

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

KANSAS CORPORATION COMMISSION 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

	re (5) days prior to commencing well s Surface Owner Notification Act, MUST be submitted with this form.		
Expected Stud Date:	Spot Description:		
Expected Spud Date:	·		
OPERATOR: License#	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):		
Mall Deillad Fare Mall Class. Time Facilinas anti-	Nearest Lease or unit boundary line (in footage):		
Well Drilled For: Well Class: Type Equipment:	Ground Surface Elevation:feet MSL		
Oil Enh Rec Infield Mud Rotary	Water well within one-quarter mile:		
Gas Storage Pool Ext. Air Rotary	Public water supply well within one mile:		
Disposal Wildcat Cable			
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: III		
II OVVVO. Old Well IIIIOTTIation 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:		
If Yes, true vertical depth:	DWR Permit #:		
Bottom Hole Location:	(Note : Apply for Permit with DWR)		
KCC DKT #:	Will Cores be taken?		
	If Yes, proposed zone:		
	FIDAVIT		
The undersigned hereby affirms that the drilling, completion and eventual pl	lugging 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 <i>prior</i> to spudding of well;			
2. A copy of the approved notice of intent to drill shall be posted on each	ch drilling rig;		
3. The minimum amount of surface pipe as specified below shall be se			
through all unconsolidated materials plus a minimum of 20 feet into the			
, , ,	strict office on plug length and placement is necessary prior to plugging;		
5. The appropriate district office will be notified before well is either plug			
	ed from below any usable water to surface within 120 DAYS of spud date. 133,891-C, which applies to the KCC District 3 area, alternate II cementing		
•	re plugged. <i>In all cases, NOTIFY district office</i> prior to any cementing.		
must be completed within so days of the spud date of the well shall b	o plugged. In an eases, North T district office prior to any contenting.		
Submitted Electronically			
Submitted Electronically			
For MCC Line ONLY	Remember to:		
For KCC Use ONLY	- File Certification of Compliance with the Kansas Surface Owner Notification		
API # 15	Act (KSONA-1) with Intent to Drill;		
Conductor pipe requiredfeet	- File Drill Pit Application (form CDP-1) with Intent to Drill;		
Minimum surface pipe requiredfeet per ALTIII	- File Completion Form ACO-1 within 120 days of spud date;		
	- File acreage attribution plat according to field proration orders;		
Approved by:	Notify appropriate district office 48 hours prior to workover or re-entry; Submit all prior separat (CR 4) after all prior to workover or re-entry;		
This authorization expires:	- Submit plugging report (CP-4) after plugging is completed (within 60 days);		
(This authorization void if drilling not started within 12 months of approval date.)	- Obtain written approval before disposing or injecting salt water.		
	- If well will not be drilled or permit has expired (See: authorized expiration date)		

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

_ Agent: .

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:		

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.

beraior			Location of Well: Cou	ınty:
ase:				feet from N / S Line of Section
ell Number	:			feet from E / W Line of Section
eld:	d:		Sec Twp.	S. R L E W
ımber of Ad	cres attributable to w	vell:	la Ocaria a Dana	udan an Discounter
			Is Section: Reg	ular or Irregular
			If Section is Irregula	ır, locate well from nearest corner boundary.
			Section corner used:	
			PLAT	
	Show location	of the well. Show footage to the ne		. Show the predicted locations of
le				ace Owner Notice Act (House Bill 2032).
			ch a separate plat if desired.	,
_				
				LEGEND
.				Well Location
	: :			Tank Battery Location Pipeline Location
				Electric Line Location
				Lease Road Location
	: :	· · · · · · · · · · · · · · · · · · ·		Lease Road Location
	: : :	: : : : : : : : : : : : : : : : : : : :	: :	
				EVANADUE :
	<u> </u>	<u></u>	<u>:</u> :	EXAMPLE : :
			<u> </u>	
		25		EXAMPLE
		25		

250 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.



