

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

#### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1144521

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	
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:	County:
Contact Person:	Lease Name: Well #:
Phone:	Field Name:
CONTRACTOR: License#	Is this a Prorated / Spaced Field?
Name:	Target Formation(s):
	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	
Disposal Wildcat Cable	Public water supply well within one mile: Yes No
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 I II
II 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:
Directional Deviated as University well-serve	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:   KCC DKT #:	(Note: Apply for Permit with DWR )
NOO DICT #.	Will Cores be taken? Yes No
	If Yes, proposed zone:
AFF	If Yes, proposed zone:
	IDAVIT
The undersigned hereby affirms that the drilling, completion and eventual plug	IDAVIT
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Well will not be drilled or Permit Expired	Date:	
Signature of Operator or Agent:		



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:	feet from N / S Line of Section
Nell Number:	feet from E / W Line of Section
Field:	Sec Twp S. R
Number of Acres attributable to well:	is section.     ixequial of     integuial
	If Section is Irregular, locate well from nearest corner boundary.
	Section corner used: NE NW SE SW
	PLAT
=	arest lease or unit boundary line. Show the predicted locations of
	as required by the Kansas Surface Owner Notice Act (House Bill 2032).
You may attac 1 0 5 ft	ch a separate plat if desired.
19310	
	2115 ft.
	LEGEND
	: O Well Location
	Tank Battery Location
	: : Electric Line Location
	Lease Road Location
	· · · · · · · · · · · · · · · · · · ·
	EXAMPLE : :
<u> </u>	
31	
	1980' FSL
	SEWARD CO. 3390' FEL

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

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  If Existing, date continue prit capacity:	Existing nstructed: (bbls)	SecTwpR East WestFeet from North / South Line of SectionFeet 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
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.
		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 spilled fluids to 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



1144521

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).

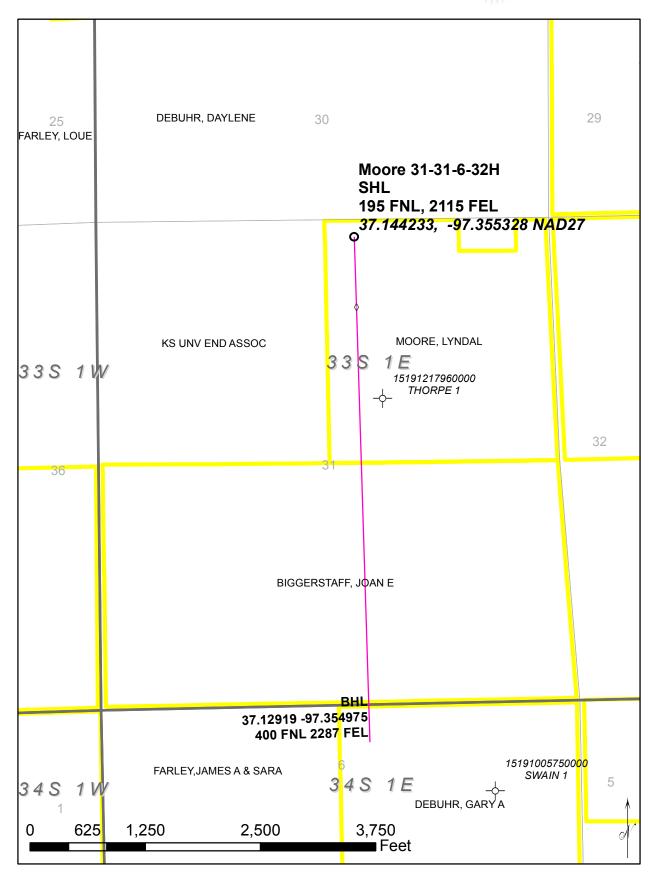
Any such form submitted without an accompanying Form KSONA-1 will be returned.

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 is	
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 n 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	

## Source Energy MidCon, LLC

#### Moore 31-31-6-32H





#### **Spot Information**

Latitude

37.144312

Longitude

-97.355581

Section

Sec-31 Twp-33 S Rng-1 E

Quarter Calls NE NW NW NE

County

Sumner

KCC District 2

**SGA** 

Yes(DIST)

Hutch Salt

No

Elevation

1226 ft

#### **Water Well Information**

#### NO WWC5 records with in 1 mile of this location

#### KGS Map Viewer - Oil and Gas Wells and Fields

Section 31-33S-1E (Opens in separate window)

