

**CONFIDENTIAL**

**ORIGINAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

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

*Full  
Date  
10/02/08*

*10/01/08*

Operator: License # 4767  
 Name: Ritchie Exploration, Inc.  
 Address: P. O. Box 783188  
 City/State/Zip: Wichita, KS 67278-3188  
 Purchaser: NCRA  
 Operator Contact Person: John Niernberger  
 Phone: (316) 691-9500  
 Contractor: Name: \_\_\_\_\_  
 License: \_\_\_\_\_  
 Wellsite Geologist: \_\_\_\_\_  
 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: SAME AS ABOVE  
 Well Name: WALLER 2  
 Original Comp. Date: 11/27/90 Original Total Depth: 3730  
 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>08/30/2008</u>                 | <u>08/30/2008</u> | <u>09/09/2008</u>                       |
| Spud Date or<br>Recompletion Date | Date Reached TD   | Completion Date or<br>Recompletion Date |

API No. 15 - 163-22961-0002  
 County: Rooks  
SE NW NW Sec. 6 Twp. 7 S. R. 20  East  West  
4290 feet from S (circle one) Line of Section  
4290 feet from E (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Waller Well #: 2  
 Field Name: Solobow Southeast  
 Producing Formation: Toronto, LKC, Arbuckle  
 Elevation: Ground: 2213 Kelly Bushing: 2218  
 Total Depth: 3730' Plug Back Total Depth: 3716  
 Amount of Surface Pipe Set and Cemented at 218 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set 1790 Feet  
 If Alternate II completion, cement circulated from 1790  
 feet depth to surface w/ 475 sx cmt.

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**KCC**

Drilling Fluid Management Plan WD NH 11-24-08  
 (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: \_\_\_\_\_  
 Title: Production Manager Date: 10/01/2008  
 Subscribed and sworn to before me this 1<sup>st</sup> day of October  
20 08  
 Notary Public: Ronda Messer  
 Date Commission Expires: 5/7/2012

**RONDA MESSER**  
 NOTARY PUBLIC  
 STATE OF KANSAS  
 My Appt. Exp. 5/7/12

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**OCT 02 2008**

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Ritchie Exploration, Inc. Lease Name: Waller Well #: 2  
 Sec. 6 Twp. 7 S. R. 20  East  West County: Rooks

**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  Yes  No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum

(See Attached Document)

List All E. Logs Run:

*RA Guard Log*  
*no new logs run w/ this well.*

| 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   |                   | 8 5/8"                    |                   | 218           |                | 160          |                            |
| Production  |                   | 4 1/2"                    | 10.5#             | 3729'         |                | 125          |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD   |                  |                |             |                            |
|---|------------------|----------------|-------------|----------------------------|
| Purpose:                                | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate      |                  |                |             |                            |
| <input type="checkbox"/> Protect Casing |                  |                |             |                            |
| <input type="checkbox"/> Plug Back TD   |                  |                |             |                            |
| <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>(Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
|                | 3615'; 3600'; 3577' (LKC) 12/87   | 1800 gals 28%   |       |
| 2              | 3613'-3617'; 3598'-3601'; 3576'-3578'; 3449'-3454' (LKC) 12/87                            | 1000 gals 28%   |       |
| 3              | 3436'-3438' (Toronto) 11/90   | 750 gals 15%  |       |
| 4              | 3690.5'-3695.5'; 3682.5'-3687.5' (Arbuckle) 09/04/08                                      | 1000 gals 15% INS   |       |

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| TUBING RECORD | Size   | Set At | Packer At | Liner Run   |
|---------------|--------|--------|-----------|---|
|               | 2 3/8" | 3709   |           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

Date of First, Resumerd Production, SWD or Enhr. 09/09/2008 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
|                                   | 3.45      |         | 25.35       |               |         |

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)  
 METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_  
 Production Interval \_\_\_\_\_

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CONSERVATION DIVISION  
 WICHITA, KS

