





Date August 3, 1983  
 Operator's \_\_\_\_\_  
 Well No. A-1149  
 Farm Leggett  
 API No. 47 - 017 - 3146

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES

OIL and GAS DIVISION  
 WELL OPERATOR'S REPORT

**RECEIVED**

OF  
 DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

AUG - 8 1983

WELL TYPE: OIL  / GAS X  / LIQUID INJECTION  / WASTE DISPOSAL  /  
 (If "Gas", Production  / Underground Storage  / Deep  / ~~Shallow~~  )

OIL & GAS DIVISION  
 DEPT. OF MINES

LOCATION: Elevation: 1110' Watershed Bear Fork  
 District: Southwest County: Doddridge Quadrangle: Auburn 7.5'

COMPANY Allegheny Land and Mineral Co.  
200 West Main Street  
 ADDRESS Clarksburg, West Virginia 26301

DESIGNATED AGENT Allegheny Land & Mineral  
200 West Main Street  
 ADDRESS Clarksburg, West Virginia 26301

SURFACE OWNER Mina Czigans Heirs  
 ADDRESS Rt. 1, West Union, W. Va.

MINERAL RIGHTS OWNER J.E. Leggett Heris  
 ADDRESS Burnt House, W. Va.

OIL AND GAS INSPECTOR FOR THIS WORK Stephen Cassey  
 ADDRESS Rt. 2 Box 232-D, Jane Lew, WV

PERMIT ISSUED September 27, 1983

DRILLING COMMENCED March 15, 1983

DRILLING COMPLETED March 21, 1983

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON \_\_\_\_\_

| Casing & Tubing Size Cond. | Used in Drilling | Left in Well | Cement fill up Cu. Ft. |
|----------------------------|------------------|--------------|------------------------|
| 20-16                      |                  |              |                        |
| 13-10"                     |                  |              |                        |
| 9 5/8"                     |                  |              |                        |
| 8 5/8"                     | 1381'            | 1381'        | to surface             |
| 7"                         |                  |              |                        |
| 5 1/2"                     |                  |              |                        |
| 4 1/2"                     | 5304'            | 5304'        | w/300 sks. 2145'       |
| 3                          |                  |              |                        |
| 2                          |                  |              |                        |
| Liners used                |                  |              |                        |

GEOLOGICAL TARGET FORMAION Alexander DEPTH 5400 FEET

Depth of completed well 5400 feet Rotary xxx / Cable Tools \_\_\_\_\_  
 Water Strata depth: Fresh feet Salt \_\_\_\_\_ feet  
 Coal seam depth: \_\_\_\_\_ Is coal being mined in this area? \_\_\_\_\_

OPEN FLOW DATA  
 Producing formation Alexander, Balltown, Weir & Speechly Pay zone depth (see back) feet  
 Gas: Initial open flow 103 Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow 215 Mcf/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests 4 hours  
 Static rock pressure 825 psig ( surface measurement after 144 hours shut-in  
 (If applicable due to multiple completion--)  
 Second producing formaion \_\_\_\_\_ Pay zone dpeth \_\_\_\_\_ feet  
 Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow \_\_\_\_\_ Mcf/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ hours  
 Static rock pressure \_\_\_\_\_ psig (surface measurement) after \_\_\_\_\_ hours shut-in  
 (continue on reverse side)

AUG 15 1983

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE ETC.

Well was fractured April 17, 1983

|               |                |                  |                 |         |           |
|---------------|----------------|------------------|-----------------|---------|-----------|
| Perforations: | √1 2014 - 2016 | In 16 holes      | ↓3262 - 3266    | 5 holes | Speechley |
|               | √2 2068 - 2073 | 12 holes         | √8 3308 - 3310  | 2 holes | Balltown  |
|               | √3 2198 - 2206 | 6 holes          | √1 3312 - 3313  | 1 hole  |           |
|               | √4 2216 - 2226 | 7 holes          | √9 3329 - 3330  | 1 hole  |           |
|               | √5 2273 - 2288 | Weir 16 holes    | √10 3365 - 3369 | 5 holes |           |
|               | √6 2301 - 2308 | 8 holes          | √11 4022 - 4025 | 5 holes | Alexander |
|               | √7 3254 - 3255 | Speechley 1 hole | ↓2 5119 - 5124  | 6 holes |           |
|               | √8 3256 - 3258 | 2 holes          | √13 5139 - 5147 | 9 holes |           |