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

057635

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?			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 from ground level to deepest point: (feet) 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.				
		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		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.		
	KCC OFFICE USE ONLY			
Date Received: Permit Num	ber:		Liner Steel Pit RFAC RFAS t Date: Lease Inspection: Yes No	



Kansas Corporation Commission Oil & Gas Conservation Division

1057635

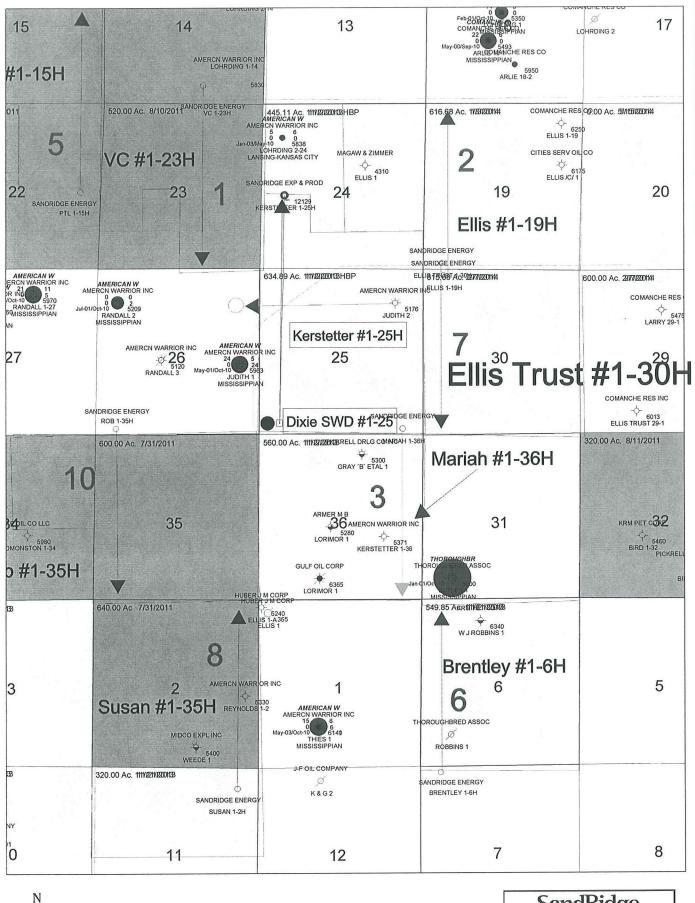
Form KSONA-1
July 2010
Form Must Be Typed
Form must be Signed
All blanks must be Filled

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 (CB-1)	Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)
OPERATOR: License #	Well Location:
Name:	SecTwpS. R East
Address 1:	County:
Address 2:	Lease Name: Well #:
City:	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, tank	dic Protection Borehole Intent), you must supply the surface owners and k batteries, pipelines, and electrical lines. The locations shown on the plat in 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 A owner(s) of the land upon which the subject well is or will be to CP-1 that I am filing in connection with this form; 2) if the form to form; and 3) my operator name, address, phone number, fax, at ☐ I have not provided this information to the surface owner(s). I at KCC will be required to send this information to the surface owner(s).	cknowledge that, because I have not provided this information, the vner(s). To mitigate the additional cost of the KCC performing this
task, I acknowledge that I am being charged a \$30.00 handling 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
Submitted Electronically	