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

N<sup>o</sup> 894

New

Home Office P. O. Box 31

Russell, Kansas 67665

|                     |                        |          |            |          |                    |       |     |            |         |             |          |           |         |   |         |  |
|---------------------|------------------------|----------|------------|----------|--------------------|-------|-----|------------|---------|-------------|----------|-----------|---------|---|---------|--|
| Date                | 11-22-87               | Sec.     | 6          | Twp.     | 7s                 | Range | 20w | Called Out | 8:00 AM | On Location | 11:00 AM | Job Start | 1:30 PM | Finish  | 2:00 PM |  |
| Lease               | Waller                 | Well No. | # 2        | Location | Nicomemus 6N 12 E. |       |     | County     | ROOKS   | State       | KANSAS   |           |         |   |         |  |
| Contractor          | MURFIN DRUG RIG # 8    |          |            |          |                    |       |     |            |         |             |          |           |         | Owner   |         |  |
| Type Job            | PRODUCTION STRING (DY) |          |            |          |                    |       |     |            |         |             |          |           |         | To Allied Cementing Co., Inc.<br>You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. |         |  |
| Hole Size           | 7 7/8                  |          | T.D.       | 3730     |                    |       |     |            |         |             |          |           |         |   |         |  |
| Csg.                | 4 1/2                  |          | Depth      | 3729     |                    |       |     |            |         |             |          |           |         |   |         |  |
| Tbg. Size           |                        |          |            |          |                    |       |     |            |         |             |          |           |         | Depth   |         |  |
| Drill Pipe          |                        |          |            |          |                    |       |     |            |         |             |          |           |         | Depth   |         |  |
| Tool                | DY Arrow 48 Joint      |          | Depth      | 1790'    |                    |       |     |            |         |             |          |           |         |   |         |  |
| Cement Left in Csg. | 38'                    |          | Shoe Joint | 38'      |                    |       |     |            |         |             |          |           |         |   |         |  |
| Press Max.          |                        |          |            |          |                    |       |     |            |         |             |          |           |         | Minimum   |         |  |
| Meas Line           | L                      |          |            |          |                    |       |     |            |         |             |          |           |         | Displace  |         |  |
| Perf.               |                        |          |            |          |                    |       |     |            |         |             |          |           |         |   |         |  |

Charge To **Ritchie Exploration, Inc.**  
 Street **125 N Market # 1000**  
 City **Wichita** State **KS 67202**  
 The above was done to satisfaction and supervision of owner agent or contractor

Purchase Order No. **X Tom Paul**  
 RECEIVED KANSAS CORPORATION COMMISSION  
 OCT 02 2008

**10 SK Salt FLUSH CEMENT**  
 Amount Ordered **140 SK 6 3/4 10% Salt**  
 CONSERVATION DIVISION WICHITA, KS

|               |                              |
|---------------|------------------------------|
| Consisting of |                              |
| Common        | 84 SK @ 5.00 = 420.00        |
| Poz. Mix      | 56 SK @ 2.10 = 117.60        |
| Gel.          |                              |
| Chloride      |                              |
| Quickset      |                              |
| SALT          | 24 SK @ 4.75 = 114.00        |
| Sales Tax     |                              |
| Handling      | .75 Per SK = 105.00          |
| Mileage       | 3¢ Per mile 32 mile = 134.40 |
| Sub Total     | 891.00                       |
| Total         | 891.00                       |

Floating Equipment

|                      |                 |
|----------------------|-----------------|
| 1- Guide Shoe        | 104.00          |
| 1- AFU, Insert       | 161.00          |
| 6- Cent. 1.4-8-12-48 | 246.00          |
| 1- Basket -48        | 108.00          |
| 1- DY TOOL -48       | 2,267.00        |
| <b>Total</b>         | <b>2,886.00</b> |

### EQUIPMENT

|              |     |          |          |
|--------------|-----|----------|----------|
| Pumptrk #153 | No. | Cementer | Phon Ron |
|              |     | Helper   |          |
| Pumptrk      | No. | Cementer | goal     |
|              |     | Helper   |          |
| Bulktrk #155 |     | Driver   |          |
| Bulktrk      |     | Driver   |          |

DEPTH of Job

|            |                  |        |
|------------|------------------|--------|
| Reference: | Pump TRUCK chrg. | 838.00 |
|            | 1.00 per mile    | 32.00  |
| Sub Total  |                  |        |
| Tax        |                  |        |
| Total      |                  | 870.00 |

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Remarks: **KCC**  
**Float Held**  
**(Bottom stage)**

