

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

1069984

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 V
OPERATOR: License#	(Q/Q/Q/Q) feet from N / S Line of Section
Name:	feet from E / W Line of Section
Address 1:	Is SECTION: Regular Irregular?
Address 2:	(Note: Locate well on the Section Plat on reverse side)
City: State: Zip: +	County:
Contact Person:	Lease Name: Well #:
Phone:	Field Name:
CONTRACTOR: License#	Is this a Prorated / Spaced Field?
Name:	Target Formation(s):
Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary line (in footage):
Oil Enh Rec Infield Mud Rotary	Ground Surface Elevation:feet MS
Gas Storage Pool Ext. Air Rotary	Water well within one-quarter mile:
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:
If OWWO: old well information as follows:	Surface Pipe by Alternate: I II
LIT CVVVVC. OID WEIT ITHOTTHATION AS TOHOWS.	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:
Directional, Deviated or Horizontal wellbore?	Water Source for Drilling Operations:
f Yes, true vertical depth:	Well Farm Pond Other:
Bottom Hole Location:	DWR Permit #:(Note: Apply for Permit with DWR)
	Will Cores be taken?
CCC DKT #:	Will Cores be taken? If Yes, proposed zone:
CCC DKT #:AFI	Will Cores be taken? Yes Yes Yes If Yes, proposed zone:
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Side Two



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:							_ Lo	cation of W	ell: Cour	nty:				
_ease:										fe	et from	N /	S Line	of Section
Well Number: _										fe	et from	E /	W Line	of Section
Field:							_ Se	c	Twp		S. R		E	W
Number of Acre							15 (Section:	Regu	lar or	Irregula	r		
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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 OIL & GAS CONSERVATION DIVISION

1069984

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 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)		SecTwp R East WestFeet from North / South Line of SectionFeet from East / West Line of Section County		
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		
If the pit is lined give a brief description of the li material, thickness and installation procedure.	om ground level to dee	Describe proce	dures for periodic maintenance and determining any special monitoring.		
Distance to nearest water well within one-mile of	of pit:	Depth to shallo Source of infor	west fresh water feet. mation:		
feet Depth of water well	feet	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 s flow into the pit? Yes No Submitted Electronically		Type of materia Number of work Abandonment p Drill pits must b	over and Haul-Off Pits ONLY: all utilized in drilling/workover: king pits to be utilized: procedure: de closed within 365 days of spud date.		
	KCC	OFFICE USE O	NLY		
Date Received: Permit Num	ber:		Liner Steel Pit RFAC RFAS t Date: Lease Inspection: Yes No		



Kansas Corporation Commission Oil & Gas Conservation Division

1069984

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).

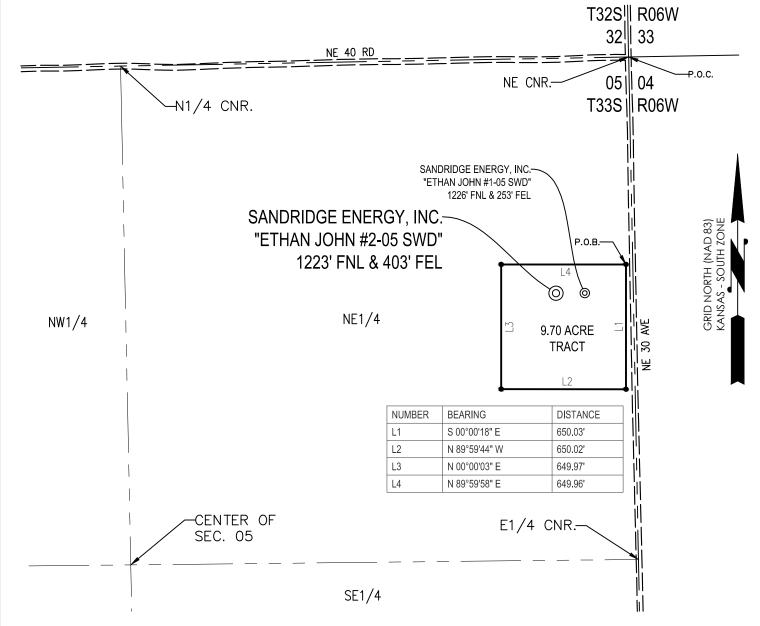
Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: C-1 (Intent) CB-1	(Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)				
OPERATOR: License #	Well Location:				
	County:				
Address 1:	Lease Name: Well #:				
Address 2: City: State: Zip: +					
Contact Person:	If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:				
Phone: () Fax: ()					
Email Address:					
Surface Owner Information:					
Name:	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 1:					
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, tan are preliminary non-binding estimates. The locations may be entered of Select one of the following: I certify that, pursuant to the Kansas Surface Owner Notice A owner(s) of the land upon which the subject well is or will be I CP-1 that I am filing in connection with this form; 2) if the form form; and 3) my operator name, address, phone number, fax, a I have not provided this information to the surface owner(s). I a KCC will be required to send this information to the surface or	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 CB-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. Cacknowledge that, because I have not provided this information, the wner(s). To mitigate the additional cost of the KCC performing this gree, payable to the 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 CP-	fee with this form. If the fee is not received with this form, the KSONA-1 will be returned.				
Submitted Electronically					
	_				