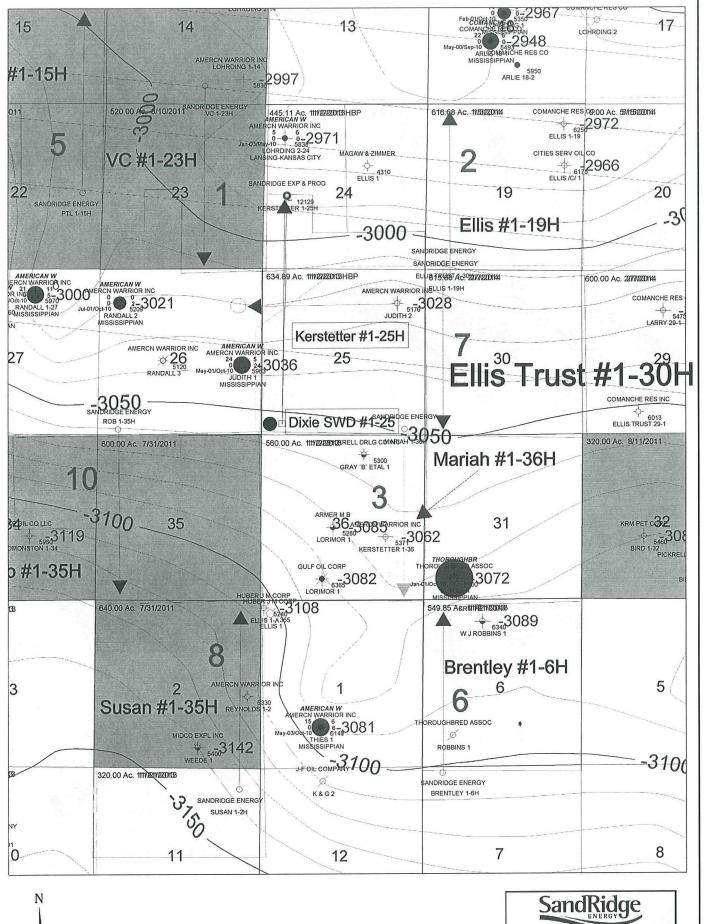




Six Moons Field Area Comanche County, KS Location Map CI = 10'

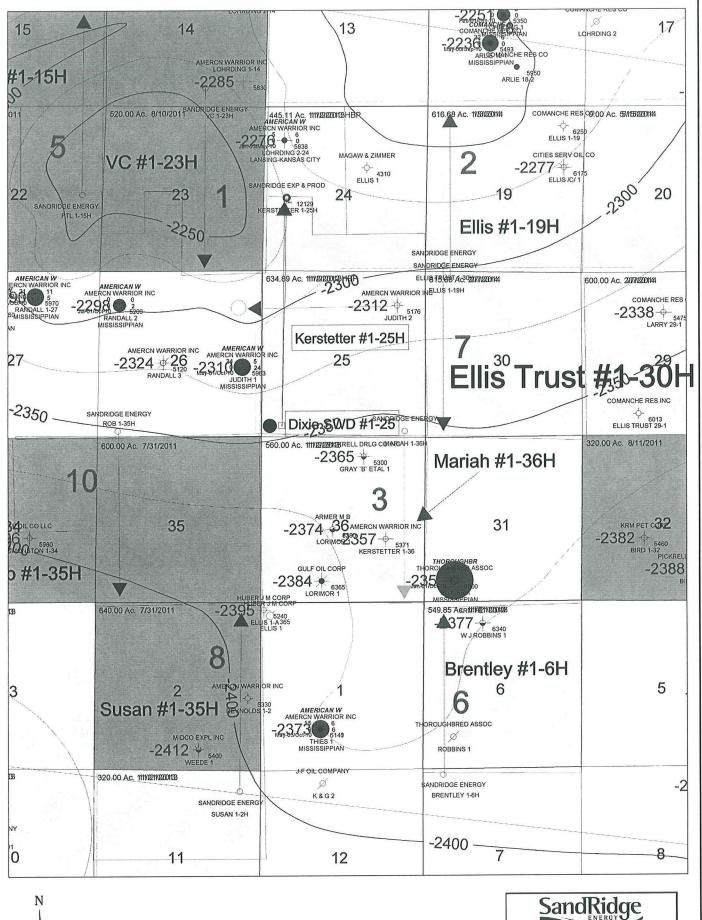
Mariah#1-36H Loc Map KG 4-19-11.gmp
Date: 10 June, 2011 | Geol: K. Gentry

MARIAH 1-36H



Six Moons Field Area
Comanche County, KS
Structure Map
Top Miss Unconformity
Cl = 10*

