#### Kansas Corporation Commission Oil & Gas Conservation Division



4

Form ACO-1 September 1999 Form Must Be Typed

### WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| Operator: License # 32887  | API No. 15 - 125-31916-0000  |
|--|--|
| Name: Endeavor Energy Resources, LP  | County: Montgomery   |
| Address: PO Box 40   |  |
| City/State/Zip:  | 1980 feet from Ø/ N (circle one) Line of Section   |
| Purchaser: NA  | 1980 feet from (E) W (circle one) Line of Section  |
| Operator Contact Person: Joe Driskill  | Footages Calculated from Nearest Outside Section Corner:   |
| Phone: (_918)467-3111  | (circle one) NE (SE) NW SW   |
| Contractor: Name: Well Refined Drilling  | Lease Name: DeTar Well #: 4-2  |
| License: 33072   | Field Name: Cherokee Basin Coal Area   |
| Wellsite Geologist: NA   | Producing Formation: NA  |
| Designate Type of Completion:  | Elevation: Ground: 756 Kelly Bushing:  |
| ✓ New Well Re-Entry Workover   | Total Depth: 955 Plug Back Total Depth: 947  |
| Oil SWD SIOW Temp. Abd.  | Amount of Surface Pipe Set and Cemented at 44' 5" Feet   |
| ✓ GasENHR ✓ SIGW   | Multiple Stage Cementing Collar Used? ☐ Yes' ✓ No  |
| Dry Other (Core, WSW, Expl., Cathodic, etc)  | If yes, show depth setFeet   |
| If Workover/Re-entry: Old Well Info as follows:  | If Alternate II completion, cement circulated from 947   |
| Operator:  | feet depth to surface w/ 105 sx cmt.   |
| Well Name:   |  |
| Original Comp. Date: Original Total Depth:   | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)   |
| Deepening Re-perf Conv. to Enhr./SWD   | Chloride content ppm Fluid volume bbls   |
| Plug Back Plug Back Total Depth  | Dewatering method used/  |
| Commingled Docket No.  |  |
| Dual Completion Docket No  | Location of fluid disposal if hauled offsite:  |
| Other (SWD or Enhr.?) Docket No  | Operator Name:   |
| 12-14-09 12-17-19 NA   | Lease Name: License No.:   |
| Spud Date or Date Reached TD Completion Date or  | Quarter Sec TwpS. R 🗌 East 🗌 West  |
| Recompletion Date Recompletion Date  | County: Docket No.:  |
|  |  |
| INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. | 2 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING |
| All requirements of the statutes, rules and regulations promulgated to regula herein are complete and correct to the best of my knowledge.   | te the oil and gas industry have been fully complied with and the statements   |
| Signature: Jose Dushill  | KCC Office Use ONLY  |
| Title: Operations Superintendent Date: 3-18-10   | Letter of Confidentiality Received   |
| Subscribed and sworn to before me this 18 day of Warch   | / If Denied, Yes Date:   |
| STEPHANIE LA   | Wireline Log Received RECEIVED   |
| NOWATA COU   | NTY Geologist Report Received  |
| COMMESIO   | PIRES UIC Distribution MAR 22 2010   |
| Date Commission Expires: April 18 20 3 COMMISSION  | 713  |

