

TOP HOLE (NAD 83) N) 428,084.8' E) 1,642,190.1' LAT.) 39°40'10.3" LONG.) 80°39'33.3" DEC. LAT.) 39.669536° DEC. LONG.) 80.659247°	BOTTOM HOLE (NAD 83) N) 423,367.4' E) 1,647,167.9' LAT.) 39°39'24.3" LONG.) 80°38'28.9" DEC. LAT.) 39.656761° DEC. LONG.) 80.641351°
TOP HOLE (NAD 27) N) 428,048.0' E) 1,673,628.2' LAT.) 39°40'10.0" LONG.) 80°39'34.0" DEC. LAT.) 39.669456° DEC. LONG.) 80.659435°	BOTTOM HOLE (NAD 27) N) 423,330.5' E) 1,678,606.1' LAT.) 39°39'24.0" LONG.) 80°38'29.5" DEC. LAT.) 39.656680° DEC. LONG.) 80.641540°
TOP HOLE (UTM NAD 83) N) 4,391,135.47m E) 529,226.36m	BOTTOM HOLE (UTM NAD 83) N) 4,389,723.61m E) 530,766.90m

Longitude: W 80°37'30"

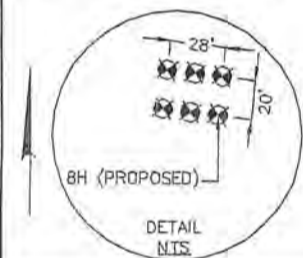
GENERAL NOTES:

1. THE BOUNDARY LINES SHOWN HEREON ARE BASED ON RECORD DEED, PLATS, AND TAX MAPS BEST FIT TO FOUND FIELD EVIDENCE AND AERIAL PHOTOS.
2. THIS PLAT DOES NOT REPRESENT AN ACTUAL BOUNDARY SURVEY OF THE INDIVIDUAL PARCELS.

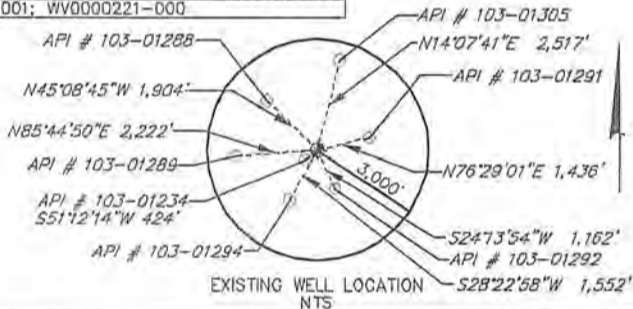
LEGEND

- PROPOSED GAS WELL
- PROPOSED BORE
- PROPERTY CORNER TIE LINE
- OIL & GAS LEASE BOUNDARY
- PROPERTY LINE
- STREAM LINE

TRACT	N/F PROPERTY OWNER/LESSOR	PARCEL NUMBER	LEASE NUMBER
1	WILLIAM D. & SHIRLEY E. RITCHEA	12-15-00210000	WV0000113-000
2	BERNARD LEE DUELLEY & SUSAN HALL, ET AL	12-15-00220000	WV0000114-001 TO 009
3	BERNARD LEE DUELLEY & SUSAN HALL, ET AL	12-15-00260000	WV0000110-000
4	FRANCES W. JAMISON	12-15-00270000	WV0000110-000
5	LINDA SNIDER STANSBERRY & JAMES F. SNIDER	12-15-00320000	WV0000110-000
6	TERREL LEMOYN MELOTT	01-10-00220000	WV0000193-001; WV0000202-001
7	GARNET & HUGH SNIDER	01-10-00210000	WV0000159-001; WV0000221-000



PROPOSED SURFACE LOCATION



FILE#: 08541-8003

DRAWING#: 085418003_Well Plat

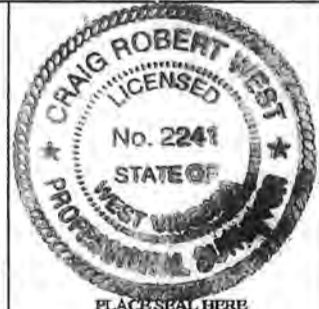
SCALE: 1" = 1,600'

MINIMUM DEGREE OF ACCURACY: 1/200

PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING SURVEY 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 ENVIRONMENTAL PROTECTION.

SIGNED: _____
R.P.E.: _____ L.L.S.: 224



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304



DATE: FEBRUARY 28, 2012
OPERATOR'S WELL #: WILLIAM RITCHEA WTZ 8H
API WELL #: 47 103 02278HG A
STATE COUNTY PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP
 GAS LIQUID INJECTION STORAGE SHALLOW