Mariahst 38H SIMap Miss Unconf KG 4-19-11 gmp
Date: 10 June, 2011 | Geol: K. Gentro



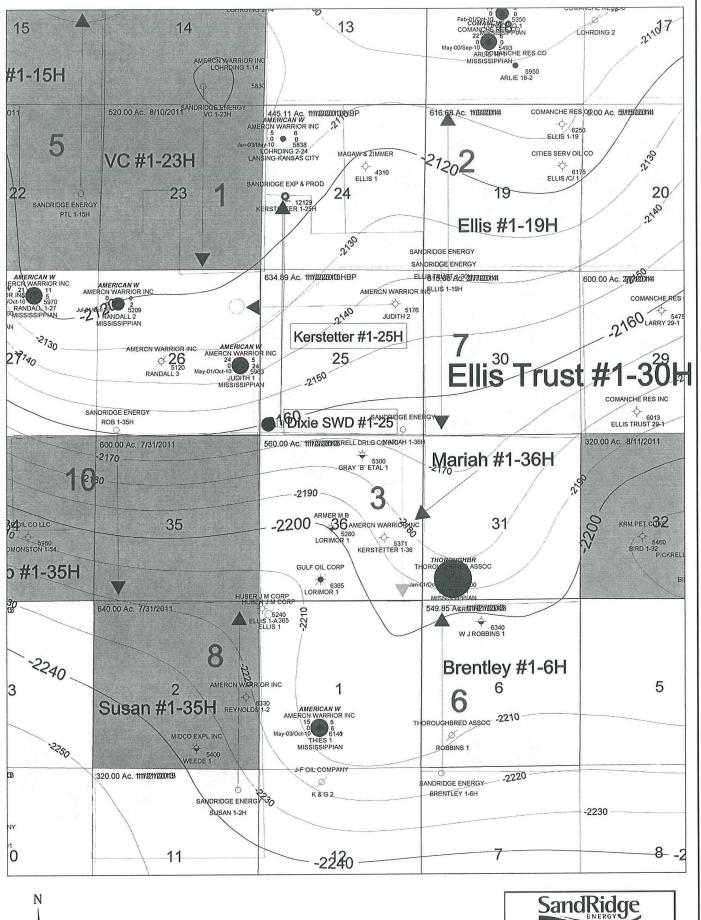




Six Moons Field Area Comanche County, KS
Structure Map
Top Lansing Limestone Group
cl = 10'