#### Side Two

| Operator Name: Ende   | eavor Energy Reso                           | ources, LP  | Lease Nam                                     | e:                              |  | Well #: 4-2       |   |
|---|---|---|---|---------------------------------|--|-------------------|---|
| Sec. 4 Twp. 34  | S. R. 17                                    | _ ✓ East ☐ West   |   | ntgomery                        | <del></del>                                  |                   |   |
| ested, time tool open<br>emperature, fluid reco   | and closed, flowing<br>overy, and flow rate | and base of formation<br>ng and shut-in pressur<br>es if gas to surface tes<br>final geological well si | es, whether shut-in<br>st, along with final c | pressure reache                 | ed static level, hyd                         | rostatic pressur  | es, bottom hole                           |
| Orill Stem Tests Taken  |   | Yes VNo   |   | Log Forma                       | ation (Top), Depth                           | and Datum         | Sample                                    |
| amples Sent to Geol   | ogical Survey                               | Yes V No  |   | ame<br>verton Coal              |  | Тор<br>889        | Datum                                     |
| ores Taken<br>lectric Log Run<br>(Submit Copy)  |   | ☐ Yes   ✓ No<br>✓ Yes   ☐ No  |   |                                 |  |                   |   |
| st All E. Logs Run:   |   |   |   |                                 |  |                   | i   |
| Deep Inductior<br>Density - Neuti   |   |   |   |                                 |  |                   |   |
|   |   |   | NG RECORD<br>et-conductor, surface,           | New Used<br>intermediate, prodi | uction, etc.                                 |                   |   |
| Purpose of String   | Size Hole<br>Drilled                        | Size Casing<br>Set (In O.D.)  | Weight<br>Lbs. / Ft.                          | Setting<br>Depth                | Type of<br>Cement                            | # Sacks<br>Used   | Type and Percent<br>Additives             |
| Surface   | 12.250                                      | 8.625   | 21#   | 44' 5"                          | Class A                                      | 50                | ,   |
| Production  | 6.750                                       | 4.5   | 10.5  | 947                             | Class A                                      | 105               |   |
| AMERICAN AND AMERICAN PROPERTY AND ACCOUNTS |   | ADDITION  | IAL CEMENTING / S                             | OUEEZE BECOE                    |  |                   |   |
| Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone  | Depth<br>Top Bottom                         | Type of Cement  | #Sacks Used                                   | doezze Recor                    |  | Percent Additives | ,   |
| Shots Per Foot  |   | ON RECORD - Bridge F<br>Footage of Each Interval  |   |                                 | racture, Shot, Cemer<br>Amount and Kind of M |                   | d Depth                                   |
| UBING RECORD  | Size  | Set At  | Packer At                                     | Liner Run                       |  |                   | ,   |
| Date of First, Resumerd F   | Production, SWD or E                        | enhr. Producing N   | /lethod                                       | ing Pump                        | Yes No                                       |                   | r (Explain)                               |
| stimated Production<br>Per 24 Hours   | Oil   | Bbls. Gas   | Mcf W   | ater                            | Bbls. (                                      | Gas-Oil Ratio     | Gravity                                   |
| isposition of Gas   | METHOD OF C                                 | COMPLETION  |   | Production Inte                 | erval  | KANGAG            | RECEIVED                                  |
| Vented Sold (If vented, Subm  | Used on Lease<br>nit ACO-18.)               | Open Hol  |   | Dually Comp.                    | Commingled _                                 |                   | RECEIVED COMMISSION COMMISSION AR 22 2010 |

CONSERVATION DIVISION WICHITA, KS



# 232473

| TICKET NUMB | <sub>ER_</sub> 22059 |   |
|-------------|----------------------|---|
| LOCATION    | Rober 1/1            | • |

