

# PRESTON CO. COAL & COKE CO. LEASE 704.23 ACRES ±

PRESTON CO. COAL & COKE CO.  
116.35 ACRES ±  
(SURFACE)

THERE APPEARS TO BE NO KNOWN PERMITTED WELLS WITHIN 2,400 FEET.

WELL NO. 474  
47-077-0170

WELL NO. 474  
47-077-0170

DONNA J. & DONNA W. REHE  
38.36 ACRES ±  
(SURFACE)

HAROLD J. REHE  
755.03 ACRES ±  
(SURFACE)

## WELL NO. CASCADE 474 A.P.I. #47-077-0170

### NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A PLAT DATED THE 24TH DAY OF MAY, 1974 AS PREPARED BY JACKSON M. JARVIS FOR A.P.I. NO. 47-077-0170.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF PRESTON COUNTY IN JULY, 2012.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

# CANCELLED



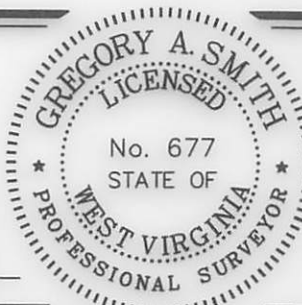
WELL NO. 474  
47-077-0170  
STATE PLANE  
COORDINATES  
(N) 386,086  
(E) 1,912,630

WELL NO. 474  
47-077-0170  
UTM (NAD'83)  
(METERS)  
COORDINATES  
(N) 4,379,567  
(E) 602,258

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677

*Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE AUGUST 2, 20 13

OPERATORS WELL NO. CASCADE 474

API WELL NO. 47-077-00170  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 8041P170R (206-15)

PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 500'

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS



WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 1,717' WATERSHED DECKERS CREEK

DISTRICT VALLEY COUNTY PRESTON QUADRANGLE MASONTOWN 7.5'

SURFACE OWNER PRESTON CO. COAL & COKE CO. ACREAGE 281.85±

ROYALTY OWNER PRESTON CO. COAL & COKE CO. OR ASSIGNS LEASE ACREAGE 704.23± 01/15/2016

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,460' - 7,535'

WELL OPERATOR ENERGY CORPORATION OF AMERICA DESIGNATED AGENT RODNEY A. WINTERS  
ADDRESS 501 56TH STREET S.E. CHARLESTON, WV 25304 ADDRESS 501 56TH STREET S.E. CHARLESTON, WV 25304

COUNTY NAME PERMIT



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west virginia department of environmental protection

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Office of Oil and Gas  
601 57th Street SE  
Charleston, WV 25304  
(304) 926-0450  
(304) 926-0452 fax

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
www.dep.wv.gov

January 12, 2016

**FINAL INSPECTION REPORT**

**Re-Work Permit Cancelled**

ENERGY CORPORATION OF AMERICA,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-7700170, issued to ENERGY CORPORATION OF AMERICA, and listed below has been received in this office. The permit has been cancelled as of 1/12/2016.

James Martin  
Chief

Operator: ENERGY CORPORATION OF AMERICA  
Operator's Well No: CASCADE 474  
Farm Name: PRESTON CO. COAL & COKE  
**API Well Number: 47-7700170**  
Date Issued: 08/30/2013

Date Cancelled: 01/12/2016

Promoting a healthy environment.

01/15/2016

**INSPECTORS PERMIT SUMMARY FORM**

GPS YES | | NO | |

DATE STARTED/LOCATION: \_\_\_\_\_ OPERATOR: ENERGY CORPORATION OF AMER  
 DRILLING COMMENCED: \_\_\_\_\_ FARM: PRESTON CO. COAL & COKE  
 TO DATE: \_\_\_\_\_ DEPTHS: \_\_\_\_\_ Well No: CASCADE 474  
 WATER DEPTHS: \_\_\_\_\_ COAL DEPTHS \_\_\_\_\_

QUESTIONS FOR THIS REPORT ARE IN ACCORDANCE OF WV CODE 22-6-30 AND REGULATIONS 35CSR 4-12.1 AND 35CSR 4-16 AND THE GENERAL WATER POLLUTION CONTROL PERMIT.

