

Well will not be drilled or Permit Expired Date: _

Signature of Operator or Agent:

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

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1190499

Form C-1

March 2010

Form must be Typed

Form must be Signed

All blanks must be Filled

NOTICE OF INTENT TO DRILL

Expected Spud Date:	Spot Description:
month day year	Sec Twp S. R E \
DPERATOR: License#	(Q/Q/Q/Q) feet from N / S Line of Section
lame:	feet from E / W Line of Section
Address 1:	Is SECTION: Regular Irregular?
ddress 2:	(Note: Locate well on the Section Plat on reverse side)
City: State: Zip: +	County:
Contact Person:	Lease Name: Well #:
hone:	Field Name:
CONTRACTOR: License#	Is this a Prorated / Spaced Field?
lame:	Target Formation(s):
Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary line (in footage):
	Ground Surface Elevation:feet MS
Oil Enh Rec Infield Mud Rotary Gas Storage Pool Ext. Air Rotary	Water well within one-quarter mile:
Gas Storage Pool Ext. Air Rotary Disposal Wildcat Cable	Public water supply well within one mile:
Seismic; # of Holes Other	Depth to bottom of fresh water:
Other:	Depth to bottom of usable water:
	Surface Pipe by Alternate: II III
If OWWO: old well information as follows:	Length of Surface Pipe Planned to be set:
Operator:	Length of Conductor Pipe (if any):
Well Name:	Projected Total Depth:
Original Completion Date: Original Total Depth:	Formation at Total Depth:
	Water Source for Drilling Operations:
Directional, Deviated or Horizontal wellbore? Yes No	Well Farm Pond Other:
Yes, true vertical depth:	DWR Permit #:
Bottom Hole Location:	(Note: Apply for Permit with DWR)
CC DKT #:	Will Cores be taken?
	If Yes, proposed zone:
ΔFF	IDAVIT
AH	
he undersigned hereby affirms that the drilling, completion and eventual plu	ading of this well will comply with K.S.A. 55 et. seg.
	gging of this well will comply with K.S.A. 55 et. seq.
The undersigned hereby affirms that the drilling, completion and eventual plut is agreed that the following minimum requirements will be met:	gging of this well will comply with K.S.A. 55 et. seq.
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Spud date: _

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:							
ease:											Line of Section	
Vell Numbe	er:								feet fro	m E	/ W	Line of Section
ield:						_ Se	c	Twp	S. R		[E	W
lumber of	Acres attributable	to well:					. r					
	umber of Acres attributable to well: ls \$ TR/QTR/QTR/QTR of acreage:			Section:	Regular or	Irre	egular					
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								rregular, locat r used: N				oundary.
						Se	ction corne	r usea: N	E []INV	VSE	Svv	
						PLAT						
	Show loc	ation of the w	ell. Show for	otage to t	he neare.	st lease or	unit bound	lary line. Show	the predic	cted location	ons of	
	lease roads, tan	k batteries, pi	pelines and	electrical	lines. as	reauired b	v the Kansa	as Surface Owi	ner Notice	Act (Hou	se Bill 203	2).
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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.

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

- 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

1190499

Kansas Corporation Commission 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: Emergency Pit Burn Pit	Pit is:	Existing	SecTwp R				
Settling Pit Drilling Pit	If Existing, date co	nstructed:	Feet from North / South Line of Section				
Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit capacity:	(bbls)	Feet from East / West Line of SectionCounty				
Is the pit located in a Sensitive Ground Water A	rea? Yes	No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)				
Is the bottom below ground level?	Artificial Liner?	No	How is the pit lined if a plastic liner is not used?				
Pit dimensions (all but working pits):	Length (fee	et)	Width (feet) N/A: Steel Pits				
Depth fro	om ground level to dee	epest point:	(feet) No Pit				
material, thickness and installation procedure.		inter integrity, ii	ncluding any special monitoring.				
Distance to nearest water well within one-mile of	of pit:	Depth to shallo Source of inform	west fresh water feet. mation:				
feet Depth of water well	feet	measured	well owner electric log KDWR				
Emergency, Settling and Burn Pits ONLY:		Drilling, Work	over and Haul-Off Pits ONLY:				
Producing Formation:		Type of material utilized in drilling/workover:					
Number of producing wells on lease:		Number of working pits to be utilized:					
Barrels of fluid produced daily:		Abandonment p	procedure:				
Does the slope from the tank battery allow all s flow into the pit? Yes No	pilled fluids to	Drill pits must be closed within 365 days of spud date.					
Submitted Electronically							
	KCC	OFFICE USE O	NLY Steel Pit RFAC RFAS				
Date Received: Permit Num	ber:	Permi	t Date: Lease Inspection: Yes No				

