

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas  
Well Operator's Report of Well Work

Farm Name: Carol Walls Operator Well No. Geary #623

LOCATION: Elevation: 1133' Quadrangle: Newton

District: Henry County: Clay

Latitude 8,475 Feet South of 38 Deg. 32 Min. 30 Sec.

Longitude 11,650 Feet West of 81 Deg. 07 Min. 30 Sec.

|                                    |                       |                 |                  |              |                        |
|------------------------------------|-----------------------|-----------------|------------------|--------------|------------------------|
| Company:                           | Triad Resources, Inc. | Casing & Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. |
| Address:                           | P.O. Box 430          |                 |                  |              |                        |
|                                    | Reno, Ohio 45773      | 9 5/8"          | 35'              | 0'           | pulled                 |
| Agent:                             | Kimberly Arnold       |                 |                  |              |                        |
| Inspector:                         | Terry Urban           | 7"              | 421'             | 378'         | 95 cu. ft.             |
| Date Permit Issued:                | 9/22/2006             |                 |                  |              |                        |
| Date Well Work Commenced:          | 10/10/2006            | 4 1/2"          | 2222'            | 2198'        | 150 cu. ft.            |
| Date Well Work Completed:          | 01/03/2007            |                 |                  |              |                        |
| Verbal Plugging:                   |                       | 2"              |                  | 2100'        |                        |
| Date Permission granted on:        |                       |                 |                  |              |                        |
| Rotary                             | X Cable               |                 |                  |              |                        |
| Total Depth (feet):                | 2222'                 |                 |                  |              |                        |
| Fresh Water Depth (ft.):           | none encountered      |                 |                  |              |                        |
|                                    |                       |                 |                  |              |                        |
| Salt Water Depth (ft.):            | 1460'                 |                 |                  |              |                        |
|                                    |                       |                 |                  |              |                        |
| Is coal being mined in area (N/Y): | No                    |                 |                  |              |                        |
| Coal Depths (ft.):                 | N/A                   |                 |                  |              |                        |

OPEN FLOW DATA

|                                                   |                                          |                        |                       |
|---------------------------------------------------|------------------------------------------|------------------------|-----------------------|
| Producing formation                               | <u>Squaw</u>                             | Pay zone depth (ft)    | <u>2049' – 2055'</u>  |
| Gas: Initial open flow                            | <u>        </u> MCF/d                    | Oil: Initial open flow | <u>        </u> Bbl/d |
| Final open flow                                   | <u>15</u> MCF/d                          | Final open flow        | <u>5</u> Bbl/d        |
| Time of open flow between initial and final tests |                                          |                        | <u>        </u> Hours |
| Static rock Pressure                              | <u>400</u> psig (surface pressure) after |                        | <u>72</u> Hours       |

|                                                   |                                          |                        |                       |
|---------------------------------------------------|------------------------------------------|------------------------|-----------------------|
| Second Producing formation                        | <u>Big Lime</u>                          | Pay zone depth (ft)    | <u>1933' – 1939'</u>  |
| Gas: Initial open flow                            | <u>        </u> MCF/d                    | Oil: Initial open flow | <u>        </u> Bbl/d |
| Final open flow                                   | <u>10</u> MCF/d                          | Final open flow        | <u>-</u> Bbl/d        |
| Time of open flow between initial and final tests |                                          |                        | <u>        </u> Hours |
| Static rock Pressure                              | <u>400</u> psig (surface pressure) after |                        | <u>72</u> Hours       |

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG, WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: \_\_\_\_\_  
By: Rocky Roberts  
Date: 2/01/2007

06/13/2025

**PERFORATION INTERVALS AND FRACTURE TREATMENT:****FIRST STAGE:**

2049' - 2055' 24 shots 0.39" HSC

|                      |             |         |      |
|----------------------|-------------|---------|------|
| FLUID TYPE:          | Fresh water | 123,480 | GALS |
| ACID TYPE:           | 15% HCl     | 1,000   | GALS |
| NITROGEN:            |             | SCF     |      |
| SAND:                | 50,000      | LBS     |      |
| BREAKDOWN PRESS:     |             | 2,311   | PSIG |
| AVG. TREATING PRESS: |             | 2,350   | PSIG |
| AVG. RATE:           | 35          | BPM     |      |
| ISIP:                | 1,340       | PSIG    |      |
| 5-MIN SIP:           | 1,225       | PSIG    |      |

**SECOND STAGE:**

1933' - 1939' 24 shots 0.39" HSC

|                      |             |       |      |
|----------------------|-------------|-------|------|
| FLUID TYPE:          | Fresh water | 5,880 | GALS |
| ACID TYPE:           | 15% HCl     | 3,000 | GALS |
| NITROGEN:            |             | SCF   |      |
| SAND:                |             | LBS   |      |
| BREAKDOWN PRESS:     |             | 3,200 | PSIG |
| AVG. TREATING PRESS: |             | 750   | PSIG |
| AVG. RATE:           | 8           | BPM   |      |
| ISIP:                | 475         | PSIG  |      |
| 5-MIN SIP:           |             | PSIG  |      |

**THIRD STAGE:**

|                      |  |      |      |
|----------------------|--|------|------|
| FLUID TYPE:          |  |      | GALS |
| ACID TYPE:           |  |      | GALS |
| NITROGEN:            |  | SCF  |      |
| SAND:                |  | LBS  |      |
| BREAKDOWN PRESS:     |  |      | PSIG |
| AVG. TREATING PRESS: |  |      | PSIG |
| AVG. RATE:           |  | BPM  |      |
| ISIP:                |  | PSIG |      |
| 5-MIN SIP:           |  | PSIG |      |

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**FORMATIONS:**

|             | <b>TOP</b> | <b>BOTTOM</b> |
|-------------|------------|---------------|
| Sand        | 0'         | 76'           |
| Sandy Shale | 76'        | 150'          |
| Sand        | 150'       | 166'          |
| Sandy Shale | 166'       | 248'          |
| Sand        | 248'       | 358'          |
| Shaly Sand  | 358'       | 398'          |
| Shale       | 398'       | 410'          |
| Sandy Shale | 410'       | 430'          |
| Shale       | 430'       | 450'          |
| Sandy Shale | 450'       | 574'          |
| Shaly Sand  | 574'       | 654'          |
| Sand        | 654'       | 681'          |
| Shale       | 681'       | 696'          |
| Coal        | 696'       | 702'          |
| Sandy Shale | 702'       | 762'          |
| Coal        | 762'       | 764'          |
| Shaly Sand  | 764'       | 836'          |
| Coal        | 836'       | 838'          |
| Shale       | 838'       | 850'          |
| Coal        | 850'       | 854'          |
| Shale       | 854'       | 882'          |
| Sand        | 882'       | 900'          |
| Shale       | 900'       | 906'          |
| Coal        | 906'       | 910'          |
| Shale       | 910'       | 948'          |
| Sand        | 948'       | 982'          |
| Shale       | 982'       | 1058'         |
| Sand        | 1058'      | 1072'         |
| Shaly Sand  | 1072'      | 1199'         |
| Sand        | 1199'      | 1207'         |
| Shale       | 1207'      | 1240'         |
| Sand        | 1240'      | 1266'         |
| Shaly Sand  | 1266'      | 1308'         |
| Salt Sand   | 1308'      | 1696'         |
| Maxton      | 1764'      | 1815'         |
| Little Lime | 1815'      | 1856'         |
| Pencil Cave | 1856'      | 1868'         |
| Big Lime    | 1868'      | 1977'         |
| Big Injun   | 1977'      | 2020'         |
| Squaw       | 2055'      | 2062'         |