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC. N<sup>o</sup> 895

Home Office P. O. Box 31

Russell, Kansas 67665

*New*

|                     |                          |          |    |            |         |          |                     |            |        |             |         |           |        |        |        |
|---------------------|--------------------------|----------|----|------------|---------|----------|---------------------|------------|--------|-------------|---------|-----------|--------|--------|--------|
| Date                | 11-22-87                 | Sec.     | 6  | Twp.       | 7s      | Range    | 20w                 | Called Out | 8:00AM | On Location | 11:00AM | Job Start | 2:45PM | Finish | 3:30PM |
| Lease               | Waller                   | Well No. | #2 |            |         | Location | Nickodemus 6x 1/2 E |            |        | County      | ROOKS   |           | State  | KANSAS |        |
| Contractor          | MURFIN DRBG. Rig. #8     |          |    |            |         |          |                     |            |        |             |         |           |        |        |        |
| Type Job            | PRODUCTION STRING (D.V.) |          |    |            |         |          |                     |            |        |             |         |           |        |        |        |
| Hole Size           | 7 7/8                    |          |    | T.D.       | 3730'   |          |                     |            |        |             |         |           |        |        |        |
| Csg.                | 4 1/2                    |          |    | Depth      | 3729'   |          |                     |            |        |             |         |           |        |        |        |
| Tbg. Size           |                          |          |    | Depth      |         |          |                     |            |        |             |         |           |        |        |        |
| Drill Pipe          |                          |          |    | Depth      |         |          |                     |            |        |             |         |           |        |        |        |
| Tool                | ARROW DY TOOL            |          |    | Depth      | @ 1790' |          |                     |            |        |             |         |           |        |        |        |
| Cement Left in Csg. |                          |          |    | Shoe Joint |         |          |                     |            |        |             |         |           |        |        |        |
| Press Max.          |                          |          |    | Minimum    |         |          |                     |            |        |             |         |           |        |        |        |
| Meas Line           | L                        |          |    | Displace   |         |          |                     |            |        |             |         |           |        |        |        |

Owner *Same*  
 To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To *Ritchie Exploration, Inc.*  
 Street *125 N. MARKET #1000*  
 City *Wichita* State *KS 67202*  
 The above was done to satisfaction and supervision of owner agent or contractor

Purchase Order No.  
 X *Tom Port*

**CEMENT**

|                |                         |  |                 |
|----------------|-------------------------|--|-----------------|
| Amount Ordered | <i>475 sk 5% 6% gel</i> |  |                 |
| Consisting of  |                         |  |                 |
| Common         | <i>238 SK @ 5.00</i>    |  | <i>1,190.00</i> |
| Poz. Mix       | <i>237 SK @ 2.10</i>    |  | <i>497.70</i>   |
| Gel.           | <i>28 SK @ 6.75</i>     |  | <i>189.00</i>   |
| Chloride       |                         |  |                 |
| Quickset       |                         |  |                 |

**EQUIPMENT**

|         |             |     |             |                      |
|---------|-------------|-----|-------------|----------------------|
| Pumptrk | #           | No. | Cementer    | <i>Shawn<br/>Don</i> |
|         | <i>153</i>  |     | Helper      |                      |
| Pumptrk |             | No. | Cementer    | <i>Gerald</i>        |
|         |             |     | Helper      |                      |
| Bulktrk | <i>#150</i> |     | NOV 30 1987 |                      |
| Bulktrk |             |     | Driver      |                      |

|           |                            |                 |
|-----------|----------------------------|-----------------|
| Handling  | <i>.75 per sk</i>          | <i>356.25</i>   |
| Mileage   | <i>3¢ per mile 32 mile</i> | <i>456.00</i>   |
| Sub Total |                            |                 |
| Total     |                            | <i>2,688.95</i> |

**DEPTH of Job**

|               |                             |                           |
|---------------|-----------------------------|---------------------------|
| Reference:    | <i>Pump Truck Chrg. 450</i> | <i>CONFIDENTIAL</i>       |
|               |                             | <i>OCT 01 2008</i>        |
|               |                             | <i>KCC CONFIDENTIAL</i>   |
|               |                             | <i>Floating Equipment</i> |
|               |                             | <i>OCT 01</i>             |
|               |                             | <i>KCC</i>                |
| Sub Total Tax |                             |                           |
| Total         | <i>450.00</i>               |                           |

**Remarks:**

*Cement Circulated  
 (TOP Stage)*

*Shawn  
 Don*

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CONSERVATION DIVISION  
 WICHITA, KS

