

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 31772  
Name: Black Star 231 Corp  
Address: 2300 Main Street, Suite 900  
City/State/Zip: Kansas City, Missouri, 64108  
Purchaser: N/A  
Operator Contact Person: Jim Pryor  
Phone: (816) 560-7300  
Contractor: Name: 3-Rivers Drig  
License: 33217  
Wellsite Geologist: David Griffin

Designate Type of Completion:  
☐ New Well ☐ Re-Entry ☐ Workover  
☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.  
☐ Gas ☐ ENHR ☐ SIGW  
☒ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD

☐ Plug Back ☐ Plug Back Total Depth

☐ Commingled ☐ Docket No. \_\_\_\_\_

☐ Dual Completion ☐ Docket No. \_\_\_\_\_

☐ Other (SWD or Enhr.?) ☐ Docket No. \_\_\_\_\_

| 11-15-07                          | 11-19-07        | P&A-11-19-07                            |
|-----------------------------------|-----------------|-----------------------------------------|
| Spud Date or<br>Recompletion Date | Date Reached TD | Completion Date or<br>Recompletion Date |

API No. 15 - 073-24065-00-00

County: Greenwood

NE ☐ NW ☐ SW ☐ NE ☐ Sec. 36 Twp. 27 S. R. 9 ☒ East ☐ West

900 feet from S N (circle one) Line of Section

1500 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Klausmeyer Well #: 3

Field Name: w/c

Producing Formation: absent

Elevation: Ground: 1186 Kelly Bushing: \_\_\_\_\_

Total Depth: 2280' Plug Back Total Depth: surface

Amount of Surface Pipe Set and Cemented at 41' Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from d&a

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)

Chloride content 4500 ppm Fluid volume 120 bbls

Dewatering method used Hauled to next location

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: \_\_\_\_\_

Title: President Date: 12-19-07

Subscribed and sworn to before me this 19 day of December

20 07

Notary Public: Dana A. Newkirk

Date Commission Expires: 1/25/09

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Y Letter of Confidentiality Received

If Denied, Yes ☐ Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

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CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Black Star 231 Corp Lease Name: Klausmeyer Well #: 3  
 Sec. 36 Twp. 27 S. R. 9 ☒ East ☐ West County: Greenwood

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

| Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><i>(Submit Copy)</i><br><br>List All E. Logs Run: | <input checked="" type="checkbox"/> Log    Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br><table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>BKC</td> <td>1569</td> <td>-383</td> </tr> <tr> <td>Cherokee Group</td> <td>1914</td> <td>-728</td> </tr> <tr> <td>Mississippian Top</td> <td>2207</td> <td>-1021</td> </tr> </tbody> </table> | Name  | Top | Datum | BKC | 1569 | -383 | Cherokee Group | 1914 | -728 | Mississippian Top | 2207 | -1021 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|-------|-----|------|------|----------------|------|------|-------------------|------|-------|
| Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Top                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Datum |     |       |     |      |      |                |      |      |                   |      |       |
| BKC                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1569                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -383  |     |       |     |      |      |                |      |      |                   |      |       |
| Cherokee Group                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1914                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -728  |     |       |     |      |      |                |      |      |                   |      |       |
| Mississippian Top                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2207                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -1021 |     |       |     |      |      |                |      |      |                   |      |       |

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used  |                   |                           |                   |               |                |              |                            |
|---------------------------------------------------------------------------|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. |                   |                           |                   |               |                |              |                            |
| Purpose of String                                                         | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| Surface                                                                   | 12 1/4"           | 8 5/8"                    | 23#               | 41'           | class A        | 40           | 2%cc-2%gel                 |
|                                                                           |                   |                           |                   |               |                |              |                            |
|                                                                           |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD |                  |                |             |                            |
|---------------------------------------|------------------|----------------|-------------|----------------------------|
| Purpose:                              | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| ____ Perforate                        |                  |                |             |                            |
| ____ Protect Casing                   |                  |                |             |                            |
| ____ Plug Back TD                     |                  |                |             |                            |
| ____ Plug Off Zone                    |                  |                |             |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------|
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |

|                                                         |         |       |         |                                                                                                                                                                  |           |                                                          |         |
|---------------------------------------------------------|---------|-------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------|---------|
| TUBING RECORD                                           |         | Size  | Set At  | Packer At                                                                                                                                                        | Liner Run | <input type="checkbox"/> Yes <input type="checkbox"/> No |         |
| d&a                                                     |         |       |         |                                                                                                                                                                  |           |                                                          |         |
| Date of First, Resumerd Production, SWD or Enhr.<br>d&a |         |       |         | Producing Method<br><input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |           |                                                          |         |
| Estimated Production Per 24 Hours                       | Oil d&a | Bbls. | Gas Mcf | Water d&a                                                                                                                                                        | Bbls.     | Gas-Oil Ratio                                            | Gravity |

