

FEB 28 2013



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

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: 02/01/2013

ADDRESS: 9393 West 110th St., Suite 500 CITY: Overland Park STATE: KS ZIP CODE: 66210

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE: MacLaughlin WELL NUMBER: E-3 ELEVATION (GROUND): 1003'

WELL LOCATION: 2310 ft. from North South section line 2970 ft. from East West section line

WELL LOCATION: Sec. 4 Township 46 North Range 33 East West LATITUDE: N38 50' 17.26" LONGITUDE: W94 36' 32.11" COUNTY: Cass 037

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE: 283 FEET DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE: 125 FEET #20353

PROPOSED DEPTH: 700' 303' EIV DRILLING CONTRACTOR, NAME AND ADDRESS: Utah Oil, LLC ROTARY OR CABLE TOOLS: Rotary APPROX. DATE WORK WILL START: 03/01/2013

NUMBER OF ACRES IN LEASE: 138 NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR: 18 NUMBER OF ABANDONED WELLS ON LEASE: 0

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED? NO. OF WELLS PRODUCING: 14 INJECTION: 3 INACTIVE: 0 ABANDONED: 0
NAME: DE Exploration ADDRESS: 4595 Highway K33, Wellsville, KS 66092

STATUS OF BOND: SINGLE WELL AMOUNT \$ BLANKET BOND AMOUNT \$ 280,000 ON FILE ATTACHED

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)
PRODUCER

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"	20	6 sks	20	8 5/8"	20	Full LENGTH
700'	4 1/2"	11.6	125 sks	700	4 1/2"	11.6	

I, the Undersigned, state that I am the C.O.O 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: [Signature] DATE: 2/1/13

PERMIT NUMBER: 21218 DRILLER'S LOG REQUIRED E-LOGS REQUIRED IF RUN

APPROVED DATE: 4-29-13 CORE ANALYSIS REQUIRED IF RUN DRILL SYSTEM TEST INFO REQUIRED IF RUN

APPROVED BY: Joseph A. [Signature] SAMPLES REQUIRED SAMPLES NOT REQUIRED

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
I, B. Leech 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: B. Leech DATE: 2-4-13

P/M ~ 230'

RECEIVED

FEB 26 2013



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

Mo Oil & Gas Council

OWNER'S NAME
Kansas Resource Exploration & Development, LLC

LEASE NAME
MacLaughlin B-3

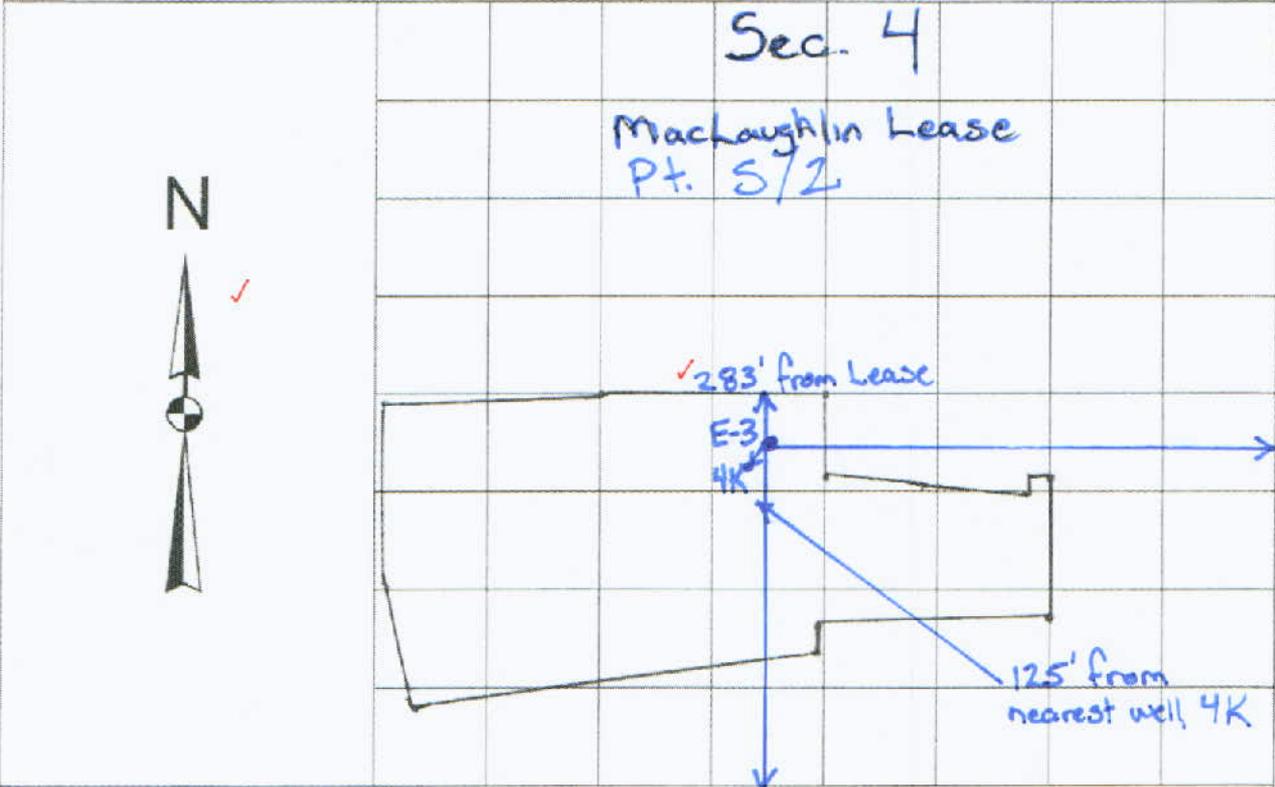
COUNTY
Cass

WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES)
2310 ft. from North South section line 2970 ft. from East West section line

WELL LOCATION
Sec. 4 Township 46 North Range 33 East West

LATITUDE
N38° 50' 17.26"

LONGITUDE
W94° 34' 32.11"



REMARKS
Plat Map Scale - 1 Square = 660 feet ✓

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.