CORRECTION #1

1190499

Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

Form KSONA-1 January 2014 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 #	Well Location:				
Name:	SecTwpS. 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				
Contact Person:	the lease below:				
Phone: () Fax: ()					
Email Address:					
Surface Owner Information:					
Name:	When filing a Form T-1 involving multiple surface owners, attach an additional				
Address 1:	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				
Address 2:	county, and in the real estate property tax records of the county treasurer.				
City:					
the KCC with a plat showing the predicted locations of lease roads, tar	odic Protection Borehole Intent), you must supply the surface owners and nk batteries, pipelines, and electrical lines. The locations shown on the plat on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.				
☐ I certify that, pursuant to the Kansas Surface Owner Notice owner(s) of the land upon which the subject well is or will be	Act (House Bill 2032), I have provided the following to the surface located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form being filed is a Form C-1 or Form CB-1, the plat(s) required by this and email address.				
KCC will be required to send this information to the surface o	acknowledge that, because I have not provided this information, the owner(s). To mitigate the additional cost of the KCC performing this is of the surface owner by filling out the top section of this form and KCC, which is enclosed with this form.				
If choosing the second option, submit payment of the \$30.00 handling form and the associated Form C-1, Form CB-1, Form T-1, or Form CF	g fee with this form. If the fee is not received with this form, the KSONA-1 P-1 will be returned.				
Submitted Electronically					
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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 Township 35S 225'FSL - 1235'FWL __8W__P.M. _ Section X= 2092733 Y= 134691 X= 2087438 Y= 134642 Township Line-P X= 2090085 Y= 134667 T355-R8W Boundary of Osage Lands Lot 4 Lot 1 _ Lot 2 BOTTOM HOLE 330'FNL-660'FWL NAD-27 (US Feet) Г 330' HARDLINE 660 (1980') 37'02'06.6"N 98'11'53.6"W Lot 8 Lot 7 Lot 5 Lot 6 37.035157718'N 98.198208344'W X= 2088099 Y= 134318 [2359'] S/2-NE/4 S/2-NW/4 HARDLINE 330, 1958 4 GRID NAD-27 Kansas South US Feet Note: 3.280833 Ft.=1 Meter Scale: 1"= 1000' 500' 1000 150' EAST TO THE PROPOSED (2415') (1405') 330' HARDLINE 1235 X= 2087454 Y= 129351 X= 2092762 Y= 129390 225 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. A boundary survey of the said section(s) shown hereon was <u>not</u> performed per the request of the operator shown hereon. Operator: SANDRIDGE EXPLORATION & PRODUCTION, LLC **ELEVATION:** Lease Name: MABEL 3508 Well No.: 1-4H 1267' Gr. at level pad Topography & Vegetation __Loc. fell at level pad, ±130' from edge of pad Reference Stakes or Alternate Location Stakes Set None Good Drill Site? ___ Best Accessibility to Location_ From South off county road Distance & Direction From Waldron, KS, go ±1.0 mi. North, then ±1.0 mi. West to from Hwy Jct or Town the SW Cor. of Sec. 4-T35S-R8W Date of Drawing: Feb. 21, 2014 Invoice # 216858 Date Staked: Feb. 19, 2014 AC DATUM: NAD-27 LAT: 37'01'19.8"N LONG: 98'11'46.5"W **CERTIFICATE:** LAT: _37.022154768° N Lee K. Goss _a Kansas Licensed Land -1594 LONG: 98.196239899° W Surveyor and an authorized agent of Topographic Land

STATE PLANE COORDINATES: (US Feet) ZONE: KS SOUTH X:___2088689 129586

Surveyors, do hereby certify to the information shown herein.