HARPER COUNTY, KANSAS

T 33 S - R 06 W



PLAT SHOWING

9.70 ACRE TRACT OF LAND IN THE NE1/4 OF SECTION 05, T33S-R06W, HARPER COUNTY, KANSAS

METES AND BOUNDS DESCRIPTION (9.70 ACRE TRACT)

PART OF THE NE1/4 OF SECTION 05, TOWNSHIP 33 SOUTH, RANGE 06 WEST, HARPER COUNTY, KANSAS, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NE CORNER OF SAID SECTION 05;

THENCE S 01°06'46" E ALONG THE EAST LINE OF SAID SECTION 05, A DISTANCE OF 1079.63 FEET; THENCE S 88°53'14" W, A DISTANCE OF 34.96 FEET TO THE POINT OF BEGINNING;

THENCE S 00°00'18" E, A DISTANCE OF 650.03 FEET;

THENCE N 89°59'44" W, A DISTANCE OF 650.02 FEET;

THENCE N 00°00'03" E, A DISTANCE OF 649.97 FEET;

THENCE N 89°59'58" E, A DISTANCE OF 649.96 FEET TO THE POINT OF BEGINNING.

SAID TRACT CONTAINING 9.70 ACRES OF LAND AS SURVEYED.

SURVEYOR'S CERTIFICATE:

I, C. ED GRAY, KANSAS LICENSED PROFESSIONAL LAND SURVEYOR, NO. 1404, DO HEREBY CERTIFY THAT THIS PLAT REPRESENTS THE RESULTS OF A SURVEY MADE ON THE GROUND UNDER MY SUPERVISION.

GENERAL NOTES

THE TIES AND FOOTAGES SHOWN ON THIS PLAT ARE FROM LINES OF OCCUPATION FROM A SURVEY MADE ON THE GROUND AND / OR BEARING AND DISTANCES FROM THE GENERAL LAND OFFICE PLAT OF THE AREA SHOWN AND MAY NOT BE THE ACTUAL PROPERTY CORNERS. THIS PLAT DOES NOT REPRESENT A TRUE BOUNDARY SURVEY.



12/5/2011

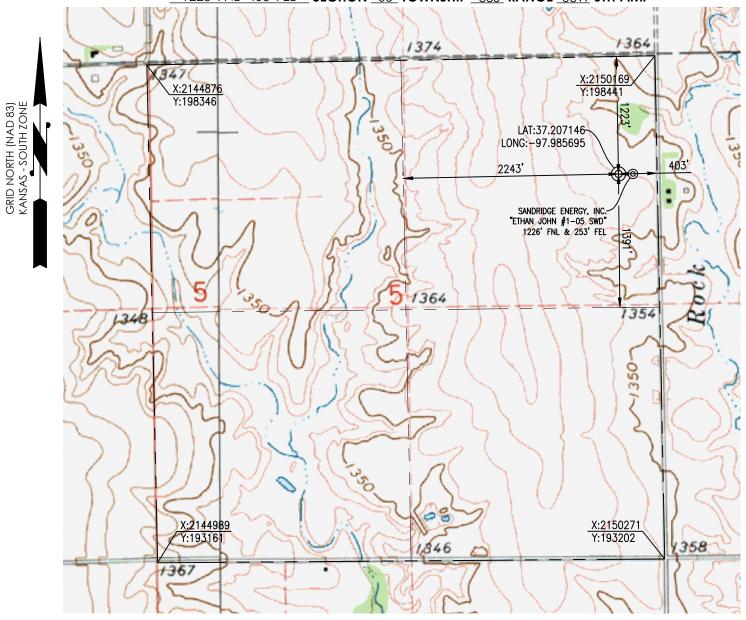


REVISION	SandRidge					
	PA	RT OF THE NE1/4 OF. PROPOSI	HN #2-05 SWD" SECTION 05, T-3 ED DRILL SITE DUNTY, KANSAS	3-S, R-06-W		
	SCALE: 1" = 500' PLOT DATE: 12-05-2011	DRAWN BY:	S.ANDER	SHEET NO.: 1	OF 1	

170 Commerce Road, Building 201 Conway, Arkansas 72032 501.328.3316† 501.328.3325 f www.craftontull.com Crafton Tull

COUNTY, KANSAS HARPER

1223' FNL- 403' FEL SECTION 05 TOWNSHIP 33S RANGE 06W 6TH P.M.