REGISTERED LAND SURVEY NUMBER



Check Location

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

<input type="button" value="Submit"/>	
<input type="radio"/> Universal Transverse Mercator [Zone 15 North]	
Easting 363253.19730022654 meters	
Northing 4299992.986695423 meters	
<input type="radio"/> Decimal Degrees	
Latitude 38.8381277777778 °	
Longitude -94.5755861111111 °	
<input checked="" type="radio"/> Degrees, Minutes and Seconds	
Latitude Degrees 38 °	
Latitude Minutes 50 '	
Latitude Seconds 17.26 "	
Longitude Degrees -94 °	
Longitude Minutes 34 '	
Longitude Seconds 32.11 "	

UTM Zone 15N [Easting, Northing]	[363253.1, 4299992.9] meters
Decimal Degrees [Lat, Lon]	[38.838127°, -94.575587°]
Deg, Min, Sec [Lat, Lon]	[38° 50' 17.2", -94° 34' 32.1"]
County Name	Cass
County FIPS Code	037
Legal Description	Section 04 T46N R33W
Municipality	Belton
House District	56
Senate District	31
Congressional District	4
MoDNR Region	Kansas City Regional Office
USGS 1:24,000 Quadrangle	Belton [38094-G5]
8 Digit Watershed	10300101 [Lower Missouri-Crooked]
10 Digit Watershed	1030010101 [Blue River]
12 Digit Watershed	103001010104 [Camp Branch-Blue River]
Special Well Drilling Area	Area 2
Ecological Drainage Unit	Central Plains/Blackwater/Lamine
Level III Ecoregion	Central Irregular Plains
Query Time	5.953 s

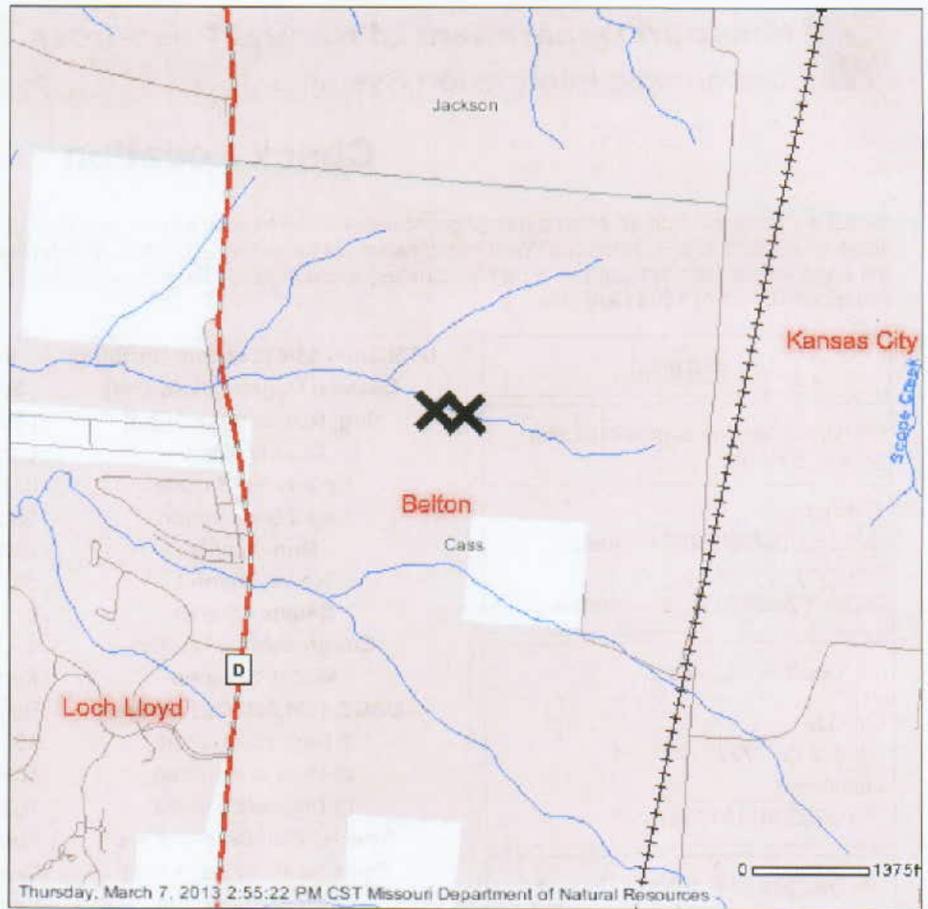
Rows with **red** text indicate that the input location is too close to a boundary to produce reliable results.

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

Metadata

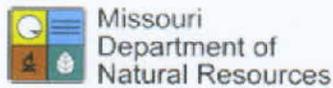
- [Interstate Highways](#)
- [US Highways](#)
- [State Highways](#)
- [Railroad](#)
- [Major and Minor Roads](#)
- [County Boundary](#)
- [Lakes](#)
- [Major Rivers](#)
- [Rivers and Streams](#)
- [Missouri River](#)
- [Mississippi River](#)
- [Municipal](#)

- Legend**
-  Interstate Highways
 -  US Highways
 -  State Highways
 -  Railroad
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 -  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 as to the data and related materials. The act of distribution shall not constitute any such warranty, and no responsibility is assumed by the department in the use of these data or related materials.



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