Disposition of Gas    METHOD OF COMPLETION    Production Interval

☐ Vented    ☐ Sold    ☐ Used on Lease    ☐ Open Hole    ☐ Perf.    ☐ Dually Comp.    ☐ Commingled  
*(If vented, Submit ACO-18.)*    ☐ Other (Specify) \_\_\_\_\_

**620-431-9210 OR 800-467-8676**

TICKET NUMBER 13240

LOCATION EUROPE

FOREMAN RICK LEONARD

## TREATMENT REPORT & FIELD TICKET

| DATE                                 | CUSTOMER #  | WELL NAME & NUMBER | SECTION                                                                                                                                                                                                                                                                                                                                          | TOWNSHIP | RANGE | COUNTY |         |        |         |        |     |      |  |  |     |        |  |  |  |  |  |  |  |  |  |  |
|--------------------------------------|-------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|--------|---------|--------|---------|--------|-----|------|--|--|-----|--------|--|--|--|--|--|--|--|--|--|--|
| 11-15-07                             | 1764        | Klausmeyer # 3     |                                                                                                                                                                                                                                                                                                                                                  |          |       | GL     |         |        |         |        |     |      |  |  |     |        |  |  |  |  |  |  |  |  |  |  |
| CUSTOMER<br>Black Star               |             |                    | <div>three rivers explor.</div> <table border="1"> <tr> <th>TRUCK #</th><th>DRIVER</th><th>TRUCK #</th><th>DRIVER</th></tr> <tr> <td>463</td><td>Kyle</td><td></td><td></td></tr> <tr> <td>525</td><td>Jarrod</td><td></td><td></td></tr> <tr> <td></td><td></td><td></td><td></td></tr> <tr> <td></td><td></td><td></td><td></td></tr> </table> |          |       |        | TRUCK # | DRIVER | TRUCK # | DRIVER | 463 | Kyle |  |  | 525 | Jarrod |  |  |  |  |  |  |  |  |  |  |
| TRUCK #                              | DRIVER      | TRUCK #            |                                                                                                                                                                                                                                                                                                                                                  |          |       |        | DRIVER  |        |         |        |     |      |  |  |     |        |  |  |  |  |  |  |  |  |  |  |
| 463                                  | Kyle        |                    |                                                                                                                                                                                                                                                                                                                                                  |          |       |        |         |        |         |        |     |      |  |  |     |        |  |  |  |  |  |  |  |  |  |  |
| 525                                  | Jarrod      |                    |                                                                                                                                                                                                                                                                                                                                                  |          |       |        |         |        |         |        |     |      |  |  |     |        |  |  |  |  |  |  |  |  |  |  |
|                                      |             |                    |                                                                                                                                                                                                                                                                                                                                                  |          |       |        |         |        |         |        |     |      |  |  |     |        |  |  |  |  |  |  |  |  |  |  |
|                                      |             |                    |                                                                                                                                                                                                                                                                                                                                                  |          |       |        |         |        |         |        |     |      |  |  |     |        |  |  |  |  |  |  |  |  |  |  |
| MAILING ADDRESS<br>5205 NW 90th Ter. |             |                    |                                                                                                                                                                                                                                                                                                                                                  |          |       |        |         |        |         |        |     |      |  |  |     |        |  |  |  |  |  |  |  |  |  |  |
| CITY<br>Kansas City                  | STATE<br>MO | ZIP CODE<br>64154  |                                                                                                                                                                                                                                                                                                                                                  |          |       |        |         |        |         |        |     |      |  |  |     |        |  |  |  |  |  |  |  |  |  |  |