FOREMAN Seson RM

DATE\_

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

## FIELD TICKET & TREATMENT REPORT CEMENT

| 12-17-09   Defax 4-2   TRUCK# DRIVER TRUCK# DRIVER  MAILING ADDRESS   TRUCK# DRIVER TRUCK# DRIVER  SECTION TOWNSHIP RANGE COUNTY    12-17-09   | DATE         | CUSTOMER#    | WE           | I L NAME & MIN    | DED          |             |                  |              |          |
|--|--------------|--------------|--------------|-------------------|--------------|-------------|------------------|--------------|----------|
| TRUCK # DRIVER TRUCK # DRIVER  TRUCK # DRIVER  TRUCK # DRIVER  TRUCK # DRIVER  TRUCK # DRIVER  TRUCK # DRIVER  TRUCK # DRIVER  TRUCK # DRIVER  TRUCK # DRIVER  DRIVER  DISPLACEMENT ##  CASING DEPTH 955 CASING SIZE & WEIGHT 4//2  OTHER  SLURRY WEIGHT /4.0 SLURRY VOL /. 5 9 WATER gal/sk 6.94 CEMENT LEFT in CASING  DISPLACEMENT /4.5 DISPLACEMENT PSI MIX PSI RATE  REMARKS: Statisfied Children nem 105 sts Class # Cement  DISPLACEMENT /05 Sts Class # Cement  DISPLACEMENT /05 Sts Class # Cement  DISPLACEMENT /05 Sts Class # Cement  And Install flow displaced and Silver Share.   | 10 10 00     |              | 1            |                   | IDER         | SECTION     | TOWNSHIP         | RANGE        | COUNTY   |
| TRUCK # DRIVER TRUCK # DRIVER  | 10 11        | L            | Detax        | 4-2               |              |             |                  |              | Mars     |
| ANAILING ADDRESS  TRUCK # DRIVER  4/19 Jemes N  5/8 Desty  6/8 Des |              |              |              |                   |              |             |                  |              | 1115/1   |
| STATE ZIP CODE  419  518  Destry  518  Destry  STATE  DESTRICT  DE |              |              |              |                   | 4            | TRUCK#      | DRIVER           | TRUCK#       | DRIVER   |
| STATE ZIP CODE    STATE   ZIP CODE     Survey TP   |              | _55          |              |                   |              | 419         | James V          |              |          |
| STATE ZIP CODE  Noticy TP  Lob type  | OUTS/        |              |              |                   |              | 518         |                  |              |          |
| HOB TYPE   | CITY         |              | STATE        | ZIP CODE          | 7            |             | 1 41             |              |          |
| CASING DEPTH 947 DRILL PIPE TUBING OTHER  SLURRY WEIGHT 14.0 SLURRY VOL 1.59 WATER gal/sk 6.94 CEMENT LEFT in CASING  DISPLACEMENT 14.5 DISPLACEMENT PSI MIX PSI RATE  REMARKS: Established Curculation run 105 sts Class A Cement  200 set 1 phono 10# Gissoute and 5"70% salt. Sheet down wished  Left burned place Description of Spaced and Set. Shoe.   |              |              |              | 1                 |              | NA          | reg /            |              | <b>_</b> |
| CASING DEPTH 947 DRILL PIPE TUBING OTHER  SLURRY WEIGHT 14.0 SLURRY VOL 1.59 WATER gal/sk 6.94 CEMENT LEFT in CASING  DISPLACEMENT 14.5 DISPLACEMENT PSI MIX PSI RATE  REMARKS: Estatistical control 105 sks Class A Cement  Displacement 105 sks Class A Cement  Displacement 105 sks Class A Cement  Allow Supplied Control of Sides of Short Short Short  Kacked of and Wasted up.  | JOB TYPE     | L. S.        | HOLE SIZE    | 634               | ا<br>ا       | are         |                  | <del>-</del> |          |
| SLURRY WEIGHT 14.0 SLURRY VOL 1.59 WATER gal/sk 6.94 CEMENT LEFT in CASING DISPLACEMENT 14.5 DISPLACEMENT PSI MIX PSI RATE REMARKS: Established Cuculation run 105 sks Class A Cement Description 10# Gissable and 5"70% salt. Shut down washed up burne plusa Dusplied flux displaced and Ser. Shoe.  Kancked off and washed up.  | CASING DEPTH | 947          | ·            | <del>- 0 79</del> |              | 953         | CASING SIZE & W  | EIGHT4/      | 1/2      |
| DISPLACEMENT 14.5 DISPLACEMENT PSI MIX PSI RATE  REMARKS: Established Cluculation run 105 sks Class A Cement  Do al Apheno 10# Git soute and 5"70% salt. Shoe down washed  when plus Durand flux displaced and Sit. Shoe.  Kracked off and itrosted up.  | _            |              |              |                   |              |             |                  | OTHER        |          |
| REMARKS: Estatisted cuculation run 105 sks Class A coment  De sel 4 phono 10# Gissable and 5 70% salt. Shut down washed  who blues Dusphed flux displaced and Set shoe.  Kanched off and iterated up.  |              | 4.44         |              |                   | WATER gal/sl | <u>6.94</u> | CEMENT LEFT in C | CASING       |          |
| HEMARKS: Established Christophe and Sitos Sks Class A Coment<br>200 sel, 4 phono 10# Git soute and Sitos Salt. Shut down wished<br>up being plus Displied flag displaced and Set. Shoe.<br>Krisked off and itsoled up.   |              | 74.5         |              |                   | MIX PSI      | _           |                  |              |          |
| Les of Garage Disposed flow displaced and Set Shoe.  Knocked off and World up.   | REMARKS:     | Stablish     | ed clu       | culation          | - neus       | 10506       | 4 1              | 1 /2         |          |
| Krocked of and worked up.  | 2000         | & 4 phes     |              |                   | e and Co     | X19 - 0 .   | SIL              | ceme         | no -     |
| Krocked Spand washed up.   | JAN I        | b. 1. W 0    | 1            | A COLOR           |              |             | 1                | wn Wa        | shed     |
|  |              | 1/ 1         | The state of | Syrua P           | 4g G156      | aced and    | & Set Sh         | oe.          |          |
| - Cement Carcilated to Sylan-  | <del></del>  | P. LOCKE CO. | off and      | Moste             | wo-          |             |                  |              |          |
| - Cement Carcelated to Sylan-  | <del></del>  |              |              |                   |              |             |                  |              |          |
| - Cement Carcilated to Surface   |              |              |              |                   | -            |             |                  |              |          |
| Sense Conque do Sygni  |              |              | =            | -Cim              | est Cus      | -1-1-1 L    |                  |              |          |
|  |              |              |              |                   | Je Caq       | Mark 40     | Sym              |              |          |
|  |              |              |              |                   |              |             | <del>- (/</del>  |              |          |
|  |              |              |              |                   |              |             | -                |              |          |

