



WELL SITE	
STATE PLANE WV NORTH ZONE NAD 1927 N - 202,945.58 : E - 2,063,829.99	
LATITUDE: (N) 39.0569845° LONGITUDE: (W) 79.2752328°	
UTM NAD83 17 - 84W TO 78W, METERS N - 4,324,528.287 : E - 649,255.636	

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO.	CA 821584 P&A.DGN
DRAWING NO.	CA 821584 P&A
SCALE	1" = 1000'
MINIMUM DEGREE OF ACCURACY	1 : 200
PROVEN SOURCE OF ELEVATION	MAPPING 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) *Paul E. Miller*
R.P.E. _____ L.L.S. 647



STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION		DATE <u>NOVEMBER 16</u> , 20 <u>15</u>	
		OPERATOR'S WELL NO. <u>821584</u>	
		API WELL NO.	
		<u>47</u> STATE	<u>023</u> COUNTY
		<u>00015 P</u> PERMIT	
WELL TYPE: OIL ___ GAS <u>X</u> LIQUID INJECTION ___ WASTE DISPOSAL ___ (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW <u>X</u>			
LOCATION: ELEVATION <u>2,533'</u> WATER SHED <u>BROAD RUN OF JORDAN RUN</u>			
DISTRICT _____ UNION _____ COUNTY <u>GRANT</u>			
QUADRANGLE <u>BLACKBIRD KNOB, WV 7.5'</u>			
SURFACE OWNER <u>UNITED STATES OF AMERICA</u> ACREAGE <u>--</u>			
OIL & GAS ROYALTY OWNER <u>US BUREAU OF LAND MANAGEMENT</u> LEASE ACREAGE _____			
LEASE NO. _____			
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____			
PLUG AND ABANDON <u>X</u> CLEAN OUT AND REPLUG ___			
TARGET FORMATION _____ ESTIMATED DEPTH _____			
WELL OPERATOR <u>CHESAPEAKE APPALACHIA, L.L.C.</u> DESIGNATED AGENT <u>JESSICA GREATHOUSE</u>			
ADDRESS <u>P.O. BOX 18496, OKLAHOMA CITY, OK 73154-0496</u> ADDRESS <u>CHESAPEAKE APPALACHIA, L.L.C. PO BOX 8070, CHARLESTON, WV 25382</u>			

FORM WW-6

COUNTY NAME
PERMIT

04/15/2016

23000157

CHESAPEAKE APPALACHIA, L.L.C.

TOPOGRAPHICAL MAP OF ACCESS AND
WELL LOCATION 821584

API 47-023-00015



CHESAPEAKE ENERGY CORPORATION - EASTERN DIVISION
P.O. BOX 579 - 8165 COURT AVENUE - HAMLIN, WV 25523
304 824-5141 - FAX 304 824-2247

WV Department of
Environmental Protection