

ALTON #7 UNIT = 315.091 AC. +/-

LATITUDE 38-50-00

SCALED COOR.:

PENN VA. OPERATING 8,420' SOUTH
5,060' WEST

Id	Bearing	Distance
L6	S 88°20'43" E	203.62'
L7	S 31°28'42" E	143.44'
L8	N 44°20'36" E	385.80'
L9	S 52°20'59" E	540.99'
L10	N 84°35'35" W	991.62'
L11	S 32°23'37" W	271.66'
L12	N 15°20'36" W	316.47'

Id	Bearing	Distance
L13	N 44°20'36" E	404.15'
L14	N 78°18'07" W	484.33'
L15	S 75°50'48" W	780.44'
L16	N 64°50'15" E	861.27'
L17	S 18°36'04" E	4300.00'

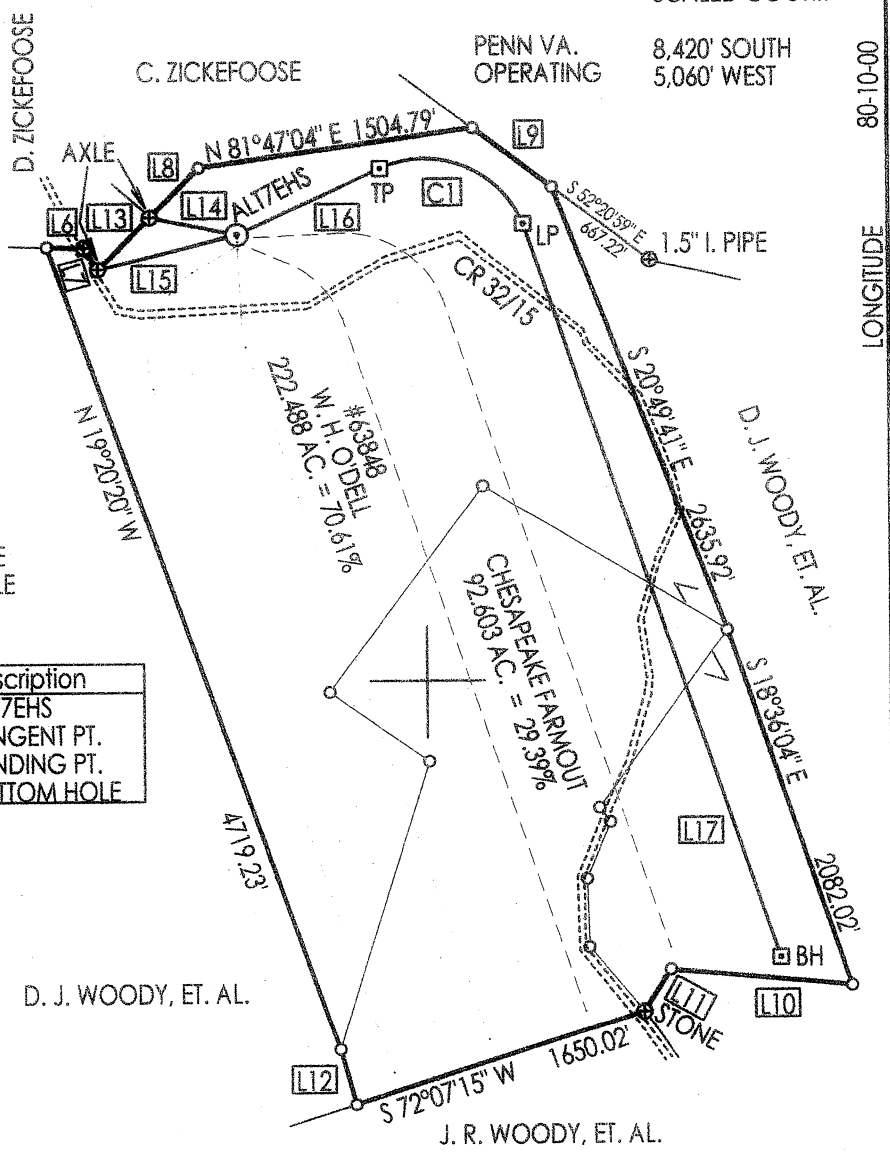
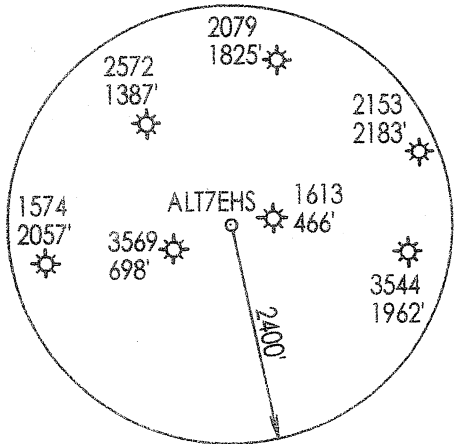
Id	Radius	Arc Length
C1	573.70'	936.65'

WELL REFERENCES:

N45-44E, 226.98' TO NAIL IN UTILITY POLE
N22-29W, 275.74' TO NAIL IN UTILITY POLE

NAD 27 WV NORTH SPC:

North	East	Description
113737.11000'	1804936.84000'	ALT7EHS
114103.31000'	1805716.38000'	TANGENT PT.
113790.94749'	1806491.86925'	LANDING PT.
109715.57078'	1807863.47584'	BOTTOM HOLE



UTM NAD 83 ZONE 17 COOR. IN METERS

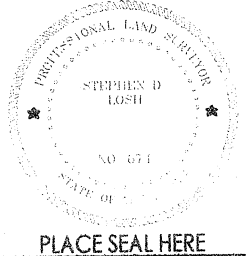
North	East	Description
4,296,045.59 m	570,823.40 m	ALT7EHS
4,296,161.08 m	571,059.03 m	TANGENT PT.
4,296,069.84 m	571,296.86 m	LANDING PT.
4,294,835.23 m	571,735.27 m	BOTTOM HOLE

