

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 # 5682  
Name: Hughes Drilling Co.  
Address: 122 N. Main  
City/State/Zip: Wellsville, Ks. 66092  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Carl C. Hughes  
Phone: (785) 883-2235  
Contractor: Name: Hughes Drilling Co.  
License: 5682  
Wellsite Geologist: none

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     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. \_\_\_\_\_

|                                   |                 |   |
|-----------------------------------|-----------------|---|
| <u>6/5/07</u>                     | <u>6/17/07</u>  | <u>6/22/07</u>                          |
| Spud Date or<br>Recompletion Date | Date Reached TD | Completion Date or<br>Recompletion Date |

API No. 15 - 011-23248-06-60  
County: Bourbon  
NE SE SW SE Sec. 22 Twp. 23 S. R. 22  East  West  
430 feet from  N (circle one) Line of Section  
1427 feet from  W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE  SE NW SW  
Lease Name: Smith Well #: 1  
Field Name: Bronson-Xenia  
Producing Formation: D&A  
Elevation: Ground: na Kelly Bushing: \_\_\_\_\_  
Total Depth: 615 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 29.30 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan PA NH 7-15-08  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
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: Carl C. Hughes  
Title: partner Date: 8/16/07  
Subscribed and sworn to before me this 14 day of August  
2007  
Notary Public: Gerlyn K. Green  
Date Commission Expires: 9/25/2009

**KCC Office Use ONLY**

Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

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KANSAS CORPORATION COMMISSION  
AUG 22 2007

NOTARY PUBLIC  
STATE OF KANSAS  
GERLYN K. GREEN  
My Appt. Exp. 9/25/2009

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Hughes Drilling Co. Lease Name: Smith Well #: 1  
 Sec. 22 Twp. 23 S. R. 22  East  West County: Bourbon

**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 checked="" type="checkbox"/> Yes <input 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 type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample<br>Name Top Datum<br>Bartlesville 481 488 |
|--|--|

| CASING RECORD <input checked="" 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   | 10 7/8            | 7"                        | 15                | 29.30         | portland       | 18           |                            |
|   |                   |                           |                   |               |                |              |                            |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD  |                  |                |             |                            |
|--|------------------|----------------|-------------|----------------------------|
| Purpose:   | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><input type="checkbox"/> 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><i>(Amount and Kind of Material Used)</i> |
|----------------|---|--|
|                | D&A   | plugged hole-10 sacks cement at T.D. 615'  |
|                |   | 10 sacks cement at 500'  |
|                |   | 34 sacks cement at 150' to surface   |
|                |   | 50/50 poz- 6% gel cement   |

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

Disposition of Gas:  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval:  Other (Specify) \_\_\_\_\_

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 WICHITA, KS

# HUGHES DRILLING REPORT

522, T23, A22e  
 430 PSL  
 1427 PSL  
 FORMATION DRILLED  
 API # 15-011-23248

Well No. **#1** SET IN PIPE PERMANENT CSG. TUBING  
 Size **7"** Size **18 5/8"** Size **6 1/2"**  
 Farm **Smith** Feet **29, 30'** Feet **185'** Feet **615'**  
 Water Streak @ Cond. **naw** Cond. **to surface** Cond. **615'**  
 Water Level @ Top Sand T. D. at Completion **615'**  
 Approved \_\_\_\_\_ Contractor **HUGHES DRILLING CO.**  
 Superintendent \_\_\_\_\_

| STRATA THICKNESS | FORMATION DRILLED | T. D. |
|------------------|-------------------|-------|
| 2                | soil              | 2     |
| 24               | clay              | 26    |
| 32               | shale             | 58    |
| 2                | slate             | 60    |
| 10               | shale             | 70    |
| 2                | lime              | 72    |
| 18               | shale             | 90    |
| 14               | lime              | 104   |
| 10               | shale             | 114   |
| 5                | gray sand         | 119   |
| 51               | shale             | 170   |
| 2                | shale             | 172   |
| 2                | shale             | 174   |
| 18               | lime              | 192   |
| 8                | shale             | 200   |
| 6                | lime              | 206   |
| 39               | shale             | 245   |
| 19               | lime              | 264   |
| 3                | slate             | 267   |
| 2                | shale             | 269   |
| 3                | lime              | 272   |
| 103              | shale             | 375   |
| 2                | lime              | 377   |
| 1                | slate             | 378   |
| 66               | shale             | 444   |
| 3                | brk sand          | 447   |
| 21               | brk sand          | 468   |
| 13               | gray sand         | 481   |
| 7                | gray sand         | 488   |
| 2                | coar              | 490   |
| 61               | shale             | 551   |
| 16               | gray sand         | 567   |
| 14               | shale             | 581   |
| 7                | gray sand         | 588   |
| 8                | shale             | 596   |
| 2                | slate             | 598   |
| 3                | br shale          | 601   |
| 14               | shale             | 615   |
|                  |                   | 70    |