| ACCOUNT<br>CODE | QUANITY or UNITS | DESCRIPTION of SERVICES or PRODUCT        | UNIT PRICE | TOTAL       |
|-----------------|------------------|---|------------|-------------|
| 5401            |                  | PUMP CHARGE                               |            | <del></del> |
| 5406            | 40               | MILEAGE                                   |            | 870.00      |
| 5407            |                  | bulk truck                                |            | /38.°°      |
| 5402            | 947              | footage                                   |            | 896.0       |
| 550k            | 4.5              | footage<br>transport                      |            | 179.93      |
|                 |                  | Otto NS/Old                               |            | 472,50      |
| 1104            | 9870#            | ClassA                                    |            | <u> </u>    |
| 11(1            | 300*             | ScH                                       |            | 1381.80     |
| 11074           | 80#              |   |            | 117.0       |
| 1110            |                  | Pleno                                     |            | 86.40       |
| ///86           | 1100#            | Gilsonte                                  |            | 671.00      |
| //23            | 200#             | Gel                                       |            | 32.00       |
| 4404            | 2040 gm          | City Work BECENED X                       |            | 705%        |
| 770/            |                  | City Wefer Plus KANSAS CORPORATION COMMIS | SION       | 43.0        |
|                 |                  | 0   |            |             |
|                 |                  | MAR 22 2010                               |            |             |
|                 |                  | CONSERVATION DIVIS                        | ION        |             |
|                 |                  | WICHITA, KS                               |            |             |
|                 |                  |   |            |             |
| 3737            |                  | 5.34                                      | SALES TAX  | 12730       |
|                 |                  |   | ESTIMATED  |             |
| THORIZTION      |                  | TITLE                                     | TOTAL      | 4485,4      |