Phone 918-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No 682

|                     |                    |            |      |          |                                 |       |    |            |  |             |         |           |  |        |         |     |
|---------------------|--------------------|------------|------|----------|---------------------------------|-------|----|------------|--|-------------|---------|-----------|--|--------|---------|-----|
| Date                | 11-15-87           | Sec.       | 6    | Twp.     | 7                               | Range | 20 | Called Out |  | On Location | 6:00 PM | Job Start |  | Finish | 8:15 PM |     |
| Lease               | Valler             | Well No.   | 2    | Location | Logan Rd + 0124 - 4N - 12W Hook |       |    | County     |  |             |         |           |  |        | State   | Kan |
| Contractor          | Mur Fin Digs Co #8 |            |      |          |                                 |       |    |            |  |             |         |           |  |        |         |     |
| Type Job            | Surface            |            |      |          |                                 |       |    |            |  |             |         |           |  |        |         |     |
| Hole Size           | 12 1/4             | T.D.       | 219' |          |                                 |       |    |            |  |             |         |           |  |        |         |     |
| Csg.                | 8 5/8              | Depth      | 218' |          |                                 |       |    |            |  |             |         |           |  |        |         |     |
| Tbg. Size           |                    | Depth      |      |          |                                 |       |    |            |  |             |         |           |  |        |         |     |
| Drill Pipe          |                    | Depth      |      |          |                                 |       |    |            |  |             |         |           |  |        |         |     |
| Tool                |                    | Depth      |      |          |                                 |       |    |            |  |             |         |           |  |        |         |     |
| Cement Left in Csg. |                    | Shoe Joint |      |          |                                 |       |    |            |  |             |         |           |  |        |         |     |
| Press Max.          |                    | Minimum    |      |          |                                 |       |    |            |  |             |         |           |  |        |         |     |
| Meas Line           |                    | Displace   | ✓    |          |                                 |       |    |            |  |             |         |           |  |        |         |     |
| Perf.               |                    |            |      |          |                                 |       |    |            |  |             |         |           |  |        |         |     |

Owner  
To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To  
A. Scott Ritchie  
Street  
125 N Market #1000  
City  
Wichita  
State  
Kan 67203

The above was done to satisfaction and supervision of owner agent or contractor

Purchase Order No.  
X *Matt Sheffield*  
CEMENT

### EQUIPMENT

|             |          |          |
|-------------|----------|----------|
| No.         | Cementor | Valk Jim |
| Pumptrk 197 | Helper   |          |
| No.         | Cementor | Handy    |
| Pumptrk     | Helper   |          |
| Bulktrk 60  | Driver   |          |
| Bulktrk     | Driver   |          |

|                |                                 |        |
|----------------|---------------------------------|--------|
| Amount Ordered | 160 SKS 60/40 702, 3/6CC - 2/60 |        |
| Consisting of  |                                 |        |
| Common         | 96 SKS @ 5.00                   | 480.00 |
| Poz. Mix       | 64 SKS @ 2.10                   | 134.40 |
| Gel.           | 3 SKS @ 67.50                   | 202.50 |
| Chloride       | 5 SKS @ 20.00                   | 100.00 |
| Quickset       |                                 |        |

|              |               |        |
|--------------|---------------|--------|
| DEPTH of Job |               |        |
| Reference    | Pump truck    | 360.00 |
|              | Plus          | 40.00  |
|              | 1.00 per mile | 34.00  |
|              | Sub Total     |        |
|              | Tax           |        |
| Remarks:     | Total         | 434.00 |

|           |                |         |
|-----------|----------------|---------|
| Handling  | 75¢ per SK     | 120.00  |
| Mileage   | 3¢ per SK/mile | 163.20  |
| 34 miles  | NOV 17 1987    |         |
| Sub Total |                |         |
| Total     |                | 1017.60 |

Floating Equipment  
NOV 17 1987  
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KANSAS CORPORATION COMMISSION  
OCT 02 2008  
CONSERVATION DIVISION  
WICHITA, KS

