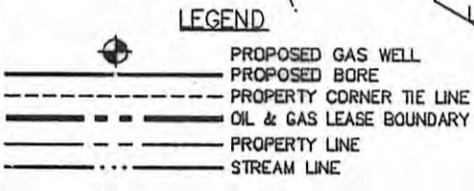
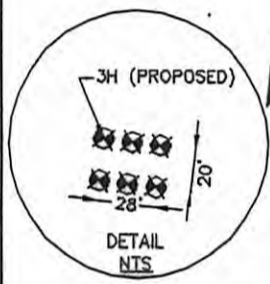
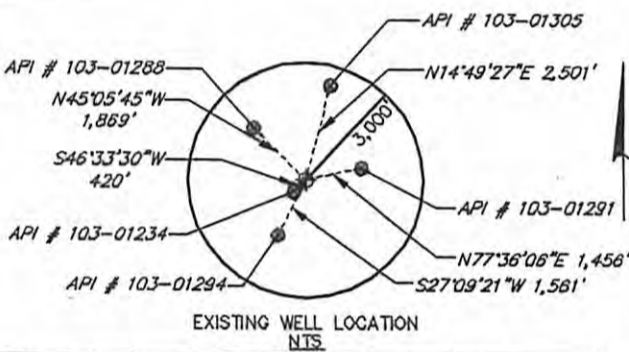
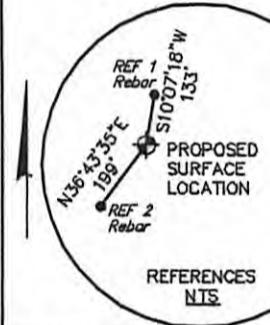


TOP HOLE (NAD 83) N) 428,107.9' E) 1,642,164.5' LAT.) 39°40'10.6" LONG.) 80°39'33.6" DEC. LAT.) 39.669598° DEC. LONG.) 80.659338°	BOTTOM HOLE (NAD 83) N) 432,519.2' E) 1,637,390.6' LAT.) 39°40'53.5" LONG.) 80°40'35.4" DEC. LAT.) 39.681538° DEC. LONG.) 80.676502°
TOP HOLE (NAD 27) N) 428,071.0' E) 1,673,602.7' LAT.) 39°40'10.3" LONG.) 80°39'34.3" DEC. LAT.) 39.669518° DEC. LONG.) 80.659527°	BOTTOM HOLE (NAD 27) N) 432,482.4' E) 1,668,828.7' LAT.) 39°40'53.2" LONG.) 80°40'36.1" DEC. LAT.) 39.681458° DEC. LONG.) 80.676690°
TOP HOLE (UTM NAD 83) N) 4,391,142.38m E) 529,218.47m	BOTTOM HOLE (UTM NAD 83) N) 4,392,462.02m E) 527,741.61m



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. THIS PLAT DOES NOT REPRESENT AN ACTUAL BOUNDARY SURVEY OF THE INDIVIDUAL PARCELS.



TRACT	N/F PROPERTY OWNER/LESSOR	PARCEL NUMBER	LEASE NUMBER
1	DALE A. HERMAN	12-09-00460000	1-264579-000
2	WAYNE GODDARD	12-09-00460003	1-28450-001 & 002
3	NORMAN E., JR. & NANCY M. KEENEY	12-09-00450000	1-284812-000
4	WAYNE & SANDRA M. HUGGINS	12-09-00460001	1-281150-001 & 002
5	WILLIAM D. & SHIRLEY E. RITCHEA	12-14-00090000	WV0000129-001 to 003
6	WILLIAM R. PITOSCIA	12-14-00160000	WV0000109-001 to 003
7	WILLIAM D. & SHIRLEY E. RITCHEA	12-15-00210000	WV0000113-000

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.H.: _____ L.L.S.: 2241



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



DATE: FEBRUARY 28, 2012
 OPERATOR'S WELL #: WILLIAM RITCHEA WIZ JH
 API WELL #: 47 103 02777H6A

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: 13,830' TVD: 7,535'
 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