Mon.

| FOR KOR LIEF   |  |  |   |
|--|--|--|---|
| FOR KCC USE:   | CONDECTE   |  | FORM CB-1 12/93   |
| 5  | - 2. OS CORRECTEU  |  | FORM MUST BE TYPED  |
|  |  |  | FORM MUST BE SIGNED   |
| DISTRICT # 1   | CATHODIC PROTECTION BOR  |  | ALL BLANKS MUST BE FILLED IN  |
| SCA?YesX.No  | Must be approved by the K.C.C. sixty (6  |  |   |
| Expected Spud (Starting)   | Date5-1605 NE  | Spot (Location) 9/9/9<br>- SE - SE - NE sec 20   | Tun 31S s Rg 31W-Xuest  |
|  | month day year   | 2145 feet fr   | om South / forth ine of Section com(tast) / West line of Section  |
| OPERATOR: License #3   | 2119   | 80' feet fr  | om/East)/ West line of Section  |
|  |  | (Circle directions from r  | earest outside corner boundarys)  |
| Name:Northe  | en.Natural Gas Coouth 103rd St   | IS SECTION REGULAR   | 1RREGULAR?  |
|  |  | (Spot well on the Section  | on Plat on Reverse Side)  |
| City/State/Zip: Qmah   | a,NE68013  | County:Seward.   |   |
| Duan   | e Moody  | Inache   |   |
|  |  | Lease Name: A STOR 9   |   |
| Phone: 402-  | 398-7843   | Facility Name: Tacoh   | sWell.#2,   |
| 11101101   |  |  | 2.809 MSL   |
|  |  | Cathodic Borehole Total De   | pth160! ft.   |
| CONTRACTOR: License #:   | 32775 V  | Depth to Bedrock   |   |
|  |  |  | INFORMATION:  |
| Name: McLea  | ns CP Installation, Inc.   | Aquifer Penetration: . 🔀   | None Single Hultiple  |
|  |  |  | vater: 1801/600   |
| Type Drilling Equipmen   | 13   | •  | water:  |
| CONSTRUCTION   | Air Rotary Other   |  | rter mile: yesX. no   |
|  | ace (Non-Metallic) Casing  | Water Source for Drilling  | vithin one mile: yes 🔭 no   |
|  |  | -  | pond stream X other   |
| Length of Conductor pipe   | e (if any?):   |  |   |
| 17 1/2" - 20   | 0'_ 10" - 140'   | ***************************************  |   |
| Size of the borehole (I  | .D.): 4 inches   |  | ,   |
|  | size:inches  |  | (SDR) is =26  |
|  | centralizers set at depths of: 20.;  | (cathodic surface 00 csg.  | in inches / MWI in inches = SDR)  |
| ;;; -  | ; ; ; ;;;  | Annulas annu basuus bas  | shall and social will be assumed  |
| Cathodic surface casing  | will terminate at:   | with: Concrete   | ehole and casing will be grouted Bentonite Cement   |
| Above surface  | Surface Vault - X . Below Surface Vault  |  | nt Bentonite clay   |
| Pitless casing adaptor   | will be used: You Wast Dooth ft  | Anoda was sine will be   | set at: .3 ft. above surface  |
| rittess casing adaptor   | will be used: Yes Wo at Depthft.   | Anode vent pipe witt be  | set at: it. above surface   |
| Anode installation dept  | hs are: .148; .139; 130; 121;  |  | SC2   |
| 1.12. : 103 : 9A. :  | 85.; .76; .67; 58.; 49.;;  |  | l) material TYPE:\$C.2  |
| , ,  | ,, ,, ,, ,, ,,   | Depth to BASE of Backfill  | installation material:160   |
| Non-Adulfer Completion. Max Total Depth = 1/0/34 Depth to TOP of Backfill installation material:3U   |  |  | installation material:30!   |
| depth of boring must be a minimum of 20' above the top of groundwater. AFFIDAVIT MAX TD < 160'   |  |  |   |
| a total door of the total and the  | num of 20' above the top of groundwater.   | T MAXTA  | e 160'  |
| ig total depth must be reduced it  | num of 20' above the top of groundwater. AFFIDAVI groundwater is encountered.  | _  |   |
| The undersigned hereby a   | num of 20' above the top of groundwater.  AFFIDAVI groundwater is encountered.  ffirms that the drilling, completion and ev  | entual plugging of this well   |   |
| The undersigned hereby a et. seq. It is agreed   | num of 20' above the top of groundwater.  AFFIDAVI groundwater is encountered.  ffirms that the drilling, completion and ev that the following minimum requirements wi   | rentual plugging of this well<br>ll be met:  | will comply with K.S.A. 55-101,   |
| The undersigned hereby a et. seq. It is agreed  1. Notify the appro  | num of 20' above the top of groundwater.  AFFIDAVI groundwater is encountered.  If irms that the drilling, completion and even that the following minimum requirements with the following minimum requirements with the following minimum requirements with the following minimum requirements.  | rentual plugging of this well<br>ll be met:  | will comply with K.S.A. 55-101,   |
| The undersigned hereby a et. seq. It is agreed  1. Notify the appropriate to the appropriate agreed at the appropriate agreement of the agreement and the agreement ag | num of 20' above the top of groundwater. groundwater is encountered.  ffirms that the drilling, completion and even that the following minimum requirements without district office prior to spudding opproved notice of intent to drill shall be unt of cathodic surface casing as specified.   | rentual plugging of this well<br>ll be met:<br>of and again before plugging<br>posted on each drilling rig<br>d below shall be set by grou   | will comply with K.S.A. 55-101,  well;  iting to the top.   |
