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STATE OF MISSOURI
GEOLOGICAL SURVEY PROGRAM
APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

Mo Oil & Gas Council

APPLICATION TO DRILL DEEPEN PLUG BACK FOR AN OIL WELL OR GAS WELL

NAME OF COMPANY OR OPERATOR Kansas Resource Exploration and Development, LLC		DATE 12/01/2011	
ADDRESS 9393 West 110th St., Suite 500	CITY Overland Park	STATE KS	ZIP CODE 66210

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE Belton Unit	WELL NUMBER R-37	ELEVATION (GROUND) 1,100 feet
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WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES)
 _____ ft. from North South section line _____ ft. from East West section line

WELL LOCATION Sec. 16 Township 46 North Range 33 <input type="checkbox"/> East <input checked="" type="checkbox"/> West	LATITUDE n38 48.98'	LONGITUDE w94 34.06'	COUNTY Cass
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NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE _____ FEET
 DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE _____ FEET

PROPOSED DEPTH 650'	DRILLING CONTRACTOR, NAME AND ADDRESS Utah Oil, LLC	ROTARY OR CABLE TOOLS Rotary	APPROX. DATE WORK WILL START 02/20/2012
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NUMBER OF ACRES IN LEASE 560	NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR _____ 87
	NUMBER OF ABANDONED WELLS ON LEASE _____ 0

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED? NAME <u>DE Exploration</u> ADDRESS <u>4595 Highway K33, Wellsville, KS 66092</u>	NO. OF WELLS PRODUCING _____ 50 INJECTION _____ 28 INACTIVE _____ 8 ABANDONED _____ 0
--	--

STATUS OF BOND	<input type="checkbox"/> SINGLE WELL AMOUNT \$ _____	<input checked="" type="checkbox"/> BLANKET BOND AMOUNT \$ <u>80,000</u> <i>OK</i>	<input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED
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REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED)

PROPOSED CASING PROGRAM				APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT
20'	8 5/8"		6 sks	20'	8 5/8"	~15	Full
650'	4 1/2"		125 sks	650'	4 1/2"	~10	Length

04/12
02/23/12

I, the Undersigned, state that I am the Agent of the K.R.E.D (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE <i>[Signature]</i>	DATE 01/18/2012
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PERMIT NUMBER <u>037-20868</u>	<input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED	<input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN
APPROVED DATE <u>2-23-12</u>	<input checked="" type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN	<input checked="" type="checkbox"/> DRILL SYSTEM TEST INFO REQUIRED IF RUN
APPROVED BY <i>[Signature]</i>	<input type="checkbox"/> SAMPLES REQUIRED	
	<input checked="" type="checkbox"/> SAMPLES NOT REQUIRED	
	<input type="checkbox"/> WATER SAMPLES REQUIRED AT	

NOTE ▶ THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.

APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE

Bleech of the Utah Oil Company, confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE <i>[Signature]</i>	DATE <u>2/4/12</u>
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Belton 38.82 -94.57

