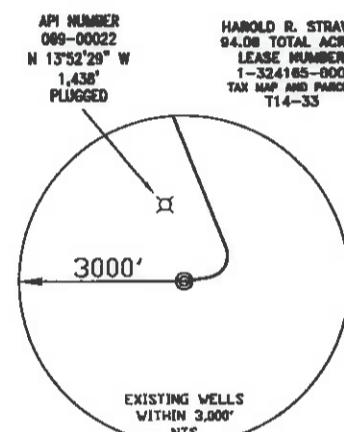


TH (BURN-HAND 88)
N) -4432667.8
E) -540016.9
BOTTOM HOLE (BURN-HAND 88)
N) -4435567.1
E) -539110.7

SPRING #1
S 18°58'33" W 772'



WELL (SURFACE HOLE)
ROY FERRELL
OHI 5H
WV-N (NAD 83)
N: 563779.82
E: 1679880.27
UTM (NAD 83)
N: 4432667.74
E: 540017.64

WELL (SURFACE HOLE)
ROY FERRELL
OHI 5H
WV-N (NAD 83)
N: 563779.82
E: 1679880.27
UTM (NAD 83)
N: 4432667.74
E: 540017.64

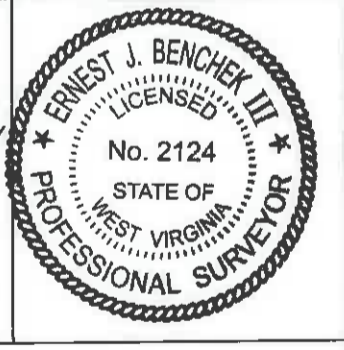
WELL (LANDING POINT)
ROY FERRELL
OHI 5H
WV-N (NAD 83)
N: 564626.69
E: 1680485.71
UTM (NAD 83)
N: 4432928.83
E: 540197.76

WELL (LANDING POINT)
ROY FERRELL
OHI 5H
WV-N (NAD 83)
N: 564626.69
E: 1680485.71
UTM (NAD 83)
N: 4432928.83
E: 540197.76

REFERENCE NOTES
Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Ohio County, West Virginia MARCH 2011 State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS Drafted by: EAK

FILE #: CHE 034
DRAWING #: 1854
PLAT = 1" - 2000'
SCALE: TICK MARK = 1" - 2000'
MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE SUBMETER MAPPING OF ELEVATION: GRADE 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]*
L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304
Well Type: Oil Waste Disposal Production Deep Gas Liquid Injection Storage Shallow
WATERSHED: WHEELING CREEK
COUNTY/DISTRICT: OHIO/TRIADELPHIA
SURFACE OWNER: ROY E. FERRELL
OIL & GAS ROYALTY OWNER: ROY E. FERRELL
LEASE NUMBERS: _____
DATE: MAY 10, 2016
OPERATOR'S WELL #: ROY FERRELL OHI 5H AS-DRILLED
API WELL #: 47 69 00112
STATE COUNTY PERMIT
AS-BUILT
ELEVATION : 1196.0'
QUADRANGLE: VALLEY GROVE WV.
ACREAGE: 202.31 +/-
ACREAGE: 719.704 +10/28/2016
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____
TARGET FORMATION: MARCELLUS
WELL OPERATOR : CHESAPEAKE APPALACHIA, LLC.
ADDRESS: PO BOX 18496
CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496
AS-DRILLED DEPTH: TVD: 6,558.49' TMD: 15,847'
DESIGNATED AGENT : JESSICA GREATHOUSE
ADDRESS: PO Box 6070
CITY: CHARLESTON STATE: WV ZIP CODE: 25301

SURFACE HOLE DEC. LAT: 40.083289
SURVEYED LAT: 40° 08' 35.6"