

**GENERAL NOTES:**

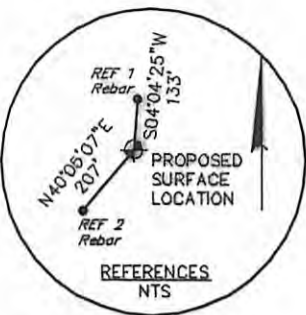
1. THE BOUNDARY LINES SHOWN HEREON ARE BASED ON RECORD DEED, PLATS, AND TAX MAPS BEST FIT TO FOUND FIELD EVIDENCE AND AERIAL PHOTOS.
2. THIS PLAT DOES NOT REPRESENT AN ACTUAL BOUNDARY SURVEY OF THE INDIVIDUAL PARCELS.

PROPOSED SURFACE LOCATION LONG. W 80°39'34.1" (NAD 27) **Latitude: N 39°42'30"**

TOP HOLE (NAD 83) N) 428,106.3' E) 1,642,178.5' LAT.) 39°40'10.5" LONG.) 80°39'33.4" DEC. LAT.) 39.669595' DEC. LONG.) 80.659289'	KOP (NAD 83) N) 428,786.1' E) 1,642,926.4' LAT.) 39°40'17.2" LONG.) 80°39'24.0" DEC. LAT.) 39.671432' DEC. LONG.) 80.656662'	TURNING POINT (NAD 83) N) 429,105.6' E) 1,642,558.9' LAT.) 39°40'20.5" LONG.) 80°39'28.7" DEC. LAT.) 39.672351' DEC. LONG.) 80.657983'	BOTTOM HOLE (NAD 83) N) 433,518.3' E) 1,637,783.7' LAT.) 39°41'03.5" LONG.) 80°40'30.5" DEC. LAT.) 39.684295' DEC. LONG.) 80.675152'
TOP HOLE (NAD 27) N) 428,069.4' E) 1,673,616.6' LAT.) 39°40'10.3" LONG.) 80°39'34.1" DEC. LAT.) 39.669514' DEC. LONG.) 80.659477'	KOP (NAD 27) N) 428,729.2' E) 1,674,364.4' LAT.) 39°40'16.9" LONG.) 80°39'24.7" DEC. LAT.) 39.671352' DEC. LONG.) 80.656851'	TURNING POINT (NAD 27) N) 429,068.7' E) 1,673,996.9' LAT.) 39°40'20.2" LONG.) 80°39'29.4" DEC. LAT.) 39.672271' DEC. LONG.) 80.658172'	BOTTOM HOLE (NAD 27) N) 433,481.6' E) 1,669,221.6' LAT.) 39°41'03.2" LONG.) 80°40'31.2" DEC. LAT.) 39.684215' DEC. LONG.) 80.675340'
TOP HOLE (UTM NAD 83) N) 4,391,141.96m E) 529,222.71m	KOP (UTM NAD 83) N) 4,391,346.79m E) 529,447.21m	T.P (UTM NAD 83) N) 4,391,448.35m E) 529,333.52m	BOTTOM HOLE (UTM NAD 83) N) 4,392,768.42m E) 527,856.27m

