

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33209

Name: Penn Virginia Oil & Gas Corporation

Address 1: Seven Sheridan Square, Suite 200

Address 2: \_\_\_\_\_

City: Kingsport State: TN Zip: 37660 +

Contact Person: Jim Burns, Operation Manager

Phone: ( 423 ) 723-0230

CONTRACTOR: License # 32854

Name: Gulick Drilling Company, Inc.

Wellsite Geologist: None

Purchaser: None

Designate Type of Completion:

New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_

\_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW

Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW

\_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd.

\_\_\_\_\_ 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. \_\_\_\_\_ Conv. to SWD

\_\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth

\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No.: \_\_\_\_\_

\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No.: \_\_\_\_\_

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

11/18/2003      11/24/2003      12/19/2003

Spud Date or \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date or  
Recompletion Date \_\_\_\_\_ Recompletion Date

API No. 15 - 017-20850 - 0000

Spot Description: \_\_\_\_\_

E2 - NW4 - NE4 - Sec. 26 Twp. 21 S. R. 6  East  West

660 Feet from  North /  South Line of Section

1720 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

County: Chase

Lease Name: Odle 26-2 Well #: 6

Field Name: \_\_\_\_\_

Producing Formation: Pennsylvania Coals

Elevation: Ground: 1407 Kelly Bushing: 1415

Total Depth: 3570 Plug Back Total Depth: 3533

Amount of Surface Pipe Set and Cemented at: 215 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/ 11-1-1/2" - 4/20/09 <sup>5x cmt.</sup>

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: Dispose of Drilling Fluids in Mercer 26-4-4 SWD Docket # D-28,253

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: James Burns

Title: OPERATIONS MANAGER Date: 4/20/2009

Subscribed and sworn to before me this 20th day of April

20 \_\_\_\_\_

Notary Public: James Burns

Date Commission Expires: 19-2009

KCC Office Use ONLY

N Letter of Confidentiality Received

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

\_\_\_\_\_ Geologist Report Received

\_\_\_\_\_ UIC Distribution

RECEIVED

APR 21 2009

KCC WICHITA

Operator Name: Penn Virginia Oil & Gas Corporation Lease Name: Odle 26-2 Well #: 6  
 Sec. 26 Twp. 21 S. R. 6  East  West County: Chase

**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> | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                           | Name Top Datum<br>Ft. Scott Ls. 2650 1235  |
| Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   | Cherokee Group 2684 1269   |
| Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(Submit Copy)</i>                    | Mississippian 3086 1671  |
| List All E. Logs Run:<br><b>Density, Neutron, Induction, GR/CBL/CCL</b>   | Boice Chatanooga Sh 3410 1995  |

| 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                | 214'          | A              | 165          | 3% CaCl2                                     |
| Production  | 7 7/8"            | 5 1/2"                    | 15.5              | 3534'         | A              | 200          | 4% Gel, 8# Cal Seal<br>2% CaCl2, 4# Kol Seal |
|   |                   |                           |                   |               |                |              |  |

| 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>(Amount and Kind of Material Used) | Depth     |
|----------------|---|---|-----------|
| 1              | 3010-3012; 3034-3047; 3054-3060   | 5,200 LB Sand, 500 BW, 1000 Gal, NEFE Acid  | 3010-3060 |
|                |   |   |           |
|                |   |   |           |

|   |           |   |                                   |
|---|-----------|---|-----------------------------------|
| TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>3100</u> Packer At: _____ |           | Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  | <b>KCC WICHITA</b>                |
| Date of First, Resumed Production, SWD or Enhr. <u>02/01/2004</u>       |           | Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |                                   |
| Estimated Production Per 24 Hours                                       | Oil Bbls. | Gas Mcf   | Water Bbls. Gas-Oil Ratio Gravity |

|   |  |  |
|---|--|--|
| DISPOSITION OF GAS:<br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION:<br><input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled<br><input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL:<br>_____<br>_____ |
|---|--|--|