| The undersigned hereby a et. seq. It is agreed  1. Notify the appropriate the property of the appropriate the minimum amount.  4. An agreement between the property of the appropriate the minimum amount.   | num of 20' above the top of groundwater. groundwater is encountered.  ffirms that the drilling, completion and even that the following minimum requirements without the following minimum requirements without district office prior to spudding opproved notice of intent to drill shall be unto of cathodic surface casing as specified tween the operator and the district office   | rentual plugging of this well<br>ll be met:<br>of and again before plugging<br>posted on each drilling rig<br>d below shall be set by grou<br>on plugs and placement is n  | will comply with K.S.A. 55-101,  well; ; iting to the top. ecessary prior to plugging;  |
| The undersigned hereby a et. seq. It is agreed  1. Notify the appropriate 2. A copy of the ap 3. The minimum amount 4. An agreement bet 5. The appropriate   | num of 20' above the top of groundwater. groundwater is encountered.  ffirms that the drilling, completion and even that the following minimum requirements without district office prior to spudding opproved notice of intent to drill shall be unt of cathodic surface casing as specified.   | rentual plugging of this well<br>ll be met:<br>of and again before plugging<br>posted on each drilling rig<br>d below shall be set by grou<br>on plugs and placement is n<br>ell is either plugged or cas  | will comply with K.S.A. 55-101,  well; ; iting to the top. ecessary prior to plugging;  |
| The undersigned hereby a et. seq. It is agreed  1. Notify the appropriate A copy of the appropriate An agreement bet 5. The appropriate 6. IN ALL CASES, MC  | num of 20' above the top of groundwater. groundwater is encountered.  ffirms that the drilling, completion and even that the following minimum requirements without the following minimum requirements with a special comproved notice of intent to drill shall be approved notice of intent to drill shall be approved notice of intent to drill shall be comproved notice of intent to drill shall be comproved notice of the case of the complete the operator and the district office district office will be notified before the partial of the continuous process.   | rentual plugging of this well<br>ll be met:<br>of and again before plugging<br>posted on each drilling rig<br>d below shall be set by grou<br>on plugs and placement is n<br>ell is either plugged or cas<br>G.  | well; ; ting to the top. ecessary prior to plugging; ing is grouted in;   |
| The undersigned hereby a et. seq. It is agreed  1. Notify the appropriate A copy of the appropriate An agreement bet 5. The appropriate 6. IN ALL CASES, MC  | num of 20' above the top of groundwater.  AFFIDAVI groundwater is encountered.  If irms that the drilling, completion and even that the following minimum requirements with a completion of composition of the following minimum requirements with the following minimum requirements with a composition of the following of the following of the following of the following as specified tween the operator and the district office district office will be notified before the composition of the following minimum and the district office will be notified before the composition of the following minimum and the district office will be notified before the composition of the following minimum and the following minimum and the following minimum requirements with the following mi | rentual plugging of this well<br>ll be met:<br>of and again before plugging<br>posted on each drilling rig<br>d below shall be set by grou<br>on plugs and placement is n<br>ell is either plugged or cas<br>G.  | well; ; ting to the top. ecessary prior to plugging; ing is grouted in;   |
| The undersigned hereby a et. seq. It is agreed  1. Notify the appropriate A copy of the appropriate An agreement bet 5. The appropriate 6. IN ALL CASES, MC  | num of 20' above the top of groundwater. groundwater is encountered.  ffirms that the drilling, completion and even that the following minimum requirements without the following minimum requirements with a special comproved notice of intent to drill shall be approved notice of intent to drill shall be approved notice of intent to drill shall be comproved notice of intent to drill shall be comproved notice of the case of the complete the operator and the district office district office will be notified before the partial of the continuous process.   | rentual plugging of this well<br>ll be met:<br>of and again before plugging<br>posted on each drilling rig<br>d below shall be set by grou<br>on plugs and placement is n<br>ell is either plugged or cas<br>ag.   | well; ; ting to the top. ecessary prior to plugging; ing is grouted in;   |
