

Kansas Department of Agriculture  
Division of Water Resources  
**PERMIT OF NEW APPLICATION WORKSHEET**

1. File Number: <b>49,822</b>	2. Status Change Date: <b>9/15/2017</b>	3. Field Office: <b>1</b>	4. GMD:
5. Status: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied by DWR/GMD <input type="checkbox"/> Dismiss by Request/Failure to Return			
6. Enclosures: <input checked="" type="checkbox"/> Check Valve <input checked="" type="checkbox"/> N of C Form <input type="checkbox"/> Water Tube <input type="checkbox"/> Driller Copy <input checked="" type="checkbox"/> Meter			
7a. Applicant(s) <input type="checkbox"/> New to system <input type="checkbox"/> Person ID <b>65440</b> Add Seq# <b>1</b>  OBRIEN ROCK COMPANY INC DWAYNE OBRIEN PO BOX 217 SAINT PAUL KS 66771		7c. Landowner(s) <input type="checkbox"/> New to system <input type="checkbox"/> Person ID _____ Add Seq# _____	
7b. Landowner(s) <input type="checkbox"/> New to system <input type="checkbox"/> Person ID _____ Add Seq# _____  7a.		7d. Misc. <input type="checkbox"/> New to system <input type="checkbox"/> Person ID _____ Add Seq# _____	
8. WUR Correspondent <input type="checkbox"/> New to system <input type="checkbox"/> Overlap File (s) WUC Agree <input type="checkbox"/> Yes <input type="checkbox"/> No Person ID _____ Add Seq# _____ Notarized WUC Form <input type="checkbox"/>		9. Use of Water: Changing? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> IRR <input type="checkbox"/> REC <input type="checkbox"/> DEW <input type="checkbox"/> MUN <input type="checkbox"/> STK <input type="checkbox"/> SED <input type="checkbox"/> DOM <input type="checkbox"/> CON <input type="checkbox"/> HYD DRG <input type="checkbox"/> WTR PWR <input type="checkbox"/> ART RECHRG <input checked="" type="checkbox"/> IND SIC: <b>3273</b> <input type="checkbox"/> OTHER: _____	
10. Completion Date: <b>12/31/2018</b>		11. Perfection Date: <b>12/31/2022</b>	
12. Exp Date: _____			
13. Conservation Plan Required? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date Required: _____ Date Approved: _____ Date to Comply: _____			
14. Water Level Measuring Device? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date to Comply: _____ Date WLMD Installed: _____			
Date Prepared: <b>8/15/2017</b> By: <b>AM</b> Date Entered: <b>9/18/2017</b> By: <b>UM</b>			

File No. **49,822**      15. Formation Code: 830      Drainage Basin: Spring River      County: CR      Special Use:      Stream:

16. Points of Diversion										17. Rate and Quantity				
T MOD DEL ENT	P DIV	Qualifier	S	T	R	ID	'N	'W	Authorized		Additional		Overlap PD Files	
									Rate gpm	Quantity mgy	Rate gpm	Quantity mgy		
<b>MOD</b>	<b>86023</b>	<b>NW NE NE</b>	<b>6</b>	<b>30S</b>	<b>25E</b>	<b>1</b>	<b>5200</b>	<b>663</b>	<b>50</b>	<b>4.0</b>	<b>50</b>	<b>4.0</b>	<b>20170085</b>	
										<b>(12.27 AF)</b>		<b>(12.27 AF)</b>		

18. Storage: Rate \_\_\_\_\_ NF      Quantity \_\_\_\_\_ ac/ft      Additional Rate \_\_\_\_\_ NF      Additional Quantity \_\_\_\_\_ ac/ft

19. Limitation: \_\_\_\_\_ af/yr at \_\_\_\_\_ gpm (\_\_\_\_\_ cfs) when combined with file number(s) \_\_\_\_\_  
 Limitation: \_\_\_\_\_ af/yr at \_\_\_\_\_ gpm (\_\_\_\_\_ cfs) when combined with file number(s) \_\_\_\_\_

20. Meter Required?  Yes  No      To be installed by **12/31/2018**      Date Acceptable Meter Installed \_\_\_\_\_

T MOD DEL ENT	P USE	S	T	R	ID	NE ¼				NW ¼				SW ¼				SE ¼				Total	Owner	Chg? NO	Overlap Files
						NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼				
<b>MOD</b>	<b>68309</b>	<b>6</b>	<b>30S</b>	<b>25E</b>	<b>1</b>	<b>CONCRETE PLANT (NE NE)</b>																	<b>7a.</b>	<b>20170085</b>	

Comments:  
**Correct Drainage Basin to Spring River.**

**KANSAS DEPARTMENT OF AGRICULTURE**  
**Division of Water Resources**  
**M E M O R A N D U M**

**TO:** Files

**DATE:** August 15, 2017

**FROM:** Austin McColloch

**RE:** Application, File No. 49,822

Dwayne O'Brien of O'Brien Rock Company has filed the above referenced application proposing to appropriate water at a maximum rate of 50 gallons per minute, and at 4.0 million gallons (12.3 acre-feet) per calendar year for industrial use at a concrete plant. The application was received in the Office of the Chief Engineer on April 14, 2017. The proposed application is in the drainage basin of the Spring River.

The point of diversion is located in the Northwest Quarter of the Northeast Quarter of the Northeast Quarter (NW $\frac{1}{4}$  NE $\frac{1}{4}$  NE $\frac{1}{4}$ ), of Section 6, more particularly described as being near a point 5,200 feet North and 663 feet West of the Southeast corner of said section, in Township 30 South, Range 25 East, Crawford County, Kansas.

Based on the well log submitted with the application in regards to depth and geographical location, the source of supply appears to be the Arbuckle aquifer. The well has a total depth of 725 feet with ground water encountered at 460 feet, 550 feet and 695 feet. The application is subject to safe yield per K.A.R. 5-3-11. It was determined that the entire two mile circle should be considered, providing 8,042 acres. Safe yield was determined to be 5,127.08 acre-feet, existing appropriations have appropriated 579.07 acre-feet, leaving 4,548.01 acre-feet available. Thus, the application meets safe yield.

The application is subject to well spacing requirements, set forth in K.A.R. 5-4-4. There are no wells located within one half mile of the proposed point of diversion. There are no reported wells within 1,320 feet or domestic wells located 660 feet from the proposed point of diversion. Thus, the application meets well spacing requirements.

The applicant identified no well domestic and non-domestic within  $\frac{1}{2}$  mile of the point of diversion. In checking with WWC5 database and WRIS there are no wells within a half mile, thus no nearby notifications were sent out.

The application has been reviewed by Katie Tietsort, Water Commissioner at the Topeka Field Office. In an email dated August 14, 2017, Katie Tietsort recommended the approval of the application.

In accordance with K.S.A. 82a-706(c), the Chief Engineer retains full authority to require any water user to install meters, gauges, or other measuring devices he or she or his or her agents may read at any time. Water flowmeter requirements are further described in K.A.R. 5-1-4 thru K.A.R. 5-1-12. If any chemical or foreign substance is injected into the water pumped under this permit, a check valve will also need to be installed. A proposed rate of 100 gallons per minute requires a water level measuring tube.

Based on the above discussion, well spacing regulations are met, the application complies with safe yield criteria, and approval of the application will not impair senior water rights nor prejudicially or unreasonably affect the public interest, it is recommended that the referenced application be approved.



Austin McColloch  
Environmental Scientist

1320 Research Park Drive  
Manhattan, Kansas 66502  
(785) 564-6700



900 SW Jackson, Room 456  
Topeka, Kansas 66612  
(785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

OBRIEN ROCK COMPANY INC  
DWAYNE OBRIEN  
PO BOX 217  
SAINT PAUL KS 66771

September 19, 2017

**FILE COPY**

RE: Appropriation of Water, File No. 49,822

Dear Mr. O'Brien:

There is enclosed a permit to appropriate water authorizing you to proceed with the construction of the proposed diversion works (except those dams and stream obstructions regulated by K.S.A. 82a-301 through 305a), to divert such unappropriated water as may be available from the source and at the location specified in the permit, and to use it for the purpose and at the location described in the permit.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in this permit. A water meter is required and you must install it prior to water being put to beneficial use in order for you to maintain accurate records of water use. The meter should be used to provide the information required on the annual water use report.

Failure to notify the Chief Engineer of the Division of Water Resources of the completion of the diversion works within the time allowed, or within any authorized extension of time thereof, will result in the dismissal of this permit. Enclosed is a form which may be used to notify the Chief Engineer that the proposed diversion works have been completed. All requests for extensions of time to complete diversion works, or to perfect appropriations, must be submitted to the Chief Engineer before the expiration of time set forth in the permit to complete diversion works or to perfect an appropriation.

If for any reason, you require an extension of time, you must request it before the expiration of time set forth in this permit. Failure to comply with this regulation will result in the dismissal of your permit or your water right. Any request for extension of time shall be accompanied by the required statutory fee, which is currently \$100.00.

There is also enclosed an information sheet setting forth the procedure to obtain a Certificate of Appropriation which establish the extent of your water right.

If you have any questions, please contact me at (785) 564-6627. If you wish to discuss a specific file, please have the file number ready to that we may help you more efficiently.