**POINTS ARE TO BE GIVEN UP TO MAXIMUM AS SHOWN BASED ON PERFORMANCE.**

1. DID OPERATOR GIVE PROPER NOTICE TO INSPECTOR BEFORE THE FOLLOWING:
  - A. CONSTRUCTION YES [ ] NO [ ] (2\_PTS) (4\_PTS) \_\_\_\_\_
  - B. DRILLING YES [ ] NO [ ] (2\_PTS)
2. WAS THE TIMBER CUT, STACKED, AND BRUSH USED FOR SEDIMENT BARRIERS BEFORE DIRT WORK STARTED? YES [ ] NO [ ] (2\_PTS) (4\_PTS) \_\_\_\_\_
3. ARE ALL LOCATION AND/OR ROAD BANKS BEING SLOPED? YES [ ] NO [ ] (4\_PTS) (4\_PTS) \_\_\_\_\_
4. CONSTRUCTIONS:  
WERE THE FOLLOWING SEDIMENT CONTROL STRUCTURES PROPERLY INSTALLED/MAINTAINED?
  - A. ROAD DITCHES (1)\_ (2)\_ (3)\_ (4)\_ (PTS) B. CROSS DRAINS (1)\_ (2)\_ (3)\_ (4)\_ (5)\_ (PTS)
  - C. CULVERTS (1)\_ (2)\_ (3)\_ (4)\_ (5)\_ (PTS) D. CREEK CROSSINGS (1)\_ (2)\_ (3)\_ (PTS)
  - E. DIVERSION DITCHES (1)\_ (2)\_ (3)\_ (PTS) F. BARRIERS (1)\_ (2)\_ (3)\_ (PTS)
  - G. TEMPORARY SEEDING YES [ ] NO [ ] (10\_PTS)

POINTS AVAILABLE FOR QUESTION 4: (33\_PTS) \_\_\_\_\_

5. HAS TOP SOIL (IF ANY) BEEN STOCKED PILED? YES [ ] NO [ ] (2\_PTS) (2\_PTS) \_\_\_\_\_
6. IS THE PIT PROPERLY INSTALLED AND MAINTAINED? YES [ ] NO [ ] (9\_PTS) (9\_PTS) \_\_\_\_\_

7. RECLAMATION:
  - A. ROADWAY (1)\_ (2)\_ (3)\_ (PTS) B. LOCATION (1)\_ (2)\_ (3)\_ (PTS)
  - C. PITS (1)\_ (2)\_ (3)\_ (PTS) D. PIPELINES (1)\_ (2)\_ (3)\_ (PTS)
  - E. TANK DIKES (1)\_ (2)\_ (3)\_ (PTS) F. API INSTALLED YES [ ] NO [ ] (3\_PTS)
  - G. ADEQUATE SEEDING MATERIALS (1)\_ (2)\_ (3)\_ (PTS)
  - H. WAS SEED BED ADEQUATE (1)\_ (2)\_ (3)\_ (PTS)

POINTS AVAILABLE FOR QUESTION 7: (24\_PTS) \_\_\_\_\_

8. WAS RECLAMATION COMPLETED WITHIN:  
6 MTHS OF TD 6\_PTS ONLY; 4 MTHS OF TD 12\_PTS ONLY; 2 MTHS OF TD 19\_PTS ONLY;

POINTS AVAILABLE FOR QUESTION 8: (19\_PTS) \_\_\_\_\_

TOTAL MAXIMUM POSSIBLE SCORE OF 99.

TOTAL RECLAMATION SCORE: \_\_\_\_\_

1/12/2016  
DATE RELEASED  
*Cancelled*

*Gaym... [Signature]*  
INSPECTOR'S SIGNATURE

RECORD INSPECTIONS TO THIS WELL ON PAGE 2