| The undersigned hereby a et. seq. It is agreed  1. Notify the approc. 2. A copy of the ap. 3. The minimum amox. 4. An agreement bet. 5. The appropriate 6. IN ALL CASES, MC. I hereby persify that the   | num of 20' above the top of groundwater. AFFIDAVI groundwater is encountered.  ffirms that the drilling, completion and even that the following minimum requirements without the following minimum requirements without district office of intent to drill shall be ant of cathodic surface casing as specified tween the operator and the district office district office will be notified before the district of the district office will be notified before the district of the district of the district office will be notified before the district of the | rentual plugging of this well<br>ll be met:<br>of and again before plugging<br>posted on each drilling rig<br>d below shall be set by grou<br>on plugs and placement is n<br>ell is either plugged or cas<br>de.<br>the best of my knowledge/and   | will comply with K.S.A. 55-101,  well; ; iting to the top. ecessary prior to plugging; ing is grouted in;   |
| The undersigned hereby a et. seq. It is agreed  1. Notify the approc. 2. A copy of the ap. 3. The minimum amox. 4. An agreement bet. 5. The appropriate 6. IN ALL CASES, MC. I hereby persify that the   | num of 20' above the top of groundwater. AFFIDAVI groundwater is encountered.  ffirms that the drilling, completion and ever that the following minimum requirements without the following minimum requirements without district office of intent to drill shall be unt of cathodic surface casing as specified tween the operator and the district office district office will be notified before we district of the district office will be notified before we district office will be notified before we district of the district office will be notified before we district office will be notified  | rentual plugging of this well<br>ll be met:<br>of and again before plugging<br>posted on each drilling rig<br>d below shall be set by grou<br>on plugs and placement is n<br>eli is either plugged or cas<br>did.  | will comply with K.S.A. 55-101,  well; ; iting to the top. ecessary prior to plugging; ing is grouted in;   |
| The undersigned hereby a et. seq. It is agreed  1. Notify the approc. 2. A copy of the ap. 3. The minimum amox. 4. An agreement bet. 5. The appropriate 6. IN ALL CASES, MC. I hereby persify that the   | num of 20' above the top of groundwater. groundwater is encountered.  ffirms that the drilling, completion and ever that the following minimum requirements without the following minimum requirements without district office prior to spudding of approved notice of intent to drill shall be until of cathodic surface casing as specified tween the operator and the district office district office will be notified before the district office will be notified before the statements made herein are true and to the statements made herein are true and the statement made herein are true and the statement made herein are true and the  | rentual plugging of this well<br>ll be met:  of and again before plugging posted on each drilling rig d below shall be set by grou on plugs and placement is n ell is either plugged or cas again.  the west of my knowledge and feet  | will comply with K.S.A. 55-101,  well; iting to the top. eccessary prior to plugging; ing is grouted in;  belief.  tle  |
| The undersigned hereby a et. seq. It is agreed  1. Notify the approc. 2. A copy of the ap. 3. The minimum amox. 4. An agreement bet. 5. The appropriate 6. IN ALL CASES, MC. I hereby persify that the   | num of 20' above the top of groundwater. groundwater is encountered.  ffirms that the drilling, completion and ever that the following minimum requirements without the following minimum requirements without district office prior to spudding of approved notice of intent to drill shall be until of cathodic surface casing as specified tween the operator and the district office district office will be notified before the district office will be notified before the statements made herein are true and to the statements made herein are true and the statement made herein are true and the statement made herein are true and the  | rentual plugging of this well<br>ll be met:  of and again before plugging posted on each drilling rig d below shall be set by grou on plugs and placement is n ell is either plugged or cas again.  the west of my knowledge and feet  | will comply with K.S.A. 55-101,  well; iting to the top. eccessary prior to plugging; ing is grouted in;  belief tle  RECEIVED  |