| DATE       | HOURS OF TOUR | DRILLED |     | REMARKS - TYPE WORK - BILLING REF.      | PIPE TALLY   |
|------------|---------------|---------|-----|---|--------------|
|            |               | FROM    | TO  |   |              |
| 6/5/07     |               | 0       | 2   | soil                                    | ① 22.0-22.0  |
|            |               | 2       | 26  | clay (some gravel 20-26)                |              |
| 29'        |               | 26      | 58  | shale                                   | ② 22.5-44.5  |
| 26         |               | 58      | 60  | (slate 58-60)                           | ③ 22.5-67.0  |
| cemented   |               | 60      | 70  | shale                                   | ④ 22.5-89.5  |
| 7 surface  |               | 70      | 72  | lime                                    | ⑤ 22.5-116.0 |
| with 18 sk |               | 72      | 90  | shale                                   | ⑥ 22.5-134.5 |
| cement     |               | 90      | 104 | lime                                    | ⑦ 22.5-157.0 |
| mag bit    |               | 104     | 114 | shale                                   | ⑧ 22.5-179.5 |
| 6/7/07     |               | 114     | 119 | gray sand                               | ⑨ 22.5-202.0 |
|            |               | 119     | 170 | shale                                   | ⑩ 22.5-224.5 |
|            |               | 170     | 172 | slate                                   | ⑪ 22.5-247.0 |
|            |               | 172     | 174 | shale                                   | ⑫ 22.5-269.5 |
|            |               | 174     | 192 | lime (RainBow 180-184)                  | ⑬ 22.5-292.0 |
|            |               | 192     | 200 | shale                                   | ⑭ 22.5-314.5 |
|            |               | 200     | 206 | lime                                    | ⑮ 22.5-337.0 |
|            |               | 206     | 245 | shale (Slate 206-208)                   | ⑯ 22.5-359.5 |
|            |               | 245     | 264 | lime (RainBow 252-250)                  | ⑰ 22.5-382.0 |
|            |               | 264     | 267 | slate                                   | ⑱ 22.5-404.5 |
|            |               | 267     | 269 | shale                                   | ⑲ 22.5-427.0 |
|            |               | 269     | 272 | lime                                    | ⑳ 22.5-449.5 |
|            |               | 272     | 356 | shale (lime break 347) (lime break 356) |              |
|            |               | 356     | 357 | slate                                   | ㉑ 22.5-472.0 |
|            |               | 357     | 375 | shale                                   | ㉒ 22.5-494.5 |
|            |               | 375     | 377 | lime                                    | ㉓ 22.5-517.0 |
|            |               | 377     | 378 | slate                                   | ㉔ 22.5-539.5 |
|            |               | 378     | 444 | shale (lime break 412)                  | ㉕ 22.5-562.0 |

6/6/07 - cemented in 29,30' of 7" surface pipe with 18 sacks cement

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 WICHITA, KS



# HUGHES DRILLING CO.

Wellsville, Kansas 66092

Roger 913-883-2255  
Darrel 913-883-4027

CORE TIME

Ron 913-883-4655  
Clay 913-883-4383

LEASE Smith #1

FORMATION Bartlesville

DATE: 6-7-07

(RPM 3" Shave Bit)

