

WELL REFERENCES:  
 N61-44W, 328.88' TO 1-1/4" IRON PIPE  
 S50-09W, 215.26' TO NAIL IN 24" R. MAPLE

Id	Bearing	Distance
L1	N 61°44'00" W	328.88'
L2	S 21°46'17" E	3005.67'
L3	S 86°37'56" W	255.34'

Id	Radius	Arc Length
C1	600.00'	965.15'

NAD27 WV NORTH SPC		
North	East	Description
109265.00000'	1807412.90000'	ALT9BHS (REV)
109250.00000'	1807158.00000'	TANGENT PT.
108529.91935'	1806679.78892'	LANDING PT.
105153.48711'	1807816.08390'	BOTTOM HOLE

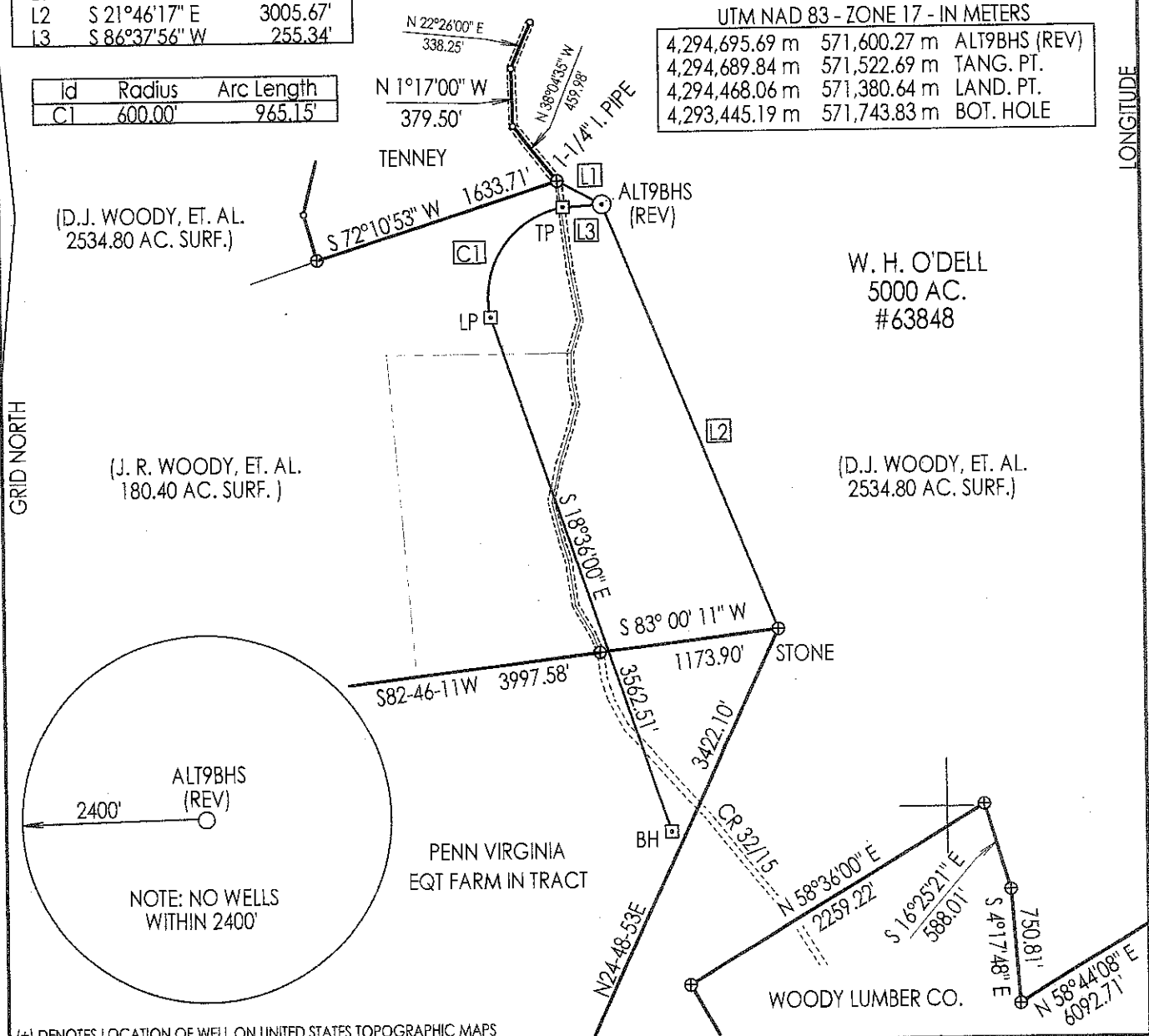
LATITUDE 38-50-00

SCALED COOR.:

2,560' WEST  
 12,910' SOUTH

UTM NAD 83 - ZONE 17 - IN METERS

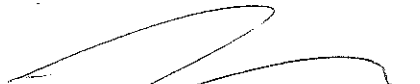
4,294,695.69 m	571,600.27 m	ALT9BHS (REV)
4,294,689.84 m	571,522.69 m	TANG. PT.
4,294,468.06 m	571,380.64 m	LAND. PT.
4,293,445.19 m	571,743.83 m	BOT. HOLE

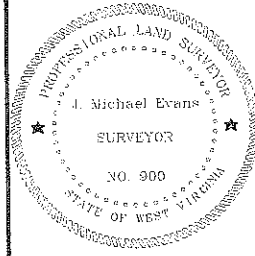


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER: \_\_\_\_\_  
 DRAWING NUMBER: CGCALT9BHSR.PCS  
 SCALE: 1" = 1,000  
 MINIMUM DEGREE OF ACCURACY: RTK CENTIMETER  
 PROVEN SOURCE OF ELEVATION: RTK CENTIMETER  
ACCURACY 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 ENERGY.

(SIGNED)   
 STEPHEN D. LOSH, PS #674



STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS  
 #10 McJUNKIN ROAD  
 NITRO, WV 25143-2506  
 FORM WW-6

LAND SURVEYING SERVICES  
 21 CEDAR LANE, BRIDGEPORT, WV 26330  
 PHONE: 304-842-2018 OR 842-5762

DATE: DECEMBER 06, 2011  
 OPERATORS WELL NO.: ALT9BHS (REV)  
 API WELL NO. 47-097-03824H  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 2393' (729.40 m) WATERSHED PANTHER CREEK  
 DISTRICT WASHINGTON COUNTY UPSHUR  
 QUADRANGLE ALTON LEASE NUMBER 63848  
 SURFACE OWNER DON J. WOODY, ET. AL. ACREAGE 2,534.80 (6Q-10)  
 OIL & GAS ROYALTY OWNER W. H. O'DELL, ET. AL. LEASE ACREAGE 5,030.81  
 PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION   
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE (SPECIFY) HORIZONTAL  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH TVD 7,400' / TMD 11,930'  
 WELL OPERATOR CNX GAS COMPANY LLC DESIGNATED AGENT KENT WRIGHT  
 ADDRESS P. O. BOX 1248 JANE LEW, WV 26378 ADDRESS P. O. BOX 1248 JANE LEW, WV 26378