| The undersigned hereby a et. seq. It is agreed  1. Notify the appropriate and a sequent and a sequent bet a sequent between the sequent betwee | num of 20' above the top of groundwater. groundwater is encountered.  ffirms that the drilling, completion and ever that the following minimum requirements without the following minimum requirements without district office prior to spunding operator of cathodic surface casing as specified tween the operator and the district office district office will be notified before the operator of the district office district office will be notified before the operator of the district office will be notified before the operator of the district office will be notified before the operator of the district office will be notified before the operator of the district office will be notified before the operator of the district office will be notified before the operator of the district of the operator of t | rentual plugging of this well ll be met:  of and again before plugging posted on each drilling rig is below shall be set by grow on plugs and placement is nell is either plugged or cased.  the best of my knowledge and the best of my knowledge and placement is nell is either plugged or cased.   | will comply with K.S.A. 55-101,  well; ; ting to the top. ecessary prior to plugging; ing is grouted in;  belief  tle  RECEIVED  KANSAS CORPORATION COMMISSION  |
| The undersigned hereby a et. seq. It is agreed  1. Notify the appropriate and a sequent and a sequent bet a sequent between the sequent betwee | num of 20' above the top of groundwater. groundwater is encountered.  ffirms that the drilling, completion and ever that the following minimum requirements without the following minimum requirements without district office prior to spudding of approved notice of intent to drill shall be until of cathodic surface casing as specified tween the operator and the district office district office will be notified before the district office will be notified before the statements made herein are true and to the statements made herein are true and the statement made herein are true and the statement made herein are true and the  | rentual plugging of this well ll be met:  of and again before plugging posted on each drilling rig d below shall be set by grow on plugs and placement is nell is either plugged or cased.  the best of my knowledge and feet feet feet feet feet feet feet fee  | will comply with K.S.A. 55-101,  well; iting to the top. eccessary prior to plugging; ing is grouted in;  belief tle  RECEIVED  |
| The undersigned hereby a et. seq. It is agreed  1. Notify the approc. 2. A copy of the agr. 3. The minimum amou. 4. An agreement bet 5. The appropriate 6. IN ALL CASES, M. I hereby percify that the Date:  | num of 20' above the top of groundwater. groundwater is encountered.  ffirms that the drilling, completion and ever that the following minimum requirements without of cathodic surface casing as specified tween the operator and the district office district office will be notified before the motified before the minimum to the following statements made herein are true and to the signature of Operator or Agent:  FOR KCC USE:  API # 15- 175- 21985- OC Conductor pipe required NONE Minimum cathodic surface casing and proved by a continuous control of this authorization expires: 10-  This authorization expires: 10-  (This authorization void if drill 6 months of effective date.)  | rentual plugging of this well ll be met:  of and again before plugging posted on each drilling rig d below shall be set by grou on plugs and placement is n ell is either plugged or cas de.  the west of my knowledge/and the west of my knowledge/and feet required feet 27.05 ling not started within   | will comply with K.S.A. 55-101,  well; ; ting to the top. ecessary prior to plugging; ing is grouted in;  belief  tle  RECEIVED  KANSAS CORPORATION COMMISSION  |
| The undersigned hereby a et. seq. It is agreed  1. Notify the approc. 2. A copy of the agr. 3. The minimum amou. 4. An agreement bet 5. The appropriate 6. IN ALL CASES, M. I hereby percify that the Date:  | num of 20' above the top of groundwater. AFFIDAVI groundwater is encountered.  ffirms that the drilling, completion and ever that the following minimum requirements without of cathodic surface casing as specified when the operator and the district office district office will be notified before we district office of the district office will be notified before we distr | rentual plugging of this well ll be met:  of and again before plugging posted on each drilling rig d below shall be set by grou on plugs and placement is n ell is either plugged or cas de.  the west of my knowledge/and the west of my knowledge/and feet required feet 27.05 ling not started within   | will comply with K.S.A. 55-101,  well; ; ting to the top. ecessary prior to plugging; ing is grouted in;  belief  tle  RECEIVED  KANSAS CORPORATION COMMISSION  |