| FROM  | FEET TO | TIME            | MINUTES                               | REMARKS   |
|-------|---------|-----------------|---------------------------------------|---|
| 444   | 447     | Chip sample     | —                                     | Sand lamin w/shale (Bleeding 0.1 approx 30 grav)                |
| 447   | 468     | Chip Sample     | —                                     | LT. Brown sand (solid) 447-468<br>Black sand (near bit) 468-481 |
| 481   | 482     | Chip sample     | —                                     | 3/4 solid sand (Bleeding 0.1) 481-482.5                         |
| ① 482 | 483     | 3:25:00-3:25:30 | :30                                   | shale 482.5-483   |
| ② 483 | 484     | 3:26:00         | :30                                   | } solid sand (some bleeding)                                    |
| ③ 484 | 485     | 3:26:45         | :45                                   |   |
| ④ 485 | 486     | 3:28:00         | 1:15                                  |   |
| ⑤ 486 | 487     | 3:29:00         | 1:00                                  | } sdy lime  |
| ⑥ 487 | 488     | 3:30:00         | 1:00                                  |   |
| ⑦ 488 | 489     | 3:30:30         | :30                                   | } sand lamin w/shale (487-488.3) some bleed                     |
| ⑧ 489 | 490     | 3:31:00         | :30                                   |   |
| ⑨ 490 | 491     | 3:31:30         | :30                                   | } slate (coal) 488.3-489.5                                      |
| ⑩ 491 | 492     | 3:32:00         | :30                                   |   |
| ⑪ 492 | 493     | 3:33:00         | 1:00 <sup>stop</sup> <sub>joint</sub> |   |
| ⑫ 493 | 494     | 3:37:00-3:37:45 | :45                                   | } SHALE   |
| ⑬ 494 | 495     | 3:38:30         | :45                                   |   |
| ⑭ 495 | 496     | 3:39:15         | :45                                   |   |
| ⑮ 496 | 497     | 3:40:00         | :45                                   |   |
| ⑯ 497 | 498     | 3:40:45         | :45                                   |   |
| ⑰ 498 | 499     | 3:41:15         | :30                                   |   |
| ⑱ 499 | 500     | 3:42:00         | :45                                   |   |
| ⑲ 500 | 501     | 3:42:45         | :45                                   |   |
| ⑳ 501 | 502     | 3:43:45         | 1:00                                  |   |

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CONSERVATION DIVISION  
WICHITA, KS

CONSOLIDATED OIL WELL SERVICES, INC.  
P.O. BOX 884, CHANUTE, KS 66720  
620-431-9210 OR 800-467-8676

TICKET NUMBER 15496  
LOCATION Ottawa  
FOREMAN Alan Made

TREATMENT REPORT & FIELD TICKET  
CEMENT

3425

| DATE                        | CUSTOMER #      | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|-----------------------------|-----------------|--------------------|---------|----------|-------|--------|
| 6-22-07                     | <del>3532</del> | Smith #1           | 22      | 23       | 22    | BB     |
| CUSTOMER<br>Hughes Drilling |                 |                    | TRUCK # |          |       |        |
| MAILING ADDRESS<br>122 Main |                 |                    | DRIVER  |          |       |        |
| CITY<br>Wellsville          |                 |                    | TRUCK # |          |       |        |
| STATE<br>KS                 |                 | ZIP CODE<br>66092  | DRIVER  |          |       |        |
|                             |                 |                    | 516     | Alan M   |       |        |
|                             |                 |                    | 368     | Harold B |       |        |
|                             |                 |                    | 503     | Gary A   |       |        |

JOB TYPE plug HOLE SIZE 3/4 HOLE DEPTH 615 CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Established rate. Mixed & pumped 10sx 50/50 poz, 6% gel @ 615'. Pulled steel to 500', pumped 10sx more pulled to 150' & filled to surface. Pulled steel out & topped off hole.

Customer supplied water  
10.5x 615', 10.5x 500' 38.5x 150' sur. Alan Made

| ACCOUNT CODE                              | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL   |
|---|-------------------|------------------------------------|------------|---------|
| 5405N                                     |                   | PUMP CHARGE plug                   | 368        | 840.00  |
| 5406                                      | 55                | MILEAGE                            | 368        | 181.50  |
| 5407                                      | min               | tan miles                          | 503        | 286.00  |
| 1118B                                     | 348'              | gel                                |            | 52.20   |
| 1124                                      | 54.5x             | 50/50 poz                          |            | 477.90  |
|   |                   | Sub                                |            | 1836.60 |
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| AUG 22 2007                               |                   |                                    |            |         |
| CONSERVATION DIVISION<br>WICHITA KS       |                   |                                    |            |         |
|   |                   | WOT# 214363                        | 6.3        | 33.40   |
| SALES TAX ESTIMATE TOTAL                  |                   |                                    |            | 1870.00 |

AUTHORIZATION Clay Hughes TITLE partner DATE \_\_\_\_\_