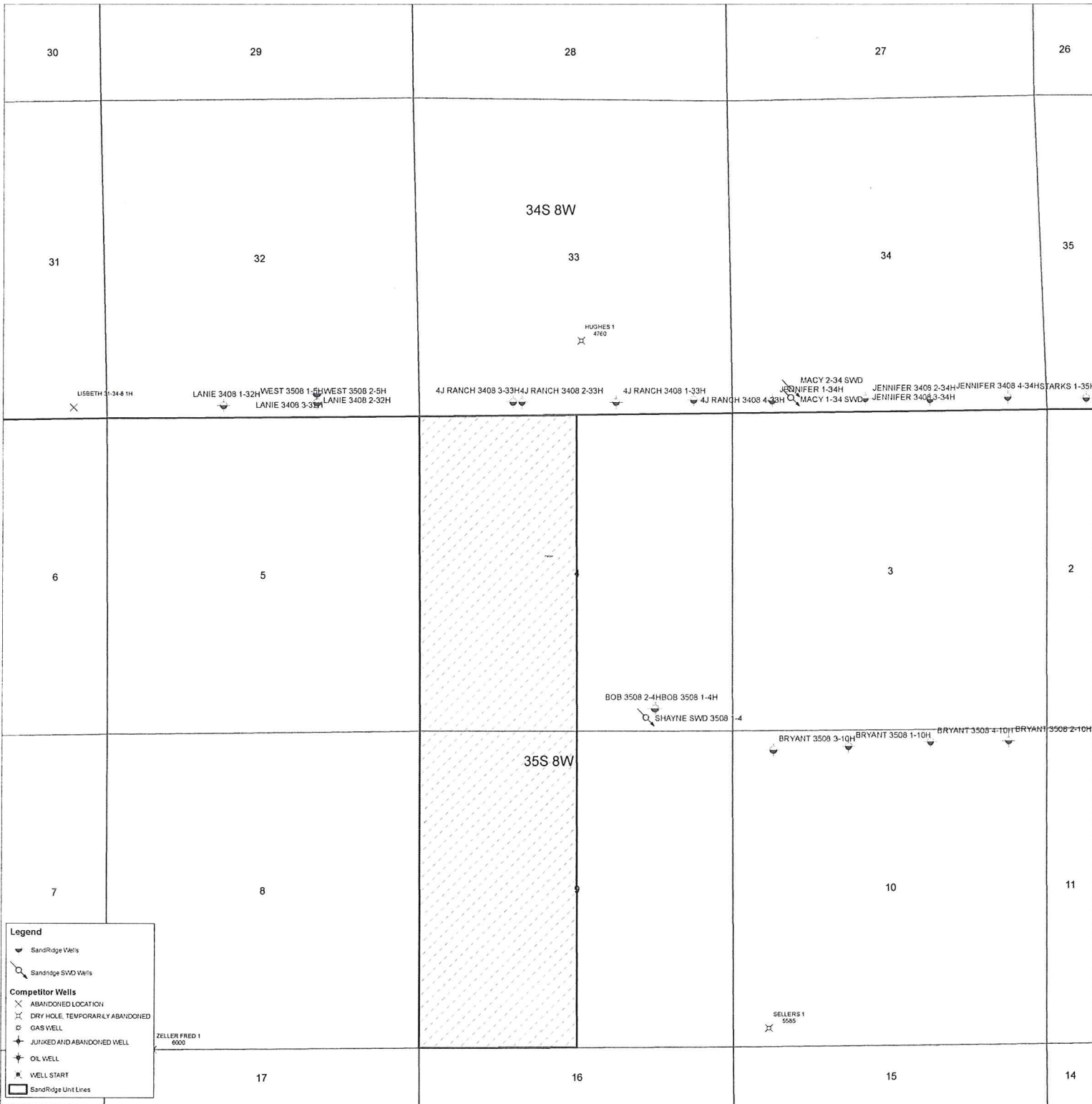
Unit Description:

W2 of Section 4-35S-08W & the
W2 of Section 9-35S-08W
Harper County, KS

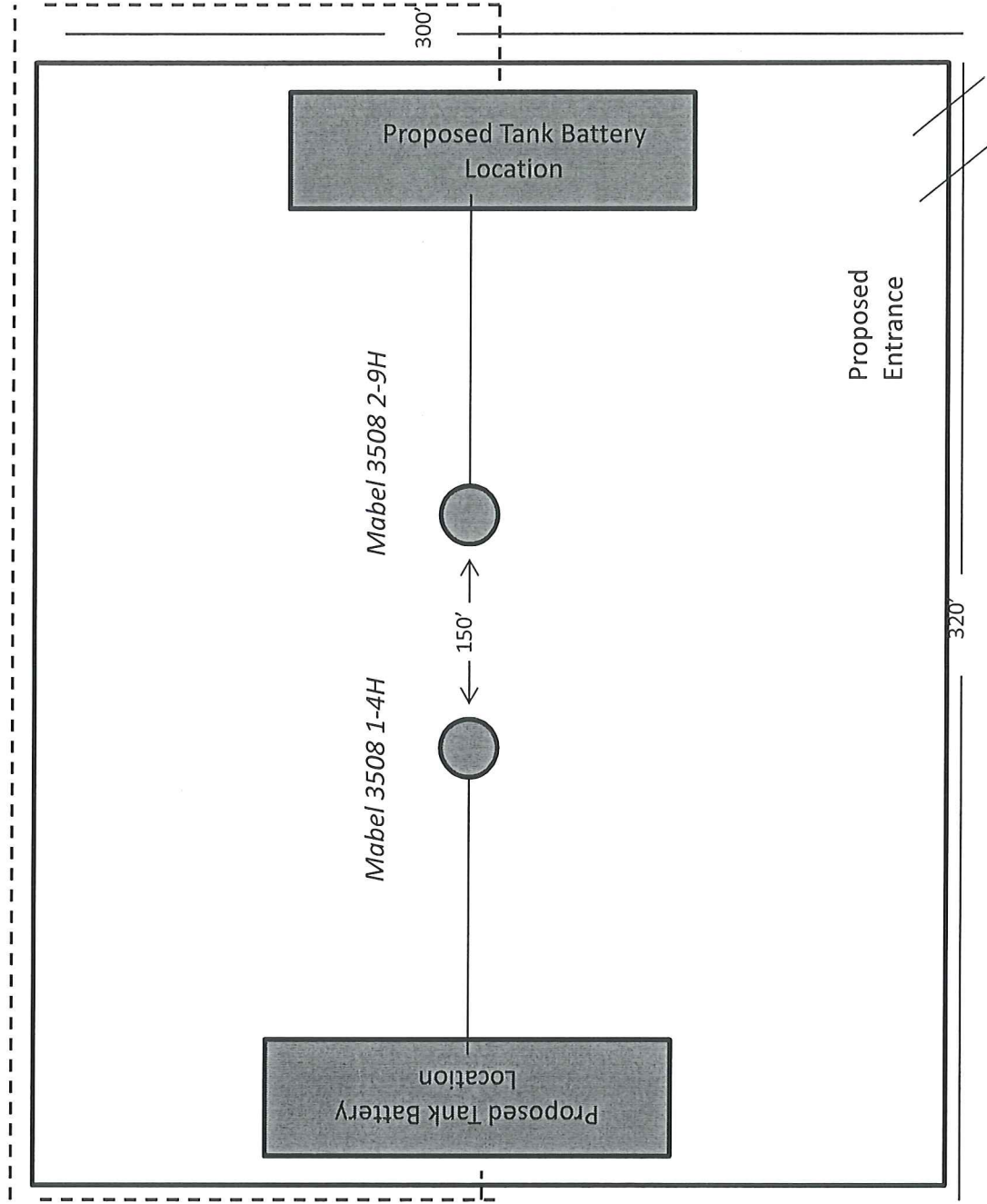
Surface Owner:

Randall D Patterson
PO Box 393
Anthony, KS 67003-0393

UNIT Plat Mabel Wells



Mabel 3508 1-4H & Mabel 3508 1-9H



Proposed Electric Line

February 24, 2014

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

Re: Drilling Pit Application
API 15-077-22021-01-00
Mabel 3508 1-4H
SW/4 Sec.04-35S-08W
Harper County, Kansas

Dear Wanda Ledbetter:

District staff has inspected the above referenced 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 with bentonite or native clay, constructed **without slots**, the bottom shall be flat and reasonably level and the free fluids must be removed. The fluids are to be removed from the reserve pit after drilling operations have ceased.

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 should be taken to an authorized disposal well. Please call the District Office at (316) 630-4000 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 (316) 630-4000.

Summary of Changes

Lease Name and Number: Mabel 3508 1-4H

API/Permit #: 15-077-22021-01-00

Doc ID: 1190499

Correction Number: 1

Approved By: Rick Hestermann 02/24/2014

Field Name	Previous Value	New Value
Bottom Hole Location	330' FNL & 660' FWL of Sec 4-35S-8W	330' FNL & 660 ' FWL of Sec 4-35S-8W
ElevationPDF	1268 Estimated	1267 Estimated
Feet to Nearest Water Well Within One-Mile of Pit	3736	3739
Ground Surface Elevation	1268	1267
KCC Only - Approved By	Rick Hestermann 02/10/2014	Rick Hestermann 02/24/2014
KCC Only - Approved Date	02/10/2014	02/24/2014
KCC Only - Date Received	02/05/2014	02/22/2014
LocationInfoLink	https://solar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=4&to1300	https://solar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=4&to1235
Number of Feet East or West From Section Line		
Number of Feet East or West From Section Line	1300	1235

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Save Link	../../../../kcc/detail/operatorEditDetail.cfm?docID=1187227	../../../../kcc/detail/operatorEditDetail.cfm?docID=1190499

Summary of Attachments

Lease Name and Number: Mabel 3508 1-4H

API: 15-077-22021-01-00

Doc ID: 1190499

Correction Number: 1

Approved By: Rick Hestermann 02/24/2014

Attachment Name

Bentonite Liner Fluids