Sincerely,

Kristen A. Baum  
New Application Unit Supervisor  
Water Appropriation Program

KAB:am  
Enclosures  
pc: Topeka Field Office



KANSAS DEPARTMENT OF AGRICULTURE  
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES  
David W. Barfield, Chief Engineer

**APPROVAL OF APPLICATION  
and  
PERMIT TO PROCEED**

(This Is Not a Certificate of Appropriation)

This is to certify that I have examined Application, **File No. 49,822** of the applicant

**OBRIEN ROCK COMPANY INC  
DWAYNE OBRIEN  
PO BOX 217  
SAINT PAUL KS 66771**

for a permit to appropriate water for beneficial use, together with the maps, plans and other submitted data, and that the application is hereby approved and the applicant is hereby authorized, subject to vested rights and prior appropriations, to proceed with the construction of the proposed diversion works (except those dams and stream obstructions regulated by K.S.A. 82a-301 through 305a, as amended), and to proceed with all steps necessary for the application of the water to the approved and proposed beneficial use and otherwise perfect the proposed appropriation subject to the following terms, conditions and limitations:

1. That the priority date assigned to such application is **April 14, 2017**.
2. That the water sought to be appropriated shall be used for industrial use located in the Northeast quarter of the Northeast Quarter (NE $\frac{1}{4}$  NE $\frac{1}{4}$ ) of Section 6, Township 30 South, Range 25 East, Crawford County, Kansas.
3. That the authorized source from which the appropriation shall be made is groundwater to be withdrawn by means of one (1) well located in the Northwest Quarter of the Northeast Quarter of the Northeast Quarter (NW $\frac{1}{4}$  NE $\frac{1}{4}$  NE $\frac{1}{4}$ ) of Section 6, more particularly described as being near a point 5,200 feet North and 663 feet West of the Southeast corner of said section, in Township 30 South, Range 25 East, Crawford County, Kansas located substantially as shown on the topographic map accompanying the application.
4. That the appropriation sought shall be limited to a maximum diversion rate not in excess of **50 gallons per minute (0.11 c.f.s.)** and to a quantity not to exceed **4.0 million gallons (12.27 acre-feet)** of water for any calendar year.
5. That installation of works for diversion of water shall be completed on or before **December 31, 2018** or within any authorized extension thereof. The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$400.00 when construction of the works has been completed. Failure to timely submit the notice and the fee will result in revocation of the permit. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee of \$100.00.
6. That the proposed appropriation shall be perfected by the actual application of water to the proposed beneficial use on or before **December 31, 2022** or any authorized extension thereof. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee of \$100.00.

7. That the applicant shall not be deemed to have acquired a water appropriation for a quantity in excess of the amount approved herein nor in excess of the amount found by the Chief Engineer to have been actually used for the approved purpose during one calendar year subsequent to approval of the application and within the time specified for perfection or any authorized extension thereof.

8. That the use of water herein authorized shall not be made so as to impair any use under existing water rights nor prejudicially and unreasonably affect the public interest.

9. That the right of the appropriator shall relate to a specific quantity of water and such right must allow for a reasonable raising or lowering of the static water level and for the reasonable increase or decrease of the streamflow at the appropriator's point of diversion.

10. That this permit does not constitute authority under K.S.A. 82a-301 through 305a to construct any dam or other obstruction; nor does it grant any right-of-way, or authorize entry upon or injury to, public or private property.

11. That all diversion works constructed under the authority of this permit into which any type of chemical or other foreign substance will be injected into the water pumped from the diversion works shall be equipped with an in-line, automatic quick-closing, check valve capable of preventing pollution of the source of the water supply. The type of valve installed shall meet specifications adopted by the Chief Engineer and shall be maintained in an operating condition satisfactory to the Chief Engineer.

12. That an acceptable water flow meter shall be installed and maintained on the diversion works authorized by this permit in accordance with the Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. This water flow meter shall be used to provide an accurate quantity of water diverted as required for the annual water use report (including the meter reading at the beginning and end of the report year).

13. That the applicant shall maintain accurate and complete records from which the quantity of water diverted during each calendar year may be readily determined and the applicant shall file an annual water use report with the Chief Engineer by March 1 following the end of each calendar year. Failure to file the annual water use report by the due date shall cause the applicant to be subject to a civil penalty.

14. That no water user shall engage in nor allow the waste of any water diverted under the authority of this permit.

15. That failure without cause to comply with provisions of the permit and its terms, conditions and limitations will result in the forfeiture of the priority date, revocation of the permit and dismissal of the application.

16. That the right to appropriate water under authority of this permit is subject to any minimum desirable streamflow requirements identified and established pursuant to K.S.A. 82a-703c for the source of supply to which this water right applies.

**RIGHT TO A HEARING AND TO ADMINISTRATIVE REVIEW**

If you are aggrieved by this Order, then pursuant to K.S.A. 82a-1901, you may:

- 1) request an evidentiary hearing before the Chief Engineer, or
- 2) request administrative review by the Secretary of Agriculture.

Failure to request an evidentiary hearing before the Chief Engineer does not preclude your right to administrative review by the Secretary.

To obtain an evidentiary hearing before the Chief Engineer, a written request for hearing must be filed within 15 days after service of this Order as provided in K.S.A. 77-531 (i.e., **within a total of 18 days after this Order was mailed to you**), with: Kansas Department of Agriculture, Attn: Legal Section, 1320 Research Park Drive, Manhattan, KS 66502, FAX (785) 564-6777.

If you do not file a request for an evidentiary hearing before the Chief Engineer, you may petition for administrative review of the Order by the Secretary of Agriculture. A petition for review shall be in writing and state the basis for requesting administrative review. The request for hearing may be denied if the request fails to clearly establish factual or legal issues for review. See K.S.A. 77-527. The petition must be filed within 30 days after service of this Order as provided in K.S.A. 77-531 (i.e., **within a total of 33 days after this Order was mailed to you**), and be filed with: Secretary of Agriculture, Attn: Legal Division, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, KS 66502, FAX (785) 564-6777.

If neither a request for an evidentiary hearing nor a petition for administrative review is filed as set forth above, then this Order shall be effective and become a final agency action as defined in K.S.A. 77-607(b). Failure to timely request either an evidentiary hearing or administrative review may preclude further judicial review under the Kansas Judicial Review Act.

Any request for hearing or petition for administrative review shall be in writing and shall be submitted to the attention of: Chief Legal Counsel, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502, Fax: (785) 564 – 6777.

Ordered this 15<sup>th</sup> day of September, 2017, in Topeka, Shawnee County, Kansas.

*Lane P. Letourneau*

Lane P. Letourneau, P.G.  
Program Manager  
Water Appropriation Program  
Division of Water Resources  
Kansas Department of Agriculture

State of Kansas            )  
  ) SS  
County of Riley            )

The foregoing instrument was acknowledged before me this 15<sup>th</sup> day of September, 2017, by Lane P. Letourneau, P.G., Program Manager, Division of Water Resources, Kansas Department of Agriculture.



*Danelle Wilson*

Notary Public

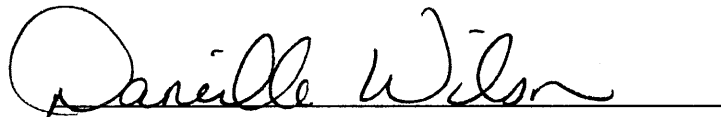
## CERTIFICATE OF SERVICE

On this 19<sup>th</sup> day of September, 2017, I hereby certify that the foregoing Approval of Application and Permit to Proceed, File No. 49,822, dated September 15, 2017 was mailed postage prepaid, first class, US mail to the following:

O'BRIEN ROCK COMPANY INC  
DWAYNE O'BRIEN  
PO BOX 217  
SAINT PAUL KS 66771

With photocopies to:

Topeka Field Office

A handwritten signature in cursive script, reading "Danielle Wilson", is written over a horizontal line.

Division of Water Resources





APPLICATION COMPLETE  
8/14/17  
Reviewer AM

KANSAS DEPARTMENT OF AGRICULTURE  
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES  
David W. Barfield, Chief Engineer

File Number 49822  
This item to be completed by the Division of Water Resources.

WATER RESOURCES  
RECEIVED

**APPLICATION FOR PERMIT TO  
APPROPRIATE WATER FOR BENEFICIAL USE**

Filing Fee Must Accompany the Application  
(Please refer to Fee Schedule attached to this application form.)

APR 14 2017

11:02  
KS DEPT OF AGRICULTURE

To the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture,  
1320 Research Park Drive, Manhattan, Kansas 66502:

1. Name of Applicant (Please Print): O'Brien Rock Company (Dwayne O'Brien)  
Address: P.O. Box 217  
City: St. Paul State KS Zip Code 66771  
Telephone Number: (620) 449-2257

2. The source of water is:  surface water in \_\_\_\_\_ (stream)  
OR  groundwater in Neosho River Basin (drainage basin)

Certain streams in Kansas have minimum target flows established by law or may be subject to administration when water is released from storage for use by water assurance district members. If your application is subject to these regulations on the date we receive your application, you will be sent the appropriate form to complete and return to the Division of Water Resources.

3. The maximum quantity of water desired is \_\_\_\_\_ acre-feet OR 4x10<sup>6</sup> gallons per calendar year, to be diverted at a maximum rate of 50 gallons per minute OR \_\_\_\_\_ cubic feet per second.

Once your application has been assigned a priority, the requested maximum rate of diversion and maximum requested quantity of water under that priority number can **NOT** be increased. Please be certain your requested maximum rate of diversion and maximum quantity of water are appropriate and reasonable for your proposed project and are in agreement with the Division of Water Resources' requirements.

4. The water is intended to be appropriated for (Check use intended):  
(a)  Artificial Recharge (b)  Irrigation (c)  Recreational (d)  Water Power  
(e)  Industrial (f)  Municipal (g)  Stockwatering (h)  Sediment Control  
(i)  Domestic (j)  Dewatering (k)  Hydraulic Dredging (l)  Fire Protection  
(m)  Thermal Exchange (n)  Contamination Remediation

YOU **MUST** COMPLETE AND ATTACH ADDITIONAL DIVISION OF WATER RESOURCES FORM(S) PROVIDING INFORMATION TO SUBSTANTIATE YOUR REQUEST FOR THE AMOUNT OF WATER FOR THE INTENDED USE REFERENCED ABOVE.

For Office Use Only:  
F.O. L GMD 2 Meets K.A.R. 5-3-1 (YES/NO) Use IND Source G S County CP By ADW Date 4/14/17  
Code KE3 Fee \$ 400 TR # \_\_\_\_\_ Receipt Date 4/14/17 Check # 8133

SCANNED  
4/17/2017 ucm

5. The location of the proposed wells, pump sites or other works for diversion of water is:

**Note:** For the application to be accepted, the point of diversion location must be described to at least a 10 acre tract, unless you specifically request a 60 day period of time in which to locate the site within a specifically described, minimal legal quarter section of land.