|                                      |                          |                         |                                         |
|--------------------------------------|--------------------------|-------------------------|-----------------------------------------|
| JOB TYPE <u>SURFACE</u>              | HOLE SIZE <u>12 1/4"</u> | HOLE DEPTH <u>42'</u>   | CASING SIZE & WEIGHT <u>2 3/8" 13.3</u> |
| CASING DEPTH <u>40'</u>              | DRILL PIPE _____         | TUBING _____            | OTHER _____                             |
| SLURRY WEIGHT <u>15<sup>lb</sup></u> | SLURRY VOL _____         | WATER gal/sk <u>6.5</u> | CEMENT LEFT in CASING <u>5'</u>         |
| DISPLACEMENT <u>2.85</u>             | DISPLACEMENT PSI _____   | MIX PSI _____           | RATE _____                              |

REMARKS: Safety meeting. Rig up to 9 5/8" casing. Break circulation w/ 5 gal fresh water. Mixed 40 sacks class "A" cement w/ 220 cases + 220 gal @ 15# per sack. Displace w/ 2.25 gal fresh water. Shut casing in w/ good cement returns to surface. Job complete. Rig down.

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Dec 19 2005

"Thank You"

1100

[illegible]

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CONSERVATION DIVISION  
WICHITA, KS

|                 |         |
|-----------------|---------|
| 1-1-1-1         | 1580.50 |
| SALES TAX       | 344.2   |
| ESTIMATED TOTAL | 1924.70 |

