

RECEIVED
FORM OGC-3



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

APR 27 2012

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

Mo Oil & Gas Council

NAME OF COMPANY OR OPERATOR: Kansas Resource Exploration and Development, LLC DATE: 04/24/2012

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-47 ELEVATION (GROUND): 1090 feet

WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES): 2944 ft. from North South section line 2983 ft. from East West section line

WELL LOCATION: Sec. 16 Township 46 North Range 33 East West LATITUDE: 38 48' 37" LONGITUDE: 94 34' 39" COUNTY: Cass

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE: 407 FEET ✓

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE: 278 FEET

PROPOSED DEPTH: 700' DRILLING CONTRACTOR, NAME AND ADDRESS: Utah Oil, LLC ROTARY OR CABLE TOOLS: Rotary APPROX. DATE WORK WILL START: 04/30/2012

NUMBER OF ACRES IN LEASE: 560 NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR: 101 NUMBER OF ABANDONED WELLS ON LEASE: 0

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED? NAME: DE Exploration ADDRESS: 4595 Highway K33, Wellsville, KS 66092 NO. OF WELLS PRODUCING: 64 INJECTION: 28 INACTIVE: 8 ABANDONED: 0

STATUS OF BOND: SINGLE WELL AMOUNT \$ _____ BLANKET BOND AMOUNT \$ 80,000 OK 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)

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
700'	4 1/2"	11.6	125 sks	700'	4 1/2"	11.6	Length

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: 04/25/2012

PERMIT NUMBER: 037-20923 APPROVED DATE: 6-4-12

APPROVED BY: [Signature]

DRILLER'S LOG REQUIRED E-LOGS REQUIRED IF RUN
 CORE ANALYSIS REQUIRED IF RUN DRILL SYSTEM TEST INFO REQUIRED IF RUN
 SAMPLES REQUIRED
 SAMPLES NOT REQUIRED
 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

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: [Signature] DATE: 04/25/2012