- (A) One in the NW quarter of the NE quarter of the NE quarter of Section 6, more particularly described as being near a point 5,200 feet North and 663 feet West of the Southeast corner of said section, in Township 30 South, Range 25 East West (circle one), Crawford County, Kansas.
- (B) One in the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of Section \_\_\_\_\_, more particularly described as being near a point \_\_\_\_\_ feet North and \_\_\_\_\_ feet West of the Southeast corner of said section, in Township \_\_\_\_\_ South, Range \_\_\_\_\_ East/West (circle one), \_\_\_\_\_ County, Kansas.
- (C) One in the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of Section \_\_\_\_\_, more particularly described as being near a point \_\_\_\_\_ feet North and \_\_\_\_\_ feet West of the Southeast corner of said section, in Township \_\_\_\_\_ South, Range \_\_\_\_\_ East/West (circle one), \_\_\_\_\_ County, Kansas.
- (D) One in the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of Section \_\_\_\_\_, more particularly described as being near a point \_\_\_\_\_ feet North and \_\_\_\_\_ feet West of the Southeast corner of said section, in Township \_\_\_\_\_ South, Range \_\_\_\_\_ East/West (circle one), \_\_\_\_\_ County, Kansas.

If the source of supply is groundwater, a separate application shall be filed for each proposed well or battery of wells, except that a single application may include up to four wells within a circle with a quarter (1/4) mile radius in the same local source of supply which do not exceed a maximum diversion rate of 20 gallons per minute per well.

A battery of wells is defined as two or more wells connected to a common pump by a manifold; or not more than four wells in the same local source of supply within a 300 foot radius circle which are being operated by pumps not to exceed a total maximum diversion rate of 800 gallons per minute and which supply water to a common distribution system.

- 6. The owner of the point of diversion, if other than the applicant is (please print): (800) 449-2257  
Applicant is Owner JJO Investments, LLC. P.O. Box 217, St. Paul, KS. 66771  
(name, address and telephone number)

\_\_\_\_\_  
(name, address and telephone number)

You must provide evidence of legal access to, or control of, the point of diversion from the landowner or the landowner's authorized representative. Provide a copy of a recorded deed, lease, easement or other document with this application. In lieu thereof, you may sign the following sworn statement:

I have legal access to, or control of, the point of diversion described in this application from the landowner or the landowner's authorized representative. I declare under penalty of perjury that the foregoing is true and correct.

Executed on April 10, 2017. *Dwayne Obieci*  
Applicant's Signature

The applicant must provide the required information or signature irrespective of whether they are the landowner. Failure to complete this portion of the application will cause it to be unacceptable for filing and the application will be returned to the applicant.

- 7. The proposed project for diversion of water will consist of One (1) well  
(number of wells, pumps or dams, etc.)  
and (was)(will be) completed (by) ASAP  
(Month/Day/Year - each was or will be completed)
- 8. The first actual application of water for the proposed beneficial use was or is estimated to be ASAP  
(Mo/Day/Year)

9. Will pesticide, fertilizer, or other foreign substance be injected into the water pumped from the diversion works?  
 Yes  No If "yes", a check valve shall be required.

All chemigation safety requirements must be met including a chemigation permit and reporting requirements.

10. If you are planning to impound water, please contact the Division of Water Resources for assistance, prior to submitting the application. Please attach a reservoir area capacity table and inform us of the total acres of surface drainage area above the reservoir.

Have you also made an application for a permit for construction of this dam and reservoir with the Division of Water Resources?  Yes  No

- If yes, show the Water Structures permit number here NA
- If no, explain here why a Water Structures permit is not required No Reservoir Planned

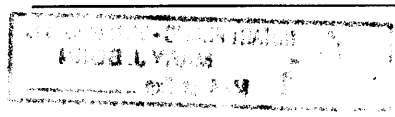
11. The application must be supplemented by a U.S.G.S. topographic map, aerial photograph or a detailed plat showing the following information. On the topographic map, aerial photograph, or plat, identify the center of the section, the section lines or the section corners and show the appropriate section, township and range numbers. Also, please show the following information:

- (a) The location of the proposed point(s) of diversion (wells, stream-bank installations, dams, or other diversion works) should be plotted as described in Paragraph No. 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of section.
- (b) If the application is for groundwater, please show the location of any existing water wells of any kind within 1/2 mile of the proposed well or wells. Identify each existing well as to its use and furnish the name and mailing address of the property owner or owners. If there are no wells within 1/2 mile, please advise us.
- (c) If the application is for surface water, the names and addresses of the landowner(s) 1/2 mile downstream and 1/2 mile upstream from your property lines must be shown.
- (d) The location of the proposed place of use should be shown by crosshatching on the topographic map, aerial photograph or plat.
- (e) Show the location of the pipelines, canals, reservoirs or other facilities for conveying water from the point of diversion to the place of use.

A 7.5 minute U.S.G.S. topographic map may be obtained by providing the section, township and range numbers to: Kansas Geological Survey, 1930 Constant, Campus West, University of Kansas, Lawrence, Kansas 66047.

12. List any application, appropriation of water, water right, or vested right file number that covers the same diversion points or any of the same place of use described in this application. Also list any other recent modifications made to existing permits or water rights in conjunction with the filing of this application.

None



WATER RESOURCES RECEIVED

APR 14 2017

File No. \_\_\_\_\_

- 13. Furnish the following well information if the proposed appropriation is for the use of groundwater. If the well has not been completed, give information obtained from test holes, if available.

Well not yet drilled,  No test holes drilled.  
 Information below is from:  Test holes  Well as completed  Drillers log attached

Well location as shown in paragraph No.	(A)	(B)	(C)	(D)
Date Drilled	_____	_____	_____	_____
Total depth of well	_____	_____	_____	_____
Depth to water bearing formation	_____	_____	_____	_____
Depth to static water level	_____	_____	_____	_____
Depth to bottom of pump intake pipe	_____	_____	_____	_____

- 14. The relationship of the applicant to the proposed place where the water will be used is that of

Tenant  
 (owner, tenant, agent or otherwise)

- 15. The owner(s) of the property where the water is used, if other than the applicant, is (please print):

JJO Investments LLC; P.O. Box 217, St. Paul, KS. 800-449-2257  
 (name, address and telephone number)

\_\_\_\_\_  
 (name, address and telephone number)

- 16. The undersigned states that the information set forth above is true to the best of his/her knowledge and that this application is submitted in good faith.

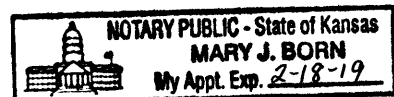
Dated at \_\_\_\_\_, Kansas, this 10 day of April, 2017.  
 (month) (year)

\_\_\_\_\_  
 (Applicant Signature)

By Dwayne O'Brien  
 (Agent or Officer Signature)

Dwayne O'Brien  
 (Agent or Officer - Please Print)

Assisted by \_\_\_\_\_ Date: \_\_\_\_\_  
 (office/title)



*Mary J. Born*

49822

**INDUSTRIAL USE  
SUPPLEMENTAL SHEET**

File No. \_\_\_\_\_

Name of Applicant (Please Print): O'Brien Rock Company Inc.

1. Please describe type of industry or product produced: Ready Mix Concrete  
 \_\_\_\_\_ Standard Industrial Classification Code Number: 3273

2. Please complete the following table to show your past and present water requirements:

**PAST PRODUCT PRODUCTION AND WATER DIVERTED, IF APPLICABLE**

LAST 5 YEARS	AMOUNT OF PRODUCT	WATER DIVERTED (GALLONS)	GALLONS PER PRODUCT PER DAY
5 years ago	25680	1,279,900	50
Last year	17556	1,239,100	71
Present year	4610	330,400 (3 Months)	72

3. Please complete the following table to show your future water requirements:

**ESTIMATED FUTURE PRODUCT PRODUCTION AND WATER DIVERTED**

NEXT 5 YEARS	AMOUNT OF PRODUCT	WATER TO BE DIVERTED (GALLONS)	GALLONS PER PRODUCT PER DAY
Year 1	25000	1,875,000	75
Year 2	28000	2,100,000	75
Year 3	30000	2,250,000	75
Year 4	34000	2,550,000	75
Year 5	35000	2,625,000	75

Number of days of operation of the industry per year is 312 days.

Please attach any tables, curves or additional information showing past, present and estimated future water requirements to substantiate the amount of water requested.

4. Please designate the legal description of the location where the water is to be used. Show in the space provided below the Section (S), Township (T), and Range (R), and the number of acres in each forty acre tract or fractional portion thereof.

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
6	30S	25E	X																9.0

You may attach any additional information you believe will assist in informing the Division of the need for your request.

DWR 1-100.22 (7-7-00)

**WATER RESOURCES  
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APR 14 2017

KS DEPT OF AGRICULTURE **SCANNED**

## McColloch, Austin

---

**From:** Tietsort, Katie  
**Sent:** Monday, August 14, 2017 2:58 PM  
**To:** McColloch, Austin  
**Cc:** Bunger, Brett  
**Subject:** RE: New Application File No. 49,822

This looks fine and is what we talked about, Austin, the TFO appreciates your work on this. Katie

Katie Tietsort

Kansas Department of Agriculture  
6531 SE Forbes Ave Ste B  
Topeka, KS 66619  
[katie.tietsort@ks.gov](mailto:katie.tietsort@ks.gov)  
Phone 785-296-5733

---

**From:** McColloch, Austin  
**Sent:** Monday, August 14, 2017 1:53 PM  
**To:** Tietsort, Katie <Katie.Tietsort@ks.gov>  
**Cc:** Bunger, Brett <Brett.Bunger@ks.gov>  
**Subject:** New Application File No. 49,822

Katie,

Attached is my draft memo for the new application submitted by Dwayne O'Brien. In talking with the applicants advisor, Chet Hiatt, he assured me that the gpm should not be a problem with the pump they have installed and will be at or under 50 gpm (excluding the initial kick when turning the pump on). Let me know if you have any questions.

