

WELL REFERENCES:
 N63-23W, 355.39' TO 1-1/4" IRON PIPE
 S55-10W, 235.52' TO NAIL IN 24" R. MAPLE

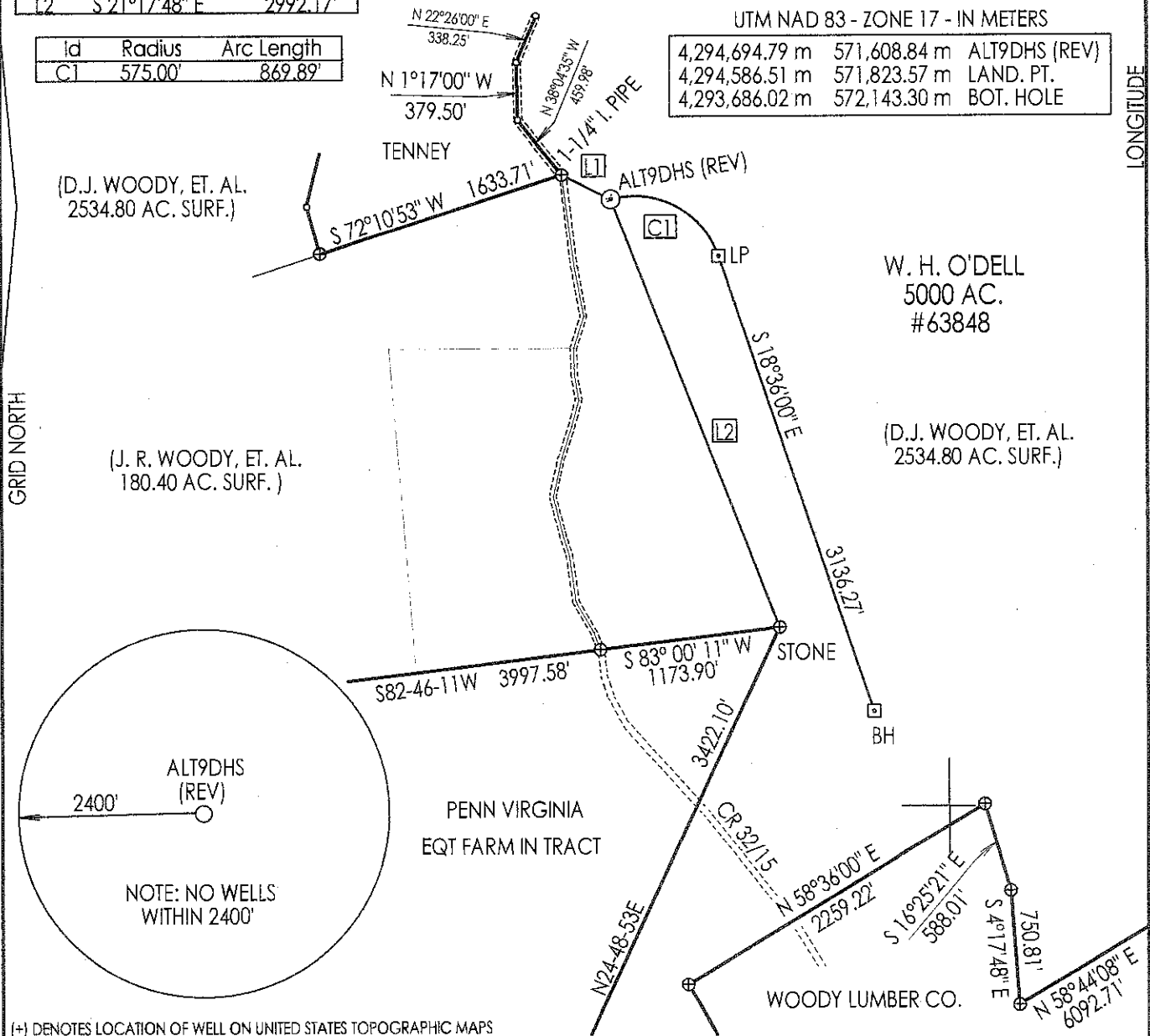
Id	Bearing	Distance
L1	N 63°23'21" W	355.39'
L2	S 21°17'48" E	2992.17'

Id	Radius	Arc Length
CI	575.00'	869.89'

NAD27 WV NORTH SPC		
North	East	Description
109261.56000'	1807440.98000'	ALT9DHS (REV)
108894.55288'	1808139.74129'	LANDING PT.
105922.09789'	1809140.08291'	BOTTOM HOLE

LATITUDE 38-50-00
 SCALED COOR.:
 2,535' WEST
 12,915' SOUTH


UTM NAD 83 - ZONE 17 - IN METERS		
4,294,694.79 m	571,608.84 m	ALT9DHS (REV)
4,294,586.51 m	571,823.57 m	LAND. PT.
4,293,686.02 m	572,143.30 m	BOT. HOLE

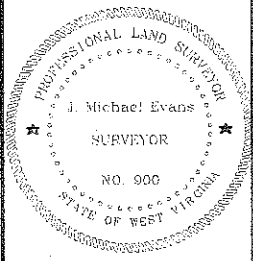


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER: _____
 DRAWING NUMBER: CGCALT9DHSR.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