FEB 08 2012

FORM OGC-4



STATE OF MISSOURI
 MISSOURI DEPARTMENT OF NATURAL RESOURCES
 GEOLOGICAL SURVEY PROGRAM
WELL LOCATION PLAT

OWNER'S NAME
 Kansas Resource Exploration & Development

LEASE NAME
 Belton Unit

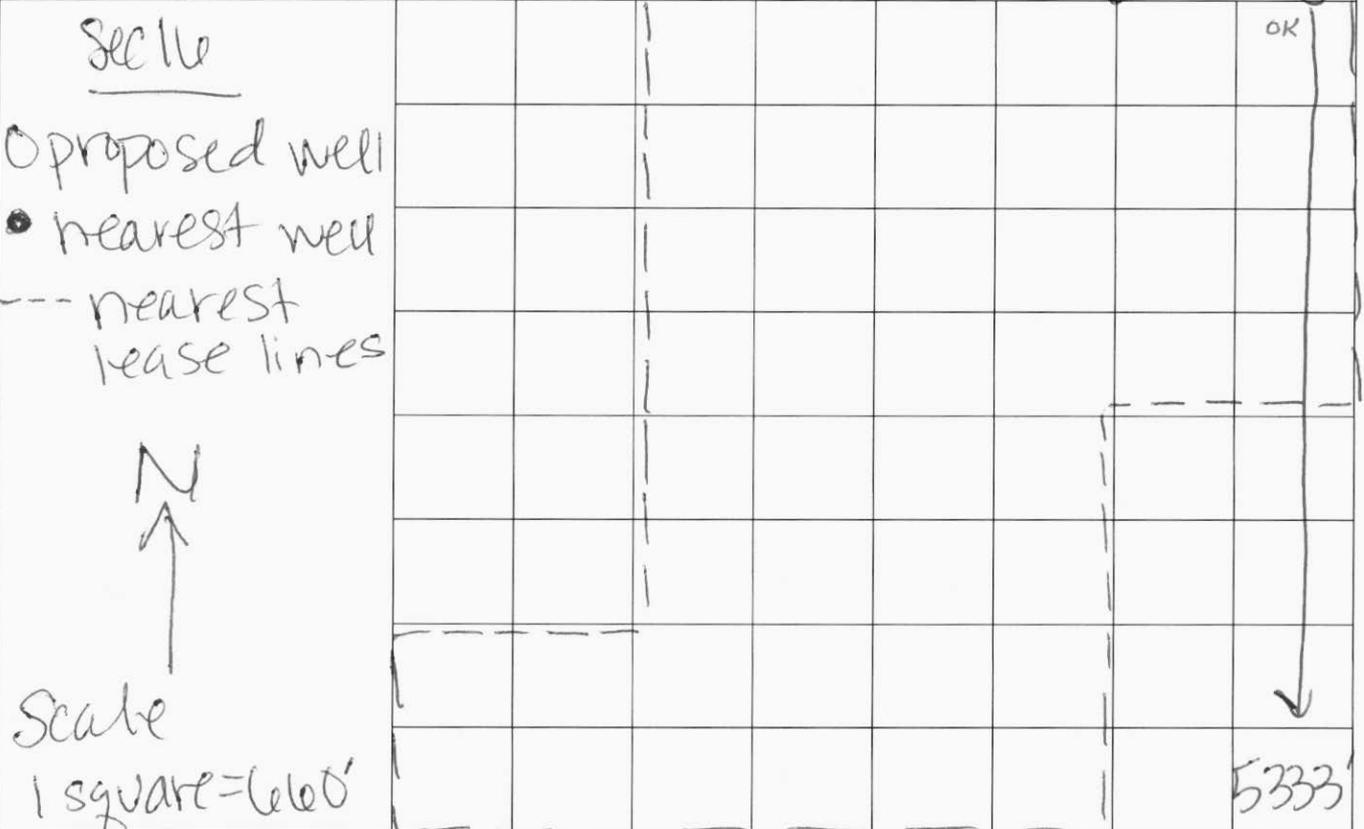
COUNTY
 Cass

WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES)
 5333 ft. from North South from section line 294 ft. from East West from section line

WELL LOCATION
 Sec. 16 Township 46 North Range 33 East West

LATITUDE
 N38 48.98'

LONGITUDE
 W94 34.06'



REMARKS
 special project status
 section 16 is odd shaped. - see attached map and e-mail.