TITLE

F 132398



22043 TICKET NUMBER\_ FOREMAN Coop

PO Box 884, Chanute, KS 66720

### **FIELD TICKET & TREATMENT REPORT**

| 620-431-9210              | or 800-467-867 | 6           |               | CEMEN       | T   |                 |             |        |
|---------------------------|----------------|-------------|---------------|-------------|---|-----------------|-------------|--------|
| DATE                      | CUSTOMER#      | 1 A .       | L NAME & NUME | BER         | SECTION   | TOWNSHIP        | RANGE       | COUNTY |
| 2-14-09                   | 2520           | Detar       | #4-2          |             |   |                 |             | Mont   |
| CUSTOMER                  |                |             |               |             |   |                 |             |        |
| Endeavor<br>MAILING ADDRI |                |             | ~             | ]           | TRUCK#  | DRIVER          | TRUCK#      | DRIVER |
| WAILING ADDRE             | E33            |             |               |             | 419   | Jomes           | 514TM       |        |
|                           |                |             |               |             | 486   | Bell            |             |        |
| CITY                      |                | STATE       | ZIP CODE      |             | 1261  | Nuke            |             |        |
|                           |                |             |               |             | 513 T119  | Tom J           |             |        |
| JOB TYPE                  | <del>_</del>   | HOLE SIZE   | 124           | HOLE DEPTH  | 150   | CASING SIZE & V | WEIGHT_ & Y | þ      |
| CASING DEPTH              | 44             | DRILL PIPE  |               | TUBING      |   |                 | OTHER       |        |
| SLURRY WEIGH              | łτ             |             |               |             | ik  |                 | CASING /    | 5'     |
| DISPLACEMENT              | T_2            | DISPLACEMEN | NT PSI        | MIX PSI     |   |                 | <u> </u>    |        |
|                           |                |             | ind combile   |             |   | t displand i    |             | 11.    |
|                           | 19 cm 3310 9   | -Circula    |               | to Sufe     |   | a constituent   | ond, cui    |        |
|                           |                |             | LING TYPNIAT  | TO XITY     | <u>e –                                     </u> | <del></del>     |             |        |
|                           | - /a           | 0//01 11    | w 160 Bb1     |             |   |                 |             |        |
|                           |                | THE PAR     | W. 160 Bb1    |             |   |                 | <del></del> |        |
|                           |                |             | <del></del>   | <del></del> |   |                 |             |        |
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| ·                         |                |             |               |             |   |                 |             |        |
|                           |                |             |               |             |   |                 |             |        |

| ACCOUNT<br>CODE | QUANITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE                            | TOTAL        |
|-----------------|------------------|------------------------------------|---------------------------------------|--------------|
| 54015           |                  | PUMP CHARGE                        |                                       | 680,00       |
| 5406            | 45               | MILEAGE                            |                                       | 155,25       |
| 5405            | 1                | Buth Touch                         |                                       | 296,00       |
| C50/C           | 3h. X2           | Trunspet                           |                                       | 6.30,00      |
| 5504B           | 3k               | Flat Bed                           |                                       | 282,00       |
| 104             | 4X0#             | Cenant                             |                                       | 65800        |
| 102             | /00#             | Caluum                             |                                       | 21,00        |
| 102A            | 80#              | Phono Seul                         |                                       | 84.40        |
| 11813           | 45sh 2,250#      | 601                                | · · · · · · · · · · · · · · · · · · · | 360,00       |
| 423             | 8400,1           | Coly Utilor                        |                                       | 117.60       |
|                 | ,                | / RECEIVED KANSAS CORPORATION COMN | ISSION                                |              |
|                 |                  | MAR <b>22</b> 2010                 |                                       |              |
|                 |                  | CONSERVATION DIV<br>WICHITA, KS    | SION                                  |              |
|                 |                  |                                    |                                       |              |
|                 |                  |                                    |                                       | <del> </del> |
| vin 3737        |                  |                                    | SALES TAX                             | 68.52        |
| UTHORIZTION     |                  | TITI E                             | ESTIMATED<br>TOTAL                    | 3404         |