AUTHORIZATION called by Doc Farrington

**TITLE** \_\_\_\_\_

DATE \_\_\_\_\_

$$1585.\underline{12}$$





| Depth            | Lithology | Shows | Drilling Time in Minutes per Foot<br>Rate of Penetration Decreases |    |    |    |    |    | Well No: Klaus meyer No. 3                                                                   | Pg 2 of 3              |
|------------------|-----------|-------|--------------------------------------------------------------------|----|----|----|----|----|----------------------------------------------------------------------------------------------|------------------------|
|                  |           |       | 5                                                                  | 10 | 15 | 20 | 25 | 30 | Location: S2 NE SE NW NE 4, 900' fm<br>1500' fe   section 36, T27S-R9E, GWLO.                | Datum/Elev.<br>GL 1186 |
|                  |           |       | Sample Descriptions                                                |    |    |    |    |    |                                                                                              | Tops/Remarks           |
| 1800<br>11-18-07 |           |       |                                                                    |    |    |    |    |    | sh, gy, silty                                                                                |                        |
|                  |           |       |                                                                    |    |    |    |    |    | LS, DK brown, dense, NS                                                                      | Pawnee LS              |
|                  |           |       |                                                                    |    |    |    |    |    | LS, grayish-tan, f-x+ln, fr xp<br>woodst, NS, No Flr                                         | 1827(-641)             |
|                  |           |       |                                                                    |    |    |    |    |    | AA, cream to itgyish-tan                                                                     |                        |
|                  |           |       |                                                                    |    |    |    |    |    | sh, dy                                                                                       |                        |
| 1850             |           |       |                                                                    |    |    |    |    |    | LS, brnsh-gy, dense, NS                                                                      |                        |
|                  |           |       |                                                                    |    |    |    |    |    | LS, bnish-gy, dense, NS                                                                      |                        |
|                  |           |       |                                                                    |    |    |    |    |    | sh, blk ?                                                                                    |                        |
|                  |           |       |                                                                    |    |    |    |    |    | sh, gy                                                                                       |                        |
|                  |           |       |                                                                    |    |    |    |    |    | Mud up                                                                                       |                        |
|                  |           |       |                                                                    |    |    |    |    |    | sh, blk                                                                                      | Fort Scott LS          |
|                  |           |       |                                                                    |    |    |    |    |    | LS, cream to gy ish-tan, f-x+ln,<br>NS, fr xp, fss.                                          | 1880(-694)             |
|                  |           |       |                                                                    |    |    |    |    |    | LS, brnsh-gy, v-fx+ln, dx                                                                    |                        |
| 1900             |           |       |                                                                    |    |    |    |    |    | sh, blk                                                                                      |                        |
|                  |           |       |                                                                    |    |    |    |    |    | sh, gy, tod kg                                                                               |                        |
|                  |           |       |                                                                    |    |    |    |    |    | LS, gy, v-fx+ln, prp, NS                                                                     |                        |
|                  |           |       |                                                                    |    |    |    |    |    | sh, blk                                                                                      | Cherokee               |
|                  |           |       |                                                                    |    |    |    |    |    | sh, gy                                                                                       | 1914(-728)             |
|                  |           |       |                                                                    |    |    |    |    |    | sh, gy, v. calc, pyr. common                                                                 |                        |
|                  |           |       |                                                                    |    |    |    |    |    | tr. LS, tan, silty, fss.                                                                     |                        |
|                  |           |       |                                                                    |    |    |    |    |    | sh, gy, silty                                                                                |                        |
|                  |           |       |                                                                    |    |    |    |    |    | sh, gy to dk gy silty                                                                        |                        |
| 1950             |           |       |                                                                    |    |    |    |    |    | sh, vdk gy                                                                                   |                        |
|                  |           |       |                                                                    |    |    |    |    |    | LS, dk gy, trace                                                                             |                        |
|                  |           |       |                                                                    |    |    |    |    |    | sh, vdk gy, to gy                                                                            |                        |
|                  |           |       |                                                                    |    |    |    |    |    | sh, dy                                                                                       |                        |
|                  |           |       |                                                                    |    |    |    |    |    | LS, tan to bnish-gy, fss. fr. gr.                                                            |                        |
|                  |           |       |                                                                    |    |    |    |    |    | sh, gy to vdk gy, minor silt lam                                                             |                        |
|                  |           |       |                                                                    |    |    |    |    |    | LS, dk gy                                                                                    |                        |
|                  |           |       |                                                                    |    |    |    |    |    | sh, blk with coal                                                                            |                        |
|                  |           |       |                                                                    |    |    |    |    |    | SS, it gy, vfgnd, 10% oolite, silty,<br>mica, pr-fx, woodst, sil. brn tan,<br>no cl. no flr. |                        |
|                  |           |       |                                                                    |    |    |    |    |    | sh, lt gy, silty                                                                             |                        |
| 2000<br>9:20 PM  |           |       |                                                                    |    |    |    |    |    | sh, gy, silty, blk                                                                           |                        |
|                  |           |       |                                                                    |    |    |    |    |    | AA, 10% itgy siltst. lam                                                                     |                        |
|                  |           |       |                                                                    |    |    |    |    |    | LS, tan, silty, NS                                                                           |                        |
|                  |           |       |                                                                    |    |    |    |    |    | sh, silty, silty, gy-dk gy                                                                   |                        |
|                  |           |       |                                                                    |    |    |    |    |    | sh, gy, siltst lam (30%), itgy, corb<br>mica                                                 |                        |
| 2050             |           |       |                                                                    |    |    |    |    |    | siltstone, itgy, coarse, mica                                                                |                        |