Mariah#1-36H St Map Lansing KG 4-19-11.gmp

Date: 10 June, 2011 Geol: K. Gentry

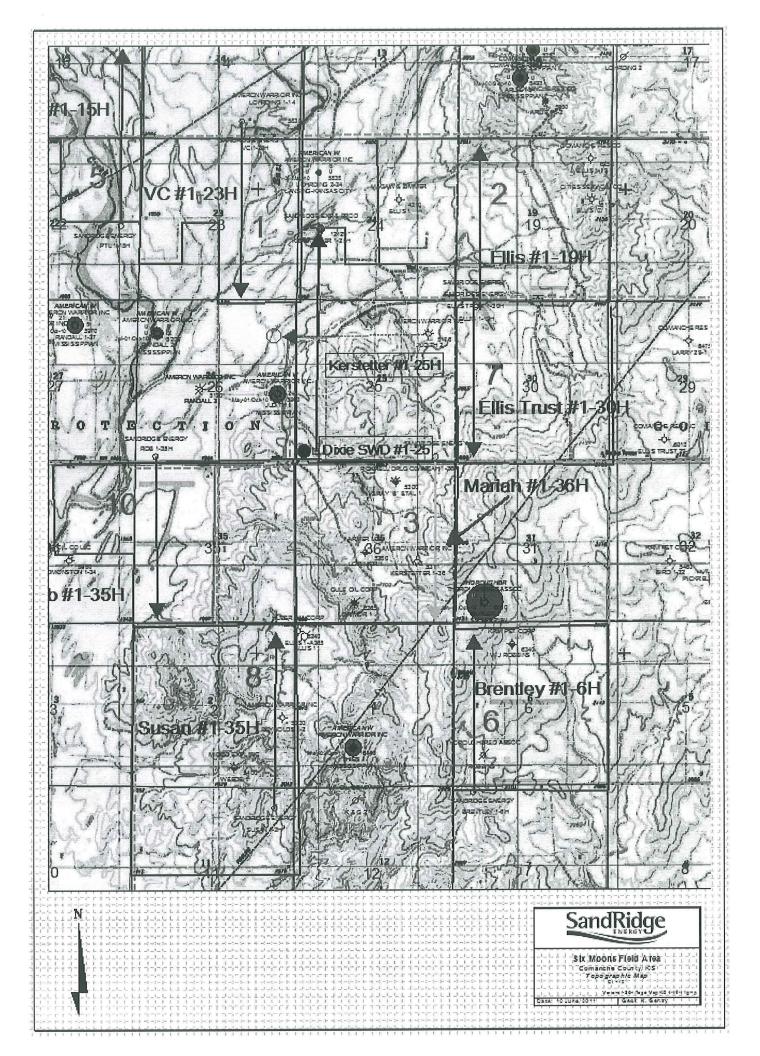






Six Moons Field Area Comanche County, KS Structure Map
Base Heebner Shales

Mariah#1-36H St Map B Heebner KG 4-19-11.gmp
Date: 10 June, 2011 Geol: K. Gentry

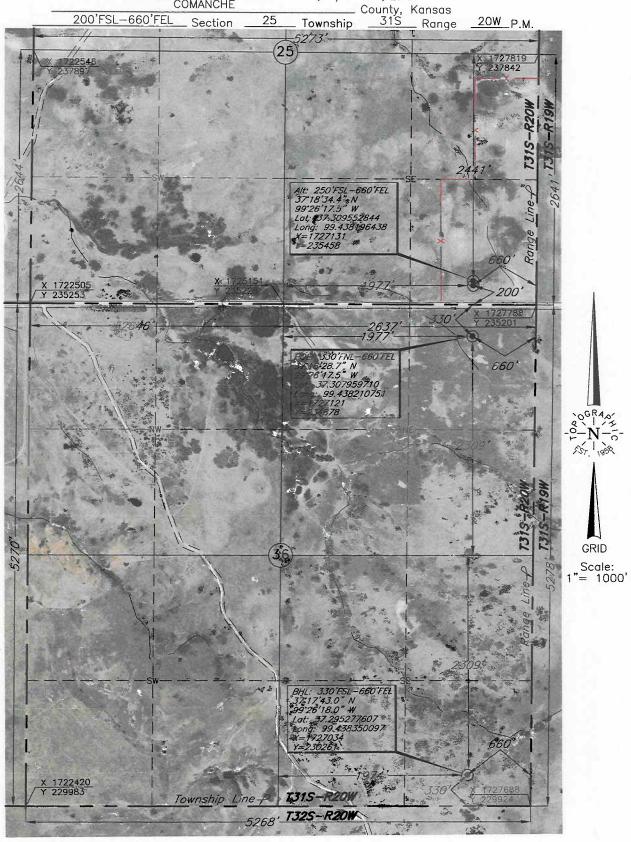




TOPOGRAPHIC LAND SURVEYORS
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. LS-99, Exp. Dec 31, 2011

COMANCHE



This location has been very carefully staked on the ground according to the best official survey records, maps, and photographs available to us, but its accuracy is not guaranteed.

Review this plat and notify us immediately of any possible discrepancy.

SANDRIDGE ENERGY, INC. Operator: Lease Name: MARIAH

Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, and have not been measured.

Well No.:1-36H

ELEVATION: 2069' Gr. at Stake

Topography & Vegetation Loc. fell in sloped alfalfa field, 117' North of E—W pipeline

Alt: fell in sloped alfalfa field

Reference Stakes or Alternate Location
Stakes Set 250'FNL-660'FEL Elev: 2069' at Gr.