Thanks,

Austin McColloch  
Environmental Scientist  
Ph: (785) 564-6643

Water Rights and Points of Diversion Within 2.00 miles of point defined as:

5200 ft N and 663 ft W of the SE Corner of Section 6, T 30S, R 25E

Located at: 94.707072 West Longitude and 37.469390 North Latitude

GROUNDWATER ONLY

```

=====
File Number   Use ST SR Dist (ft) Q4 Q3 Q2 Q1 FeetN FeetW Sec Twp Rng ID Batt Auth_Quan Add_Quan Unit
A__ 33092 00 MUN NK G      8655 -- NW NW NW 5190 4662 9 30 25E 6 G 2 135.65 135.65 AF
Same
Same
A__ 39515 00 MUN NK G      8533 -- SE SW SW 430 4425 4 30 25E 1      103.70 .00 AF
A__ 40365 00 MUN NK G      8533 -- SE SW SW 430 4425 4 30 25E 1      49.75 .00 AF
A__ 43434 00 REC NK G      8196 -- NW NE SW 2050 3900 4 30 25E 3      .68 .68 AF
A__ 44554 00 MUN LO G      8533 -- SE SW SW 430 4425 4 30 25E 1      319.99 319.99 AF
A__ 49822 00 IND AY G        0 -- -- -- NE 5200 663 6 30 25E 1      12.28 12.28 AF
P_20170085 00 IND GY G        0 -- -- -- NE 5200 663 6 30 25E 1      6.14 6.14 AF
VCR 7 00 MUN AA G      8655 -- NW NW NW 5190 4662 9 30 25E 6 G 2 122.76 122.76 AF
Same
Same
=====

```

```

=====
Total Net Quantities Authorized:   Direct      Storage
Total Requested Amount (AF) =      12.28      .00
Total Permitted Amount (AF) =       6.14      .00
Total Inspected Amount (AF) =     319.99      .00
Total Pro_Cert Amount (AF) =        .00      .00
Total Certified Amount (AF) =     136.33      .00
Total Vested Amount (AF) =      122.76      .00
TOTAL AMOUNT (AF) =      597.49      .00
=====

```

An \* after the source of supply indicates a pending application for change for the file number.  
 An \* after the ID indicates a 15 AF exemption was granted for the file number.  
 A "G" in the Batt column indicates the GEO CTR of a battery. A "B" indicates a well in the battery.  
 The number in the Batt column is the number of wells in the battery.

Water Rights and Points of Diversion Within 2.00 miles of point defined as:

94.707072 West Longitude and 37.469390 North Latitude

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

```

=====
File Number   Use ST SR
A__ 33092 00 MUN NK G
> CITY OF FRONTENAC
> 313 E MCKAY
> PO BOX 1012
> FRONTENAC KS 66762
>-----
A__ 39515 00 MUN NK G
> CITY OF FRONTENAC
> 313 E MCKAY
> PO BOX 1012
> FRONTENAC KS 66762
>-----
A__ 40365 00 MUN NK G
> CITY OF FRONTENAC

```

> 313 E MCKAY  
> PO BOX 1012  
> FRONTENAC KS 66762

>-----  
A\_\_ 43434 00 REC NK G  
> MENGHINI BROS DISTRIBUTORS INC

>  
> 530 E HWY 160  
> FRONTENAC KS 66762

>-----  
A\_\_ 44554 00 MUN LO G  
> CITY OF FRONTENAC  
> 313 E MCKAY  
> PO BOX 1012  
> FRONTENAC KS 66762

>-----  
A\_\_ 49822 00 IND AY G  
> OBRIEN ROCK COMPANY INC  
> DWAYNE OBRIEN  
> PO BOX 217  
> SAINT PAUL KS 66771

>-----  
P\_\_20170085 00 IND GY G  
> OBRIEN ROCK COMPANY INC  
> DWAYNE OBRIEN  
> PO BOX 217  
> SAINT PAUL KS 66771

>-----  
VCR 7 00 MUN AA G  
> CITY OF FRONTENAC  
> 313 E MCKAY  
> PO BOX 1012  
> FRONTENAC KS 66762

>-----  
=====





## ENVIRONMENTAL SERVICES

GEOLOGICAL ENGINEERING SOLUTIONS FOR TODAY'S ENVIRONMENTAL CONCERNS  
P.O. BOX 1507 • PITTSBURG, KS 66762 • (620) 231-5660 • FAX (620) 231-5661  
triad@triad-es.com

4 August 2017

Austin McColloch, Environmental Scientist  
Kansas Department of Agriculture  
Division of Water Resources  
1320 Research Park Drive  
Manhattan, Kansas 66502

WATER RESOURCES  
DIVISION

AUG 07 2017

RE: Support Information for Permit to Appropriate Water for Beneficial Use - (File #49822)  
Dwayne O'Brien – O'Brien Rock Company, Inc.

Dear Austin,

Attached please find the signed map and Kansas Geological Survey in-line records regarding domestic wells within 0.5 miles of the new O'Brien well. Also included is a copy of the WWC-5 (20170085) form filed by the drilling company, Double J Energy.

As to the pump gpm capacity, I've been advised that the only way to bring the capacity to 50 gpm is to replace the pump. Can we discuss other means of addressing the situation?

Thanks for your help.

Sincerely,

Chet D. Hiatt CHMM

cc: D. O'Brien - O'Brien Ready Mix  
File

SCANNED

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

20170085

Well ID

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Crawford Fraction NE 1/4 NW 1/4 NE 1/4 NE 1/4 Section Number 6 Township Number T 30 S Range Number R 25 E W

2 WELL OWNER: Last Name: Obrien First: Dwayne Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: 791 E 590th Frontenac, KS

3 LOCATE WELL WITH 'X' IN SECTION BOX: N, W, E, S, 1 mile. 4 DEPTH OF COMPLETED WELL: 725 ft. 5 Latitude: 37.46909, Longitude: 94.70740, Elevation: 932

7 WELL WATER TO BE USED AS: 1. Domestic, 2. Irrigation, 3. Feedlot, 4. Industrial, 5. Public Water Supply, 6. Dewatering, 7. Aquifer Recharge, 8. Monitoring, 9. Environmental Remediation, 10. Oil Field Water Supply, 11. Test Hole, 12. Geothermal, 13. Other

Was a chemical/bacteriological sample submitted to KDHE? Water well disinfected?

8 TYPE OF CASING USED: Steel, PVC, Other. CASING JOINTS: Glued, Clamped, Welded, Threaded. TYPE OF SCREEN OR PERFORATION MATERIAL: Steel, Stainless Steel, Fiberglass, PVC, Other

9 GROUT MATERIAL: Neat cement, Cement grout, Bentonite, Other. Nearest source of possible contamination: Septic Tank, Lateral Lines, Pit Privy, Livestock Pens, Insecticide Storage

Table with 6 columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Includes a Notes section.

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 6/30/2015

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. KS Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367, Telephone 785-296-3565. Visit us at http://www.kdheks.gov/waterwell/index.html

AUG 07 2017

Form	WWC5
Contractor	Double J Energy
Well Owner	Dwayne Obrien
Doc ID	1358900

Litholgy

0	6	soil
6	20	clay
20	22	shale
22	26	coal
26	48	black shale
48	50	coal
50	101	shale
101	113	sandy shale
113	124	shale
124	129	sand
129	146	shale
146	148	sand
148	150	shale
150	151	sand- oil odor
151	153	sand
153	155	shale
155	212	shale
212	240	sandy shale
240	283	shale
283	308	sand
308	311	shale
311	350	brown limestone
350	460	grey limestone
460	473	chert

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KS DEPT OF AGRICULTURE

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Form	WWC5
Contractor	Double J Energy
Well Owner	Dwayne Obrien
Doc ID	1358900

Litholgy

473	490	brown limestone
490	539	chert
539	566	grey limestone
566	573	shale
573	609	limestone
609	650	limestone & chert
650	690	shale
690	725	limestone

WATER RESOURCES  
RECEIPT

AUG 07 2017

KS DEPT OF AGRICULTURE

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**KGS**  
Hydrology

**Water Well Database Query**

Township: 30S, Range: 25E, Section: 6

Select location of well to view details.

Click on column heading to sort.

**Save Data to File**

One record found.

<u>T-R-S</u>	<u>Owner</u>	<u>Well Depth</u> <u>Ascend.</u> <u>Desc.</u>	<u>Static Water Level</u> <u>Ascend.</u> <u>Desc.</u>	<u>Est. Yield</u> <u>Ascend.</u> <u>Desc.</u>	<u>Well Use</u>	<u>Other ID</u>	<u>Action Taken</u>	<u>Completion Date</u> <u>Ascend.</u> <u>Desc.</u>	<u>Scan?</u>
<u>Sec. 6</u> <u>SE SE</u> <u>SE SE</u>	Family Entertainment Network	315 ft.			Heat Pump (Closed Loop/Disposal), Geothermal		Constructed	01-Oct-2008	<u>PDF</u>

Kansas Geological Survey

Comments to [webadmin@kgs.ku.edu](mailto:webadmin@kgs.ku.edu)

URL=<http://www.kgs.ku.edu/Magellan/WaterWell/index.html>

Display Programs Updated July 2, 2014

Data added continuously.

WATER RESOURCES RECEIVED

AUG 07 2017

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12 records returned.