| It is agreed hereby a et. seq. It is agreed  1. Notify the appropriate and agreement bet an agreement bet agr | num of 20' above the top of groundwater.  groundwater is encountered.  ffirms that the drilling, completion and ever that the following minimum requirements with the following minimum requirements with a composed notice of intent to drill shall be unt of cathodic surface casing as specified tween the operator and the district office district office will be notified before well the operator and the district office district office will be notified before well the operator of the district office will be notified before well as the operator of the district office will be notified before well the operator of the district office will be notified before well as the operator of the district office will be notified before well as the operator of the district office will be notified before the operator of the district office will be notified before the operator of the district office will be notified before the operator of the district office will be notified before the operator of the district office will be notified before the operator of the district office will be notified before the operator of the district office will be notified before the operator of the district office will be notified before the operator of the district office will be notified before the operator of the district office will be notified before the operator of the district office will be notified before the operator of the district office will be notified before the operator of the | rentual plugging of this well ll be met:  of and again before plugging posted on each drilling rig d below shall be set by grou on plugs and placement is n ell is either plugged or cas de.  the west of my knowledge/and the west of my knowledge/and feet required 9-27.05  ling not started within nt:   | well; ;; ting to the top. ecessary prior to plugging; ing is grouted in;  Belief tle  RECEIVED KANSAS CORPORATION COMMISSION  APR 2 2 2005  |
| It is agreed hereby a et. seq. It is agreed  1. Notify the appropriate and agreement bet an agreement bet agr | provided in the design of the second and the second and the following minimum requirements without of cathodic surface casing as specified tween the operator and the district office district office will be notified before the construction of the district office will be notified before the construction of the district office will be notified before the construction of the district office will be notified before the construction of the district office will be notified before the construction of the district of the construction of the co | rentual plugging of this well ll be met:  of and again before plugging posted on each drilling rig d below shall be set by grou on plugs and placement is n ell is either plugged or cas ag.  the best of my knowledge and feet required feet re | well; ;; ting to the top. ecessary prior to plugging; ing is grouted in;  Belief  RECEIVED  KANSAS CORPORATION COMMISSION  APR 2 2 2005   |
| It is agreed hereby a et. seq. It is agreed  1. Notify the appropriate and agreement bet an agreement bet agr | num of 20' above the top of groundwater.  groundwater is encountered.  ffirms that the drilling, completion and ever that the following minimum requirements without of cathodic surface casing as specified to the control of the first of fice district office will be notified before the following the district office will be notified before the first authorization expires: 10.  This authorization expires: 10.  This authorization expires: 10.  This authorization expires: 10.  This authorization void if drill be months of effective date.)  Spud date: Agen  REMEMBER  File Drill Pit Application (form CDP-1)  File Completion Form CB-2 within 30 days  Notify appropriate district office 48 h  | rentual plugging of this well ll be met:  of and again before plugging posted on each drilling rig d below shall be set by grou on plugs and placement is n ell is either plugged or cas de.  the west of my knowledge/and the west of my knowledge/and ling not started within int:  To: with Intent to Install; s of spud date; hours prior to workover or r   | will comply with K.S.A. 55-101,  well;  iting to the top. ecessary prior to plugging; ing is grouted in;  Belief  tle  RECEIVED  KANSAS CORPORATION COMMISSION  APR 2 2 2005  CONSERVATION DIVISION  WICHITALKS |