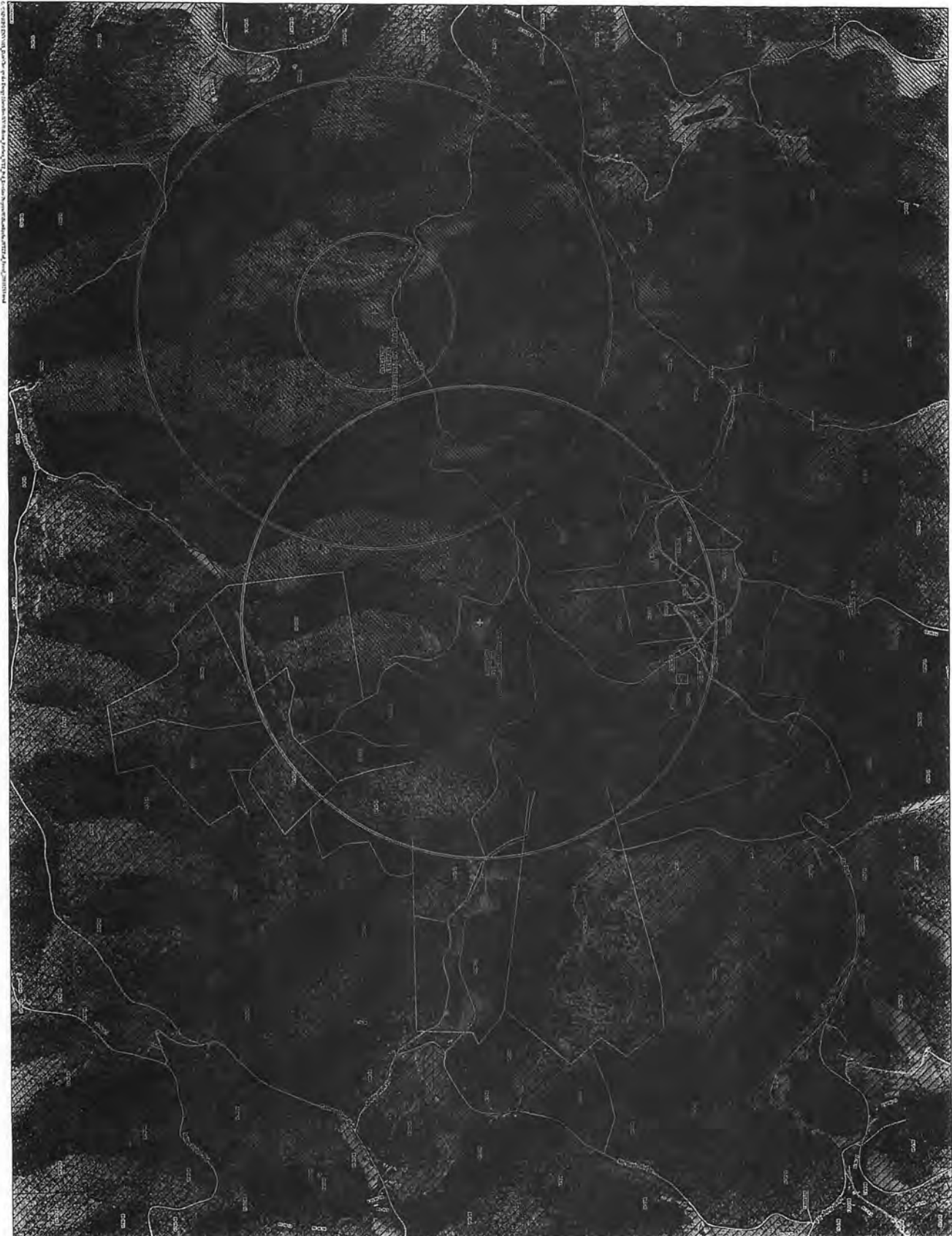
WATERSHED: MIDDLE OHIO NORTH ELEVATION: 1,584'
COUNTY/DISTRICT: WETZEL / PROCTOR QUADRANGLE: WILEYVILLE
SURFACE OWNER: WILLIAM D. & SHIRLEY E. RITCHEA ACREAGE: 85±
OIL & GAS ROYALTY OWNER: _____ ACREAGE: _____

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TMD: 14,133 TVD: 7,480
WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC DESIGNATED AGENT: ERIC B. GILLESPIE
ADDRESS: P.O. BOX 18496 ADDRESS: P.O. BOX 6070
CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496 CITY: CHARLESTON STATE: WV ZIP CODE: 25362

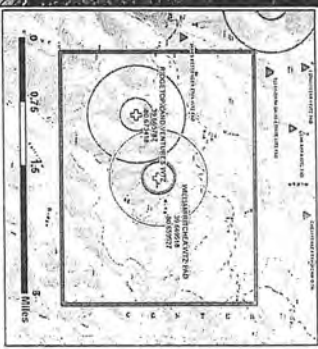
14,166'

PROPOSED SURFACE LOCATION LAT. N 39°40'10.0" (NAD 27)



Legend

- ⊕ Other CHK Non-Spud Well
- ⊕ WILLIAM RITCHEA WTZ PAD
- △ Other Consultant Spud Well
- ⊕ SAIC Spud Well
- △ Other Consultant Non-Spud Well
- ⊕ USGS NWMS Water Quality Well
- ⊕ USGS NWMS Water Level Well
- ⊕ USGS NURE Well
- ⊕ Sampled Location
- Roads
- Radius of Other CHK Site
- 1000' Radius of Site
- 3000' Radius of Site
- ▨ Parcel Within 3000' of Other CHK Site
- ▨ Parcel Within 3000' of Site
- ▨ Parcel Within 1000' of Site
- ▨ Parcel Outside Radius



WILLIAM RITCHEA WTZ PAD - 915120
 39.689518
 -80.659527

- Notes:**
1. CHK is abbreviation for Chesapeake.
 2. Parcel information from Chesapeake Energy.
 3. Base map from ESRI ArcGIS Online. The map includes 1-cubed Nationwide Prime 1m or better resolution imagery for the contiguous United States.
 4. For more information figure Ridgeloop Land Ventures WTZ Pad.



Chesapeake Energy
 WILLIAM RITCHEA WTZ PAD - 915120
 West Virginia, West Virginia

Site Parcel Map

Drawn JEB	Checked	Approved	Figure No
date: 12/12/2011	date:	date:	1
job no: 26051V0011	file no:	file no:	
revision: 1	date:	date:	



APR 18 2012
 WV Department of Environment