

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS MANAGEMENT

Drill & Operate Well Permit (Unconventional)

APPLICANT INFORMATION				
Applicant (Operator) Name RICE DRILLING B LLC	Legal Name RICE DRILLING B LLC	DEP Client ID# 268470	Phone 724-809-5469	FAX
Mailing Address (Street or PO Box) 2400 ANSYS DRIVE	Address 2 SUITE 200			
City CANONSBURG	State PA	Zip +4 15317		
Email Address espine@eqt.com	24/7 Emergency Contact Name / Number EQT EMERGENCY CONTACT 800-926-1759			

WELLBORE INFORMATION			
Well API Number 37-059-27486	Wellbore Name	Type of Wellbore GAS	Wellbore Configuration HORIZONTAL WELL
Well API Number 37-059-27486	Wellbore Name	Type of Wellbore GAS	Wellbore Configuration HORIZONTAL WELL
Well API Number 37-059-27486	Wellbore Name	Type of Wellbore GAS	Wellbore Configuration HORIZONTAL WELL

SUBMISSION INFORMATION	
Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. Any false statement is subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	
Submitted By	OLIVIA PISHIONERI
Document Generated	08/02/2018 04:21:15 PM

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS MANAGEMENT**

Drill & Operate Well Permit (Unconventional)

UPLOADED FILES		
Attachment Location Plat	File Name THUNDER 1_20 PG3_3702.dwg	File Upload Date 07/30/2018
Cryptographic Hash Value of File (SHA-512) E00C4824BCA332F8429D99E66F0F138ABCFD1F59BAFF4DC044637013898A70AF62E384B6099F94749BB8E7A503BC07753A0494F2DD2A34ADC83C57124BE5A7F		
Attachment Location Plat	File Name THUNDER 1_20 PG2A_3702.dwg	File Upload Date 06/06/2018
Cryptographic Hash Value of File (SHA-512) 389D9CC797604D016E8EC3525FA639F93A8A6D94752BBABF9E66041AA6EC201847E4A732A89826FF81515172A1E3EF8BA053BBE5039A6F0393D2521747E5DF35		
Attachment Pennsylvania Natural Diversity Inventory Form	File Name Thunder 1 PNDI 7.17.2018.pdf	File Upload Date 07/20/2018
Cryptographic Hash Value of File (SHA-512) C6062A2649064DA1577F43FA470FB2ACE8AB239EDAC2DAD23A807148266E2E0244B64169A5C1519FC4616A2DB8087DBCEBA59F860AAB5DCC22F927F87892B3FB		
Attachment Permit Application to Drill and Operate a Well	File Name Thunder 1_20_Revised Permit App 8.2.2018.pdf	File Upload Date 08/02/2018
Cryptographic Hash Value of File (SHA-512) FB48CFD08DCECCA0365D9A300C56C757EB0B0FE11E23D4C342DD6264A33CB42AD89311FF7D8C3131E42D69B8FFA5B961964C21EF18279781C1FC0EFF2A7CAC37		
Attachment Location Plat	File Name THUNDER 1_20 PG1_3702.dwg	File Upload Date 06/06/2018
Cryptographic Hash Value of File (SHA-512) 88A8E045B0443FCB9622DADC76FC5AB1DFAD41235DA99B6CCABCEAB9156B2F4B7069640EBA32196A05B05DB3AAF089467D4D3B619D635485C99C3140D28B44AF		
Attachment Interested Party Notification	File Name Thunder 1 South_Affidavits of Non Delivery 8.1.2018.pdf	File Upload Date 08/02/2018
Cryptographic Hash Value of File (SHA-512) 5B52CC8100574276F51D9BD44B9C89C41D9746600290C41FAF88EB369730BB09ABF7192F8B7E7EB6D02398B63DDDD2657E3EF7AE3E677B8209A130FE5CBCCF4B		
Attachment Underground Mine Workings Map	File Name Thunder 1 South_Cumberland Contura Mine Map.pdf	File Upload Date 07/20/2018
Cryptographic Hash Value of File (SHA-512) 0969B33BF79BB1EEF3AA4FC2FAE9CE088ED7462FFA6E40A78643F9C426A882ED63CB201DA95B532760D756294689E36A8E8358BE6A0E917A9AD438E8D8332D99		
Attachment Coal and Gas Resource Coord Act - Section 7 Exception	File Name Thunder 1_Landowner Permission to Drill 5.16.2017.pdf	File Upload Date 06/06/2018
Cryptographic Hash Value of File (SHA-512) E11A8362F23BD39F029A06A71E16CB9C77F55C6B832FB99F8A446612D8EFADA6CB9997783F5FC0D501DE9BFD54BD424F8B1F3A7AA76A6F9F42B0B8924ABF43F0		
Attachment Well Cross-Section Diagram	File Name THUNDER 1_20_Pg4 Cross Section.pdf	File Upload Date 06/06/2018
Cryptographic Hash Value of File (SHA-512) A8B38F6258A911CC4744FD9846A7332C53825F73D020B57F44C40A9211FA4BBA90EC2411144111440A49EB6E2CF542CDA0A28898B2321F00E692DA35DA0EE8D5		
Attachment Well Permit Application - Coal Module	File Name Thunder 1_Coal Module with Delivery 7.17.2018.pdf	File Upload Date 07/20/2018
Cryptographic Hash Value of File (SHA-512) ADCB68C449E429FC4B63564E95881BE2CE5739A360CC5031E54992323F72F75B6BB43AA481C21FED9F77E0A7B244C5EAD48E7E82CD042DA4A1FB75A387AF9F5		
Attachment Location Plat	File Name THUNDER 1_20 PG2_3702.dwg	File Upload Date 06/06/2018
Cryptographic Hash Value of File (SHA-512) 628E55EA1BCF9815C33AF4DB96E47EE9C705175F97014CCE47D29D3567D36F5BD79E0FA83FEFED906661FA5E33FAC5DBC7AEB5A90CB07076912F02EF0428F488		
Attachment Location Plat	File Name THUNDER 1_20 PG4_3702.dwg	File Upload Date 06/06/2018
Cryptographic Hash Value of File (SHA-512) 54CF981B7A1B1D5D2EAB2050615AEA726F64318C7C357067B58B96D34373B34268611861F17AEB4DDB6C53737A5B0A4EE387ED6AAB8A57918AEAC497185F8D09		