OPERATOR: SANDRIDGE ENERGY, INC.

WELL NO: #2-05 SWD

ELEVATION:

1363' GR. AT STAKE

TOPOGRAPHIC & VEGETATION: LOCATION FELL IN A FIELD

REFERENCE STAKES OR ALTERNATE LOCATION

STAKES SET: NONE GOOD DRILL SITE: YES

BEST ACCESSIBILITY TO LOCATION: EAST LINE

DISTANCE & DIRECTION

LEASE NAME: _ETHAN JOHN

FROM HWY JCT OR TOWN: FROM THE JCT. OF KS-44 & KS-2 (ANTHONY, KS), TRAVEL NORTH ON KS-2 FOR ±4.0 MILES, TURN RIGHT (EAST) ON NE 40 RD & TRAVEL ±3.0 MILES TO THE NE CORNER OF SECTION 05, T33S-R06W

GPS

(THE FOLLOWING INFORMATION WAS **GATHERED USING A GPS** RECEIVER ACCURACY ±2-3

DATUM: NAD-27 **LAT:** <u>37.207146</u> **LONG**: <u>-97.985695</u> STATE PLANE COORDINATES: **ZONE:** KS-SOUTH **X**: 2149790.024 **Y**: 197211.127

DATE STAKED: 12-02-11 SURVEYOR'S CERTIFICATE:

I, C. ED GRAY, KANSAS LICENSED PROFESSIONAL LAND SURVEYOR, NO. 1404, DO HEREBY CERTIFY THAT THIS PLAT REPRESENTS THE RESULTS OF A SURVEY MADE ON THE GROUND UNDER MY SUPERVISION.

GENERAL NOTES:

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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.



12/5/2011

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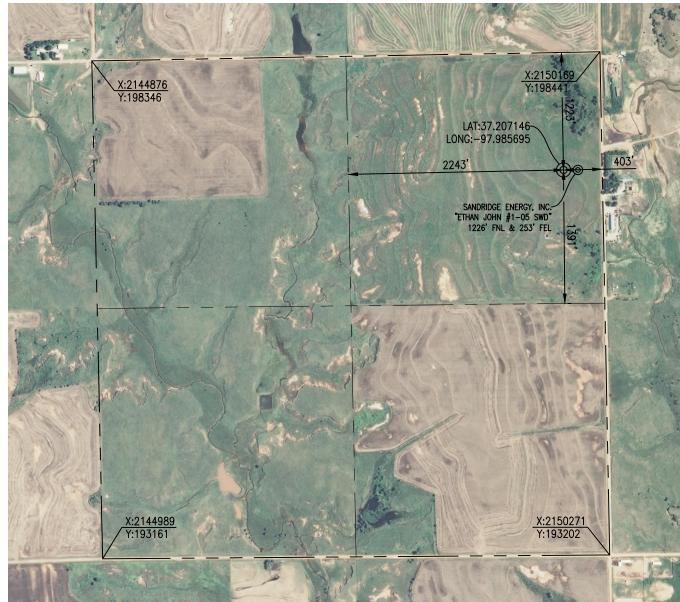
REVISION	SandRidge						
	PAI	"ETHAN JOH RT OF THE NE1/4 OF	HN #2-05 SWD" SECTION 05, T-3	3-S, R-06-W			
		PROPOSED DRILL SITE HARPER COUNTY, KANSAS					
	SCALE: 1" = 1000' PLOT DATE: 12-05-2011	DRAWN BY:	s.ander	SHEET NO.:	1 OF	3	



GRID NORTH (NAD 83) KANSAS - SOUTH ZONE

HARPER COUNTY, KANSAS

1223' FNL- 403' FEL SECTION 05 TOWNSHIP 33S RANGE 06W 6TH P.M.



OPERATOR: SANDRIDGE ENERGY, INC.