WELL LOG

| FORMATION COLOR HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS                                                             |
|------------------------------|----------|-------------|---------------------------------------------------------------------|
|                              |          |             | Including indication of all fresh and salt water, coal, oil and gas |
| GL                           | 0        | 10          | Damp @ 350'                                                         |
| Sand & Shale                 | 10       | 335         | Gas check @ 1867' No show                                           |
| Sand & Shale & Red Rock      | 335      | 883         | Gas check @ 2110' 33MCF/D                                           |
| Sand & Shale                 | 883      | 1870        | Gas check @ 2605' 33MCF/D                                           |
| L. Lime                      | 1870     | 1898        | Gas check @ 2790' 69MCF/D                                           |
| Shale                        | 1898     | 1929        | Gas check @ 2945' 84MCF/D                                           |
| B. Lime                      | 1929     | 2010        | Gas check @ 3287' 103MCF/D                                          |
| Injun                        | 2010     | 2070        | Gas check @ 3747' 103MCF/D                                          |
| Shale                        | 2070     | 2742        | Gas check @ 4148' 133MCF/D                                          |
| 4th Sand                     | 2742     | 2753        | Gas check @ 4889' 103MCF/D                                          |
| Shale                        | 2753     | 2887        | Gas check @ 5195' 103MCF/D                                          |
| 5th Sand                     | 2887     | 2900        | Gas check @ 5400' 133MCF/D                                          |
| Shale                        | 2900     | 3224        |                                                                     |
| Speechley                    | 3224     | 3278        |                                                                     |
| Shale                        | 3278     | 4357        |                                                                     |
| Bradford                     | 4357     | 4360        |                                                                     |
| Shale                        | 4360     | 4835        |                                                                     |
| Benson                       | 4835     | 4851        |                                                                     |
| Shale                        | 4851     | 5150        |                                                                     |
| Alexander                    | 5150     | 5270        |                                                                     |
| Shale                        | 5270     | 5400 T.D.   |                                                                     |

(Attach separate sheets as necessary)

Allegheny Land and Mineral Company

Well Operator

By: Raymond L. Druza  
Vice President Oil & Gas Operations

Date: August 3, 1983

Note: Regulation 2.02 (i) provides as follows  
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL and GAS DIVISION  
OIL and GAS WELL PERMIT

WELL NO. A-1149  
FARM NAME Leggett  
API WELL NO. 47 - 017 - 3146  
DATE August 11, 1982

WELL TYPE: Oil      / Gas XXX /  
If "Gas", Production      / Underground storage      / Deep      / Shallow XXX /  
LOCATION: Elevation: 1110' Watershed: Bear Fork  
District: Southwest County: Doddridge Quadrangle: Auburn 7.5'

WELL OPERATOR Allegheny Land and Mineral Company  
Address P. O. Drawer 1740  
Clarksburg, West Virginia 26301

DESIGNATED AGENT Daniel L. Wheeler  
Address P. O. Drawer 1740  
Clarksburg, West Virginia 26301

OIL & GAS  
ROYALTY OWNER J. E. Leggett Heirs  
Address % J. E. Spurgeon, etal  
Burnt House, WV 26336

COAL OPERATOR       
Address     

ACREAGE 178.6  
SURFACE OWNER Mina Czigans Heirs  
Address % Lena Czigans Spurgeon  
Route 1, West Union 26456

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Harold Leggett  
Address 110 Case Avenue  
West Union, WV 26456

ACREAGE 78.2  
FIELD SALE (IF MADE) TO: Consolidated Gas Supply Corp.  
Address 445 West Main Street  
Clarksburg, Wv 26301

Name       
Address     

OIL AND GAS INSPECTION TO BE NOTIFIED  
Name Stephen Casey  
Address Rt. 2, Box 232-D  
Jane Lew, WV 26378

COAL LESSEE WITH DECLARATION ON RECORD  
Name       
Address     

RECEIVED  
AUG 12 1982  
OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes as the above location under a deed  
     / lease XX / other contract      / dated November 6, 1952, to the undersigned well operator from       
D. B. Leggett, etal

(If said deed, lease, or other contract has been recorded:)  
Recorded on     , 19    , in the office of the Clerk of the County Commission of Doddridge County, West  
Virginia in Lease Book 57 at page 378. A permit is requested as follows:

PROPOSED WORK: Drill XX / Drill deeper      / Redrill      / Fracture or stimulate      /  
Plug off old formation      / Perforate new formation      /  
Other physical change in well (specify)     

-planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish  
to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days  
after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail  
or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the  
mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Yes XX / No      / The right to extract, produce or market the oil or gas is based upon a lease or leases or other  
continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the  
owner of the oil or gas in place which is not inherently related to the volume of oil and gas so extracted, produced  
or marketed.

If the answer to this question is yes, you may use this affidavit.

AFFIDAVIT

I, Daniel L. Wheeler, Vice President, (the above designated owner or operator, or authorized representative thereof),  
after being duly sworn, do depose and say that the undersigned is authorized by the owner of the working interest in  
the well to state that it shall tender to the owner of the oil and gas in place not less than one-eighth of the  
total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or  
gas so extracted, produced or marketed before deducting the amount to be paid to or set aside for the owner of the  
oil or gas in place, all such oil or gas to be extracted, produced or marketed from the well.

ALLEGHENY LAND AND MINERAL COMPANY  
BY Daniel L. Wheeler  
Daniel L. Wheeler, Vice President