Good Drill Site? No Alt: Yes

Stakes Set

Best Accessibility to Location From South

Distance & Direction From the Jct. of US. Hwy. 183 & US. Hwy. 160 East, North of Coldwater, Ks., go 2 miles from Hwy Jct or Town_

North on US. Hwy. 183, then 6 miles West to the SE Cor. of Sec. 25-T31S-R20W

The following information was gathered using a GPS receiver Accuracy ±2-3 Meters.

BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED. CORNER COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD.

GPS DATUM: NAD-27 LAT: 37'18'33.9"N LONG: 99°26'17.5"W LAT: 37.309415501 LONG: 99.438198146

STATE PLANE COORDINATES: ZONE: KS SOUTH X:<u>1727130</u>

Y: 235408

Kansas Reg. No.

1213

Date of Drawing: Jun. 23, 2011 Invoice # 169225 Date Staked: Jun. 17, 2011

CERTIFICATE:

I, T. Wayne Fisch a Registered Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.



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, 2011

COMANCHE

County Kansas County, Kansas
31S Range 200'FSL-660'FEL 25 _20W_P.M. Section Township _ Range 5273'-X 1727819 Y 237842 Line-P 1315-R20W .731S-R19W Alt: 250'FSL-660'FEL 37'18'34.4" N 99'26'17.5" W Lat: 37.309552844 Long: 99.438196438 X=1727131 Y=235458 BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED. CORNER COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD X 1725151 Y 235228 1722505 235253 200 X 1727788 Y 235201 330 -2646 -2637 -1977 -POE: 330'FNL-660'FEL 37'18'28.7" N 99'26'17.5" W Lat: 37.307959710 Long: 99.438210751 X=1727121 TAKEN
THE FIELD. 660' Y=234878 2309 T315-R20W GRID 36 Scale: = 1000' 2309' BHL: 330'FSL-660'FE 37:17'43.0" N 99'26'18.0" W Lat: 37.295277607 Long: 99.438350097 X=1727034 Y-23051 660' 1974 1722420 229983 T315-R20W Township Line-P 5268 T325-R20W This location has been very carefully staked on the ground according to the best official survey records, maps, and photographs available to us, but its accuracy is not guaranteed. Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, and have not been measured. Review this plat and notify us immediately of any possible discrepancy. **ELEVATION:** SANDRIDGE ENERGY, INC. Operator:_ 2069' Gr. at Stake Well No.:1-36H MARIAH Lease Name: Topography & Vegetation Loc. fell in sloped alfalfa field, 117' North of E-W pipeline Alt: fell in sloped alfalfa field

Reference Stakes or Alternate Location Stakes Set 250'FNL-660'FEL Elev: 2069' at Gr. Good Drill Site? No Alt: Yes Stakes Set Best Accessibility to Location From South Distance & Direction From the Jct. of US. Hwy. 183 & US. Hwy. 160 East, North of Coldwater, Ks., go 2 miles from Hwy Jct or Town_ North on US. Hwy. 183, then 6 miles West to the SE Cor. of Sec. 25-T31S-R20W Date of Drawing: <u>Jun. 23, 2011</u>
Invoice # <u>169225</u> Date Staked: <u>Jun. 17, 2011</u> The following information was gathered using a GPS receiver Accuracy ±2-3 Meters. **GPS CERTIFICATE:**

a Registered Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.