WELL NO: #2-05 SWD

ELEVATION:

1363' GR. AT STAKE

LEASE NAME: _ETHAN JOHN

TOPOGRAPHIC & VEGETATION: LOCATION FELL IN A FIELD

REFERENCE STAKES OR ALTERNATE LOCATION

STAKES SET: NONE GOOD DRILL SITE: YES

BEST ACCESSIBILITY TO LOCATION: EAST LINE

DISTANCE & DIRECTION

FROM HWY JCT OR TOWN: FROM THE JCT. OF KS-44 & KS-2 (ANTHONY, KS), TRAVEL NORTH ON KS-2 FOR ±4.0 MILES, TURN RIGHT (EAST) ON NE 40 RD & TRAVEL ±3.0 MILES TO THE NE

CORNER OF SECTION 05, T33S-R06W

(THE FOLLOWING **INFORMATION WAS GATHERED USING A GPS** RECEIVER ACCURACY ±2-3 METERS)

DATUM: NAD-27 **LAT:** <u>37.207146</u> **LONG**: <u>-97.985695</u> STATE PLANE COORDINATES: **ZONE:** KS-SOUTH **X**: 2149790.024 **Y**: 197211.127

SURVEYOR'S CERTIFICATE:

DATE STAKED: 12-02-11

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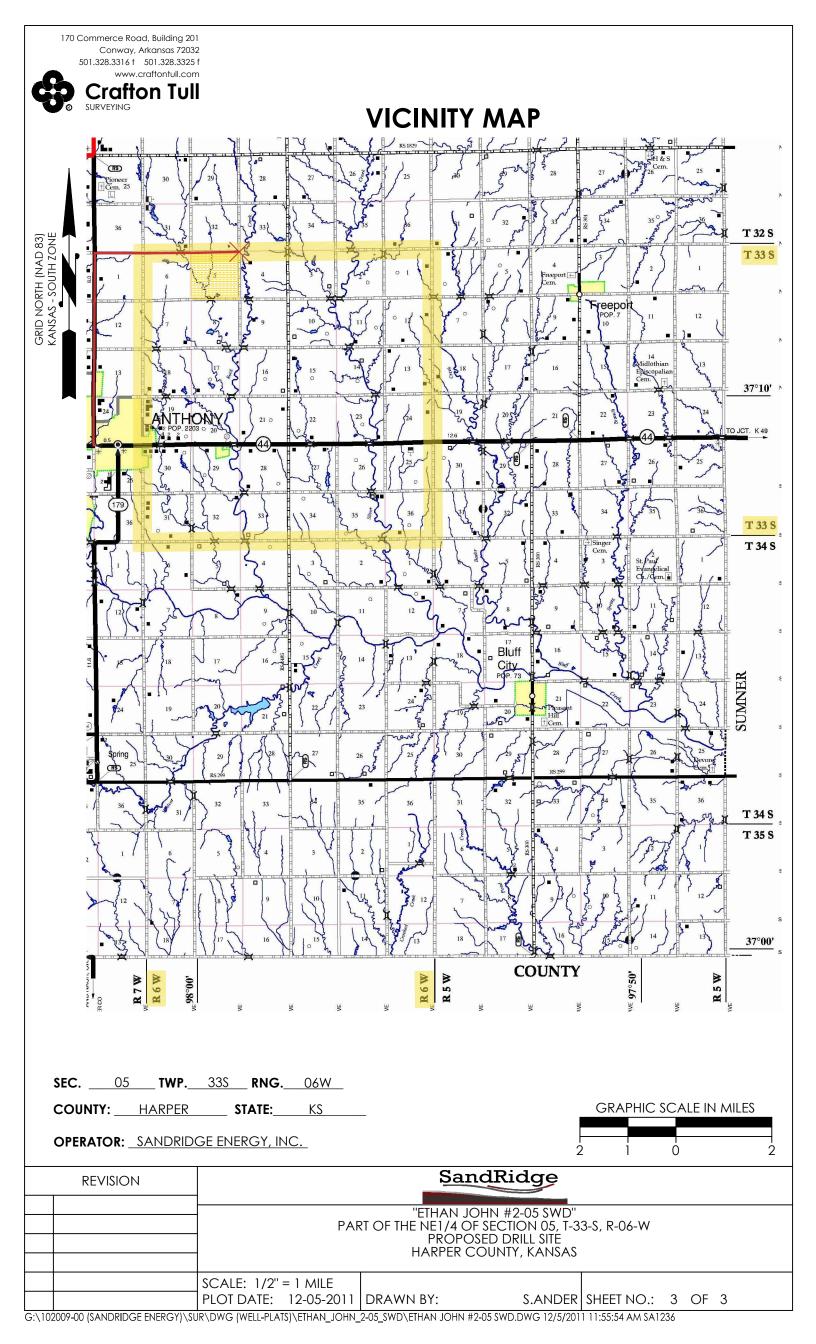
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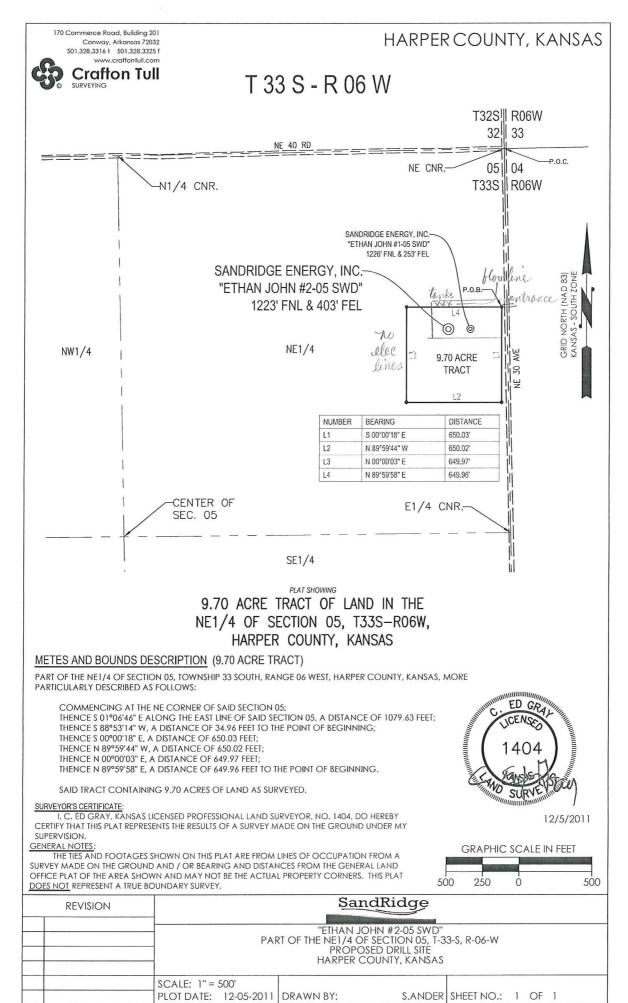