<u>T-R-S</u>	<u>Owner</u>	<u>Well Depth</u> <u>Ascend.</u> <u>Desc.</u>	<u>Static Water Level</u> <u>Ascend.</u> <u>Desc.</u>	<u>Est. Yield</u> <u>Ascend.</u> <u>Desc.</u>	<u>Well Use</u>	<u>Other ID</u>	<u>Action Taken</u>	<u>Completion Date</u> <u>Ascend.</u> <u>Desc.</u>	<u>Scan?</u>
Sec. 5 SW SE SE	Orrick, Betteanne	14 ft.	1.6 ft.		Monitoring well/observation/piezometer	MW 1	Constructed	23-Jan- 1998	<a href="#">PDF</a>
Sec. 5 SW SE SE	Orrick, Betteanne	19 ft.	4.14 ft.		Monitoring well/observation/piezometer	MW 2	Constructed	23-Jan- 1998	<a href="#">PDF</a>
Sec. 5 SW SE SE	Orrick, Betteanne	20 ft.			Monitoring well/observation/piezometer	MW 5	Constructed	23-Jan- 1998	<a href="#">PDF</a>
Sec. 5 SW SE SE	Orrick, Betteanne	19 ft.	5.88 ft.		Monitoring well/observation/piezometer	MW 3	Constructed	23-Jan- 1998	<a href="#">PDF</a>
Sec. 5 SW SE SE	Orrick, Betteanne	20 ft.			Monitoring well/observation/piezometer	MW 3 R	Constructed	05-Jan- 2007	<a href="#">PDF</a>
Sec. 5 SW SE SE	Orrick, Betteanne	9.31 ft.	2.11 ft.		Monitoring well/observation/piezometer	MW 1	Plugged	16-Dec- 2008	<a href="#">PDF</a>
Sec. 5 SW SE SE	Orrick, Betteanne	18.6 ft.	4.6 ft.		Monitoring well/observation/piezometer	MW 2	Plugged	16-Dec- 2008	<a href="#">PDF</a>
Sec. 5 SW SE SE	Orrick, Betteanne	19.3 ft.	5.9 ft.		Monitoring well/observation/piezometer	MW 5	Plugged	16-Dec- 2008	<a href="#">PDF</a>
Sec. 5 SW SE SE	Orrick, Betteanne	20 ft.	4.76 ft.		Monitoring well/observation/piezometer	MW 4	Constructed	23-Jan- 1998	<a href="#">PDF</a>
Sec. 5 SW SE SE	Orrick, Betteanne	19 ft.			Monitoring well/observation/piezometer	MW 3	Plugged	19-Aug- 2003	<a href="#">Scan</a>
Sec. 5 SW SE SE	Orrick, Betteanne	20 ft.			Monitoring well/observation/piezometer	MW 6	Constructed	05-Jan- 2007	<a href="#">PDF</a>
Sec. 5 SW SE SE	Orrick, Betteanne	20.13 ft.	6.21 ft.		Monitoring well/observation/piezometer	MW 3 R	Plugged	16-Dec- 2008	<a href="#">PDF</a>

AUG 07 2017

Wednesday, August 02, 2017

URL=<http://www.kgs.ku.edu/Magellan/WaterWell/index.html>

Display Programs Updated July 2, 2014

Data added continuously.

WATER RESOURCES  
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AUG 07 2017

KGS DEPT. OF AGRICULTURE  
SCANNED

**KGS**  
**Hydrology**

**Water Well Database Query**

Township: 29S, Range: 25E  
Select location of well to view details.  
Click on column heading to sort.

**Save Data to File**

51 records. Only 50 records displayed at a time--sort will affect ALL records.

View page: 1 || 2

T-R-S	Owner	Well Depth Ascend. Desc.	Static Water Level Ascend. Desc.	Est. Yield Ascend. Desc.	Well Use	Other ID	Action Taken	Completion Date Ascend. Desc.	Scan?
Sec. 1 N2SWNW	ALTERNATE FUELS	60 ft.	0 ft.		Monitoring well/observation/piezometer		Constructed	28-Dec-1984	
Sec. 2 SW NW SW	Alternate Fuels	42 ft.			Monitoring well/observation/piezometer	MW 6	Constructed	29-Dec-1984	<a href="#">PDF</a>
Sec. 2 SW NW SW	Alternate Fuels	42 ft.	25 ft.		Monitoring well/observation/piezometer	MW 6	Plugged	07-Sep-1999	<a href="#">PDF</a>
Sec. 2 S2 SE	George, Robert	128 ft.	12 ft.	20 gpm.	Domestic		Constructed	06-Sep-2000	<a href="#">PDF</a>
Sec. 3 SE NW	Alternate Fuels	45 ft.	18 ft.		Monitoring well/observation/piezometer	MW 2	Plugged	07-Sep-1999	<a href="#">PDF</a>
Sec. 4 S2 NE SE	Alternate Fuels	45 ft.			Monitoring well/observation/piezometer	MW 5	Constructed	29-Dec-1984	<a href="#">PDF</a>
Sec. 4 NE NE	Alternate Fuels	45 ft.			Monitoring well/observation/piezometer		Constructed	23-Nov-1984	<a href="#">PDF</a>
Sec. 4 NE NE	Alternate Fuels	45 ft.	20 ft.		Monitoring well/observation/piezometer	MW 3	Plugged	07-Sep-1999	<a href="#">PDF</a>
Sec. 5 SW SW SW	Hale Petroleum	11.5 ft.			Monitoring well/observation/piezometer	B 2	Constructed	19-Nov-1992	<a href="#">PDF</a>
Sec. 5 SW SW SW	Hale Petroleum	8 ft.			Monitoring well/observation/piezometer	MW 8	Constructed	27-May-2008	<a href="#">PDF</a>
Sec. 5 SW SW SW	Hale Petroleum	11.5 ft.			Monitoring well/observation/piezometer	B 1	Constructed	19-Nov-1992	<a href="#">PDF</a>
Sec. 5 SW SW SW	Hale Petroleum	9 ft.			Monitoring well/observation/piezometer	MW 9	Constructed	27-May-2008	<a href="#">PDF</a>
Sec. 5 SW SW SW	Hale Petroleum	10 ft.	8.85 ft.		Monitoring well/observation/piezometer	MW 7	Constructed	04-Dec-2007	<a href="#">PDF</a>
Sec. 5 SW SW SW	Hale Petroleum	12.2 ft.	6.58 ft.		Monitoring well/observation/piezometer	MW 1	Constructed	04-Dec-2007	<a href="#">PDF</a>
Sec. 5 SW SW SW	Hale Petroleum	8.5 ft.			Monitoring well/observation/piezometer	MW 4	Constructed	27-May-2008	<a href="#">PDF</a>
	Hale Petroleum	11 ft.	7.05 ft.		Monitoring well/observation/piezometer	MW 2	Constructed	04-Dec-2007	<a href="#">PDF</a>

WATER RESOURCES  
AUG 07 2017  
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Sec. 5 SW SW SW									
Sec. 5 SW SW SW	Hale Petroleum	10.7 ft.			Monitoring well/observation/piezometer	MW 3	Constructed	04-Dec- 2007	<a href="#">PDF</a>
Sec. 5 NW NW	Brown, Frances	15 ft.	6 ft.		Domestic		Plugged	01-Apr- 2004	<a href="#">PDF</a>
Sec. 5 SW SW SW	Hale Petroleum	10 ft.			Monitoring well/observation/piezometer	MW 5	Constructed	04-Dec- 2007	<a href="#">PDF</a>
Sec. 6 NE NE NE	Anselmi, Kevin	15 ft.			Monitoring well/observation/piezometer	MW 5	Constructed	28-Jan- 1998	<a href="#">PDF</a>
Sec. 6 NE NE NE	Anselmi, Kevin	15 ft.			Monitoring well/observation/piezometer	MW 6	Plugged	04-Dec- 2003	<a href="#">PDF</a>
Sec. 6 SE SE SE	Hale Petroleum	12.5 ft.	5.9 ft.		Monitoring well/observation/piezometer	MW 6	Constructed	04-Dec- 2007	<a href="#">PDF</a>
Sec. 6 NE NE NE	Anselmi, Kevin	15 ft.			Monitoring well/observation/piezometer	MW 6	Constructed	28-Jan- 1998	<a href="#">PDF</a>
Sec. 6 NE NE NE	Anselmi, Kevin	15 ft.			Monitoring well/observation/piezometer	MW 5	Plugged	04-Dec- 2003	<a href="#">PDF</a>
Sec. 8 NW NE SE	Hencey, Richard A.	100 ft.	8 ft.		Lawn and Garden - domestic only		Constructed	15-Jun- 1988	<a href="#">PDF</a>
Sec. 11 SE SW NE	Alternate Fuels	70 ft.			Monitoring well/observation/piezometer	MW 7	Constructed	23-Dec- 1984	<a href="#">PDF</a>
Sec. 11 SE SW NE	Alternate Fuels	70 ft.	60 ft.		Monitoring well/observation/piezometer	MW 7	Plugged	07-Sep- 1999	<a href="#">PDF</a>
Sec. 12 SE NE NW NE	Massa Cattle Co., Inc	555 ft.	240 ft.	65 gpm.	Domestic, Livestock		Constructed	13-Sep- 2016	<a href="#">KOLAR PDF</a>
Sec. 18 NE SE	VanBecelaere, Scott	15 ft.	8 ft.		Domestic	well 1	Plugged	10-Jul- 2000	<a href="#">PDF</a>
Sec. 18 NE SE	VanBecelaere, Scott	15 ft.	10 ft.		Domestic	well 4	Plugged	10-Jul- 2001	<a href="#">PDF</a>
Sec. 18 NE SE	VanBecelaere, Scott	15 ft.	9 ft.		Domestic	well 2	Plugged	10-Jul- 2000	<a href="#">PDF</a>
Sec. 18 NE SE	VanBecelaere, Scott	5 ft.			Domestic	well 6	Plugged	10-Jul- 2000	<a href="#">PDF</a>
Sec. 18 NE SE	VanBecelaere, Scott	15 ft.	10 ft.		Domestic	well 3	Plugged	10-Jul- 2000	<a href="#">PDF</a>
Sec. 18 NE SE	VanBecelaere, Scott	10 ft.	5 ft.		Domestic	well 5	Plugged	10-Jul- 2000	<a href="#">PDF</a>
Sec. 20 SW SW SW	Elnicki, Rick	50 ft.			Monitoring well/observation/piezometer		Plugged	10-May- 1996	<a href="#">PDF</a>