_a Registered Land Surveyor

-1213

AND SURVE

DATUM: NAD-27 LAT: 37°18'33.9"N LONG: 99°26'17.5"W LAT: 37.309415501 LONG: 99.438198146 STATE PLANE COORDINATES: ZONE: KS SOUTH

X: 1727130 Y:__235408

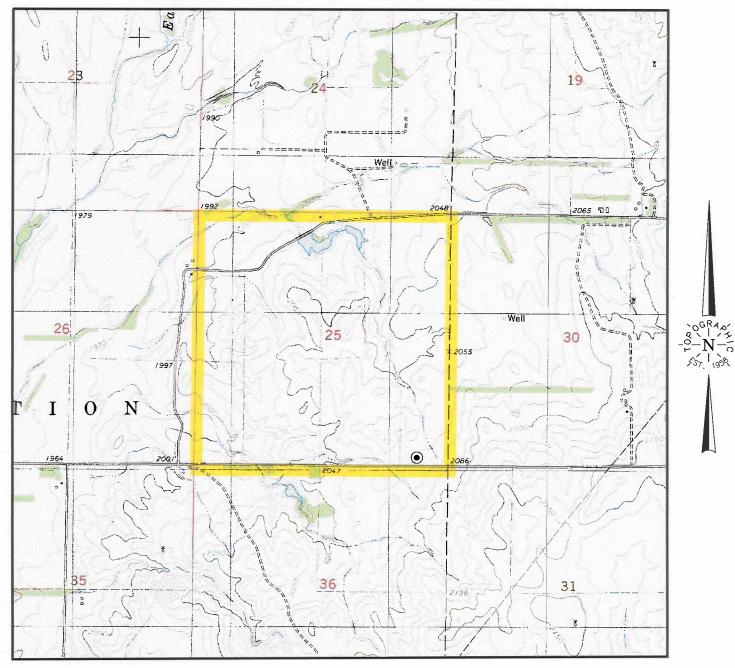
1213 Kansas Reg. No.

T. Wayne Fisch

TOPOGRAPHIC LAND SURVEYORS

Surveying and Mapping for the Energy Industry 6709 North Classen Blvd. Oklahoma City, OK 73116 www.topographic.com Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

LOCATION & ELEVATION VERIFICATION MAP



Twp. 31S Rng. 20W KS COMANCHE ____State__ County_ Operator___ SANDRIDGE ENERGY, INC. Description 200'FSL-660'FEL Lease____ MARIAH 1 - 36H

2069' Gr. at Stake Elevation U.S.G.S. Topographic EAST KIOWA CREEK SOUTH, KS Quadrangle Map

Above Background Data from U.S.G.S. Topographic Map Scale: 1"=2000'

10' Contour Interval ____

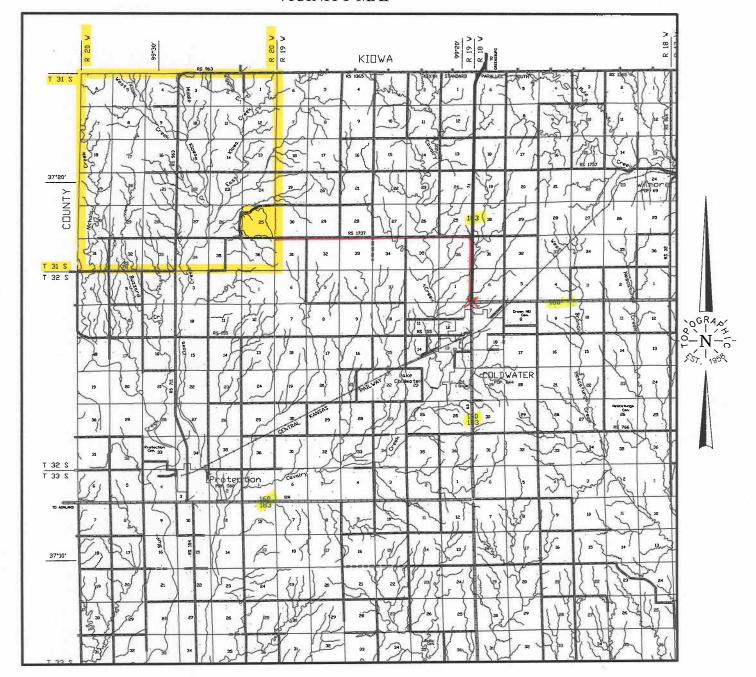
This location has been very carefully staked on the ground according to the best official survey records, maps and photographs available to us, but its accuracy is not guaranteed. When elevation is shown hereon it is the ground elevation of the location stake. Review this plat and inform us immediately of any possible discrepancy.



