

# OCC-B OHI 210H

LINE	BEARING	DISTANCE
L1	N 84°14'10" E	1995.6'
L2	N 69°49'42" E	1991.5'
L3	S 62°58'28" W	1802.1'
L4	N 25°32'33" E	2358.5'

## ADJOINERS/LEASES:

- (A) DAVID B. & L.M. MAIN  
R9-10.1  
1-324187-000 779-134
- (B) MARK W. KETTLER  
R9-5.1  
47-000773-000 826-132
- (C) MARK W. KETTLER  
R9-7  
47-000733-000 826-132
- (D) HELEN M. PERRY  
R9-14.1  
47-000495-000 822-497
- (E) HELEN M. PERRY  
R9-14.2  
47-000495-000 822-497
- (F) MARC SEAMON  
R6-37.1  
1-324195-000 781-534
- (G) PAMELA S. LOUGH  
R6-19.1  
OPEN
- (H) JAMES & LEONA A. TODD  
R6-19.3  
OPEN

### DIRECTIONS TO SITE

FROM INTERSECTION OF SHORT CREEK RD AND NORTH FORK SHORT CREEK RD, GO ± 0.4 MILES EAST ON NORTH FORK SHORT CREEK RD, THEN NORTH ON AN UNNAMED RURAL RD FOR 0.98 MILES TO THE OCC-B WELL PAD ACCESS ROAD ON THE LEFT.

### NOTES ON SURVEY

- TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE MAD '27.
- SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF OHIO COUNTY IN MAY, 2010.
- WELL LAT./LONG. (MAD'27) ESTABLISHED BY DUAL FREQ STATIC GPS WITH NGS OPUS SOLUTION.

### REFERENCES

REFERENCES TO PROPOSED HORIZONTAL WELLS SURFACE LOCATIONS

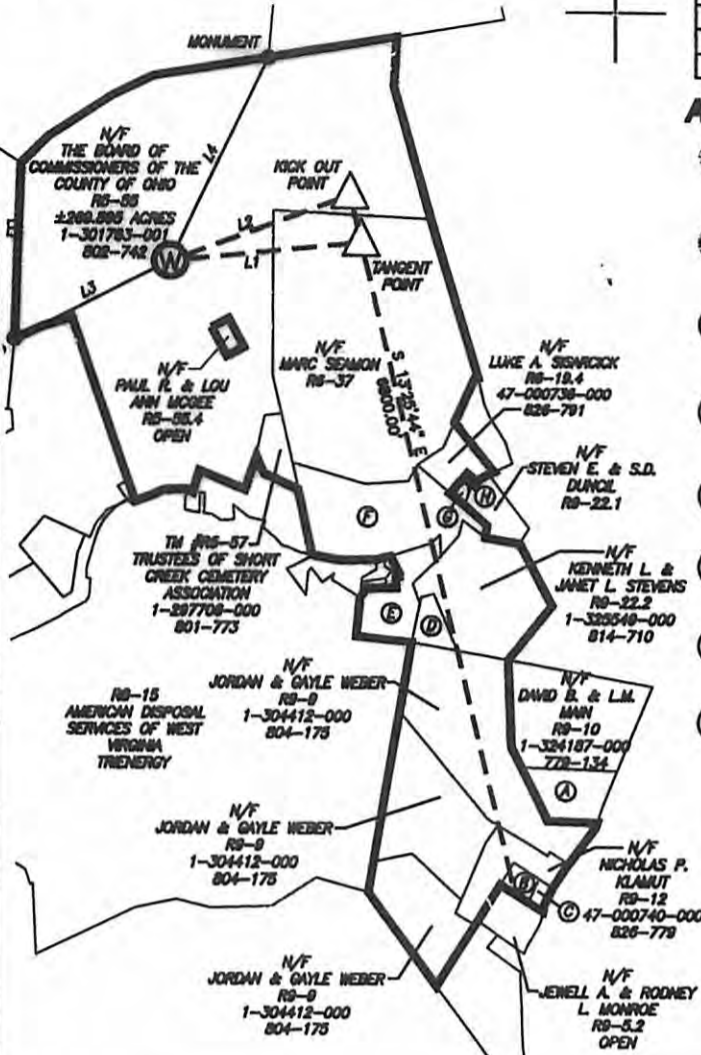
1" = 100'