# Well Refined Drilling Company, Inc. 4230 Douglas Road - Thayer, KS 66776

Contractor License # 33072 -

620-839-5581/Office; 620-432-6170/Jeff Cell; 620-839-5582/FAX

| Rig #:  | "  |  | Hadio  | 00075   |  | C4  | T0.40  | D47E  |  |
|---|--|--|--|---|--|---|--|---|--|
| API #:  |  | -31916-0000  |  | <b>200</b> //   | <b>1</b>   | S4  | T34S   | R17E  | _  |
|   |  | ······································   |  | <del></del>   | - Rig#5  | Location  | <u> </u>   | NW,SE   | _  |
| ·   |  | r Energy Resourc   | es LP  |   | 19, 0  | County  |  | Montgomery  |  |
|   | O Box  | · <del>-</del>   |  |   | THE DAY  |   |  |   |  |
| Man H   |  | are, Ok 74027  |  |   |  | Cas T   | 088°   |   |  |
| Vell #:   | 4-2  | Lease Name:  | DeTar  |   | Deplin   | Oz.   | Office   |   |  |
| ocation:  |  | FSL  | Line   |   |  |   |  |   |  |
| A PROPERTY OF   | 1980   | FEL  | Line   |   | See Page 3   |   |  |   | 1  |
| pud Date:   | <u> </u>   | 12/14/2009   |  |   |  |   |  |   | 7  |
| ate Completed   |  | 12/17/2009   | ITD:   | 955'  |  |   |  |   |  |
| Oriller:  |  | Kephart  |  |   |  |   |  |   |  |
| asing Reco  |  | Systage 2  | Produc   |   |  |   |  |   | 7  |
| lole Size   |  | 12 1/4"  | <u> </u>   | 6 3/4"  |  |   |  |   | 7  |
| Casing Size   | ļ  | 8 5/8"   | <u> </u>   | <b>_</b>  |  |   |  |   |  |
| Veight  | <u></u>  | 441.50   |  | <del> </del>  |  |   |  |   |  |
| etting Dept   |  | 44' 5"   |  | ļ   |  |   |  |   |  |
| ement Type  | <del>-</del>   | Portland   |  | <u> </u>  |  |   |  |   | ]  |
| acks  | <u> </u>   | Service Company  | ļ  | ļ   |  |   |  |   | ]  |
| eet of Casir  | ıg   |  | <u> </u>   | ļ   |  |   |  |   | ]  |
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|   | Neve dec   |  | To   |   |  |   |  |   |  |
| 914[45]24]7/00  | )<br>  | i Dogga za   |  |   |  |   |  |   |  |
| 914-32317:00<br>0   |  |  |  | Well-t  |  |   |  |   |  |
| 914-312417/08<br>0  |  |  |  | Well-t  |  | Loo   | Bolion   | - Formation   | Key Krista   |
| 9141-472417/08  | 130 (Onn   | EORMATION -  | Top.   | Wellst<br>Boltom<br>264   | ojoj - * * * * * * * * * * * * * * * * * *   | 397   | Edian  | Heoranellones   |  |
| 914-512/17/09<br>1002 3<br>0<br>1   | Bottom<br>1<br>14  | Folimation overburden ckay   | Top<br>262<br>264  | Well L<br>Bottom<br>264<br>265  | O() Formation in lime  | () [O]  | Bottom<br>399  | - Prometon:   |  |
| 9 4-1217/09<br>1<br>Top<br>0<br>1<br>14   | Bottom<br>1<br>14<br>35  | Eofination  overburden  ckay  shale  | 262<br>264<br>265  | Well L<br>Bottom<br>264<br>265  | ojoj - * * * * * * * * * * * * * * * * * *   | ₩ Lop 397   | 399<br>401   | Ime<br>shale  |  |
| 901-1217/09<br>0 0<br>1 1<br>14<br>35   | Bottom<br>1<br>14<br>35<br>62  | Eofination overburden ckay shale lime  | 262<br>264<br>265<br>268   | Welf-II<br>Bottom<br>264<br>265<br>268<br>269   | Formetion lime shale Anna blk shale Lexington coal   | 397<br>399  | 399<br>401<br>409  | FORMETTON.  | New Bells  |
| 9 4 - 12 17 0 0<br>0 1<br>14<br>35<br>62  | Bottom<br>1<br>14<br>35<br>62<br>65  | Eofmation overburden ckay shale lime sand  | 262<br>264<br>265<br>268<br>269  | Welf-L<br>Bottom<br>264<br>265<br>268<br>269<br>271   | lime shale Anna blk shale Lexington coal shale   | 397<br>399<br>401   | 399<br>401<br>409<br>416   | lime<br>shale<br>sandy shale<br>lime  |  |
| 9 L-1217/09<br>0 1<br>14<br>35<br>62<br>65  | Bettem<br>1<br>14<br>35<br>62<br>65<br>74  | overburden ckay shale lime sand  | 262<br>264<br>265<br>268<br>269<br>271   | 264<br>265<br>268<br>269<br>271<br>271.5  | lime shale Anna blk shale Lexington coal shale coal  | 397<br>399<br>401<br>409  | 399<br>401<br>409<br>416<br>420  | lime shale sandy shale  |  |