Cement Did Circ

*Handy*

Office Copy  
Marked Tops & Tests

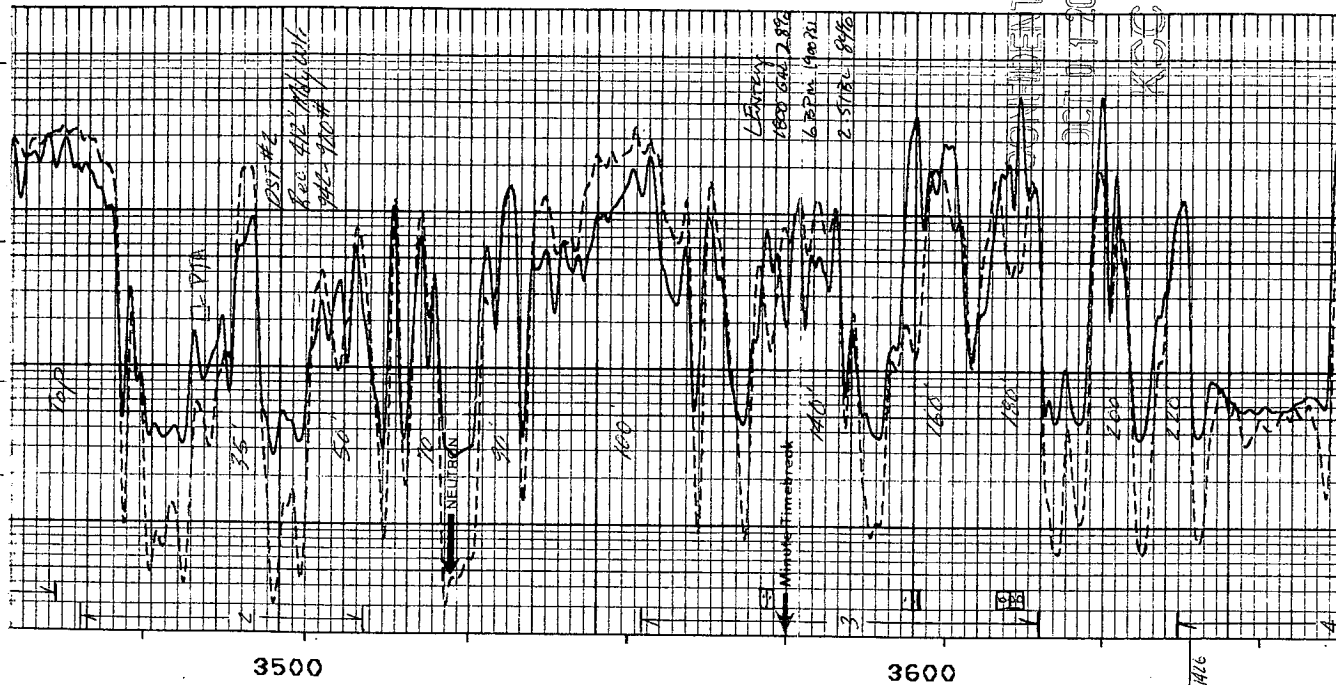
WELL FILE  
DO NOT REMOVE

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OCT 02 2008  
CONSERVATION DIVISION  
WICHITA, KS

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R. A. GUARD  
LOG



COMPANY: RITCHIE EXPLORATION, INC  
WELL: #2 WALLER  
FIELD:  
COUNTY: ROOKS

FILE NO.:  
STATE: KANSAS  
COUNTRY: USA

LOCATION: SE-NU-NU

SEC: 6 TWP: 7S RGE: 20W

DATE: 11/21/87  
RUN NO.: 1

ELEVATIONS:  
KB: 2218.0  
DF: 0  
GL: 2213.0

PERMANENT DATUM: GL  
DRILLING MEASURED FROM: KB  
LOG MEASURED FROM: KB  
ABOVE PERMANENT DATUM: 5.0

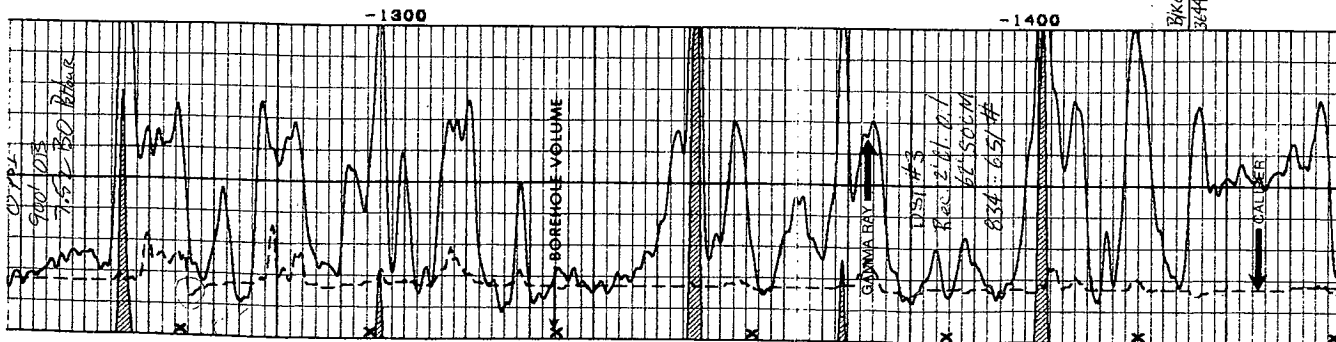
DEPTH--DRILLER: 3730.0  
DEPTH--LOGGER: 3726.0  
BOTTOM LOG INTERVAL: 3723.0  
TOP LOG INTERVAL: 195.0