OK/KR
5/17/12

RECEIVED

MAY 10 2012

FORM OGC-4



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

Mo Oil & Gas Council

OWNER'S NAME
Kansas Resource Exploration & Development

LEASE NAME
Belton Unit R-47

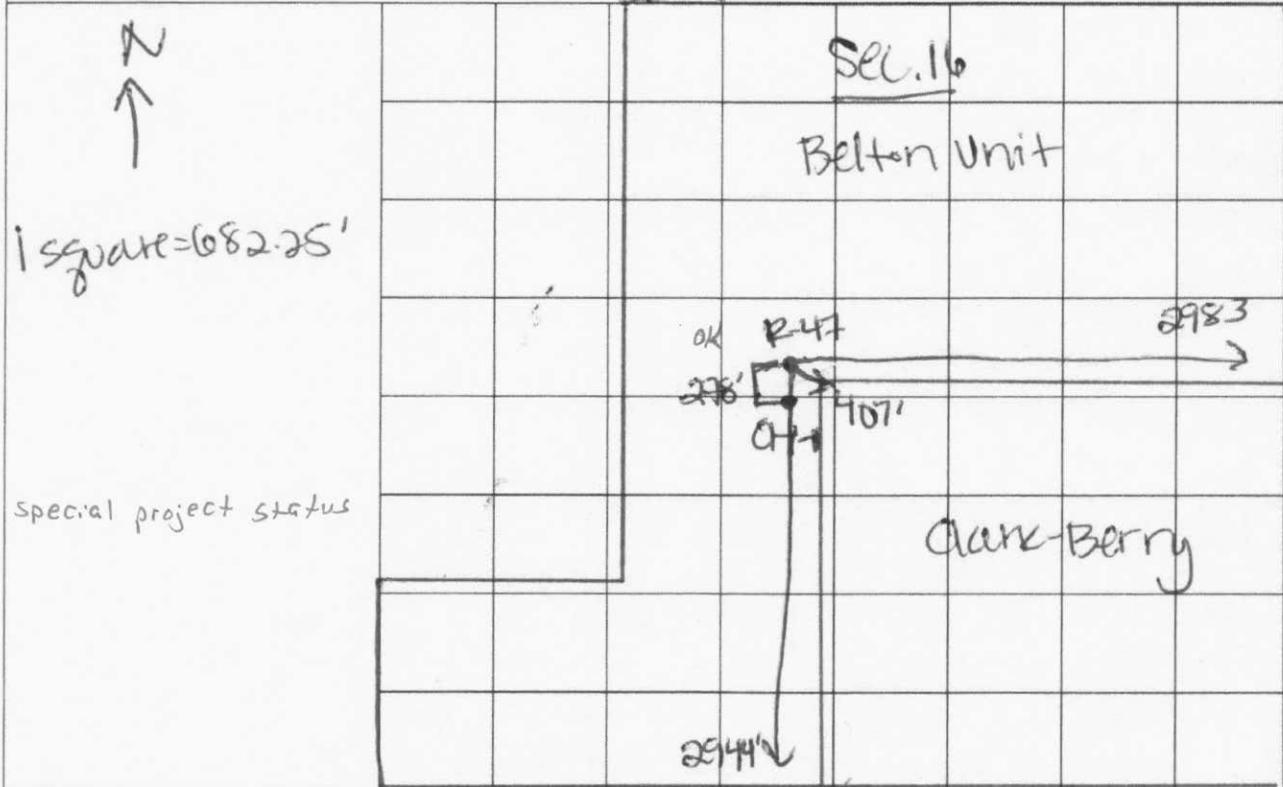
COUNTY
Cass

WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES)
2944 ft. from North South from section line 2983 ft. from East West from section line

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

LATITUDE
N38 48' 37.306"

LONGITUDE
W94 34' 39.528"



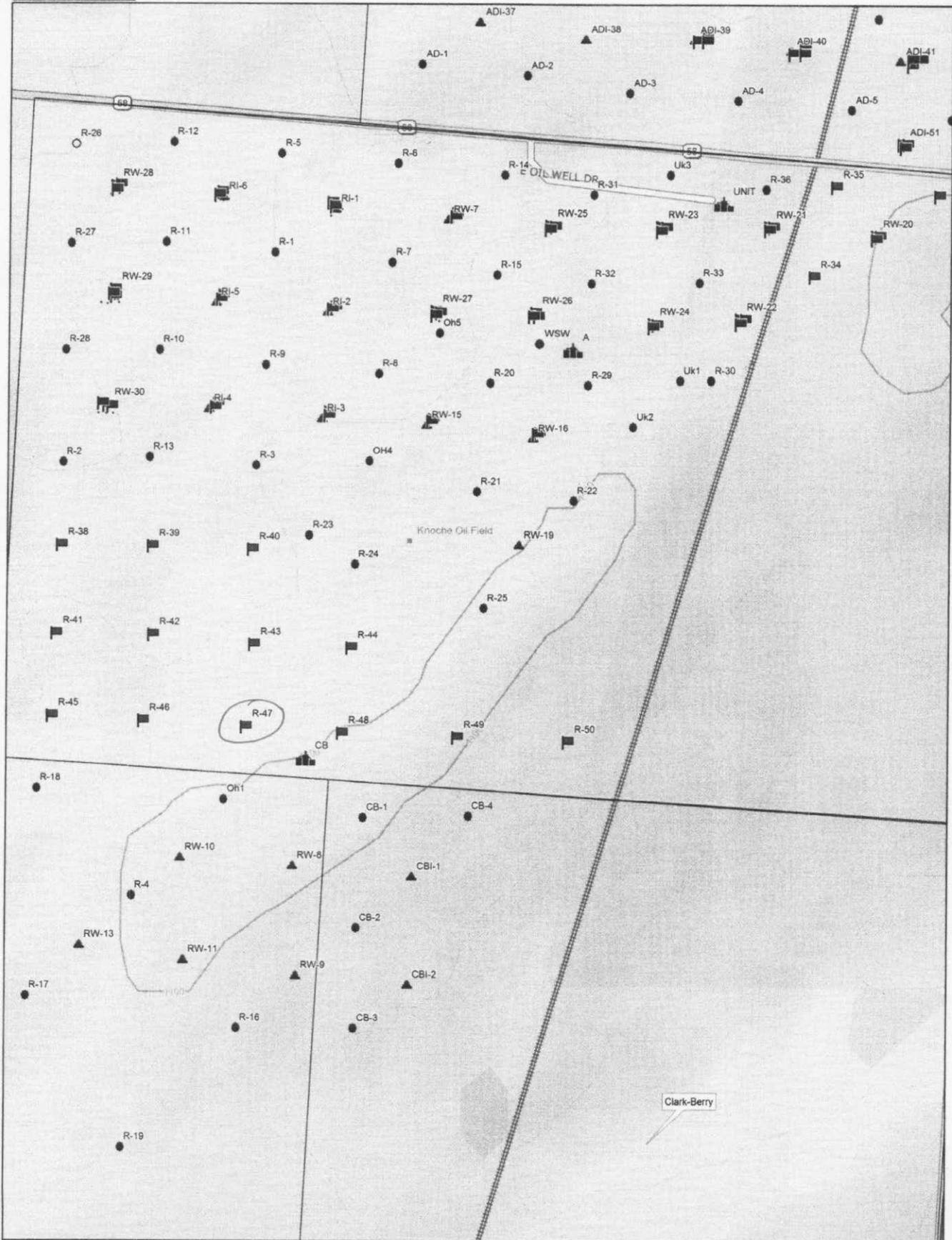
REMARKS
Section 16 is larger than 1 square mile. The scale of 682.25' accounts for the larger dimensions of this section.