Sec. 20 SW NW SW					Monitoring well/observation/piezometer			10-May-1996	
Sec. 20 SW SE SE	Elnicki, Rick	40 ft.			Monitoring well/observation/piezometer		Plugged	10-May-1996	<a href="#">PDF</a>
Sec. 20 SE SE NW	Elnicki, Rick	30 ft.			Monitoring well/observation/piezometer		Plugged	10-May-1996	<a href="#">PDF</a>
Sec. 20 SE SE SE	Elnicki, Rick	35 ft.			Monitoring well/observation/piezometer		Plugged	10-May-1996	<a href="#">PDF</a>
Sec. 21 SE SW SW		17.9 ft.			Monitoring well/observation/piezometer	MW 11	Constructed	15-Aug-1995	<a href="#">PDF</a>
Sec. 21 NE SE SW		19.5 ft.			Monitoring well/observation/piezometer	MW 12	Constructed	15-Aug-1995	<a href="#">PDF</a>
Sec. 21 NW SE SW	Crawford County Kansas	20 ft.	17 ft.		Monitoring well/observation/piezometer	GW 12 R	Constructed	22-Jul-2013	<a href="#">PDF</a>
Sec. 21 NW SE SW	Crawford County Kansas	22.75 ft.	19.36 ft.		Monitoring well/observation/piezometer	GW 12	Plugged	22-Jul-2013	<a href="#">PDF</a>
Sec. 23 C NE NE	Wotjan, Adele	12 ft.	12 ft.		Domestic		Plugged	29-Dec-1994	<a href="#">PDF</a>
Sec. 28 SW NE NW	Crawford County Kansas	50.22 ft.	18.46 ft.		Monitoring well/observation/piezometer	GW 5	Plugged	22-Jul-2013	<a href="#">PDF</a>
Sec. 28 NW NW NW	Crawford County Kansas	25.32 ft.	14.02 ft.		Monitoring well/observation/piezometer	GW 4	Plugged	22-Jul-2013	<a href="#">PDF</a>
Sec. 28 NE NW NE		34.7 ft.			Monitoring well/observation/piezometer	MW 13	Constructed	18-Jul-1995	<a href="#">PDF</a>
Sec. 28 NW SW NW		19.9 ft.			Monitoring well/observation/piezometer	MW 9	Constructed	19-Jul-1995	<a href="#">PDF</a>
Sec. 28 NW NW NW		7.5 ft.			Monitoring well/observation/piezometer	MW 10	Constructed	19-Jul-1995	<a href="#">PDF</a>
Sec. 28 NW NW NE	Crawford County Kansas	27.6 ft.			Monitoring well/observation/piezometer	GW 6	Plugged	22-Jul-2013	<a href="#">PDF</a>

View page: 1 || 2

Kansas Geological Survey

Comments to [webadmin@kgs.ku.edu](mailto:webadmin@kgs.ku.edu)

URL=<http://www.kgs.ku.edu/Magellan/WaterWell/index.html>

Display Programs Updated July 2, 2014

Data added continuously.

WATER RESOURCES  
SECTION

AUG 07 2017

KS DEPT OF AGRICULTURE  
SCANNED

**KGS**  
**Hydrology**

**Water Well Database Query**

Township: 29S, Range: 25E  
Select location of well to view details.  
Click on column heading to sort.

**Save Data to File**

51 records. Only 50 records displayed at a time--sort will affect ALL records.

View page: 1 || **2**

<b>T-R-S</b>	<u>Owner</u>	<u>Well Depth</u> <u>Ascend.</u> <u>Desc.</u>	<u>Static Water Level</u> <u>Ascend.</u> <u>Desc.</u>	<u>Est. Yield</u> <u>Ascend.</u> <u>Desc.</u>	<u>Well Use</u>	<u>Other ID</u>	<u>Action Taken</u>	<u>Completion Date</u> <u>Ascend.</u> <u>Desc.</u>	<u>Scan?</u>
<u>Sec. 29</u> <u>SW NW</u> <u>NW SW</u>	Dixon, Mike	250 ft.		6 gpm.	Geothermal, Closed Loop, Vertical		Constructed	05-May- 2016	<u>KOLAR</u> <u>PDF</u>

View page: 1 || **2**

Kansas Geological Survey  
Comments to [webadmin@kgs.ku.edu](mailto:webadmin@kgs.ku.edu)  
URL=<http://www.kgs.ku.edu/Magellan/WaterWell/index.html>  
Display Programs Updated July 2, 2014  
Data added continuously.

WATER RESOURCES  
RECEIVED

AUG 07 2017

DEPT. OF AGRICULTURE

SCANNED

49822



GEOLOGICAL ENGINEERING SOLUTIONS FOR TODAY'S ENVIRONMENTAL CONCERNS  
P.O. BOX 1507 • PITTSBURG, KS 66762 • (620) 231-5660 • FAX (620) 231-5661  
triad@triad-es.com

**ENVIRONMENTAL SERVICES**

11 April 2017

**WATER RESOURCES  
RECEIVED**

**APR 14 2017**

**KS DEPT OF AGRICULTURE**

Chief Engineer  
Kansas Department of Agriculture  
Division of Water Resources  
1320 Research Park Drive  
Manhattan, Kansas 66502

RE: Application for Temporary Permit  
Application for Permit to Appropriate Water for Beneficial Use

Dear Madam or Sir,

On behalf of our Client, O'Brien Rock Company, Inc., enclosed please find a completed Notice Application for Temporary Permit, an Application for Permit to Appropriate Water for Beneficial Use, and appropriate fees for a groundwater well at our Frontenac Ready-Mix Plant (SE/4, Section 13, T34S, R25E, Crawford County, Kansas). Also included are a location map, well records of the closest wells, and the nearest PWS well records.

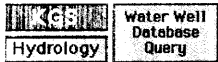
Thank you for your time and cooperation in this matter. If you have any questions, please call.

Respectfully,

Chet D. Hiatt CHMM

cc: D. O'Brien - O'Brien Rock Company, Inc.  
File

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Specific Water Well Detail

**Well T30S, R24E, Sec. 2, SE SE SE, Action: Constructed**

<b>Location Info</b>	
Owner: RWDS 7 Crawford County	Status: Constructed
Location: T30S, R24E, Sec. 2, SE SE SE	County: Crawford
<b>Directions:</b>	
Longitude: -94.7425045	Latitude: 37.4558683
Datum NAD 27	
Longitude and latitude calculated by Survey from township-range-section-quarter calls. Only good to within the quarter call accuracy.	
View info from WIMAS Water Right Data base... This link will create a new window and display an interactive map of this well and its neighbors.	
<b>General Info</b>	
Well Depth: 1055 ft.	Elevation: 950 ft.
Static Water Level: 260 ft.	Est. Yield: 800 gpm.
Comp. Date: 01-Feb-1984	Well Use: Public Water Supply
DWR Applic. #: 36,950	Other ID:
<b>Links</b>	
No Wizard information available.	
<a href="#">View info from WIMAS Water Right Data base...</a>	
<b>Driller Info</b>	
Driller: Clint's Rotary Drilling Company, Inc.	License #: 453
<b>Scanned Form</b>	
<a href="#">View scan of this form in PDF format.</a>	
You will need the <a href="#">Adobe Acrobat Reader</a> , available free from Adobe, to read this file.	
Chemical Sample Submitted?: Yes	
<b>Casing Info</b>	
Casing Type: STEEL	
Diam: 16 in. to 25 ft.	
Diam: 10 in. to 720 ft.	
Diam: 0 in. to 0 ft.	
<b>Grout Info</b>	
Grout used: NEAT CEMENT	
From: 0 to 720 ft.	
From: 0 to 0 ft.	
From: 0 to 0 ft.	
<b>Source of Possible Contamination</b>	
Source: none	
Direction from well:	Distance: 0
<b>Screen and Perforation Info</b>	
Screen Type: OTHER	Screen Openings: OTHER
From: 0 ft. to 0 ft.	From: 0 ft. to 0 ft.
From: 0 ft. to 0 ft.	From: 0 ft. to 0 ft.
<b>Lithologic Log</b>	
(0 = data not edited or checked by the KGS.)	
From: 0 ft. to 1 ft.	Type: CLAY
From: 1 ft. to 15 ft.	Type: COAL
From: 15 ft. to 265 ft.	Type: SHALE
From: 265 ft. to 290 ft.	Type: SANDSTONE
From: 290 ft. to 355 ft.	Type: SHALE
From: 355 ft. to 655 ft.	Type: LIMESTONE
From: 655 ft. to 685 ft.	Type: SHALE & LIMESTONE
From: 685 ft. to 687 ft.	Type: SHALE

Kansas Geological Survey  
 Comments to webadmin@kgs.ku.edu  
 URL: http://www.kgs.ku.edu/Magellan/WaterWell/index.html  
 Display Programs Updated July 2, 2014  
 Data added continuously.

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LOCATION OF WATER WELL: County: <u>Crawford</u>	Fraction <u>SE 1/4 SE 1/4 SE 1/4</u>	Section Number <u>2</u>	Township Number <u>T 30 S</u>	Range Number <u>R 24 EW</u>
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Distance and direction from nearest town or city street address of well if located within city?

WATER WELL OWNER: RWDS #7 Crawford County

Address: Girard, Kansas

City, State, ZIP Code

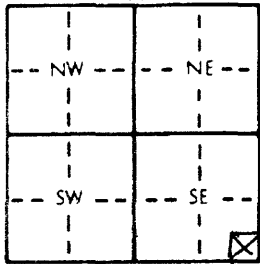
Board of Agriculture, Division of Water Resources

Application Number: 36,950

LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

DEPTH OF COMPLETED WELL: 1055' ft. ELEVATION: 950' ft.

Depth(s) Groundwater Encountered: 1 1gpm - 15' 2 50gpm - 695' 3 200-755'  
 WELL'S STATIC WATER LEVEL: 250' ft. below land surface measured on mo/day/yr 2/1/84



Pump test data: Well water was ... ft. after ... hours pumping ... gpm

Est. Yield 300 gpm: Well water was ... ft. after ... hours pumping ... gpm

Bore Hole Diameter: ... in. to ... ft., and ... in. to ... ft.

WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well

Was a chemical/bacteriological sample submitted to Department? Yes X No ... If yes, mo/day/yr sample was submitted Jan. 1984

TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded X

Blank casing diameter: 10 in. to 25 ft., Dia. 10 in. to 720 ft., Dia. ... in. to ... ft.