12/5/2011

	G	RA	PHIC	SC	CALE IN FEET		
10	00	50	00	()	10	00

REVISION	SandRidge					
	"ETHAN JOHN #2-05 SWD" PART OF THE NE1/4 OF SECTION 05, T-33-S, R-06-W PROPOSED DRILL SITE HARPER COUNTY, KANSAS					
	TITAL EN GOOTHIT, TO WOO TO					
	SCALE: 1" = 1000' PLOT DATE: 12-05-2011 DRAWN BY: S.ANDER SHEET NO.: 2 OF 3					





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

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

NOTICE TO OPERATORS FILING INTENT TO DRILL FOR DISPOSAL OR ENHANCED RECOVERY INJECTION WELLS, (CLASS II INJECTION WELL)

The attached approved Notice of Intent to Drill indicates the proposed well is to be used for injection. An approved "Intent to Drill" does not approve injection authority as a Class II Injection Well in Kansas.

Before any well is used for injection purposes, the operator must file an application for injection authority in accordance with K.A.R. 82-3-401 and provide notice in accordance with K.A.R. 82-3-402. The Conservation Division must issue a written permit granting the application before commencement of injection.

The Conservation Division requirements and restrictions associated with Class II Injection are identified in K.A.R. 82-3-400 et seq of our regulations. Associated regulations governing drilling, completion and injection applications may be found in K.A.R. 82-3-135, Table I, Table II, in the Cedar Hills Sandstone Moratorium, (Docket #156,397-C), and the Eastern Kansas Surface Casing Order, (Docket #133,891-C).

If you have questions regarding the approval of injection authority, an injection application may be filed as a "Design Approval" before actual drilling and completion of the well occurs. If you have any questions or concerns regarding Class II injection wells or regulations, call the Underground Injection Control Department at 316-337-6200.

Failure to obtain commission approval before beginning injection is punishable by a penalty, shut-in of the well or both.

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

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

January 18, 2012

John-Mark Beaver SandRidge Exploration and Production LLC 123 ROBERT S. KERR AVE OKLAHOMA CITY, OK 73102-6406

Re: Drilling Pit Application Ethan John 2-5 SWD NE/4 Sec.05-33S-06W Harper County, Kansas

Dear John-Mark Beaver:

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 as soon as the Hutchinson Salt section has been drilled through and displacement of the fluids into the reserve pit has occurred. The fluids should be removed again within 1 week 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.