

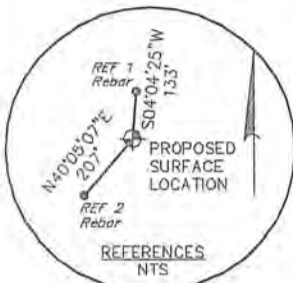
GENERAL NOTES:

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

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

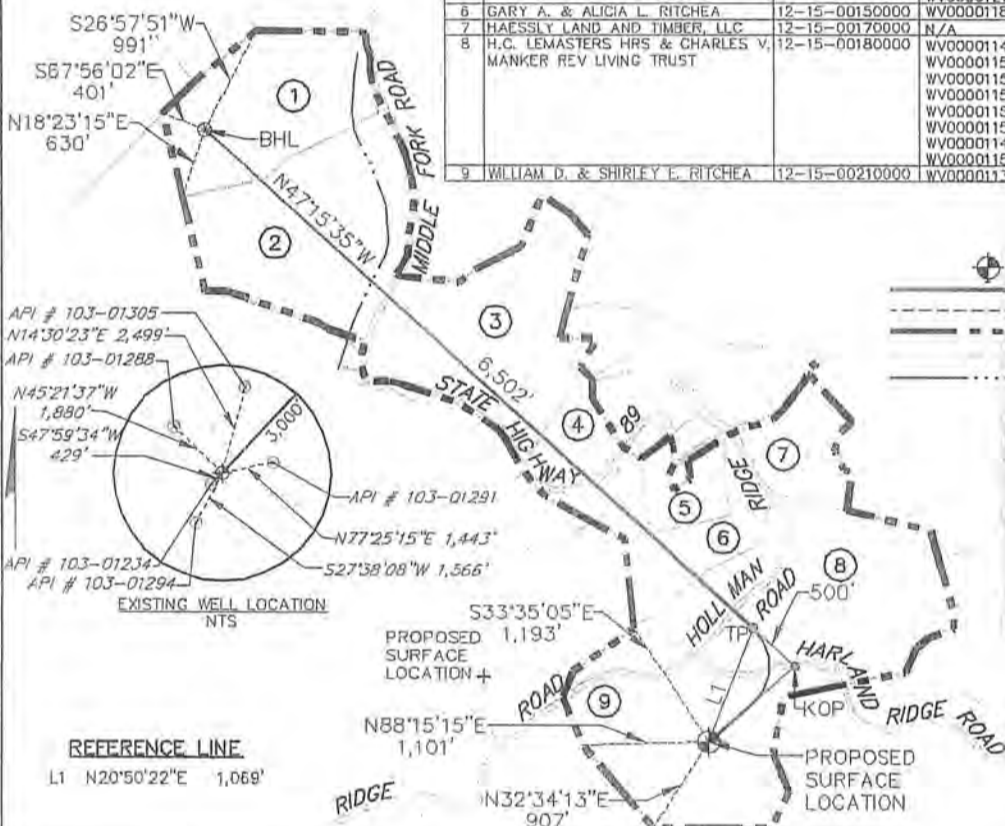
Longitude: W 80°37'30"

GRID NORTH
NAD 83



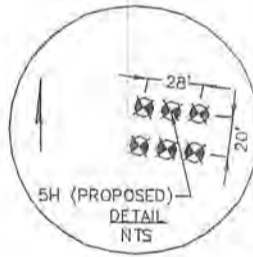
TOP HOLE (NAD 83) N) 428,106.3' E) 1,642,178.5' LAT.) 39°40'10.5" LONG.) 80°39'33.4" DEC. LAT.) 39.669595' DEC. LONG.) 80.659289'	KOP (NAD 83) N) 428,766.1' E) 1,642,926.4' LAT.) 39°40'17.2" LONG.) 80°39'24.0" DEC. LAT.) 39.671432' DEC. LONG.) 80.656662'	TURNING POINT (NAD 83) N) 429,105.6' E) 1,642,558.9' 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'
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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

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	HAFESLY 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

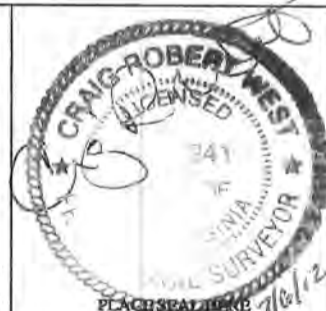
- PROPOSED GAS WELL
- PROPOSED BORE
- PROPERTY CORNER TIE LINE
- OIL & GAS LEASE BOUNDARY
- PROPERTY LINE
- STREAM LINE



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: *Craig Robery*
 R.P.E.: _____ L.L.S.: 2341



