

PDC MOUNTAINEER, LLC.
WELL NO. ARMSTRONG/REYNOLDS 1HM

NOTES:
 -PLAT ORIENTATION, CORNERS, AND WELL REFERENCES ARE BASED UPON THE GRID NORTH MERIDIAN FOR THE WV STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD 83. WELL LOCATION REFERENCE TIES ARE BASED UPON THE MAGNETIC MERIDIAN.

-THERE ARE NO WATER WELLS LOCATED WITHIN 250' OF WELL 1HM.

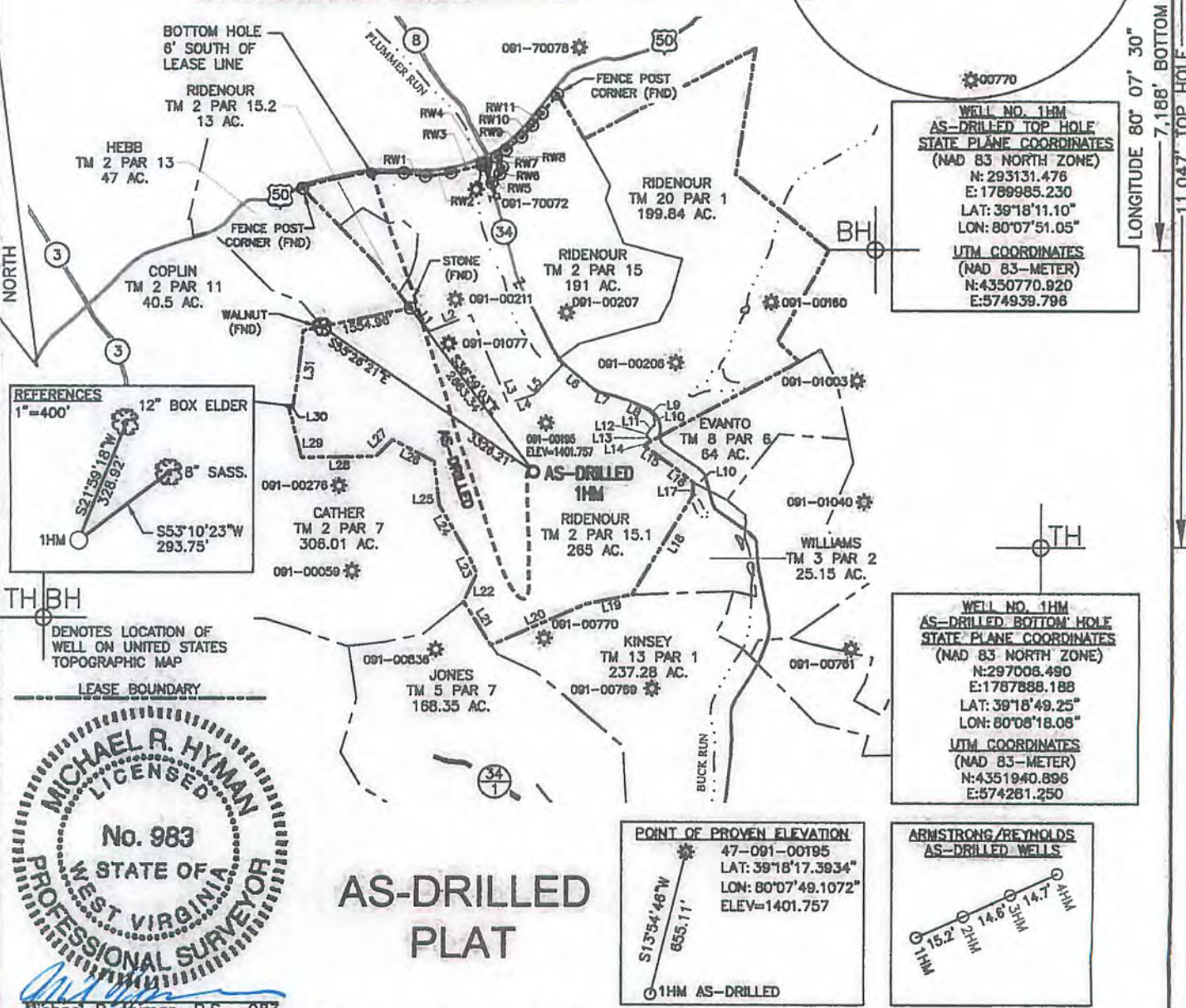
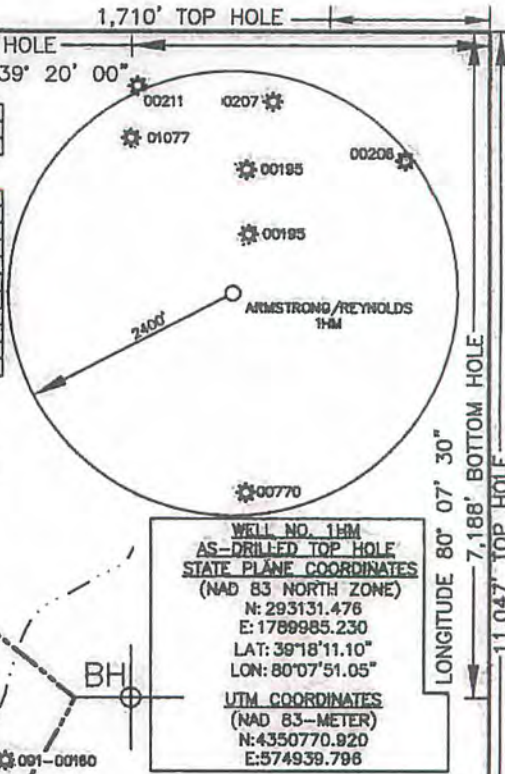
● = MONUMENT FOUND IRON REBAR UNLESS NOTED OTHERWISE.