INSTRUCTIONS

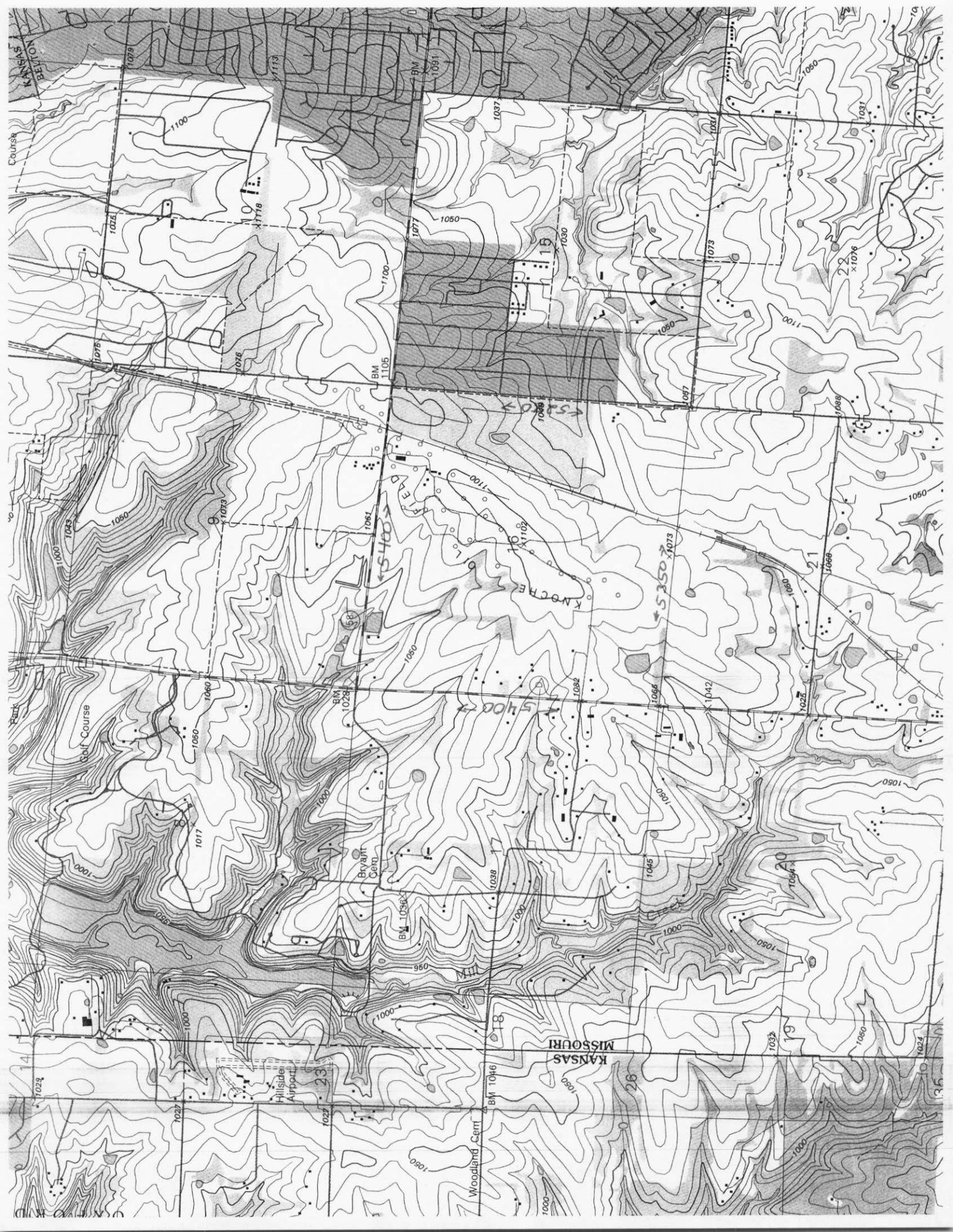
On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.

This is to certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

REMIT TWO (2) COPIES TO:
 GEOLOGICAL SURVEY PROGRAM
 PO BOX 250, ROLLA, MO 65402-0250 (573) 368-2143
 ONE (1) COPY WILL BE RETURNED

