

**NOTES:**

All known oil & gas wells within 2,400' of the proposed well location are shown hereon.

The bearings and distances shown hereon are based on the WV State Plane Coordinate System, NAD 27 South Zone.

West Virginia State Plane  
 South Zone NAD '27  
 N 418,243.74 : E 1,865,250.59  
 UTM 17 - NAD 83 - Meters  
 N 4,222,316.80 : E 458,956.79

FILE #:  
 DRAWING #: Williams Coal 281 ww6  
 SCALE: 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY: 1 : 12,729  
 PROVEN SOURCE OF ELEVATION: Global Positioning System (GPS)

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 DEPARTMENT OF ENVIROMENTAL PROTECTION.

Signed: Don K. Cunningham  
 R.P.E.: \_\_\_\_\_ L.L.S.: 701



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304



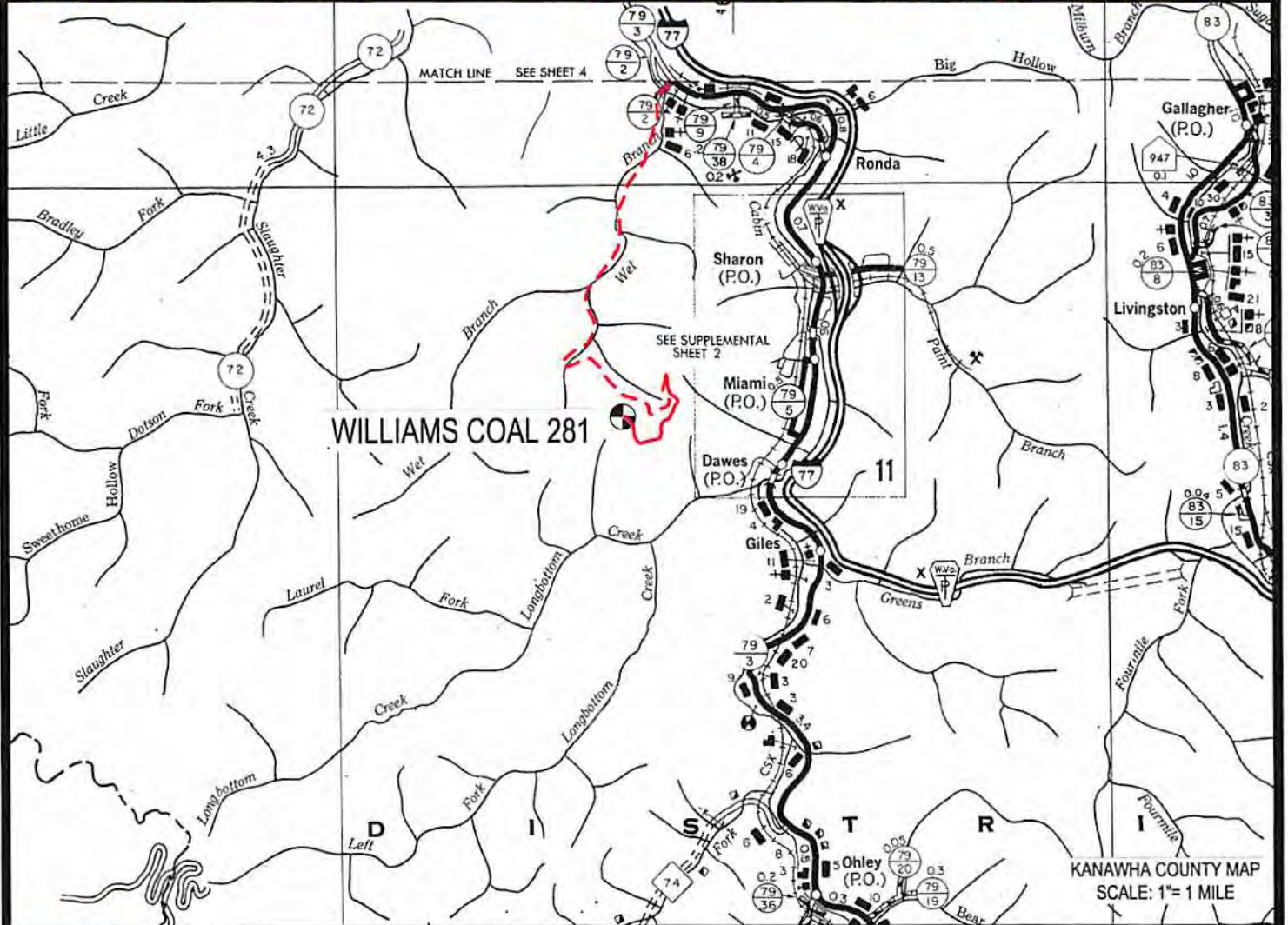
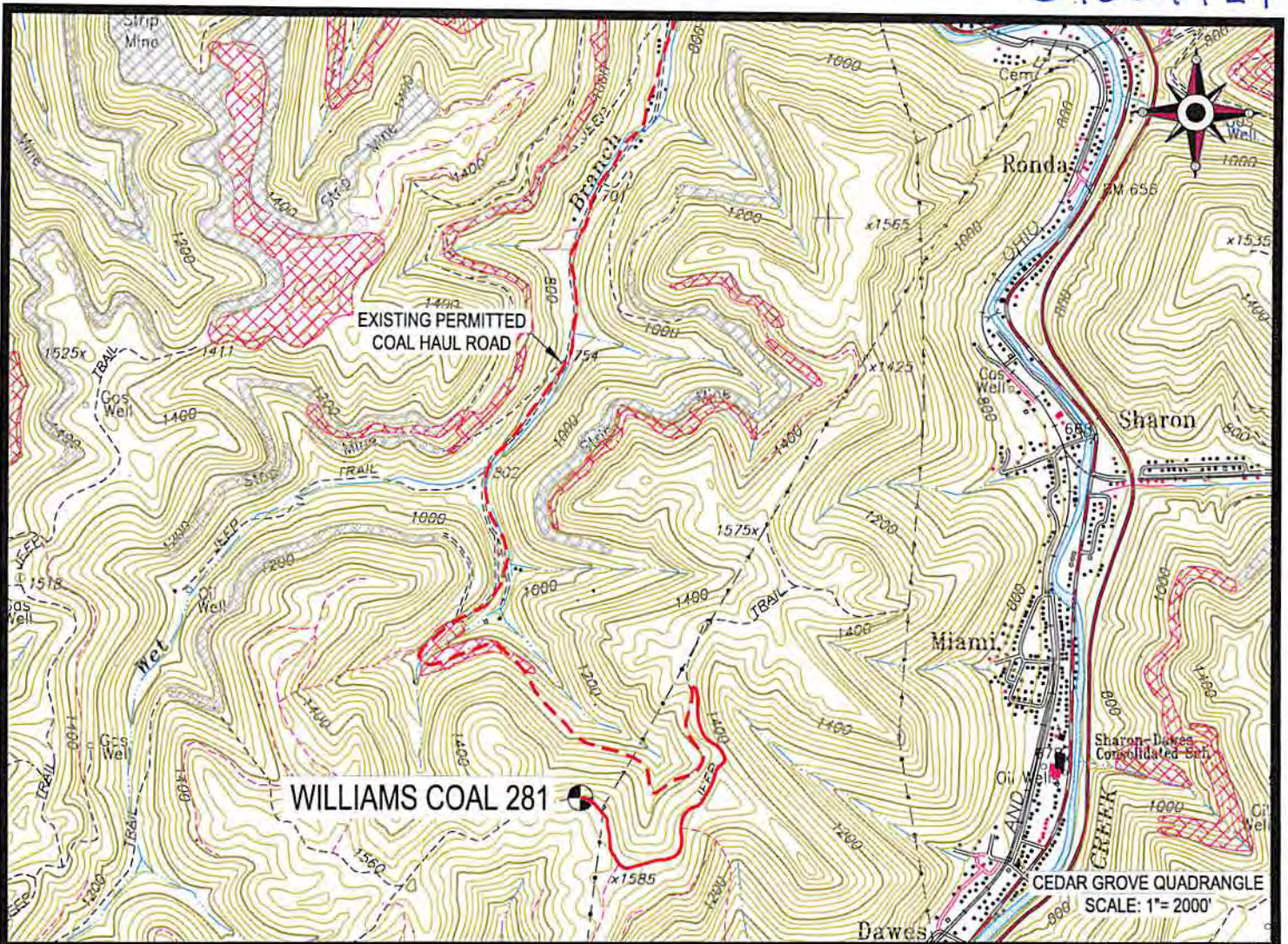
DATE: April 10, 2014  
 OPERATOR'S WELL #: Williams Coal 281  
 API WELL #: 47 039 00492 P  
 STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: Wet Branch of Cabin Creek ELEVATION: 1,576.97'  
 COUNTY/DISTRICT: Kanawha / Cabin Creek QUADRANGLE: Cedar Grove  