Casing height above land surface: 24 in., weight 40 1/2 lbs./ft. Wall thickness or gauge No. 365

TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement 11 Other (specify)

SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From ... ft. to ... ft., From ... ft. to ... ft.

GRAVEL PACK INTERVALS: From ... ft. to ... ft., From ... ft. to ... ft.

GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other

Grout intervals: From 0 ft. to 720 ft., From ... ft. to ... ft., From ... ft. to ... ft.

What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water well

1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well

2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)

3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	14	Overburden	785	830	Tan and white lime
14	15	Coal	830	945	Tan lime with gray chert
15	22	Sandy shale	945	1025	Gray lime with gray chert
22	50	Gray shale	1025	1040	White sand
50	65	Black shale	1040	1055	Gray lime
65	265	Gray sandy shale			
265	290	Tan sandstone			
290	355	Gray shale			
355	465	Tan lime with gray chert			
465	655	White-gray lime with gray chert			
655	685	White-gray lime with gray shale			
685	687	Green shale			
687	740	White lime			
740	755	Brown lime			
755	785	Gray lime and chert			

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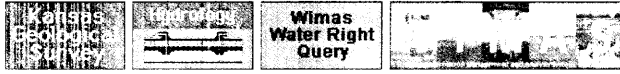
CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) February 1, 1984 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 453

This Water Well Record was completed on (mo/day/yr) 2/28/84 for the business name of Clint's Rotary Drilling Company by (signature) Clint J. Hays

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. WATER WELL OWNER and retain one for your records.

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OFFICE USE ONLY T H EW SEC 1/4 1/4 1/4



WIMAS Point of Diversion Information Sheet

Water Right Information represents conditions as of 04/05/2017.

Information shown on this page depends on the water right(s) and their Type(s) of Use associated with a PD. If there are multiple water rights and types of use, the page will update details, quantity and rate, and reported water use depending on which entry is selected from those list boxes.

Because water rights can overlap both in points of diversion and places of use (which in turn can affect the authorized quantities and rate) AND water usage is often aggregated into a single report, you cannot determine if a water right has reported more water use than authorized from this page only.

By using this page directly, you agree to the responsibilities and use limitations of the WIMAS program, as specified by its .

**Point of Diversion**  
 PD: 2-30S-24E 2 2 Water Right(s): 36950 - 00 1 Type(s) of Use: MUN  
**WWC5 Links:** **WIZARD Link:** None

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**Water Right Details**  
 Source: G Right Type: A Total Acres Authorized: Net Acres Authorized: 0 Use of Water Active: Y  
 Water Right Status: NK Place(s) of Use: 12-29S-24E 1 (active)  
 Priority Date: 12/29/1983 Action Trail: 12/29/1983- PENDING INITIAL REVIEW

---

**Point of Diversion Details**  
 PD Active: Y Feet North: 600 Feet West: 70 Qualifiers: SE SE SE County: CRAWFORD  
 GMD Num: Number of Wells: 1 Subbasin: SPRING RIVER Stream Number:  
 Special Use Area(s): Comment: SE SE SE

---

**Authorized Quantity & Rate**  
 Quantity Stored By: Water Right Authorized Quantity (AF): 85.929 Net Quantity (AF): 85.929  
 Rate Stored By: Water Right Authorized Rate (GPM): 235 Net Rate (GPM): 235

---

**Reported Water Use** Graph Water Use History  
 Water Use Year(s): 2015 Total Water Used (AF): 0.00 Acres Irrigated:  
 Water Use Reported on Right Num: Reel Number: 94 Blip Number: 2004  
 Metered Quantity: Meter Unit: Depth to Water: Depth of Well:  
 Beginning Meter Reading: Ending Meter Reading:  
 System Type: Hours Pumped: Pump Rate: Date of Measurement:  
 Date Report Received: 02/25/2016 Chemigation Indicator: Water Use Code: 5 Crop Code:  
 Current Water Use Correspondent(s): CRAWFORD RWD 01 CONSOLIDATED

Print ASCII Report

**Reported Water Use History for Water Right 36950 - 00, Pd 2-30S-24E 2 and Use MUN**

Year	AF Used	1997	207.59	2011	45.79
1984	49.09	1998	191.85	2012	47.91
1985	110.95	1999	138.93	2013	0.00
1986	144.96	2000	145.42	2014	0.00
1987	129.35	2001	226.90	2015	0.00
1988	142.47	2002	113.74		
1989	158.16	2003	141.01		
1990	139.29	2004	319.74		
1991	169.65	2005	267.81		
1992	0.00	2006	0.00		
1993	148.92	2007	0.00		
1994	129.81	2008	0.00		
1995	129.68	2009	0.00		
1996	131.06	2010	0.00		

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**KANSAS DEPT OF AGRICULTURE**





Hydrology

Water Well  
Database  
Query

Township: 30S, Range: 24E, Section: 32

Select location of well to view details.

Click on column heading to sort.

---

Township: 30S. Range: 24E. Section: 32

**No data was returned from the query. There are no wells in the database from that area.**

Select Again

---

Kansas Geological Survey

Comments to [webadmin@kgs.ku.edu](mailto:webadmin@kgs.ku.edu)

URL=<http://www.kgs.ku.edu/Magellan/WaterWell/index.html>

Display Programs Updated July 2, 2014

Data added continuously.

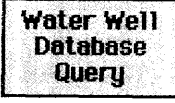
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Township: 30S, Range: 24E, Section: 31

Select location of well to view details.

Click on column heading to sort.

---

Township: 30S, Range: 24E, Section: 31

**No data was returned from the query. There are no wells in the database from that area.**

Select Again

---

Kansas Geological Survey

Comments to [webadmin@kgs.ku.edu](mailto:webadmin@kgs.ku.edu)

URL=<http://www.kgs.ku.edu/Magellan/WaterWell/index.html>

Display Programs Updated July 2, 2014

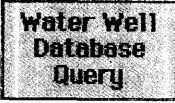
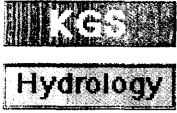
Data added continuously.

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Township: 30S, Range: 25E, Section: 6



Select location of well to view details.  
Click on column heading to sort.

One record found.

T-R-S	Owner	Well Depth	Static Water Level	Est. Yield	Well Type	Well Status	Completion Date	Scan?
Sec. 6 SE SE SE SE	Family Entertainment Network	315 ft.			Heat Pump (Closed Loop/Disposal), Geothermal	Constructed	01-Oct-2008	PDF

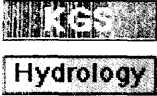
Kansas Geological Survey  
 Comments to [webadmin@kgs.ku.edu](mailto:webadmin@kgs.ku.edu)  
 URL=<http://www.kgs.ku.edu/Magellan/WaterWell/index.html>  
 Display Programs Updated July 2, 2014  
 Data added continuously.

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Township: 30S, Range: 25E, Section: 5

Select location of well to view details.

Click on column heading to sort.



12 records returned.

T-R-S	Name	Well Depth	Static Water Level	Est. Yield	Remarks	Well ID	Status	Completion Date	Scan?
Sec. 5 SW SE	Orrick, Betteanne	14 ft.	1.6 ft.		Monitoring well/observation/piezometer	MW 1	Constructed	23-Jan-1998	<a href="#">PDF</a>
Sec. 5 SW SE	Orrick, Betteanne	19 ft.	4.14 ft.		Monitoring well/observation/piezometer	MW 2	Constructed	23-Jan-1998	<a href="#">PDF</a>
Sec. 5 SW SE	Orrick, Betteanne	20 ft.			Monitoring well/observation/piezometer	MW 5	Constructed	23-Jan-1998	<a href="#">PDF</a>
Sec. 5 SW SE	Orrick, Betteanne	19 ft.	5.88 ft.		Monitoring well/observation/piezometer	MW 3	Constructed	23-Jan-1998	<a href="#">PDF</a>
Sec. 5 SW SE	Orrick, Betteanne	20 ft.			Monitoring well/observation/piezometer	MW 3 R	Constructed	05-Jan-2007	<a href="#">PDF</a>
Sec. 5 SW SE	Orrick, Betteanne	9.31 ft.	2.11 ft.		Monitoring well/observation/piezometer	MW 1	Plugged	16-Dec-2008	<a href="#">PDF</a>
Sec. 5 SW SE	Orrick, Betteanne	18.6 ft.	4.6 ft.		Monitoring well/observation/piezometer	MW 2	Plugged	16-Dec-2008	<a href="#">PDF</a>
Sec. 5 SW SE	Orrick, Betteanne	19.3 ft.	5.9 ft.		Monitoring well/observation/piezometer	MW 5	Plugged	16-Dec-2008	<a href="#">PDF</a>
Sec. 5 SW SE	Orrick, Betteanne	20 ft.	4.76 ft.		Monitoring well/observation/piezometer	MW 4	Constructed	23-Jan-1998	<a href="#">PDF</a>
Sec. 5 SW SE	Orrick, Betteanne	19 ft.			Monitoring well/observation/piezometer	MW 3	Plugged	19-Aug-2003	<a href="#">Scan</a>
Sec. 5 SW SE	Orrick, Betteanne	20 ft.			Monitoring well/observation/piezometer	MW 6	Constructed	05-Jan-2007	<a href="#">PDF</a>
Sec. 5 SW SE	Orrick, Betteanne	20.13 ft.	6.21 ft.		Monitoring well/observation/piezometer	MW 3 R	Plugged	16-Dec-2008	<a href="#">PDF</a>



1320 Research Park Drive  
Manhattan, Kansas 66502  
Jackie McClaskey, Secretary

Phone: (785) 564-6700  
Fax: (785) 564-6777  
Email: ksag@kda.ks.gov  
www.agriculture.ks.gov  
Sam Brownback, Governor

April 14, 2017

**FILE COPY**

DWAYNE O'BRIEN  
PO BOX 217  
ST PAUL KS 66771

RE: Application  
File No. 49822

Dear Sir or Madam:

Your application for permit to appropriate water in 06-30S-25 in Crawford County, was received and has been assigned the file number noted above.

