

TOP HOLE (UTM NAD 83)	N) 4,391,135.89m E) 529,222.12m
KOP (UTM NAD 83)	N) 4,390,954.26m E) 528,873.96m
T.P (UTM NAD 83)	N) 4,390,844.59m E) 528,979.70m
BOTTOM HOLE (UTM NAD 83)	N) 4,389,347.62m E) 530,423.13m

Longitude: W 80°37'30"

PROPOSED SURFACE LOCATION LAT. N 39°40'10.1" (NAD 27)

14,155'

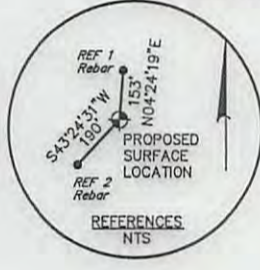
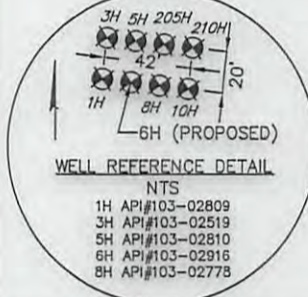
LEGEND

- PROPOSED GAS WELL
- IRON PIPE FOUND
- PROPOSED BORE
- TIE LINE
- OIL & GAS LEASE BOUNDARY
- PROPERTY LINE
- STREAM LINE

GENERAL NOTES:

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

PROPOSED SURFACE LOCATION



- A) API# 103-01234 WL1 S49°49'26"W 414'
- B) API# 103-01289 WL2 S85°26'38"W 2,518'
- C) API# 103-01288 WL3 N44°53'00"W 1,893'
- D) API# 103-01314 WL4 N11°46'04"E 1,582'
- E) API# 103-01305 WL5 N14°26'38"E 2,518'
- F) API# 103-01291 WL6 N76°40'26"E 1,449'
- G) API# 103-01292 WL7 S23°58'55"E 1,226'
- H) API# 103-01294 WL8 S27°54'04"W 1,547'

FILE #: 08541-8003

DRAWING #: 08541-8003 Well Plat

SCALE: PLAT: 1" = 1,400'
TICK: 1" = 2,000'

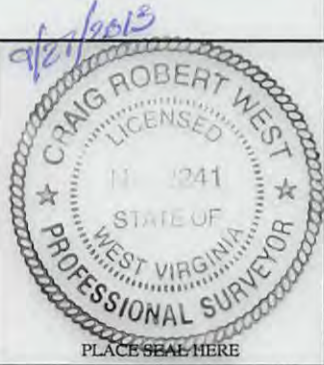
MINIMUM DEGREE OF ACCURACY: 1/200

PROVEN SOURCE OF ELEVATION: NGS (CORS)

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 RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED: [Signature]

R.P.E.: _____ L.L.S.: 2241



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



DATE: SEPTEMBER 27, 2013

OPERATOR'S WELL #: WILLIAM RITCHEA WTZ 6H

API WELL #: 47 103 02916 H6A

STATE COUNTY PERMIT

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

WATERSHED: MIDDLE OHIO NORTH ELEVATION: 1,586'

COUNTY/DISTRICT: WETZEL / PROCTOR QUADRANGLE: WILEYVILLE

SURFACE OWNER: WILLIAM D. & SHIRLEY E. RITCHEA ACREAGE: 62± ACRES

OIL & GAS ROYALTY OWNER: _____ ACREAGE: _____

CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PERFORATE NEW FORMATION PLUG & ABANDON

DRILL PLUG OFF OLD FORMATION CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): 10/11/2013

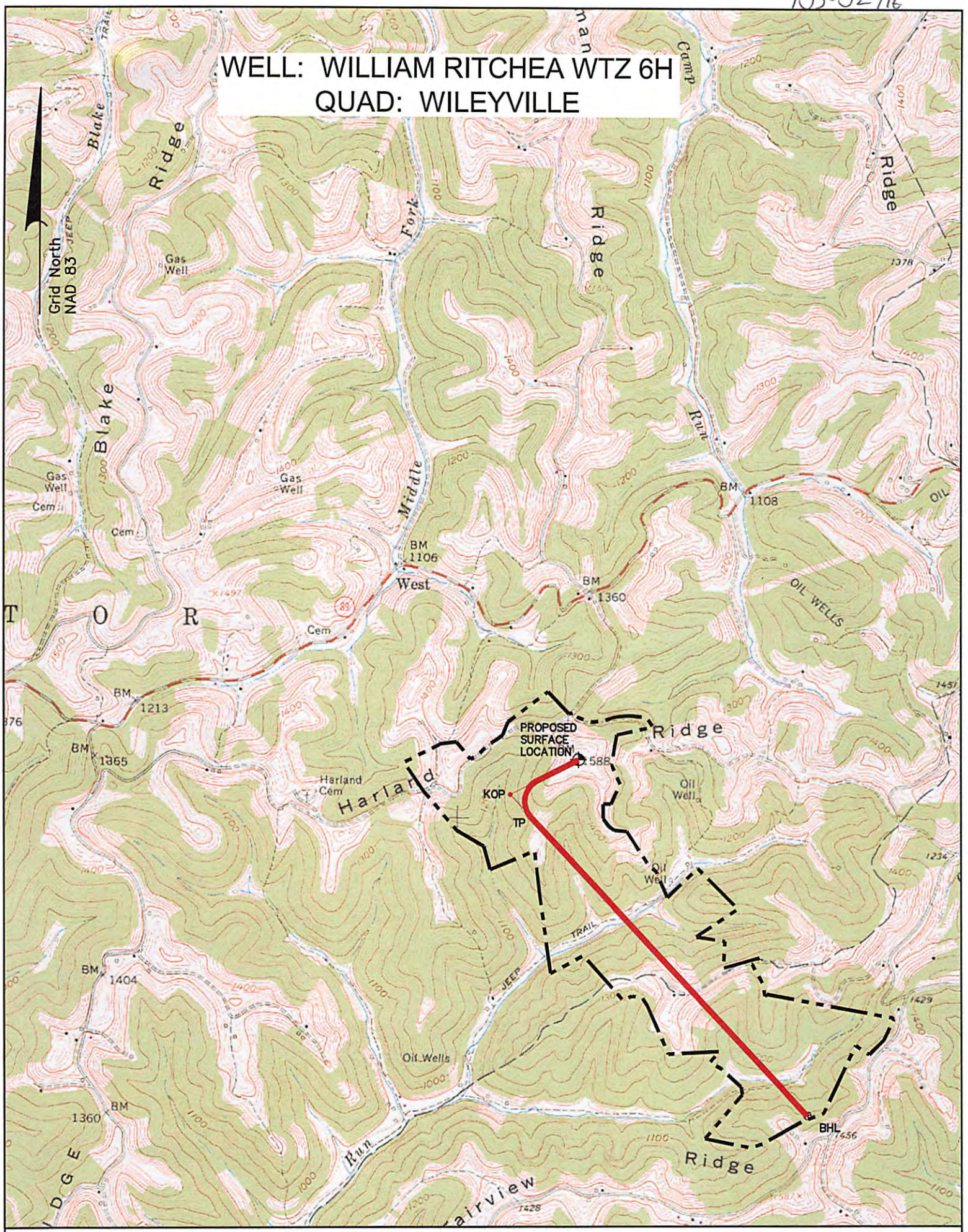
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TMD: 15,441' TVD: 7,525'