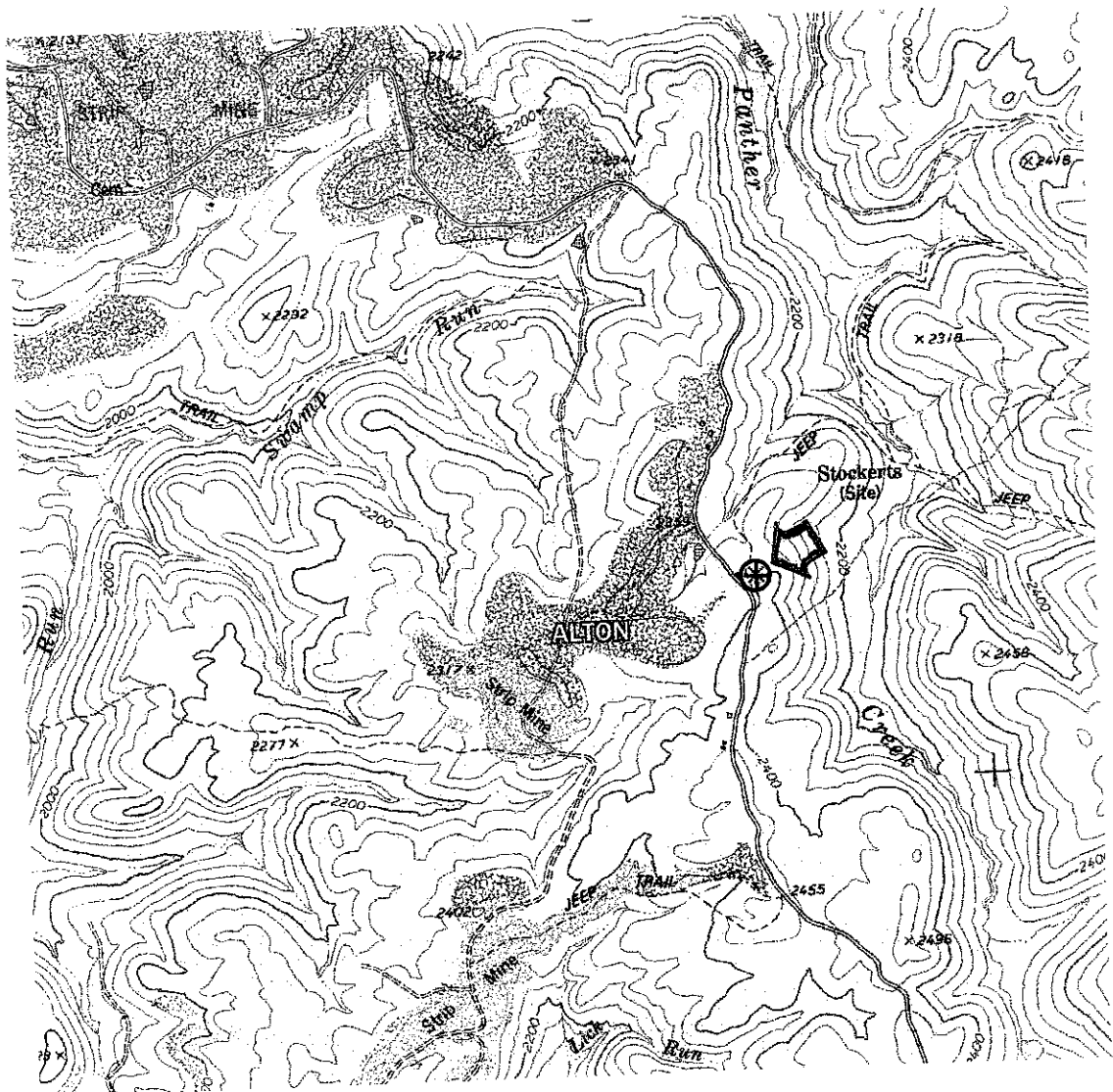
80-10-00

LONGITUDE

GRID NORTH

COUNTY NAME

PERMIT



DRAWINGS TO ACCOMPANY FORM WW-9	
CNX GAS COMPANY LLC	
P. O. BOX 1248	
JANE LEW, WV 26378	
WATERSHED:	PANTHER CREEK
DISTRICT: <u>WASHINGTON</u>	COUNTY: <u>UPSHUR</u>
QUADRANGLE: <u>ALTON</u>	WELL NO.: <u>ALT9BHS</u>
DATE: <u>07/27/11</u>	PAGE <u>    </u> of <u>    </u>

LAND SURVEYING SERVICES  
 21 CEDAR LANE  
 BRIDGEPORT, WV 26330  
 PHONE: 304-842-2018 OR 5762



west virginia department of environmental protection

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

April 11, 2012

**WELL WORK PERMIT**

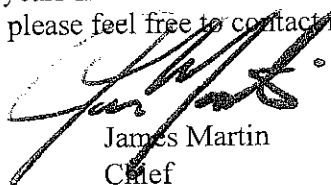
**Horizontal Well**

This permit, API Well Number: 47-9703824, issued to CNX GAS COMPANY LLC, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Please be advised that form WR-35, well operators report of well work, is to be submitted to this office within 90 days of completion of drilling, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.



James Martin  
Chief

Operator's Well No: ALT9BHS  
Farm Name: WOODY, D. J., ET AL

**API Well Number: 47-9703824**

**Permit Type: Horizontal Well**

Date Issued: 04/11/2012

**Promoting a healthy environment.**

04/20/2012