

Id	Bearing	Distance
L1	S 31°21'45" E	129.00'
L2	N 56°13'20" W	2099.26'

LATITUDE 39-12-30

SCALED COOR.:

3,925' WEST  
4,660' SOUTH

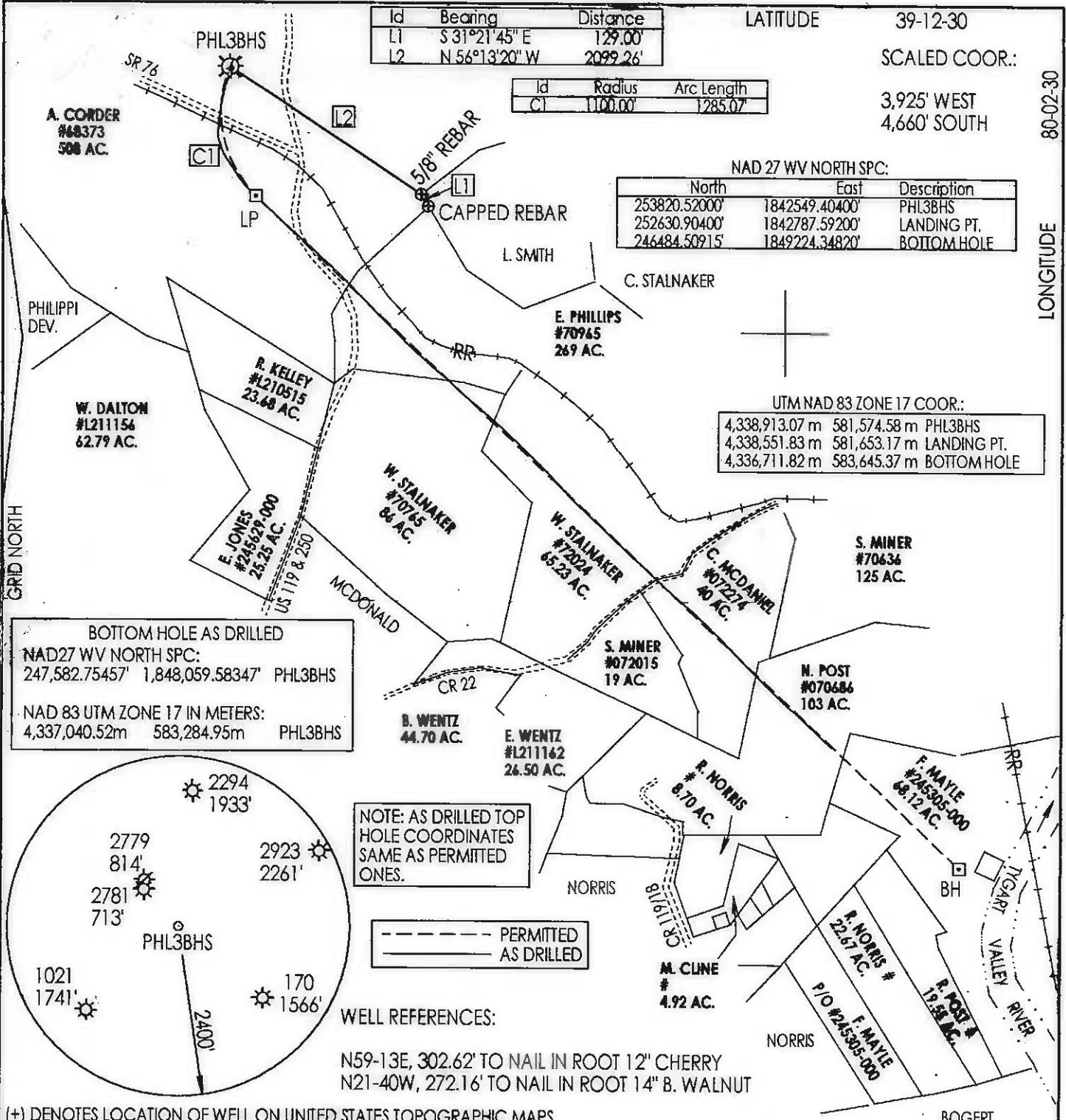
Id	Radius	Arc Length
C1	1100.00'	1285.07'

NAD 27 WV NORTH SPC:

North	East	Description
253820.52000'	1842549.40400'	PHL3BHS
252630.90400'	1842787.59200'	LANDING PT.
246484.50915'	1849224.34820'	BOTTOM HOLE

UTM NAD 83 ZONE 17 COOR.:

4,338,913.07 m	581,574.58 m	PHL3BHS
4,338,551.83 m	581,653.17 m	LANDING PT.
4,336,711.82 m	583,645.37 m	BOTTOM HOLE



**BOTTOM HOLE AS DRILLED**  
 NAD27 WV NORTH SPC:  
 247,582.75457' 1,848,059.58347' PHL3BHS  
 NAD 83 UTM ZONE 17 IN METERS:  
 4,337,040.52m 583,284.95m PHL3BHS

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

--- PERMITTED  
 — AS DRILLED

WELL REFERENCES:

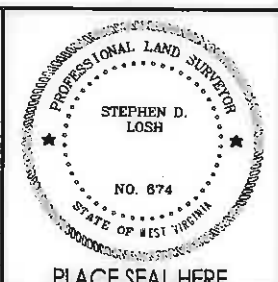
N59-13E, 302.62' TO NAIL IN ROOT 12" CHERRY  
 N21-40W, 272.16' TO NAIL IN ROOT 14" B. WALNUT

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

FILE NUMBER: \_\_\_\_\_  
 DRAWING NUMBER: CNXPHL3BHSAD.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: MAY 26, 2015  
 OPERATORS WELL NO.: PHL3BHS  
 API WELL NO. (AS DRILLED)  
 47 - 001 - 03306  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS \_\_\_ LIQUID INJECTION  WASTE DISPOSAL \_\_\_ CBM \_\_\_  
 (IF "GAS") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
 LOCATION: ELEVATION 1444.50' WATERSHED FOXGRAPE RUN  
 DISTRICT PLEASANT COUNTY BARBQUR  
 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 1395.07

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 = 7736' TMD = 15681'

WELL OPERATOR CNX GAS COMPANY LLC DESIGNATED AGENT JOE BERRY, JR.  
 ADDRESS P. O. BOX 1248 JANE LEW, WV 26378 ADDRESS P. O. BOX 1248 JANE LEW, WV 26378

LONGITUDE 80-02-30

GRID NORTH

COUNTY NAME PERMIT