REGISTERED LAND SURVEYOR

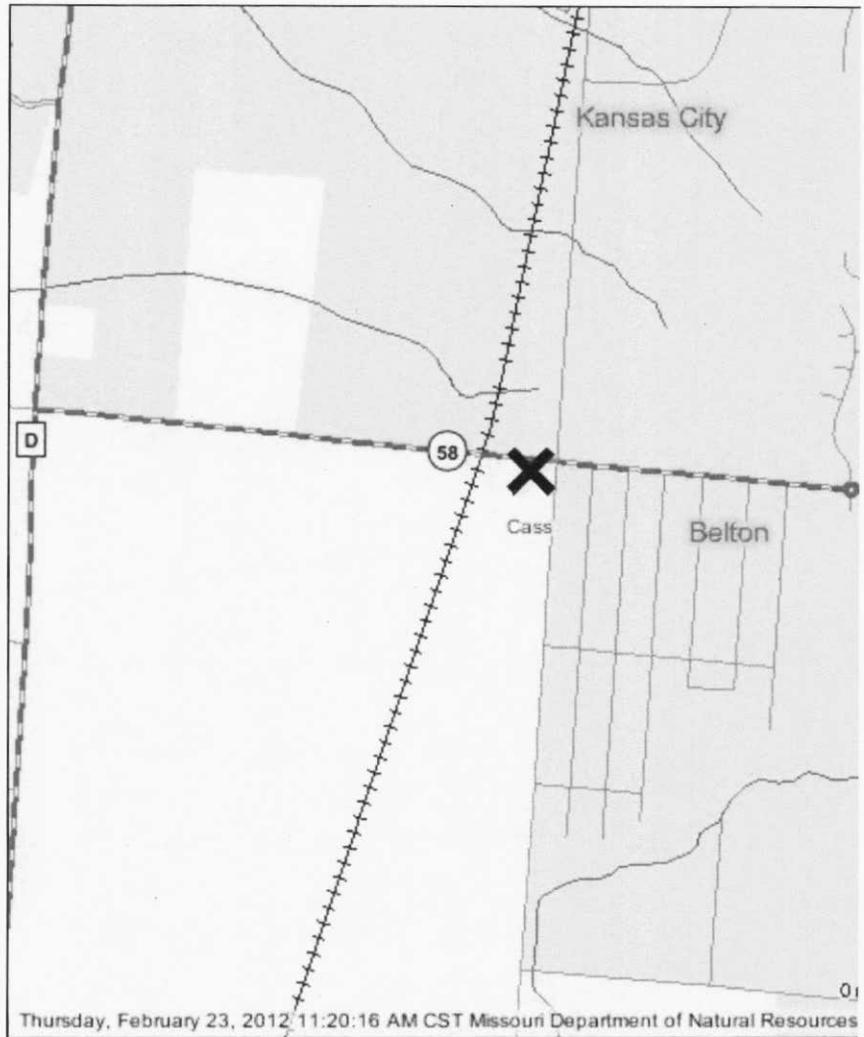
NUMBER



- Lakes
- Major Rivers
- Stream Segments
- Missouri River
- Mississippi River
- Municipal

Legend

-  Interstate Highways
-  US Highways
-  State Highways
-  Railroad
-  Major and Minor Roads
-  County Boundary
-  Lakes
-  Major Rivers
-  Stream Segments
-  Missouri River
-  Mississippi River
-  Municipal

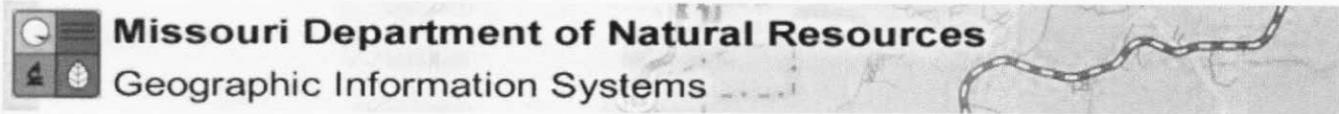


View Scale 1:24,000

DISCLAIMER: Although this map has been compiled by the Missouri Department of Natural Resources, no warranty, expressed or implied, is made by the department for the data and related materials. The act of distribution shall not constitute a warranty, and no responsibility is assumed by the department in the use of the data and related materials.



P.O. Box 176, Jefferson City, MO 65102
 800-361-4827 / 573-751-3443
 E-mail: contact@dnr.mo.gov



Check Location

Select a coordinate format, enter a pair of coordinates in the boxes below it, and then press the SUBMIT button. While your information is retrieved. Your coordinates will be converted to the other formats, the information on the right the page will be filled in based on your coordinates, and a map will be generated. NOTE: All coordinates must use the American Datum of 1983 (NAD83).