 SURFACE OWNER: Shonk Land Co., LLC ACREAGE: 8,633.42  
 OIL & GAS ROYALTY OWNER: Shonk Land Co., LP ACREAGE: 11,067  
 LEASE #: 47-9703 DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
 CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_

TARGET FORMATION: \_\_\_\_\_ ESTIMATED DEPTH: \_\_\_\_\_  
 WELL OPERATOR Cabot Oil & Gas Corp. DESIGNATED AGENT Whitney Johnson  
 Address Five Penn Center West, Suite 401 Address P.O. Box 450  
 City Pittsburgh State PA Zip Code 15276 City Glasgow State WV Zip Code 26032





 Cabot Oil & Gas Corporation

**WILLIAMS COAL 281**  
LOCATION MAP

LOCATED ON THE WATERSHED OF WET BRANCH  
OF CABIN CREEK  
CABIN CREEK DISTRICT, KANAWHA COUNTY, WV  
CEDAR GROVE QUADRANGLE



**CUNNINGHAM**

LAND SURVEYING & MAPPING SERVICES, LLC

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- VOICE (304) 561-4129 • FAX (304) 776-0703 •
- E-MAIL ADDRESS • DKCUNNINGHAM@SUDDENLINK.NET •

PROJECT NO. CABOT DWG. NO. WILLIAMS COAL 281 LOC  
DATE: 04-14-14 SCALE: AS NOTED  
DRAWN BY: G. PERKINS FILE: C:\PROJECT FOLDER\CABOT