

9.724'

PROPOSED SURFACE LOCATION LONG. W 80°39'34.3" (NAD 27)

Latitude: N 39°42'30"

LEGEND

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

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.

GRID NORTH
NAD 83

Longitude: W 80°37'30"

REFERENCE LINE

L1 S64°44'23"W 1,051' TH (PROPOSED)

TOP HOLE (NAD 83) N) 428,088.0' E) 1,642,162.2' LAT.) 39°40'10.4" LONG.) 80°39'33.6" DEC. LAT.) 39.668544° DEC. LONG.) 80.659346°	KOP (NAD 83) N) 427,295.5' E) 1,641,569.8' LAT.) 39°40'02.5" LONG.) 80°39'41.1" DEC. LAT.) 39.667347° DEC. LONG.) 80.661414°
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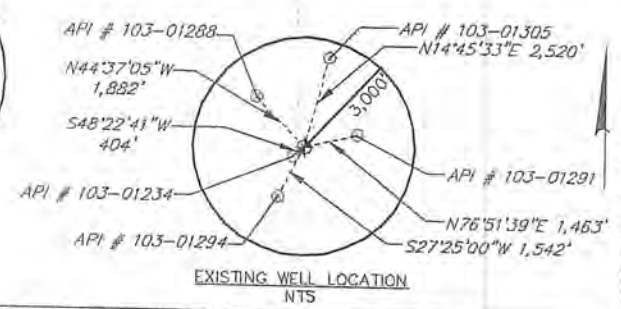
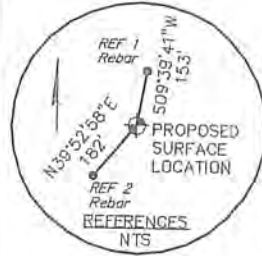
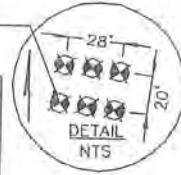
TOP HOLE (NAD 27) N) 428,051.2' E) 1,673,600.3' LAT.) 39°40'10.1" LONG.) 80°39'34.3" DEC. LAT.) 39.669463° DEC. LONG.) 80.659534°	KOP (NAD 27) N) 427,258.7' E) 1,673,007.9' LAT.) 39°40'02.2" LONG.) 80°39'41.8" DEC. LAT.) 39.667267° DEC. LONG.) 80.661602°
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TOP HOLE (UTM NAD 83) N) 4,391,136.31m E) 529,217.86m	KOP (UTM NAD 83) N) 4,390,891.86m E) 529,041.40m
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TURNING POINT (NAD 83) N) 427,835.0' E) 1,641,202.3' LAT.) 39°40'05.8" LONG.) 80°39'45.8" DEC. LAT.) 39.668266° DEC. LONG.) 80.662735°	BOTTOM HOLE (NAD 83) N) 432,047.7' E) 1,636,427.0' LAT.) 39°40'48.8" LONG.) 80°40'47.7" DEC. LAT.) 39.680209° DEC. LONG.) 80.679903°
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TURNING POINT (NAD 27) N) 427,598.2' E) 1,672,640.4' LAT.) 39°40'05.5" LONG.) 80°39'46.5" DEC. LAT.) 39.668186° DEC. LONG.) 80.662923°	BOTTOM HOLE (NAD 27) N) 432,011.0' E) 1,667,865.1' LAT.) 39°40'48.5" LONG.) 80°40'48.3" DEC. LAT.) 39.680129° DEC. LONG.) 80.680091°
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T.P. (UTM NAD 83) N) 4,390,993.43m E) 528,927.71m	BOTTOM HOLE (UTM NAD 83) N) 4,392,313.47m E) 527,450.44m
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TRACT	N/E PROPERTY OWNER/LESSOR	PARCEL NUMBER	LEASE NUMBER
1	NORMAN, E. JR., & NANCY M. KEENEY	12-09-00450000	1-254812-000
2	RONNIE E. & YVONNE M. WADE	12-14-00040001	WV0000150-001
3	MICHAEL E. & VELVA C. LASURE	12-14-00060000	1-292576-001
4	WILLIAM D. & SHIRLEY E. RITCHEA	12-14-00090000	WV0000129-001, WV0000129-002, WV0000129-003
5	WILLIAM R. PITOSCIA	12-14-00160000	WV0000105-000, WV0000109-001, WV0000109-002, WV0000109-003
6	WILLIAM R. PITOSCIA	12-14-00270000	WV0000109-001, WV0000109-002, WV0000109-003
7	WILLIAM D. & SHIRLEY E. RITCHEA	12-15-00210000	WV0000113-000
8	BERNARD LEE OUELLEY & SUSAN HALL, ET AL	12-15-00250000	WV0000110-000

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.: _____ 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 WIZ 1H