**RECEIVED**  
**APR 21 2004**

# BLUE STAIR ACID SERVICE, INC.

PO Box 103  
Eureka, Kansas 67045

Ordering Ticket  
and Invoice Number

N<sup>o</sup> 5155

|  |                       |                                 |               |                   |   |                             |                                |                          |
|--|-----------------------|---------------------------------|---------------|-------------------|---|-----------------------------|--------------------------------|--------------------------|
| Date<br>11-25-03                             | Customer Order No.    | Sect.<br>26                     | Twp.<br>21S   | Range<br>6E       | Truck Called Out                                      | On Location<br>12:45 PM     | Job Began<br>1:10 AM           | Job Completed<br>1:55 AM |
| Owner<br>Penn-Virginia Oil & Gas Corp.       |                       | Contractor<br>Gulick Drilg. Co. |               |                   | Charge To<br>Penn-Virginia Oil & Gas Corp.            |                             |                                |                          |
| Mailing Address<br>2550 E. Stone DR. STE 110 |                       | City<br>Kingsport               |               |                   | State<br>TN. 37660                                    |                             |                                |                          |
| Well No. & Form #<br>ODLE 26-2-6             |                       | Place                           |               | County<br>CHASE   | State<br>KANSAS                                       |                             |                                |                          |
| Depth of Well<br>3570'                       | Depth of Job<br>3534' | Casing<br>(NEW) Used            | Size<br>5 1/2 | Weight<br>15.50 # | Size of Hole<br>Amt. and Kind<br>of Cement<br>200 SKS | Cement Left<br>in casing by | Request<br>(Necessity) 0' feet |                          |
| Kind of Job<br>Longstring                    |                       |                                 |               |                   | Drillpipe   | Rotary<br>Cable             | Truck No. #21                  |                          |

Price Reference No. #1

Price of Job 665.00

Second Stage \_\_\_\_\_

Mileage 507 112.50

Other Charges \_\_\_\_\_

Total Charges 777.50

Remarks Safety Meeting: Rig up to 5 1/2 casing. Break Circulation with 15 BBL fresh water. Mixed 200 SKS Thick Set Cement with 4# Kol-Seal per/sk @ 13.6 # per/gal (yield 1.67). Shut down. Wash out Pump & Lines. Release Plug. Displace with 84.25 BBL fresh water. FINAL Pumping Pressure 800 psi. Bump Plug to 1300 psi. wait 5 minutes. Release Pressure. Float Held. shut casing in @ 0 psi. Good Circulation AT ALL times while Cementing. Job Complete 1:55 AM Rig down.

Cementor Kevin McCoy

Helper Mike, Justin, Jason District EUREKA State KANSAS

The above job was done under supervision of the owner, operator, or his agent whose signature appears below.

THANK YOU x [Signature] Agent of contractor or operator

Sales Ticket for Materials Only

| Quantity Sacks     | BRAND AND TYPE                           | PRICE          | TOTAL   |
|--------------------|--|----------------|---------|
| 200 SKS            | Thick Set Cement                         | 10.75          | 2150.00 |
| 800 #              | Kol-Seal 4# per/sk                       | .30            | 240.00  |
| 5 HRS              | 80 BBL VAC TRUCK #20                     | 65.00          | 325.00  |
| 1                  | Load City water                          | 30.00          | 30.00   |
| <b>RECEIVED</b>    |  |                |         |
| <b>APR 21 2009</b> |  |                |         |
| <b>KCC WICHITA</b> |  |                |         |
| 2                  | 5 1/2 Cement BASKETS                     | 106.00         | 212.00  |
| 4                  | 5 1/2 x 7 7/8 Centralizers               | 28.00          | 112.00  |
| 1                  | 5 1/2 AFU FLOAT shoe                     | 160.00         | 160.00  |
| 1                  | 5 1/2 Top Rubber Plug                    | 40.00          | 40.00   |
|                    | 200 SKS Handling & Dumping               | .50            | 100.00  |
|                    | 9.4 TONS Mileage 50                      | .80            | 376.00  |
|                    | Sub Total                                |                | 4512.50 |
|                    | Delivered by #22 Truck No.               | Discount       |         |
|                    | Delivered from EUREKA                    | Sales Tax 6.3% | 284.29  |
|                    | Signature of operator <u>Kevin McCoy</u> | Total          | 4796.79 |