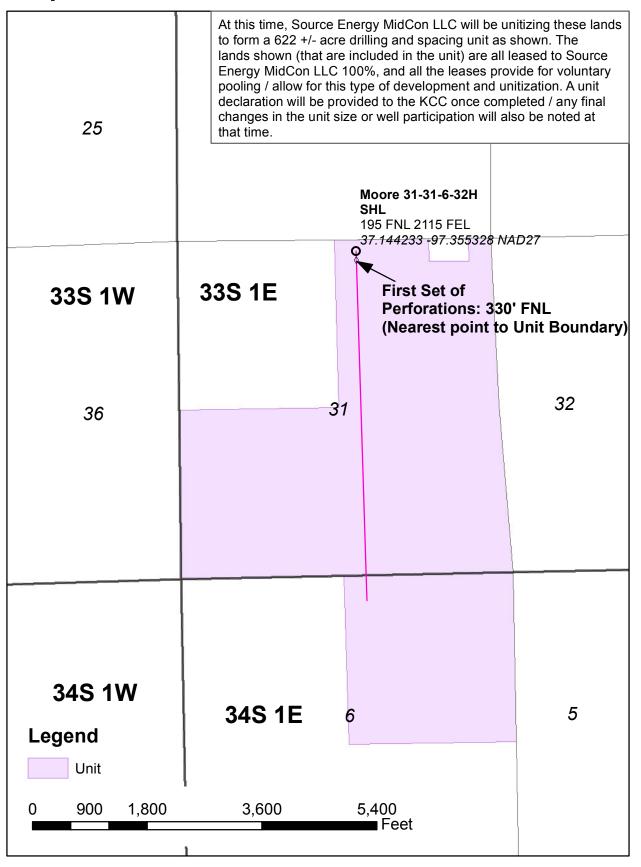
#### **Available Fields Quarter Calls**

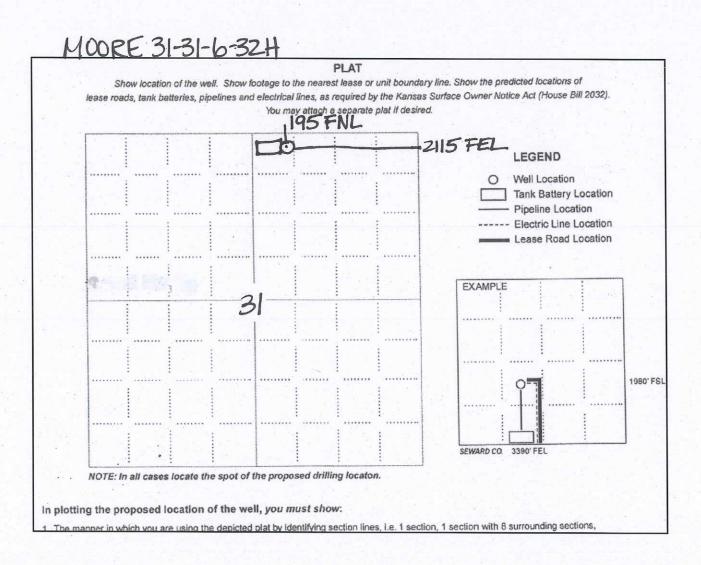
No Fields Available

# Source Energy MidCon, LLC Unit Plat (NAD27)



### Proposed Source 622 +/- acre unit





## Minimum Surface Casing Requirements--Appendix A

#### **Definition of conductor pipe**

A large diameter steel casing, having a minimum diameter of 12 inches, installed in an oil-and-gas-related well to protect fresh and usable water and stabilize unconsolidated materials when drilling in an area where the possibility of lost circulation zones exist at deeper depths.

#### Addition to minimum surface casing table

Within the sections listed below in this Appendix, the following rule shall be used for drilling any oil, gas, injection, disposal or service well: Conductor pipe shall be installed as soon as drilling penetrates twenty feet into the consolidated formation underlying the unconsolidated material. The annular space between the conductor pipe and the borehole shall be cemented from bottom to ground surface.

Conductor pipe, in addition to having a minimum diameter of 12 inches, shall be of sufficient size that if a lost circulation zone is encountered, the standard surface pipe can be installed through that zone. In areas where instability occurs within the unconsolidated materials, a pipe of sufficient diameter must be utilized to stabilize that portion of the borehole so that the minimum required amount of conductor pipe can be installed 20 feet into the underlying formation.

In those areas where the Appendix A list of sections includes sites that do not appear to have the unconsolidated material, a sufficient length of conductor pipe shall be on hand at the drilling site. In all cases, if unconsolidated material is encountered, conductor pipe shall be installed. If unconsolidated material is not encountered, the minimum required surface pipe shall be installed.