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

FILE NUMBER: _____
 DRAWING NUMBER: CGCALT7EHS.PCS
 SCALE: 1" = 1,000'
 MINIMUM DEGREE OF ACCURACY: SUBMETER
 PROVEN SOURCE OF ELEVATION: DGPS SURVEY
SUBMETER SYSTEM

I THE UNDERSIGNED, HEREBY STATE 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, P.S. #674



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

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

DATE: FEBRUARY 22, 2011

OPERATORS WELL NO.: ALT7EHS

API WELL NO. 47-097-03806H

STATE COUNTY PERMIT

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

LOCATION: ELEVATION 2305.00' (702.57 m) WATERSHED PANTHER CREEK & SWAMP RUN

DISTRICT WASHINGTON COUNTY UPSHUR

QUADRANGLE ALTON LEASE NUMBER 63848

SURFACE OWNER C. W. ZICKEFOOSE, ET. AL. ACREAGE 46.50 (7Q-01)

OIL & GAS ROYALTY OWNER W. H. O'DELL, ET. AL. LEASE ACREAGE 5,090.00

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 = 7450' TMD = 13550'

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

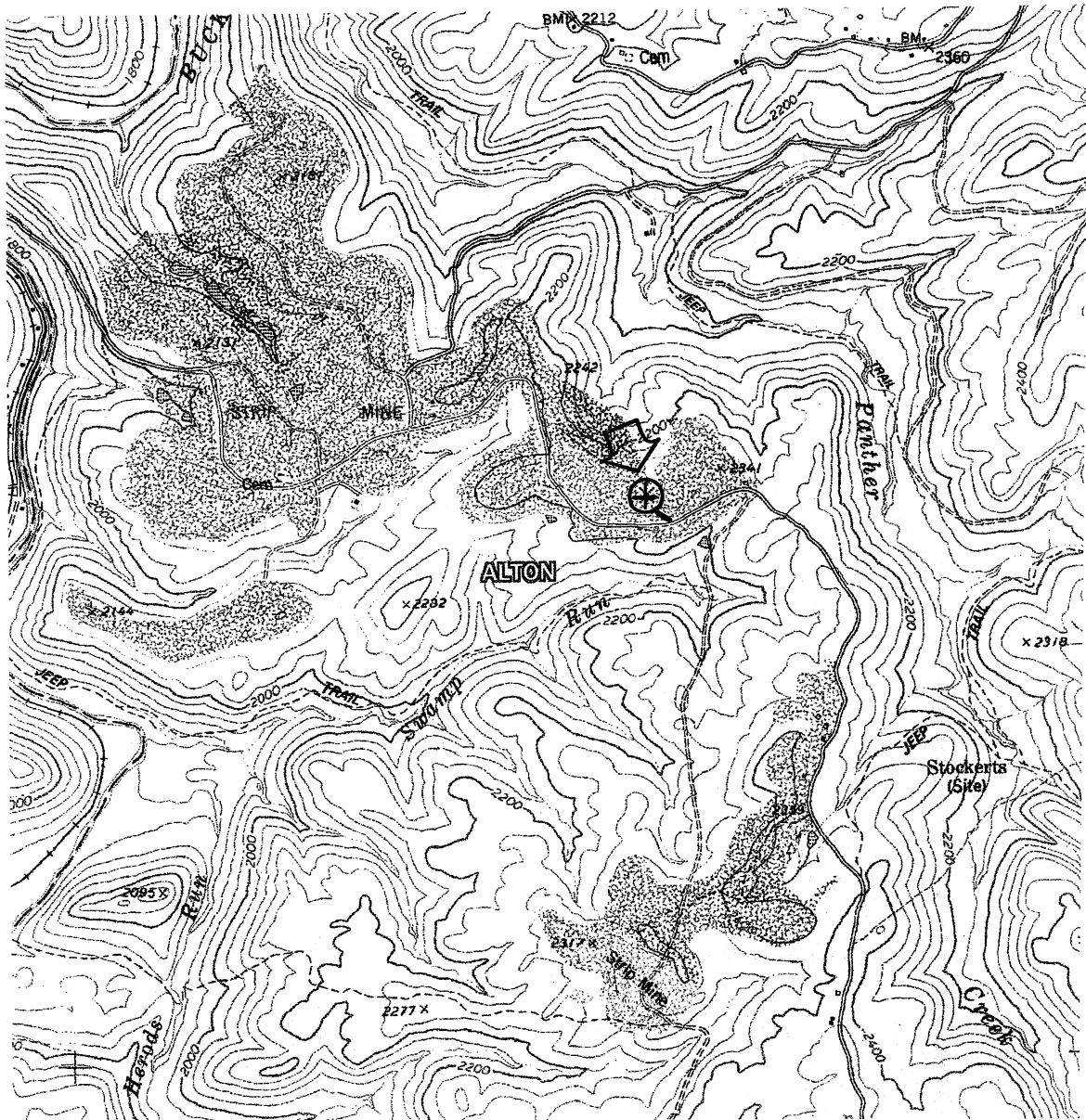
LONGITUDE

COUNTY NAME

PERMIT

09/23/2011

97-03806H



DRAWINGS TO ACCOMPANY FORM WW-9

CNX GAS COMPANY LLC

P. O. BOX 1248

JANE LEW, WV 26378

WATERSHED: PANTHER CREEK & SWAMP RUN

DISTRICT: WASHINGTON COUNTY: UPSHUR

09/23/2011

QUADRANGLE: ALTON WELL NO.: ALT7EHS

DATE: 02/22/11

PAGE of

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