L1	S36°45'00"E	304.00'
L2	N71°57'00"E	567.00'
L3	S19°17'00"E	1243.00'
L4	N74°57'00"E	356.00'
L5	N47°11'00"E	548.00'
L6	S46°55'00"E	549.00'
L7	S70°30'00"E	437.00'

L8	S60°15'00"E	300.00'
L9	S38°15'00"E	108.00'
L10	S02°24'00"W	105.00'
L11	S44°13'00"W	138.00'
L12	S25°18'00"W	43.00'
L13	S43°44'00"E	97.00'
L14	S84°27'00"W	123.00'
L15	S51°10'00"E	427.35'
L16	S47°30'00"E	368.46'
L17	S21°48'00"E	229.39'
L18	S30°05'00"W	1806.95'
L19	S82°18'00"W	803.41'
L20	S70°05'00"W	1351.02'
L21	N28°07'00"W	670.07'
L22	N28°07'00"E	399.96'
L23	N21°22'00"W	259.86'
L24	N28°30'00"W	754.22'
L25	N03°00'00"W	563.64'
L26	N58°15'00"W	606.38'
L27	S49°30'00"W	310.53'
L28	N87°06'00"W	960.14'

L29	N10°00'00"W	694.65'
L30	S81°45'00"E	84.02'
L31	N11°00'00"E	954.02'

RW1	S80°16'18"E	279.36'
RW2	N62°00'24"E	337.42'
RW3	N76°21'22"E	412.37'
RW4	N75°06'38"E	38.22'
RW5	N41°49'36"E	155.33'
RW6	N20°53'41"E	94.00'
RW7	N30°25'53"W	156.00'
RW8	N53°26'46"E	156.40'
RW9	N50°35'02"E	259.00'
RW10	N43°11'33"E	207.30'
RW11	N38°54'15"E	201.27'



MICHAEL R. HYMAN
 LICENSED
 No. 983
 STATE OF WEST VIRGINIA
 PROFESSIONAL SURVEYOR

Michael R. Hyman, P.S. 983
 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.

AS-DRILLED PLAT

POINT OF PROVEN ELEVATION
 47-091-00195
 LAT: 39°18'17.3934"
 LON: 80°07'49.1072"
 ELEV=1401.757

S13°54'46"W
 655.17'
 1HM AS-DRILLED

ARMSTRONG/REYNOLDS AS-DRILLED WELLS

FILE NO. <u>030-2175</u>	DATE <u>JUNE 3</u> , 2014
SCALE: <u>1"=2000'</u>	OPERATOR'S WELL NO. <u>ARMSTRONG/REYNOLDS NO. 1H</u>
MINIMUM DEGREE OF ACCURACY: <u>1 in 2500</u>	API WELL NO. <u>47 - 091 - 01278</u>
PROVEN SOURCE OF ELEVATION: <u>OPUS SURVEY GRADE GPS</u>	STATE <u>WV</u> COUNTY <u>TAYLOR</u> PERMIT <u>01278</u>
WELL TYPE: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> (IF "GAS"), PRODUCTION <input checked="" type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>	
LOCATION: ELEVATION: <u>1409.4'</u> WATER SHED: <u>BUCK RUN</u> DISTRICT: <u>FLEMINGTON</u> COUNTY: <u>TAYLOR</u> QUADRANGLE: <u>ROSEMONT 7.5'</u> ACREAGE: <u>265 AC±</u> SURFACE OWNER: <u>PAULINE W. RIDENOUR</u> LEASE ACREAGE: <u>735 AC±</u> OIL & GAS ROYALTY OWNER: <u>EUGENE ARMSTRONG & T. MARIE REYNOLDS</u> LEASE NO. _____	
PROPOSED WORK: DRILL <input checked="" type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____	
TARGET FORMATION: <u>MARCELLUS SHALE</u> ESTIMATED DEPTH: <u>7,912' TVD / 13,670' MD</u>	
WELL OPERATOR: <u>PDC MOUNTAINEER, LLC.</u> ADDRESS: <u>120 GENESIS BOULEVARD BRIDGEPORT, WV 26330</u>	DESIGNATED AGENT: <u>STEVEN JOHNSON</u> ADDRESS: <u>120 GENESIS BOULEVARD BRIDGEPORT, WV 26330</u>

THRASHER
 THE THRASHER GROUP, INC.
 600 WHITE OAKS BLVD.
 BRIDGEPORT, WV 26330
 PHONE 304-624-4108

06/06/2014