API WELL #: 47 103 02804 HGA

STATE: _____ COUNTY: _____ PERMIT: _____

WELL TYPE: OIL WASTE DISPOSAL GAS LIQUID INJECTION

PRODUCTION DEEP STORAGE SHALLOW

WATERSHED: MIDDLE OHIO NORTH

COUNTY/DISTRICT: WETZEL / PROCTOR

SURFACE OWNER: WILLIAM D. & SHIRLEY E. RITCHEA

OIL & GAS ROYALTY OWNER: _____

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

WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC

DESIGNATED AGENT: ERIC B. GILLESPIE

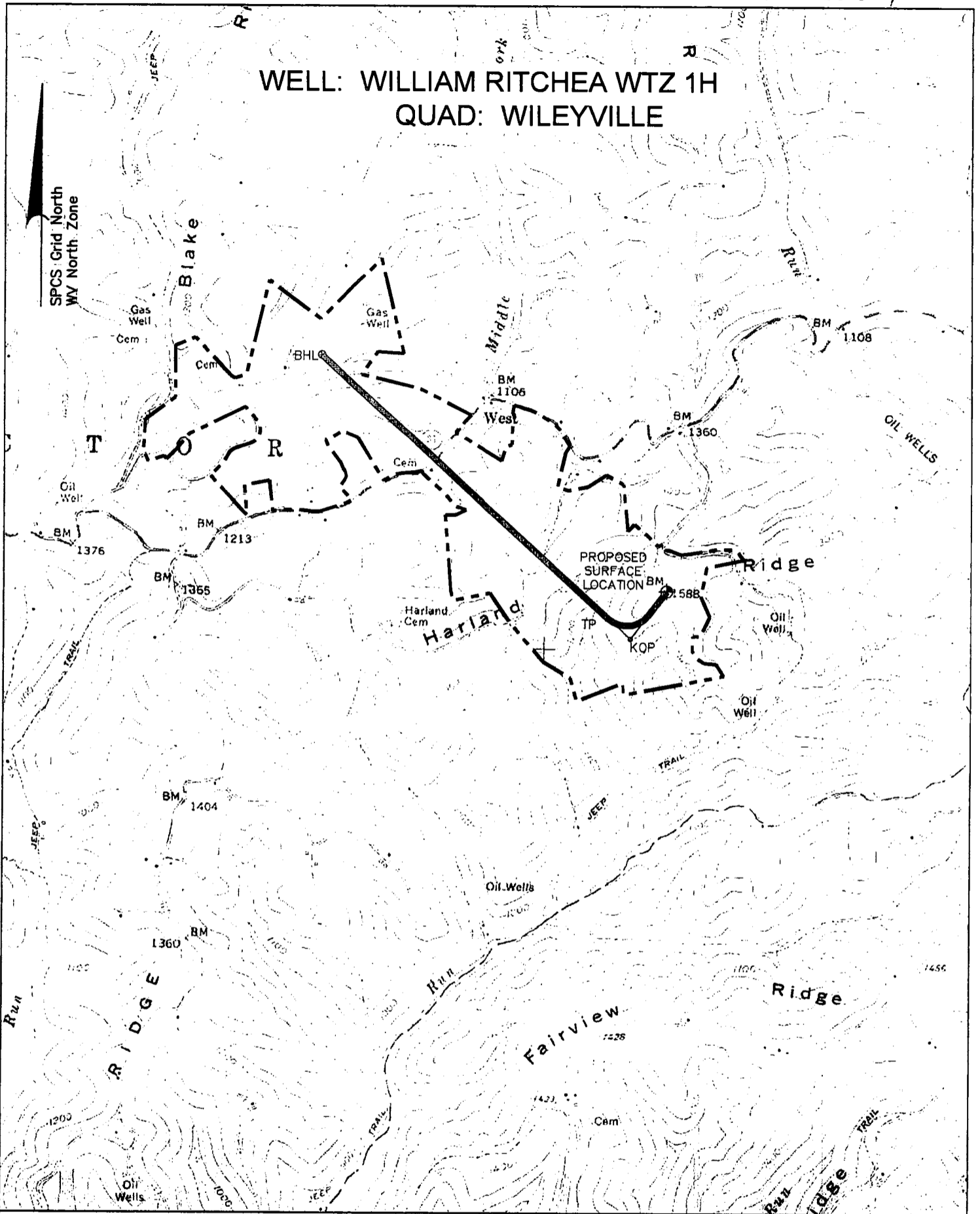
ADDRESS: P.O. BOX 18496 ADDRESS: P.O. BOX 6070

CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496 CITY: CHARLESTON STATE: WV ZIP CODE: 25362

ESTIMATED DEPTH: 7,531 TVD 14,423 TMD

10/19/2012

WELL: WILLIAM RITCHEA WTZ 1H
 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.

GRAPHIC SCALE



*DMH
8-3-12*

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Applicant / Well Operator Name CHESAPEAKE APPALACHIA, LLC		Well(Farm) Name WILLIAM RITCHEA WTZ		Well # 1H	Serial #
Address PO BOX 18498 OKLAHOMA CITY, OK 73154-0498		County - Code WETZEL - 103	District PROCTOR		
Surface Landowner / Lessor WILLIAM D. & SHIRLEY E. RITCHEA		USGS 7 1/2 Quadrangle Map Name WILEYVILLE		10/19/2012	