TOPOGRAPHIC LAND SURVEYORS

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VICINITY MAP



Scale: 1" = 3 Miles

Sec. 25	Twp	31SRng.	20W
County	COMANCHE	State	KS
Operator_	SANDRID	GE ENERGY,	INC.



KSONA-1 Info. Mariah 1-36H...Comanche Co., KS SandRidge E&P, LLC

Owns the surface in the SE/4 of 25 Judith A and Donald D. Kerstetters 651 Ave E Coldwater, KS 67029 620-582-2618

Owns Surface in NE/4 of 36 Tammy R. Gray Box 235 Wilmore, KS 67155

TOPOGRAPHIC LAND SURVEYORS

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL. (405) 843–4847 * OUT OF STATE (800) 654–3219

COMANCHE

COMANCHE

COMPAN CASE

COMPAN C County, Kansas
31S Range _20W_P.M. 200'FSL-660'FEL Section _ Township Range 5273'-X 1727819 Y 237842 1722546 237897 ine p | 731S-R20W No Powerlines 12844 Line P 1 All: 250'FSL-660'FEL 37'18'34.4" N 99'26'17.5" W Lat: 37.309552844 Long: 98.438196438 X=1727131 Y=235458 Range Pipeline BOTTOM HOLE INFORMATION PROVIDED BY OFFRATOR LISTED. CORNER COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD. 1977 X 1722505 Y 235253 200 330% -2637 -1977 POE: 330'FNL-660'FEL 37'18'28.7" N 99'26'17.5" W Lot: 37.30'795'9710 Long: 99.438210751 X=1727121 Y=234878 660' 11 11 2309 731S-R20W 13 GRID Line-P Scale: 1"= 1000' 11 Range 2309 BHL: 330FSL-660Ft 37*17'43.0" N 99'26'18.0" W Lat: 37.295277607 Long: 99.438350097 X=1727034 V=20261 -660'FEL 660 1722420 229983 330 X 1727688 Y 229924 1315-R20W Township Line-P -5268' T325-R20W Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, and have not been measured. This location has been very carefully staked on the ground according to the best official survey records, maps, and photographs available to us, but its accuracy is not guaranteed.

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Stakes Set __250'FNL-660'FEL Elev: 2069' at Gr. Good Drill Site? No Alt: Yes Best Accessibility to Location From South Distance & Direction from Hwy Jct or Town From the Jct. of From the Jct. of US. Hwy. 183 & US. Hwy. 160 East, North of Coldwater, Ks., go 2 miles North on US. Hwy. 183, then 6 miles West to the SE Cor. of Sec. 25-T31S-R20W Date of Drawing: Jun. 23, 2011 The following information was gathered using a GPS receiver Accuracy ±2-3 Meters. LC Invoice # 169225 Date Staked: Jun. 17, 2011 GPS CERTIFICATE: DATUM: NAD-27 I, T. Wayne Fisch a Registered Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein. LAT: 37'18'33.9"N LONG: 99'26'17.5"W LAT: 37.309415501 LONG: 99.438198146 CARAGE BY STATE PLANE AND SURVE COORDINATES: Konsas Reg. No. 1213 ZONE: KS SOUTH X: 1727130

Y: 235408

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

September 19, 2011

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

Re: Drilling Pit Application Mariah 1-36H SE/4 Sec.25-31S-20W Comanche County, Kansas

Dear Gil Messersmith:

District staff has inspected the 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. If a plastic liner is to be used it must have a minimum thickness of 10 mil. Integrity of the liner must be maintained at all times.

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 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 as soon as practical after drilling operations have ceased. The fluids should be taken to an authorized disposal well. Please call the District Office at (620) 225-8888 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 (620) 225-8888.