| The undersigned hereby a et. seq. It is agreed  1. Notify the approc. 2. A copy of the agr. 3. The minimum amou. 4. An agreement bet 5. The appropriate 6. IN ALL CASES, M. I hereby percify that the Date:  | num of 20' above the top of groundwater.  groundwater is encountered.  ffirms that the drilling, completion and ever that the following minimum requirements with the following of the prior to specified be proved notice of intent to drill shall be untioned for the control of the prior to drill shall be untioned to the prior to fice will be notified before the operator and the district office will be notified before the prior of  | rentual plugging of this well ll be met:  of and again before plugging posted on each drilling rig d below shall be set by grou on plugs and placement is n ell is either plugged or cas de.  the west of my knowledge/and the west of my knowledge/and ling not started within int:  To: with Intent to Install; s of spud date; hours prior to workover or r   | will comply with K.S.A. 55-101,  well;  iting to the top. ecessary prior to plugging; ing is grouted in;  Belief  tle  RECEIVED  KANSAS CORPORATION COMMISSION  APR 2 2 2005  CONSERVATION DIVISION  WICHITALKS |

XWAS: 2063' FNL, 80' FEL, IT: 2145' FNL, 80' FEL

## IN ALL CASES PLOT THE INTENTED WELL ON THE PLAT BELOW

Show the relationship to other wells or facilities proposed to be serviced by the intented cathodic borehole. Please show all the wells, existing cathodic boreholes, pipelines or facilities within 1/2 mile of the proposed borehole.

| API NO. 15-                           |   |  |  |
|---------------------------------------|---|--|--|
| OPERATOR Northern Natrual Gas         | LOCATION OF WELL: COUNTY Seward                   |  |  |
| LEASE Jacobs                          | 2145 feet from south/north line of section        |  |  |
| WELL NUMBER #2                        | 80' feet from east/west line of section           |  |  |
| FACILITY NAME Jacobs Well #2          | SECTION 20 TWP 31S RG 31W                         |  |  |
|                                       |   |  |  |
| SPOT: QTR/QTR/QTR/QTR OF ACREAGE      | IS SECTION X REGULAR or IRREGULAR                 |  |  |
| - SE - SE - NE                        | IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAREST |  |  |
|                                       | CORNER BOUNDARY.                                  |  |  |
|                                       | Section corner used: NE NW SE SW                  |  |  |
| ,                                     | PLAT  |  |  |
| •                                     | ented cathodic borehole.)                         |  |  |
| · · · · · · · · · · · · · · · · · · · | unit or outside section boundary line.)           |  |  |
| ( 1220mg                              |   |  |  |
|                                       | RECEIVED  |  |  |
|                                       | (ANSAS CORPORATION COMMISS                        |  |  |
|                                       | CORRECTED PR 2 2 2005                             |  |  |
|                                       | . I DOUBLE LE LE 2003                             |  |  |
| ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' | CALCEDIATION DURING                               |  |  |
|                                       | ONSERVATION DIVISION: WICHITA KS                  |  |  |
|                                       | 119-  |  |  |
|                                       | Section 20  |  |  |
|                                       |   |  |  |
|                                       |   |  |  |
|                                       |   |  |  |
|                                       | •   |  |  |
|                                       | ·   |  |  |
|                                       | EXAMPLE .   |  |  |
|                                       | .     .   .                                       |  |  |
|                                       |   |  |  |
|                                       |   |  |  |
|                                       |   |  |  |
|                                       | .   |  |  |
|                                       |   |  |  |
|                                       | 3390'   |  |  |
|                                       | • •     • • • • •   • •   • • • • • •             |  |  |
|                                       |   |  |  |
|                                       |   |  |  |
|                                       |   |  |  |
| L                                     | SEWARD CO.  |  |  |

## In plotting the proposed location of the well, you must show:

- The manner in which you are using the depicted plat by identifying section lines, i.e. l section, l section with 8 surrounding sections, 4 sections, etc.;
- the distance of the proposed drilling location from the section's south/north and east/west; and
- 3) the distance to the nearest lease, unit or outside section boundary line.

RECEIVED

JUL 0 1 200F

KCC WICHITA