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WICHITA, KS

| Depth               | Lithology | Shows | Drilling Time in Minutes per Foot<br>Rate of Penetration Decreases                |    |    |    |    |    |  | Well No: Klausmeyer No. 3                                                                                                                                  |  | Pg. 3 of 3                     |
|---------------------|-----------|-------|-----------------------------------------------------------------------------------|----|----|----|----|----|--|------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------|
|                     |           |       |  |    |    |    |    |    |  | Location: SE NE SE 1/4 WNE 4, 900' Am, 1500' Tel, sec. 36, T27S-R9E, G.W.C.O. KS                                                                           |  | Datum/Elev. GL 1186            |
|                     |           |       | 5                                                                                 | 10 | 15 | 20 | 25 | 30 |  | Sample Descriptions                                                                                                                                        |  | Tops/Remarks                   |
| 2050<br>11-18-07    |           |       |                                                                                   |    |    |    |    |    |  | Siltstone, lt gy, slightly v. ss, mica pr φ, NS                                                                                                            |  |                                |
|                     |           |       |                                                                                   |    |    |    |    |    |  | Sh. gy and siltstone, lt gy to grn-gy 50% sh, tan, clayey                                                                                                  |  |                                |
|                     |           |       |                                                                                   |    |    |    |    |    |  | 50% siltst. lt gy, mica                                                                                                                                    |  |                                |
| midnite<br>11-19-07 |           |       |                                                                                   |    |    |    |    |    |  | Sh, blk, minor v. lg                                                                                                                                       |  |                                |
|                     |           |       |                                                                                   |    |    |    |    |    |  | Sh, all shades gy, blk                                                                                                                                     |  |                                |
| 2100                |           |       |                                                                                   |    |    |    |    |    |  | Sh, blk, gy, 70% siltst lam                                                                                                                                |  |                                |
|                     |           |       |                                                                                   |    |    |    |    |    |  | Sh, blk, minor grn-gy, gy                                                                                                                                  |  |                                |
|                     |           |       |                                                                                   |    |    |    |    |    |  | AA                                                                                                                                                         |  |                                |
|                     |           |       |                                                                                   |    |    |    |    |    |  | LS, dk brown                                                                                                                                               |  |                                |
|                     |           |       |                                                                                   |    |    |    |    |    |  | LS, dk brown, f. mx + lgy, rain, tan, NS                                                                                                                   |  |                                |
|                     |           |       |                                                                                   |    |    |    |    |    |  | Sh, lt gy, 35, black                                                                                                                                       |  |                                |
|                     |           |       |                                                                                   |    |    |    |    |    |  | Sh, vdk gy                                                                                                                                                 |  |                                |
| 2150                |           |       |                                                                                   |    |    |    |    |    |  | Sh, gy                                                                                                                                                     |  |                                |
|                     |           |       |                                                                                   |    |    |    |    |    |  | LS, vdk gy, min. f. ss.                                                                                                                                    |  |                                |
|                     |           |       |                                                                                   |    |    |    |    |    |  | Sh, vdk gy                                                                                                                                                 |  |                                |
|                     |           |       |                                                                                   |    |    |    |    |    |  | AA                                                                                                                                                         |  |                                |
|                     |           |       |                                                                                   |    |    |    |    |    |  | AA, w/ brnish-gc lg, 20% coal                                                                                                                              |  |                                |
|                     |           |       |                                                                                   |    |    |    |    |    |  | Sh, lt gy, gy, vdk gy, 5% siltst lam                                                                                                                       |  |                                |
| 2200                |           |       |                                                                                   |    |    |    |    |    |  | Congl. 7 chert, 5-20%, whit gy, cl, tan, silty sh, v. lg 20% siltst, 5% sh, var. ind; trace f. m. & s. grains, well ind toward bott. No odor, NS, NS f. r. |  |                                |
|                     |           |       |                                                                                   |    |    |    |    |    |  | LS, dolo, tan-gy, f. mx + lgy, pr φ, NS                                                                                                                    |  | Miss. LS 2207 (-1021)          |
|                     |           |       |                                                                                   |    |    |    |    |    |  | Dol, tan-gy, v. f. x + lgy, pr-frix φ, fr. v. gy φ, No odor, No show, Dol. LS 10% chert, 10% wh-tan-gy, fr. glauc.                                         |  | Miss Dol Porosity 2211 (-1025) |
|                     |           |       |                                                                                   |    |    |    |    |    |  | Dol, gy, wgy mottling, v. f. x + lgy, fr. x φ, fr-gd v. gy φ, 3-10% chert, NS, NS f. r.                                                                    |  |                                |
|                     |           |       |                                                                                   |    |    |    |    |    |  | Increase in dolo LS to ~40%, NS Dol, gyish-brn, NS chert 10%                                                                                               |  |                                |
|                     |           |       |                                                                                   |    |    |    |    |    |  | shale, dolomitc, dk gy-brn, earthy, pr φ, lighter fluid like odor No show oil, no flr or cut, fr chert                                                     |  |                                |
| 2250                |           |       |                                                                                   |    |    |    |    |    |  | dolo shale, dk gy-br, pr φ, NS lighter fluid odor                                                                                                          |  |                                |
|                     |           |       |                                                                                   |    |    |    |    |    |  | AA                                                                                                                                                         |  |                                |
|                     |           |       |                                                                                   |    |    |    |    |    |  | AA                                                                                                                                                         |  |                                |
| 11-19-07            |           |       |                                                                                   |    |    |    |    |    |  |                                                                                                                                                            |  | Total Depth 2280 (-1094)       |

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CONSERVATION DIVISION  
WICHITA, KS

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