SERVICES:  
GR10  
ENPC

CASING DEPTH--DRILLER: 218.0  
CASING DEPTH--LOGGER: 216.0  
CASING DIAMETER: 8.625  
BIT SIZE: 7.875

UNIT NO.: 46  
LOCATION: G.B.  
RECORDED BY: B. HARRELL  
WITNESSED BY: BOB MATHIESEN

SOFTWARE VERSION:  
401



Office Copy  
Marked Tops of Tests

WELL FILE:  
DO NOT REMOVE

**GREAT GUNS**  
LOGGING  
DIGITAL LOG

R. A. GUARD  
LOG

COMPANY: RITCHIE EXPLORATION, INC  
WELL: #2 WALLER  
FIELD:  
COUNTY: ROOKS

FILE NO.:  
STATE: KANSAS  
COUNTRY: USA

LOCATION: SE-NW-NW

SEC: 6 TWP: 7S RGE: 20W

DATE: 11/21/87  
RUN NO.: 1

ELEVATIONS:  
KB: 2218.0  
DF: 0  
GL: 2218.0

PERMANENT DATUM: GL  
DRILLING MEASURED FROM: KB  
LOG MEASURED FROM: KB  
ABOVE PERMANENT DATUM: 5.0

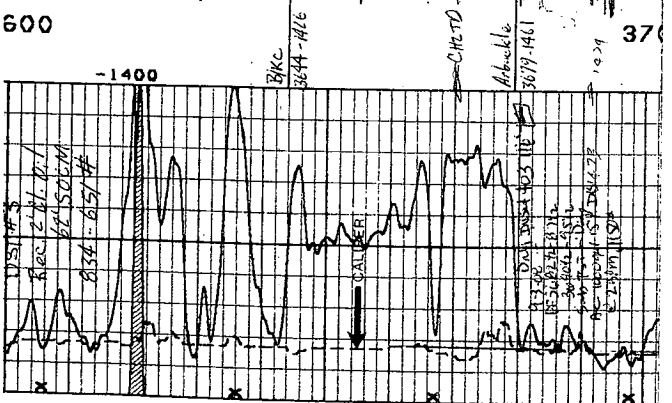
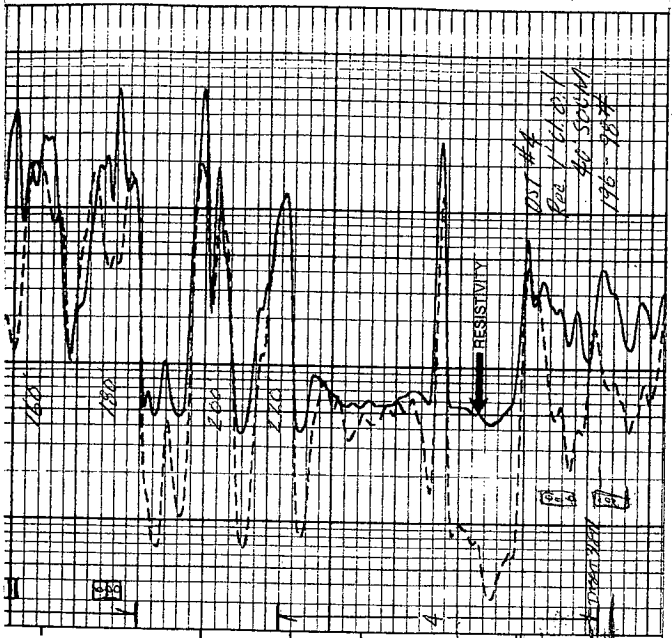
DEPTH--DRILLER: 3730.0  
DEPTH--LOGGER: 3726.0  
BOTTOM LOG INTERVAL: 3723.0  
TOP LOG INTERVAL: 195.0

SERVICES:  
GR10  
ENPG

CASING DEPTH--DRILLER: 218.0  
CASING DEPTH--LOGGER: 216.0  
CASING DIAMETER: 8.625  
BIT SIZE: 7.875

UNIT NO.: 46  
LOCATION: G. B.  
RECORDED BY: B. HARRELL  
WITNESSED BY: BOB MATHIESEN

SOFTWARE VERSION:  
401



CONFIDENTIAL

OCT 01 2008

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OCT 02 2008

CONSERVATION DIVISION  
WICHITA, KS