# BLUE STAR ACID SERVICE, INC.

PO Box 103  
Eureka, Kansas 67045

Working Ticket  
and Invoice Number

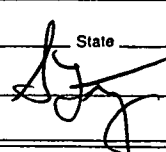
Nº 5120

|  |                             |  |                       |                         |   |   |  |                                    |
|--|-----------------------------|--|-----------------------|-------------------------|---|---|--|------------------------------------|
| Date<br><b>11-19-03</b>                              | Customer Order No.          | Sect.<br><b>26</b>   | Twp.<br><b>21</b>     | Range                   | Truck Called Out<br><b>6:00 a.m.</b>                            | On Location<br><b>8:00 a.m.</b>                                   | Job Began<br><b>10:00 a.m.</b>   | Job Completed<br><b>10:30 a.m.</b> |
| Owner<br><b>Penn-Virginia Oil &amp; Gas Corp.</b>    |                             | Contractor<br><b>Gulick Drdg. Co.</b>  |                       |                         | Charge To<br><b>Penn-Virginia Oil &amp; Gas Corp.</b>           |   |  |                                    |
| Mailing Address<br><b>2550 E. Stone Dr. Ste #110</b> |                             | City<br><b>Kingsport</b>   |                       |                         | State<br><b>T.N. 37660</b>                                      |   |  |                                    |
| Well No. & Form<br><b>OLDF 26-2 #6</b>               |                             | Place<br><b>Chase</b>  |                       |                         | State<br><b>Kansas</b>  |   |  |                                    |
| Depth of Well<br><b>215'</b>                         | Depth of Job<br><b>214'</b> | Casing<br>( <input checked="" type="radio"/> New)<br>( <input type="radio"/> Used) | Size<br><b>8 5/8"</b> | Weight<br><b>23 lb.</b> | Size of Hole Amt. and Kind of Cement<br><b>12 1/4" 165 sks.</b> | Cement Left in casing by  | ( <input checked="" type="radio"/> Request)<br>Necessity<br><b>20'</b> | feet                               |
| Kind of Job<br><b>Surface Job</b>                    |                             |  |                       |                         | Drillpipe   | ( <input type="radio"/> Rotary)<br>( <input type="radio"/> Cable) | Truck No. <b>#25</b>   |                                    |

|                     |                   |
|---------------------|-------------------|
| Price Reference No. |                   |
| Price of Job        | <b>425.00</b>     |
| Second Stage        |                   |
| Mileage             | <b>507 112.50</b> |
| Other Charges       |                   |
| Total Charges       | <b>537.50</b>     |

Remarks **Safety Meeting: Rig up to 8 5/8" casing, Break circulation with 10 Bbl. Fresh water. Mixed 165 sks. Reg. cement w/ 3% CaCl<sub>2</sub> & 1/2 lb. #16 Fleecle. as 14-lb. #16. Shutdown - Release Plug. Displace Plug with 12 1/4 Bbls Fresh water. Shutdown - close casing in. Good cement returns to surface w/ 8 Bbls. Slurry = 38 sks. cement**

**Job complete - Teardown**

Cementer **Brad Buttr**  
 Helper **Rick - Alan** District **Eureka** State **Kansas**  
 The above job was done under supervision of the owner, operator, or his agent whose signature appears below.  
 "Thank you"  Agent of contractor or operator

Sales Ticket for Materials Only

| Quantity Sacks                          | BRAND AND TYPE                  | PRICE                       | TOTAL   |
|---|---------------------------------|-----------------------------|---------|
| 165                                     | sks. Regular - Class "A" cement | 7.75                        | 1278.75 |
| 465                                     | lbs. CaCl <sub>2</sub> 3%       | .35                         | 162.75  |
| 82                                      | lbs. Fleecle 1/2 lb. #16/sk     | 1.00                        | 82.00   |
| <b>RECEIVED</b>                         |                                 |                             |         |
| 2                                       | 8 5/8" - 12 1/4 Centralizers    | 37.50                       | 75.00   |
| 1                                       | 8 5/8" Basket                   | 153.00                      | 153.00  |
| 1                                       | 8 5/8" Wooden Plug              | 45.00                       | 45.00   |
| <b>KCC WICHITA</b>                      |                                 |                             |         |
| Plugs                                   |                                 | 165 sks. Handling & Dumping | .50     |
|   |                                 | 7.75 Tax Mileage 50         | .80     |
|   |                                 | Sub Total                   | 2726.50 |
|   |                                 | Discount                    |         |
| Delivered by Truck No. <b>#16</b>       |                                 | Sales Tax                   | 6.3%    |
| Delivered from <b>Eureka</b>            |                                 | Total                       | 2898.27 |
| Signature of operator <b>Brad Buttr</b> |                                 |                             |         |