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



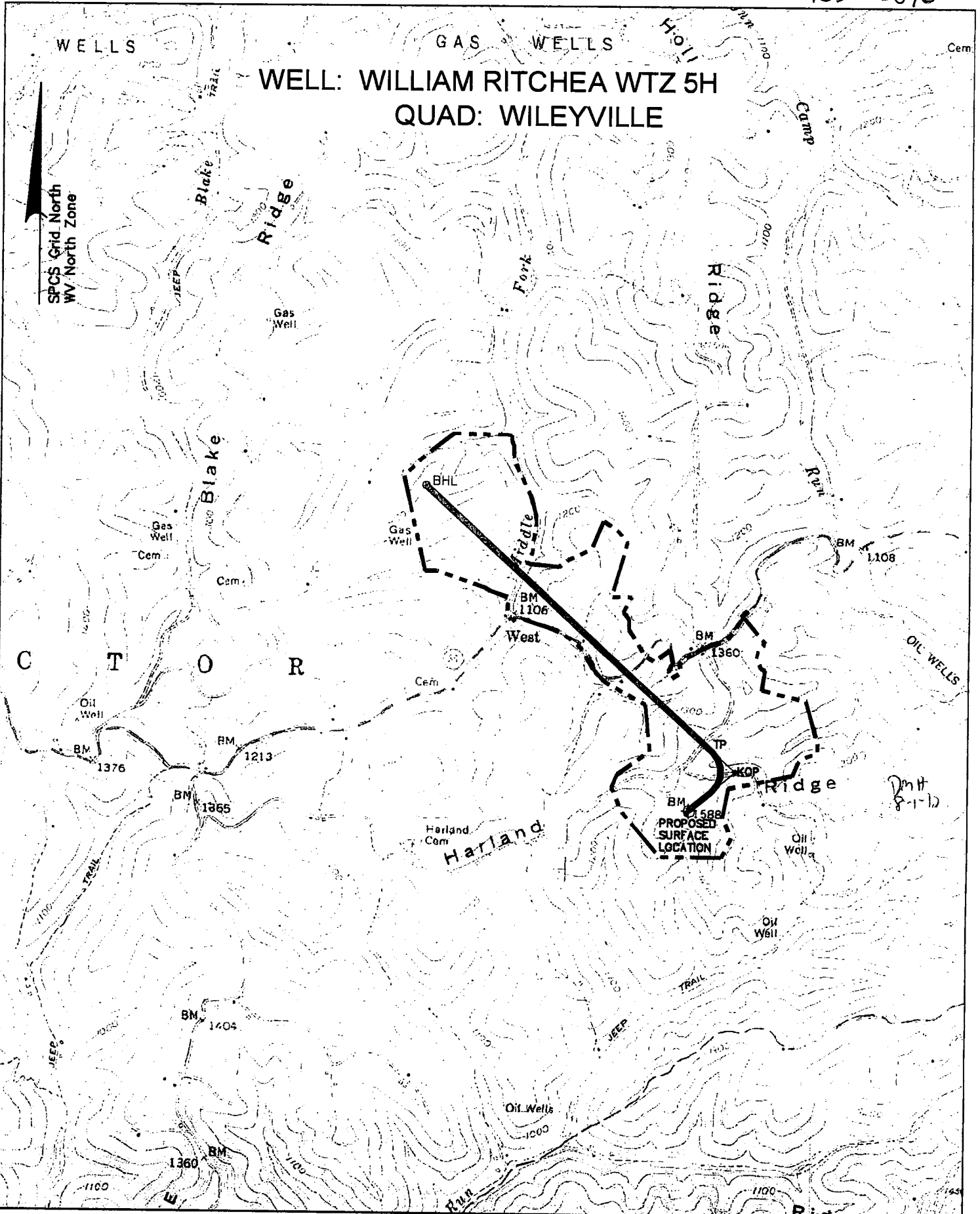
DATE: JULY 6, 2012
 OPERATOR'S WELL #: WILLIAM RITCHEA WTZ 5H
 API WELL #: 47 103 02-310 HGA
 STATE COUNTY PERMIT

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

WATERSHED: MIDDLE OHIO NORTH ELEVATION: 1,588'
 COUNTY/DISTRICT: WETZEL / PROCTOR QUADRANGLE: WILEVILLE
 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): _____

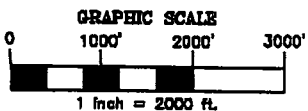
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,544' TMD 14,437' TMD
 WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC DESIGNATED AGENT: ERIC B. GILLESPIE
 ADDRESS: P.O. BOX 18496 ADDRESS: P.O. BOX 6070 10/19/2012
 CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496 CITY: CHARLESTON STATE: WV ZIP CODE: 25362



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.



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Applicant / Well Operator Name
CHESAPEAKE APPALACHIA, LLC

Address
PO BOX 18496 OKLAHOMA CITY, OK 73154-0498

Surface Landowner / Lessor
WILLIAM D. & SHIRLEY E. RITCHEA

Well (Farm) Name
WILLIAM RITCHEA WTZ

County - Code
WETZEL - 103

USGS 71/2 Quadrangle Map Name
WILEYVILLE

Well#
5H

Serial#

District
PROCTOR

10/19/2012