Submit

Universal Transverse Mercator [Zone 15 North]

 Easting
 meters

 Northing
 meters

Decimal Degrees

 Latitude
 °

 Longitude
 °

Degrees, Minutes and Seconds

 Latitude Degrees
 °

 Latitude Minutes
 '

 Latitude Seconds
 "

 Longitude Degrees
 °

 Longitude Minutes
 '

 Longitude Seconds
 "

UTM Zone 15N [Easting, Northing]	[363899.1, 4297568.6] meters
Decimal Degrees [Lat, Lon]	[38.816388°, -94.567667°]
Deg, Min, Sec [Lat, Lon]	[38° 48' 59.0", -94° 34' 3.6"]
County Name	Cass
County FIPS Code	037
Legal Description	Section 16 T46N R33W
Municipality	NO VALUE
House District	123
Senate District	31
Congressional District	5
MoDNR Region	Kansas City Regional Office
USGS 1:24,000 Quadrangle	Belton [38094-G5]
8 Digit Watershed	10300101 [Lower Missouri-Cro-
10 Digit Watershed	1030010101 [Blue River]
12 Digit Watershed	103001010104 [Camp Branch-l
Special Well Drilling Area	Area 2
Ecological Drainage Unit	Central Plains/Blackwater/Lami
Level III Ecoregion	Central Irregular Plains
Query Time	11.672 s

Rows with red text indicate that the input location is too close to a boundary for reliable results.

NOTE: A result of 'NO VALUE' is usually an indication that no data was found for that location. For example, not every point in Missouri will lie within a municipality, some will result in a 'NO VALUE'. If 'County Name' results in 'NO VALUE', the location probably lies outside the state.

Metadata

- Interstate Highways
- US Highways
- State Highways
- Railroad
- Major and Minor Roads
- County Boundary

Rollins, Kyle

From: Carissa Kramer <carissafaith@gmail.com>
Sent: Thursday, February 23, 2012 8:56 AM
To: Rollins, Kyle
Subject: Re: Well locations

Sent from my iPhone

Begin forwarded message:

From: Carissa Kramer <carissafaith@gmail.com>
Date: February 23, 2012 8:46:28 AM CST
To: carissafaith@gmail.com
Subject: Re: Well locations

Hi Kyle,

Sorry for any confusion with my last email, but the first batch of permits, wells R26-R37 are all in Section 16. In the plat map, I used the large square as a square mile so each individual square was 660 feet. Some of the wells are a little above the North line on the map, but are not above the North section line. This is because Section 16 is not a perfect square mile, so that makes it fit on the plat map a little funny. The North lease line extends well into Section 9. You will see the northern lease line on some other permit applications we mailed a few days ago. I thought you were asking me about those yesterday, and some of those wells will have the AD or ADI name I was referring to. All of the R and RW wells will be in Section 16. If you would like, I can redo whatever plat maps you need me to.

I hope this helps!

Thanks,

Carissa

On Feb 23, 2012, at 7:18 AM, "Rollins, Kyle" <kyle.rollins@dnr.mo.gov> wrote:

Hey Carissa,

All of the permit applications show section 16. The well locations that are in section 9 will need a new location map. Sorry to ask this but I need to see where the lease boundary is in section 9 and the distances to the well in addition to the nearest section lines. You don't have to use just the south or east section lines. I will need the new location map before I can proceed with the applications. The other permit application should be done today. Thanks

Call if you want to discuss. 573-368-2195

From: Carissa Kramer [mailto:carissafaith@gmail.com]
Sent: Wednesday, February 22, 2012 4:51 PM
To: Rollins, Kyle
Cc: Bradley Kramer
Subject: Re: Well locations

Hi Kyle,

Yes, the Belton Unit is in both section 16 and 9. The AD and ADI wells are all North of the highway in section 9. Before unitization, the lease was called the Abbey-Dunlap, hence "AD."

Let me know if you have any other questions!

Thanks,

Carissa

On Feb 22, 2012, at 4:16 PM, "Rollins, Kyle" <kyle.rollins@dnr.mo.gov> wrote:

Brad,

It looks that some of the wells are in section 9 instead of 16. Are any of the wells north of highway 58?

Kyle Rollins
Geologist II
Economic Geology Unit
Division of Geology and Land Survey
573-368-2195
573-368-2111 (fax)
kyle.rollins@dnr.mo.gov
Visit our on-line store:
<http://www.missouriqeologystore.com/>