## Section designated as having Wellington Aquifer with Hutchinson Salt Member present

Twp. 13S R. 3W Sec. 4, 5, 8-10, 15-17, 20-23, 25-29, 32-36

Twp. 14S R. 3W Sec. 1-5, 8-17, 20-29, 32-36

Twp. 15S R. 3W Sec. ALL

Twp. 15S R. 2W Sec. 6, 7, 18, 19, 30, 31

Twp. 16S R. 4W Sec. 1, 12, 13, 24, 25, 36

Twp. 16S R. 3W Sec. 4-9, 18, 19, 30, 31

Twp. 17S R. 4W Sec. 1, 12-14, 23-27, 34-36

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Twp. 17S R. 3W Sec. 4-10, 16-20, 29-32

Twp. 18S R. 4W Sec. 1-4, 8-17, 20-29, 32-36

Twp. 18S R. 3W Sec. 6, 7, 18, 19, 30, 31

Twp. 19S R. 4W Sec. 1-5, 8-17, 20-29, 32-36

Twp. 19S R. 3W Sec. 6, 7, 18, 19, 30, 31

Twp. 20S R. 4W Sec. 1-5, 9-16, 21-28, 33-36

Twp. 20S R. 3W Sec. 30, 31

Twp. 21S R. 4W Sec. 1-5, 8-17, 20-36

Twp. 21S R. 3W Sec. 6, 7, 18, 19, 30, 31

Twp. 22S R. 5W Sec. 1, 12, 13, 24, 25, 36

Twp. 22S R. 4W Sec. ALL

Twp. 22S R. 3W Sec. 6-8, 17-20, 28-33

Twp. 23S R. 5W Sec. 1, 11-14, 23-26-35, 36

Twp. 23S R. 4W Sec. ALL

Twp. 23S R. 3W Sec. 4-9, 16-21, 28-33

Twp. 24S R. 5W Sec. 1, 2, 12

Twp. 24S R. 4W Sec. 1-18, 20-27, 35, 36

Twp. 24S R. 3W Sec. ALL except 1, 2, 12

Twp. 24S R. 2W Sec. 19, 20, 27-35

Twp. 25S R. 4W Sec. 1

Twp. 25S R. 3W Sec. ALL except 18, 19, 29-33

Twp. 25S R. 2W Sec. ALL

Twp. 25S R. 1W Sec. 7, 17-21, 27-35

Twp. 26S R. 3W Sec. 1, 2, 12, 13

Twp. 26S R. 2W Sec. ALL except 1, 12, 11, 12

Twp. 26S R. 1W Sec. ALL

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Twp. 26S R. 1E Sec. 18, 19, 29-32

Twp. 27S R. 2W Sec. 1-5, 8-17, 21-28, 33-36

Twp. 27S R. 1W Sec. ALL

Twp. 27S R. 1E Sec. 5-9, 16-21, 28-33

Twp. 28S R. 2W Sec. 1-3, 10-15, 22-27, 35, 36

Twp. 28S R. 1W Sec. ALL (36 No salt)

Twp. 28S R. 1E Sec. 4-10, 15-22, 26-35

Twp. 29S R. 2W Sec. 1, 2, 11-14, 23-26, 35, 36

Twp. 29S R. 1W Sec. ALL

Twp. 29S R. 1E Sec. ALL except 1

Twp. 30S R. 1W Sec. ALL except 18-20, 39-32

Twp. 30S R. 1E Sec. ALL

Twp. 30S R. 2E Sec. 6, 7, 17-21, 28-34

Twp. 31S R. 1W Sec. 1-3, 10-14, 23-26, 35, 36

Twp. 31S R. 1E Sec. ALL except 28, 29, 32, 33, 34

Twp. 31S R. 2E Sec. 3-11, 14-22, 28-31

Twp. 32S R. 1E Sec. 1

Twp. 32S R. 2E Sec. 5, 6

Twp. 33S R. 1E Sec. 31, 32

Twp. 34S R. 1E Sec. 1-3, 11-13

Twp. 34S R. 2E Sec. 6-8, 17-20

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



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Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

July 10, 2013

Elizabeth Habermehl Source Energy MidCon LLC 1805 SHEA CENTER DR., STE 100 HIGHLANDS RANCH, CO 80129

Re: Drilling Pit Application Moore 31-31-6-32H NE/4 Sec.31-33S-01E Sumner County, Kansas

#### Dear Elizabeth Habermehl:

District staff has inspected the above referenced location and has determined that the reserve pit shall be 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 as soon as practical 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.