As a matter of record, the Division of Water Resources has on hand a large number of applications awaiting processing. Therefore to be fair to all concerned, and so that we can process those applications on hand in the order they were received, we intend to concentrate on the backlog of applications until the issue is resolved. Once review of your application has begun, we will contact you, if additional information is required.

In accordance with the provisions of the Kansas Water Appropriation Act, a portion of which is included below, the use of water as proposed prior to approval of the application is unlawful. Once approved, compliance with the terms, conditions and limitations of the permit is necessary. Conservation of the water resources of Kansas is required.

**Section 82a-728 of the Kansas Water Appropriation Act, provides (a) except for the appropriation of water for the purpose of domestic use, . . . it shall be unlawful for any person to appropriate or threaten to appropriate water from any source without first applying for and obtaining a permit to appropriate water in accordance with the provisions of the Water Appropriation Act or for any person to violate any condition of a vested right, appropriation right or an approved application for a permit to appropriate water for beneficial use.**

**(b) (1) The violation of any provision of this section by any person is a class C misdemeanor . . .**

**A class C misdemeanor is punishable by a fine not to exceed \$500 and/or a term of confinement not to exceed one month in the county jail. Each day that the violation occurs constitutes a separate offense.**

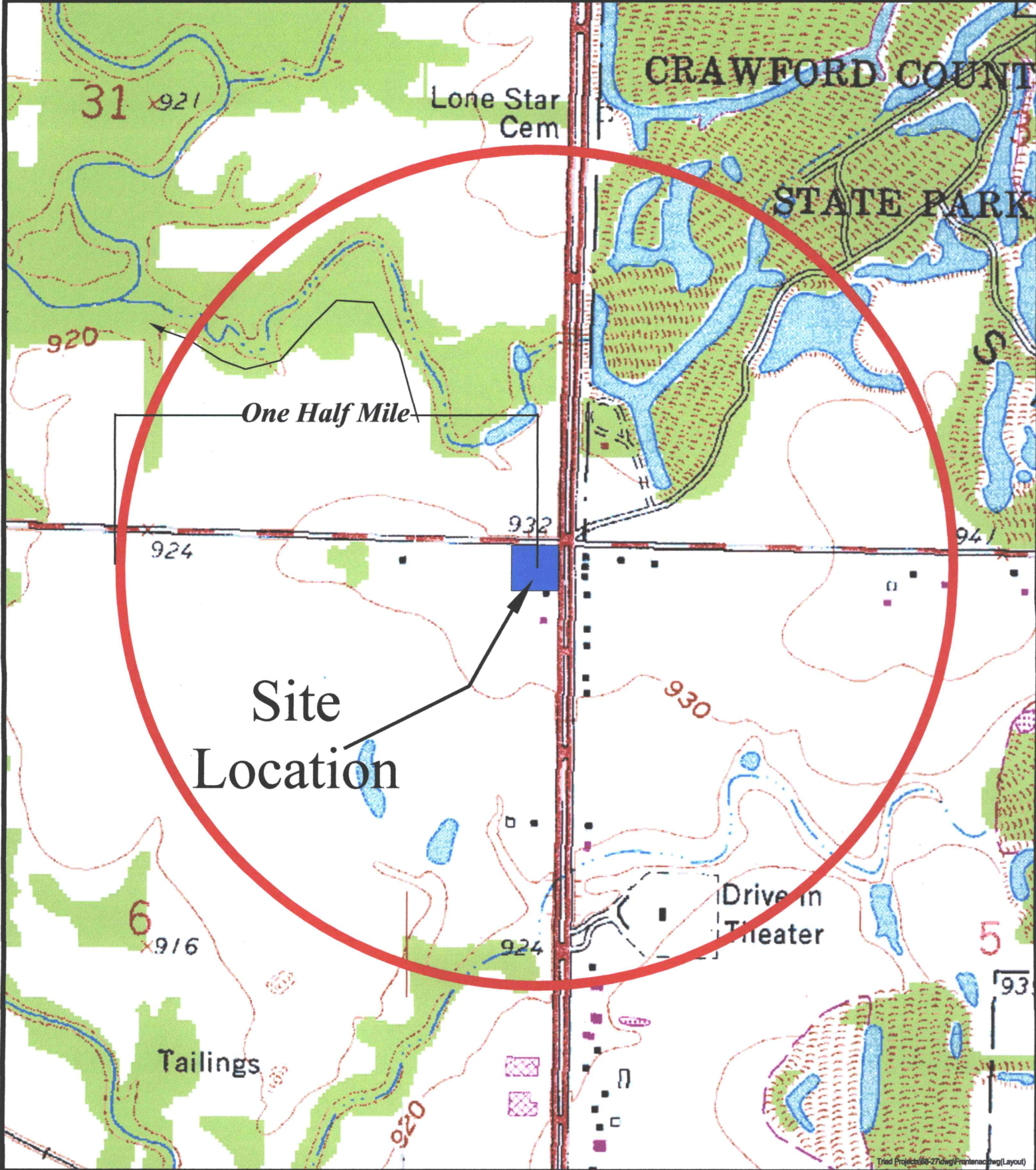
If you have any questions, please contact me at (785) 564-6645. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Brent A Turney, P.G.  
Change Application Unit Supervisor  
Water Appropriation Program

BAT: dlw  
pc: TOPEKA Field Office  
GMD

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Well location: Lat - 37.4691; Long --94.7075°

No known domestic-use wells within 0.5 miles of O'Brien Ready Mix well.

*Dwayne O'Brien*  
 Dwayne O'Brien for O'Brien Ready Mix

8/3/17  
 Date

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AUG 07 2017

KS DEPT OF AGRICULTURE

**O'Brien Ready Mix**  
 Frontenac Facility  
 PERMIT NO. I-NE27-PRO1  
 SITE MAP

NE 1/4, Sec. 6, T. 30 S., R. 25 E., Crawford County, Ks.

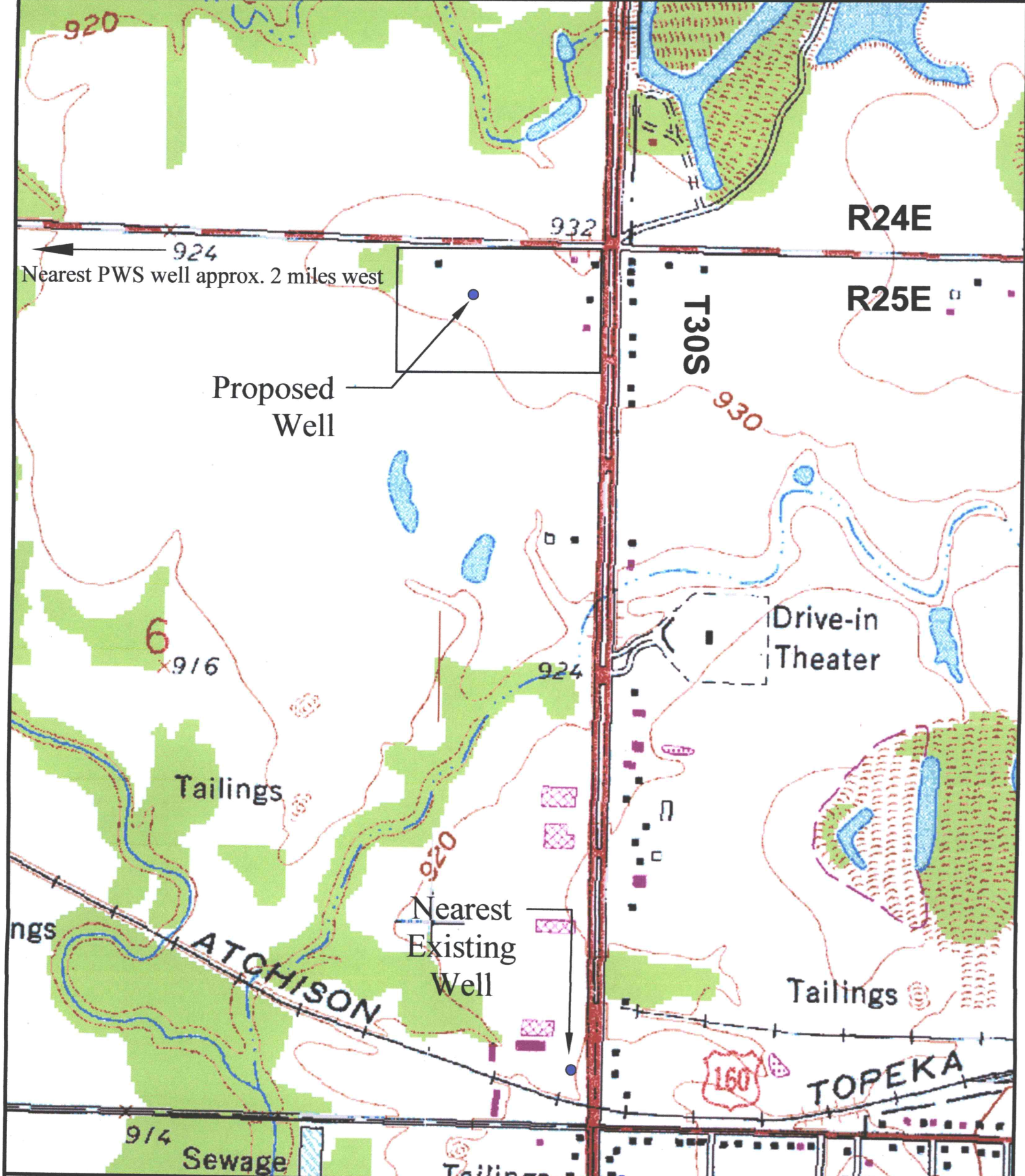
drawn by  
 MKM

date  
 07/2012

Triad Environmental Services  
 P.O. Box 1587  
 Pittsburg, KS 66762  
 (620) 231-5660  
 Fax: (620) 231-5661



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O'Brien Rock Company, Inc.  
Frontenac Ready Mix Plant  
Frontenac, Kansas

drawn by  
cdh

date  
04/2017

Triad Environmental Services  
P.O. Box 1507  
Pittsburg, KS 66762  
(620) 231-6666  
Fax (620) 231-6661



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