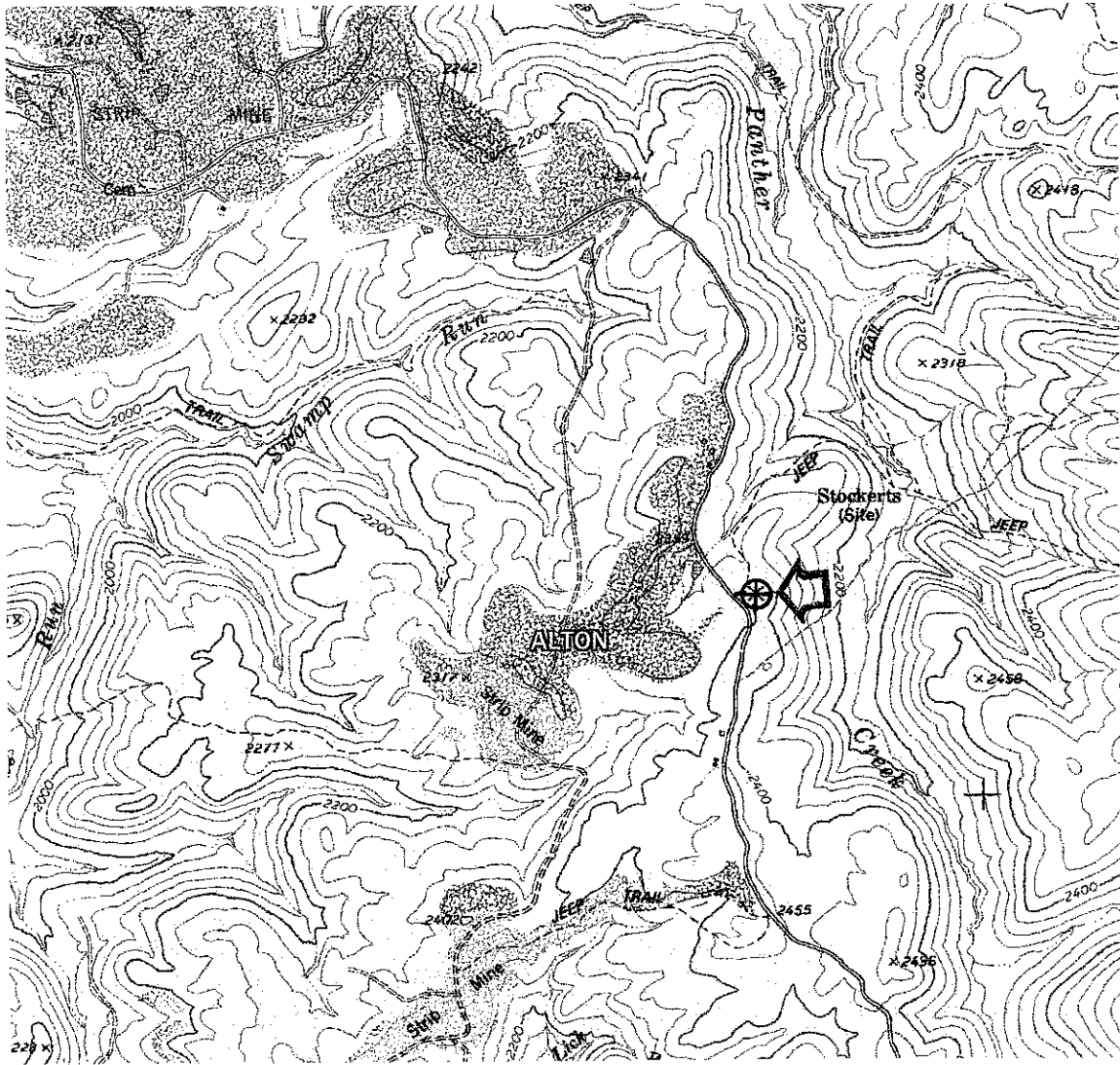
DATE: DECEMBER 06, 2011
 OPERATORS WELL NO.: ALT9DHS (REV)
 API WELL NO. 47-097-03826H
 STATE COUNTY PERMIT

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 PLUG & ABANDON CLEAN OUT & REPLUG
 ESTIMATED DEPTH TVD 7,400' / TMD 11,410'
 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

80-10-08
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: WASHINGTON COUNTY: UPSHUR

QUADRANGLE: ALTON WELL NO.: ALT9DHS

DATE: 07/27/11 PAGE of

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

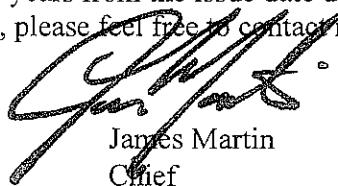
Horizontal Well

This permit, API Well Number: 47-9703826, 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: ALT9DHS
Farm Name: WOODY, D. J., ET AL
API Well Number: 47-9703826
Permit Type: Horizontal Well
Date Issued: 04/11/2012

Promoting a healthy environment.

04/20/2012