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

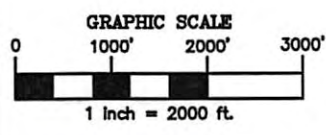
WELL: WILLIAM RITCHEA WTZ 6H
QUAD: WILEYVILLE



LEGEND

- PROPOSED GAS WELL
- BOTTOM HOLE LOCATION
- PROPOSED BORE
- EXTERNAL LEASE LINE

NOTE:
 THE PURPOSE OF THIS PLAT IS FOR THE LOCATION OF PROPOSED GAS WELLS AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY. PROPERTY LINES AND OWNERS WERE OBTAINED FROM VARIOUS FIELD EVIDENCE, TAX RECORDS AND AERIAL MAPPING.



TOP HOLE (NAD 83) N) 428,086.4' E) 1,642,176.2' LAT.) 39°40'10.3" LONG.) 80°39'33.5" DEC. LAT.) 39.669540° DEC. LONG.) 80.659296°	KOP (NAD 83) N) 427,509.4' E) 1,641,023.7' LAT.) 39°40'04.5" LONG.) 80°39'48.1" DEC. LAT.) 39.667915° DEC. LONG.) 80.663363°	TURNING POINT (NAD 83) N) 427,143.8' E) 1,641,364.7' LAT.) 39°40'00.9" LONG.) 80°39'43.7" DEC. LAT.) 39.666923° DEC. LONG.) 80.662135°	BOTTOM HOLE (NAD 83) N) 422,152.4' E) 1,646,019.2' LAT.) 39°39'12.2" LONG.) 80°38'43.4" DEC. LAT.) 39.653385° DEC. LONG.) 80.645376°
TOP HOLE (NAD 27) N) 428,049.6' E) 1,673,614.3' LAT.) 39°40'10.1" LONG.) 80°39'34.1" DEC. LAT.) 39.669460° DEC. LONG.) 80.659485°	KOP (NAD 27) N) 427,472.6' E) 1,672,461.9' LAT.) 39°40'04.2" LONG.) 80°39'48.8" DEC. LAT.) 39.667835° DEC. LONG.) 80.663551°	TURNING POINT (NAD 27) N) 427,107.0' E) 1,672,802.9' LAT.) 39°40'00.6" LONG.) 80°39'44.4" DEC. LAT.) 39.666843° DEC. LONG.) 80.662323°	BOTTOM HOLE (NAD 27) N) 422,115.5' E) 1,677,457.5' LAT.) 39°39'11.9" LONG.) 80°38'44.0" DEC. LAT.) 39.653305° DEC. LONG.) 80.645564°
TOP HOLE (UTM NAD 83) N) 4,391,135.89m E) 529,222.12m	KOP (UTM NAD 83) N) 4,390,954.26m E) 528,873.96m	T.P (UTM NAD 83) N) 4,390,844.59m E) 528,979.70m	BOTTOM HOLE (UTM NAD 83) N) 4,389,347.62m E) 530,423.13m

REGISTRATION
 Office of Conservation
 WV Department of Environmental Protection
 OCT 13 2013

10/11/2013

Applicant / Well Operator Name CHESAPEAKE APPALACHIA, LLC	Well(Farm) Name WILLIAM RITCHEA WTZ	Well # 6H	Serial #
Address PO BOX 18496 OKLAHOMA CITY, OK 73154-0496	County - Code WETZEL - 103	District PROCTOR	
Surface Landowner / Lessor WILLIAM D. & SHIRLEY E. RITCHEA		USGS 71/2 Quadrangle Map Name WILEYVILLE	