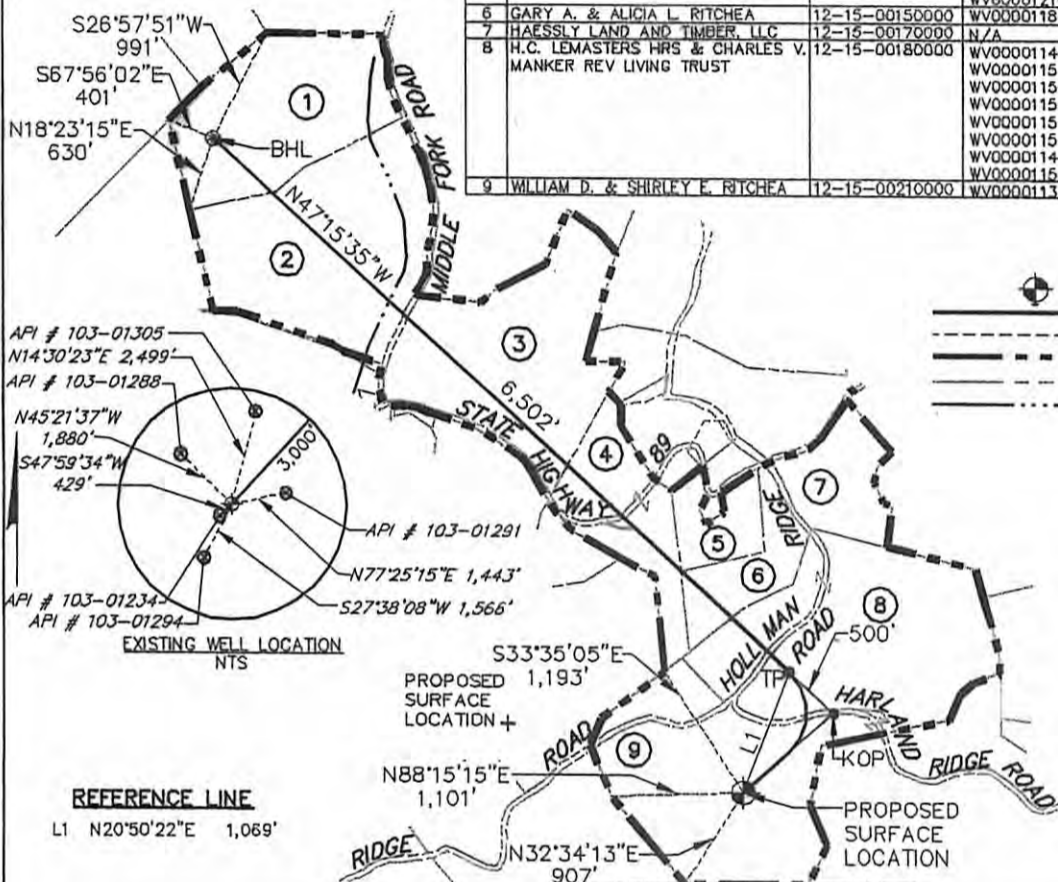
GRID NORTH  
NAD 83

Longitude: W 80°37'30"



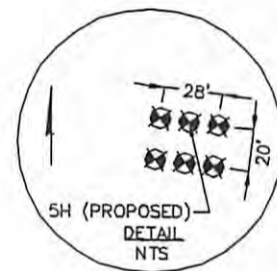
REFERENCES  
NTS

TRACT	N/F PROPERTY OWNER/LESSOR	PARCEL NUMBER	LEASE NUMBER
1	ALLEN C. WOODSTUFF	12-09-00440000	1-264519-000
2	DALE A. HERMAN	12-09-00480000	1-264519-000
3	WILLIAM D. & SHIRLEY E. RITCHEA	12-14-00090000	WV0000129-001, WV0000129-002, WV0000129-003
4	SCOTT J. & CRYSTAL A. URBANEK	12-15-00130000	12-15-00130000
5	SCOTT J. & CRYSTAL A. URBANEK	12-15-00140000	WV0000121-001, WV0000121-002, WV0000121-003, WV0000121-004, WV0000121-005, WV0000121-006, WV0000121-007, WV0000121-008, WV0000121-009, WV0000121-010, WV0000121-011, WV0000121-012, WV0000121-013
6	GARY A. & ALICIA L. RITCHEA	12-15-00150000	WV0000118-001, WV0000118-002, 1-292576-001
7	HAESSLY LAND AND TIMBER, LLC	12-15-00170000	N/A
8	H.C. LEMASTERS HRS & CHARLES V. MANKER REV LIVING TRUST	12-15-00180000	WV0000114-005, WV0000114-004, WV0000114-007, WV0000115-015, WV0000115-004, WV0000114-002, WV0000115-006, WV0000115-001, WV0000115-007, WV0000115-011, WV0000114-001, WV0000115-003, WV0000115-005, WV0000114-003, WV0000115-009, WV0000115-010, WV0000115-002, WV0000114-009, WV0000114-006, WV0000115-016, WV0000114-008, WV0000115-017, WV0000115-008
9	WILLIAM D. & SHIRLEY E. RITCHEA	12-15-00210000	WV0000113-000



**LEGEND**

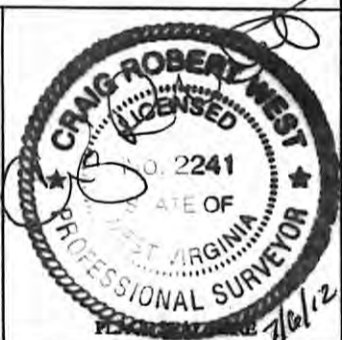
- PROPOSED GAS WELL
- PROPOSED BORE
- PROPERTY CORNER TIE LINE
- OIL & GAS LEASE BOUNDARY
- PROPERTY LINE
- STREAM LINE



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: [Signature]  
 R.P.E.: \_\_\_\_\_ LLS.: 2241



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
**WVDEP**  
**OFFICE OF OIL & GAS**  
 601 5TH STREET  
 CHARLESTON, WV 25304



DATE: JULY 6, 2012  
 OPERATOR'S WELL #: WILLIAM RITCHEA WTZ 5H  
 API WELL #: 47 103 02810 HGA  
 STATE COUNTY PERMIT

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

WATERSHED: MIDDLE OHIO NORTH ELEVATION: 1,588'  
 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: 7,544' TMD 14,437' TMD  
 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

04/10/2015