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

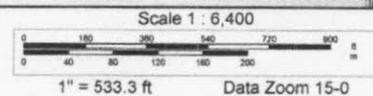
REGISTERED LAND SURVEYOR
NUMBER



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STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM

FORM OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

NEW WELL WORKOVER DEEPEN PLUG BACK INJECTION SAME RESERVOIR DIFFERENT RESERVOIR OIL GAS DRY

OWNER: Kansas Resource Exploration & Development LLC ADDRESS: 9393 W. 110th Street, Ste. 500, Overland Park, KS 66210

LEASE NAME: Belton WELL NUMBER: E.47

LOCATION OF WELL: Sec. 16 Twp 46 North, Rng 23 East West OR 2944 ft. from North South 2983 ft. from East West LATITUDE: 38 48 37 LONGITUDE: 94 34 37

COUNTY: Cass PERMIT NUMBER (OGC-3 OR OGC-31): 037-20923

DATE SPUDDED: 4.4.12 DATE TOTAL DEPTH REACHED: 4.5.12 DATE COMPLETED READY TO PRODUCE OR INJECT: 6.1.12 ELEVATION (DF, RKR, RT, OR Gr.) FEET: 1090 ELEVATION OF CASING HD. FLANGE: 1090 FEET

TOTAL DEPTH: 760 PLUG BACK TOTAL DEPTH:

PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION: 600-640 ROTARY TOOLS USED (INTERVAL): 0 TO 760 CABLE TOOLS USED (INTERVAL): N/A

WAS THIS WELL DIRECTIONALLY DRILLED? Yes No WAS DIRECTIONAL SURVEY MADE? Yes No WAS COPY OF DIRECTIONAL SURVEY FILED? Yes No DATE FILED:

TYPE OF ELECTRICAL OR OTHER LOGS RUN (JUST LOGS FILED WITH THE STATE GEOLOGIST): Gamma Ray/Neutron/CCL DATE FILED: 02/19/2014

CASING RECORD

PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (LB. FT)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED
Surface	12 1/4"	8 5/8"	20#	<u>23</u>	<u>8</u>	0
Longstring	6 1/2"	4 1/2"	10.5#	<u>760</u>	<u>82</u>	0