													Fm Dip 0.36		1	TD 9185
							South to North (~000 Azimuth)									Traverse Length
							South to North		KOP	3907		_	\ <u>\</u>			TMD 5227 TVD 4796
			5	DUL	2,088,099	134,318										
	4,805	90.60	170	JUL	2,088,754	129,586	4,777.12	5,227.11	4,796.41	3,906.83	352.12	3,957.45	9,184.56	4,754.97	41.44	
Target Line	TVD @ 0' VS	INC			X NAD 27	Y NAD 27	Total VS	EOC (MD)	EOC (TVD)	KOP	Azimuth	Traverse Length	TD (MD)	TVD @ TD	TVD displacement f/ EOC to TD	SandRidge Energy Well Name and Number Mabel 3508 1-4H Well Surface Location 225' FSL & 1390 FWL of 4-355-8W Well Bortforn Hole Location 330' FNL & 660' FWL of 4-355-8W County and State Harper County, Kansas

Mabel 3508 1-4H Lease Information Sheet

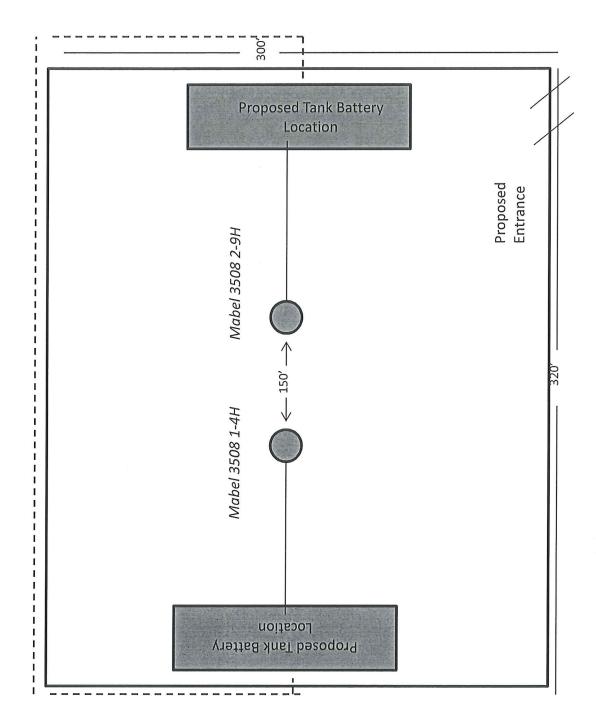
Unit Description:

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

		Will Flat Tradel M		
30	29	28	27	26
31	32	34S 8W 33 ^{нозне s 1} ж	34	35
USBETH 31:34-6 1	1H LANIE 3408 1-32HWEST 3508 1-5HWEST 3508 2-5H LANIE 3408 3-35H LANIE 3408 2-32H	4J RANCH 3408 3-33H4J RANCH 3408 2-33H	MACY 2-34 SWD JENNIFER 3408 2-34HJENNIFER 3408 4-34H ANGH 3408 4-33H	HSTARKS 1-35H
6	5	BOB 3508 2-4HBOB 3508 1-4H Q SHAYNE SWD 3	3	2
T Legend ✓ SandRoge VARIS Q SandRoge SYLO Wells Competitor Wells X ABANDONED LOCATION © DRY HOLE TEVFORARLY ABAN © GAS YELL JURINEDAND ABANDONED WELL		35\$ 8W	BRYANT 3508 3-10H BRYANT 3508 1-10H BRYANT 3505 4-10H BRYANT 3505	11
OL WELL M. WELL START SandRidge Unit Lines	17	16	15	14



Proposed Electric Line

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/

Sam Brownback, Governor

Shari Feist Albrecht, Chair Thomas E. Wright, Commissioner Jay Scott Emler, Commissioner

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 <u>without slots</u>, 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/locationInform ation.cfm?section=4&to	https://solar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=4&to
Number of Feet East or West From Section Line	1300	1235
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/operatorE ditDetail.cfm?docID=11 87227	//kcc/detail/operatorE ditDetail.cfm?docID=11 90499

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