| 9 4-1217/09<br>Top<br>0<br>1<br>14<br>35<br>62<br>65<br>74  | Bottom<br>1<br>14<br>35<br>62<br>65<br>74<br>83  | ckay shale lime sand lime shale  | 262<br>264<br>265<br>268<br>269<br>271<br>271.5  | Well 1<br>186 tom<br>264<br>265<br>268<br>269<br>271<br>271.5<br>309  | Formation lime shale Anna blk shale Lexington coal shale coal shale  | 397<br>399<br>401<br>409<br>416   | 399<br>401<br>409<br>416<br>420<br>512   | lime shale sandy shale lime sandy shale sandy shale sandy shale shale   | NAS BEEN   |
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| /38      | /39          | Lower Wiser coal            |                |          |                                       |             |        |            |
| 739      |              | Lower Bartlesville sand     |                |          |                                       |             |        |            |
| 744      |              | shale                       |                |          |                                       |             |        |            |
| 746      |              | sand                        |                |          |                                       |             |        |            |
| 761      |              | shale                       |                |          |                                       |             |        |            |
| 846      |              | Rowe coal                   |                |          |                                       |             |        |            |
| 848      |              | shale                       |                |          |                                       |             |        |            |
| 861      |              | Neutral coal                |                |          |                                       |             |        |            |
| 862      |              | shale                       |                |          |                                       |             |        |            |
| 889      | 891          | Riverton coal               | ,              |          |                                       |             |        |            |
| 891      |              | shale                       | <u> </u>       |          |                                       |             |        |            |
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|               | 130                    |                        | No Flov               |                        |
|               | 180                    |                        | Trace                 |                        |
|               | 255                    | 9                      | 1/2"                  | 18.8                   |
|               | 280                    | 25                     | 1/2"                  | 32.55                  |
|               | 305                    | 9                      | 3/4"                  | 42.5                   |
|               | 330                    | Gas                    | Check S               | Same                   |
|               | 355                    | 19                     | 3/4"                  | 61.9                   |
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RECEIVED KANSAS CORPORATION COMMISSION

CONSERVATION DIVISION WICHITA, KS

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CONSERVATION DIVISION WICHITA, KS