TUBING RECORD

LINER RECORD

SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
<u>2 3/8</u> INCH	<u>760</u> FEET	<u>N/A</u> FEET	<u>N/A</u> INCH	<u>N/A</u> FEET	<u>N/A</u> FEET	<u>N/A</u>	<u>N/A</u> FEET

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

NUMBER PER FEET	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL
<u>2</u>	<u>3 3/8" DP 23 GR.</u>	<u>600-640</u>	<u>60 sks, 20/40 sand</u>	<u>600-640</u>

INITIAL PRODUCTION

DATE OF FIRST PRODUCTION OR INJECTION: 6.1.12 PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING - IF PUMPING, SHOW SIZE AND TYPE OF PUMP.):

DATE OF TEST: 6.1.12 HOURS TESTED: 24 CHOKE SIZE: N/A OIL PRODUCED DURING TEST: 3 BBLS GAS PRODUCED DURING TEST: 0 MCF WATER PRODUCED DURING TEST: 5 BBLS OIL GRAVITY: 24 API (CORR.)

TUBING PRESSURE: 0 CASING PRESSURE: 0 CALCULATED RATE OF PRODUCTION PER 24 HOURS: 3 OIL: 3 BBLS GAS: 0 MCF WATER: 5 BBLS GAS OIL RATIO: 0

DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD):

METHOD OF DISPOSAL OF MUD PIT CONTENTS: Air Dry

CERTIFICATE: I, the Undersigned, state that I am the CEO of the kred (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.

DATE: 02/19/2014 SIGNATURE:

INSTRUCTIONS: Attach drillers log or other acceptable log of well.

* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

DETAIL OF FORMATIONS PENETRATED

FORMATION	TOP	BOTTOM	DESCRIPTION (SEE * ABOVE)
			122
			120
			119
			117
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Belton R-47

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
8	soil & clay	8
36	shale	44
11	lime	55
19	shale	74
4	lime	78
30	shale	108
9	lime	117
5	shale	122
4	lime	126
15	shale	141
11	lime	152
4	shale	156
9	lime	165
9	shale	174
17	lime	191
9	shale	200
2	lime	202
3	shale	205
6	lime	211
191	shale	402
8	lime	410
30	shale	440
6	lime	446
15	shale	461
11	lime	472
6	grey sand	478
9	shale	487
10	lime	497
12	shale	509
13	broken sand	522
9	grey sand	531
3	silty shale	534
7	shale	541
5	silty shale	546
1	grey sand	547
8	silty shale	555
2	broken sand	557
2	grey sand	559
3	broken sand	562
1	grey sand	563

Base Pawnee Lime

Labette Shale

Higginsville Lime

Summit Coal

Blackjack creek lime

Mulky Coal

Top Squirrel sand

2	broken sand	565
3	silty shale	568
7	grey sand	575
10	broken sand	585
1	grey sand	586
2	broken sand	588
3	grey sand	591
4	broken sand	595
2	silty shale	597
1	broken sand	598
2	oil sand	600
1	broken sand	601
2	silty shale	603
1	lime	604
3	silty shale	607
3	broken sand	610
1	lime	611
1	broken sand	612
3	silty shale	615
1	oil sand	616
3	broken sand	619
1	limey sand	620 oil show
1	broken sand	621
2	oil sand	623
1	silty shale	624
2	oil sand	626
1	limey sand	627 oil show
6	oil sand/limey	633
1	oil sand/limey	634 oil show/broken
1	oil sand/limey	635
1	shale, sand, lime	636
1	broken sand	637
2	limey sand	639 oil show
6	oil sand	645 <i>Base Squirrel sand</i>
3	shale	648
1	coal	649
111	shale	760 TD <i>Verdigns, Oakley</i>

Drilled a 12 1/4" hole to 23'
 Drilled a 6 1/2" hole to 760'

Set 23' of 8 5/8" surface casing cemented with 8 sacks of cement.