IRON PIPE

WELL NO. 210H

1" = 500'

<b>WELL NO. OH COORDINATES</b> MAD 27 True Latitude: NORTH 40.163158° True Longitude: WEST 80.643141° MAD 83 True Latitude: NORTH 40.163229° True Longitude: WEST 80.642939° STATE PLANE COORDINATES (NORTH ZONE MAD 27) Northing: 607809.87 Easting: 1680502.95 UTM COORDINATES Northing: 4445935.47 Easting: 530405.92	<b>KICK OUT POINT COORDINATES</b> MAD 27 True Latitude: NORTH 40.165108° True Longitude: WEST 80.636484° MAD 83 True Latitude: NORTH 40.165179° True Longitude: WEST 80.636283° STATE PLANE COORDINATES (NORTH ZONE MAD 27) Northing: 608496.61 Easting: 1682372.28 UTM COORDINATES Northing: 4448154.22 Easting: 530971.91
<b>TANGENT POINT COORDINATES</b> MAD 27 True Latitude: NORTH 40.163777° True Longitude: WEST 80.636047° MAD 83 True Latitude: NORTH 40.163849° True Longitude: WEST 80.635845° STATE PLANE COORDINATES (NORTH ZONE MAD 27) Northing: 608010.28 Easting: 1682488.40 UTM COORDINATES Northing: 4446006.66 Easting: 531009.77	<b>BOTTOM HOLE COORDINATES</b> MAD 27 True Latitude: NORTH 40.145677° True Longitude: WEST 80.630099° MAD 83 True Latitude: NORTH 40.145749° True Longitude: WEST 80.629897° STATE PLANE COORDINATES (NORTH ZONE MAD 27) Northing: 601396.20 Easting: 1684067.60 UTM COORDINATES Northing: 4443999.77 Easting: 531524.61



**GREENWAY ENGINEERING, INC.**



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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 843 02-27-2012

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE JUNE 08, 20 10  
 REV. FEBRUARY 27, 20 12  
 OPERATORS WELL NO. OCC-B OHI 210H  
 APl WELL NO. 47 - 069 - 06141H6A  
 STATE COUNTY PERMIT  
**CANCELLED**

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. OCC-B210H  
 PROVEN SOURCE OF ELEVATION DUAL FREQ STATIC GPS WITH NGS OPUS SOLUTION SCALE 1" = 2,000'

STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS

WELL TYPE: OIL \_\_\_\_\_ GAS  INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_ IF "GAS" PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW

LOCATION: ELEVATION: 1,194.0' WATERSHED: OHIO RIVER DIRECT DRAINS

DISTRICT: RICHLAND COUNTY: OHIO QUADRANGLE: TILTONSVILLE 7.5'

SURFACE OWNER: THE BOARD OF COMMISSIONERS OF THE COUNTY OF OHIO ACREAGE: 269.895 +/-

ROYALTY OWNER: THE BOARD OF COMMISSIONERS OF THE COUNTY OF OHIO LEASE ACREAGE: 269.895 +/-

PROPOSED WORK: LEASE NO. \_\_\_\_\_

DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  PLUG OFF OLD \_\_\_\_\_

FORMATION: PERFORATE NEW FORMATION \_\_\_\_\_ PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_ OTHER \_\_\_\_\_

PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,250' + LATERAL LENGTH \_\_\_\_\_

WELL OPERATOR: CHESAPEAKE APPALACHIA, L.L.C. DESIGNATED AGENT: ERIC B. GILLESPIE  
 ADDRESS: P.O. BOX 18496 ADDRESS: P.O. BOX 6070  
 OKLAHOMA CITY, OK 73154-0496 CHARLESTON, WV 25301

09/05/2014