

Id	Radius	Arc Length
C1	1500.00'	2288.15'

B. CHAPMAN
#83128
84 AC.

NAD 27 WV NORTH SPC:		LATITUDE
North	East	Description
255979.75100'	1842721.40000'	PHL29BHS
256264.43910'	1844774.41929'	LANDING PT.
250394.28477'	1850921.88122'	BOTTOM HOLE

39-12-30
SCALED COOR.:
3765' WEST
2500'SOUTH

UTM NAD 83 ZONE 17 COOR.:		
4,339,571.79 m	581,616.06 m	PHL29BHS
4,339,668.93 m	582,240.11 m	LANDING PT.
4,337,911.61 m	584,142.79 m	BOTTOM HOLE

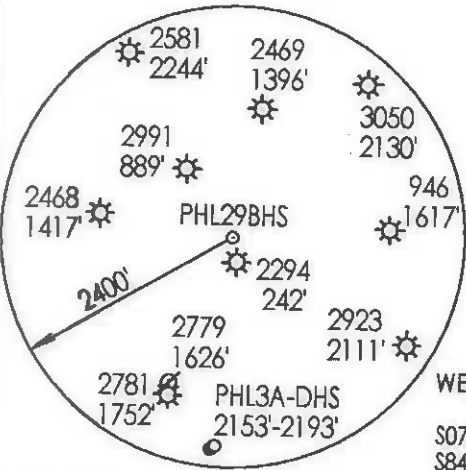
BOTTOM HOLE AS DRILLED
NAD 27 WV NORTH SPC
250,419.77321' 1,850,938.40936' PHL29BHS

NAD 83 UTM ZONE 17 IN METERS
4,337,919.46 m 584,147.69 m PHL29BHS

--- PERMITTED
— AS DRILLED

NOTE: AS DRILLED TOP HOLE COORDINATES SAME AS PERMITTED ONES.

Id	Bearing	Distance
L1	S 71°31'12" E	724.08'
L2	S 81°21'37" E	750.73'
L3	S 76°31'45" E	1469.37'



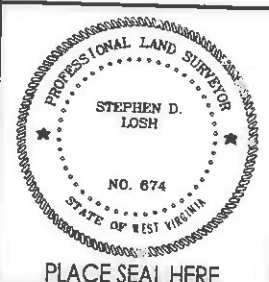
WELL REFERENCES:
S07-03E, 241.96' TO WELL 47-001-02294
S84-30W, 252.72' TO NAIL IN ROOT 6" CHERRY

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

FILE NUMBER: _____
DRAWING NUMBER: CNXPHL29BHSRIAD.PCS
SCALE: 1" = 1300'
MINIMUM DEGREE OF ACCURACY: _____ SUBMETER
PROVEN SOURCE OF ELEVATION: _____ DGPS SURVEY
_____ RTK 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
NITRO, WV 25143-2506

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

DATE: MARCH 05, 2015
OPERATORS WELL NO.: PHL29BHS
API WELL NO. (AS DRILLED) 47-001-03310
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___ CBM ___
(IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
LOCATION: ELEVATION 1406.00' WATERSHED FOXGRAPE RUN
DISTRICT PLEASANT COUNTY BARBOUR
QUADRANGLE PHILIPPI LEASE NUMBER SEE ABOVE

SURFACE OWNER PHILIPPI DEVELOPMENT, INC. ACREAGE 2385.55 (20-23)
OIL & GAS ROYALTY OWNER A. CORDER, ET. AL. LEASE ACREAGE 1728.38

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 = 7718.38' TMD = 16956'

WELL OPERATOR CNX GAS COMPANY LLC DESIGNATED AGENT MATTHEW IMRICH
ADDRESS P. O. BOX 1248 JANE LEW, WV 26378 ADDRESS P. O. BOX 1248 JANE LEW, WV 26378

COUNTY NAME
PERMIT