



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

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

PERMIT APPLICATION TO DRILL AND OPERATE AN UNCONVENTIONAL WELL

APPLICANT INFORMATION				
Applicant (Operator) Name RICE DRILLING B LLC	Legal Name RICE DRILLING B LLC	DEP Client ID# 268470	Phone 724-271-7200	FAX 724-749-5581
Mailing Address (Street or PO Box) 2200 RICE DRIVE	Address 2			
City CANONSBURG	State PA	Zip +4 15317		
Email Address erin.spine@riceenergy.com	24/7 Emergency Contact Name / Number MIKE LAUDERBAUGH 724-809-9897			

WELL INFORMATION			
(Well) Farm Name PISTON HONDA			
Well # 10	Serial #	Project # (from DEP)	
County GREENE	Municipality ALEPPO TWP	911 Address of Well site (or nearest intersection) 641 Morford Road Aleppo PA 15310	
Is this an Unconventional well? Y	Is this a Coal well? Y	Bond Agreement ID 11936 - BLANKET (\$459,000)	Well Deepest Point (TVD) 7707

WELLBORE INFORMATION			
Wellbore Number 1	Wellbore Name WELLBORE SURFACE HOLE LOCATION	Type of Wellbore GAS	Wellbore Configuration Horizontal Well

WELL PAD INFORMATION			
Well Pad Name PISTON HONDA			
Is this well covered under an ESCGP? Y	ESCGP Number 1064073	Will this well be built on a well pad? Y	Well Pad 152573-PISTON HONDA

COORDINATION QUESTIONS	
Will the well be subject to the Oil and Gas Conservation Law?	N
Will either the edge of the disturbed area of any portion of the well site of the unconventional well be within 100 feet, or the vertical well bore be within 300 feet, from the edge of any solid blue lined stream, spring or body of water identified on the most current 7 1/2 topographic quadrangle map or wetland greater than one acre in size or in a wetland?	N
Will the well penetrate or be within 3,000 feet of an active gas storage reservoir boundary?	N
Is the proposed well location within the permitted perimeter of an active, abandoned or proposed landfill?	N
Will the vertical well bore of the unconventional well be drilled within 500 feet from any existing building or an existing water supply?"	N
Will the vertical well bore of the unconventional well be drilled within 1,000 feet from any existing water well, surface water intake, reservoir or other water supply extraction point used by the water purveyor?	N
Is this permit application for a well that will be drilled on an existing well site that has an active permitted well, or currently valid permit on this well site, for a well that was permitted on or before April 16, 2012?	N
Will the well be located where it may impact a public resource as outlined in the 'Coordination of a Well Location with Public Resources' form 5500 PM-OG0076?	N
Will any portion of the well site be located within a Special Protection watershed?	N
Is this well part of a development which disturbs more than 5 acres?	Y
Will the well or well site be located within a defined 100 year floodplain or where the floodplain is undefined, within 100 feet of the top of the bank of a perennial stream or within 50 feet of the top of the bank of an intermittent stream?	N
Is the well to be located within a 1-mile radius of a well drilled to or through the same formation where hydrogen sulfide (H2S) has been found while drilling?	N
Did you have a PNDI hit for the PA Department of Conservation and Natural Resources Bureaus of Forestry and Topographic and Geologic Survey?	Y
Did you have a PNDI hit for the PA Fish and Boat Commission?	N
Did you have a PNDI hit for the PA Game Commission?	N
Did you have a PNDI hit for the U.S. Fish and Wildlife Service?	N

COAL MODULE	
Will the well penetrate a workable coal seam?	Y
Have any coal rights been severed from the surface estate?	Y



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If the coal rights been severed from the surface estate, have the owners of the workable and unworkable coal seams been notified?	Y
Is this a "non-conservation" gas well?	Y
If the well will penetrate a workable coal seam, and the well is a 'non-conservation' gas well, does the location comply with the distance requirements of Section 7 of the Coal and Gas Resource Coordination Act (at least 1,000 feet from all existing wells) and, if part of a well cluster, at least 2,000 feet from any other existing cluster, as measured from the center of the well bore of the nearest well?	Y
Will the well be part of a Well Cluster which is an area within a well pad intended to host multiple horizontal wells and which comprises an area no greater than 5,000 square feet?	Y
Will this well be part of a Well Cluster that already has an approved OG-57 waiver?	N
Will this well be drilled into solid coal or into an open underground void?	SC
Will the well be drilled through an operating coal mine, or within 1,000 feet of the boundary?	N
Has the surface landowner been notified and provided a copy of the Landowner Notification of Right to Participate in Alternative Dispute Resolution to Coal Bed Methane Wells (form 5500-FM-OG0053)?	N



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WELLBORE SURFACE-HOLE LOCATION	
Surface elevation (in ft.)	1487
Latitude/Longitude	39 47 32.4200 -80 30 10.2000
Metadata Method	GPS CARRIER PHASE KINEMATIC RELATIVE POSITION
Accuracy (in ft.)	3
Datum	North American Datum of 1983
Reference Elevation	1487
USGS Map Name	CAMERON WV
USGS Map Section #	6
Offset South (in feet)	14935
Offset West (in feet)	795

WELLBORE LOCATION INFORMATION	
WELLBORE SURFACE HOLE LOCATION	
Type of Wellbore	GAS
Wellbore Configuration	Horizontal Well
Target Formation	MARCELLUS FORMATION(MARCF)
Producing Formation	MARCELLUS FORMATION(MARCF)
Oldest Formation Penetrated	MARCELLUS FORMATION(MARCF)
Wellbore Origin Point Lat/Long	39 47 32.4200 -80 30 10.2000
Wellbore Origin Point True Vertical Depth (TVD)	0
Wellbore Origin Point Total Measured Distance (TMD)	0
Wellbore Deepest Point Lat/Long	39 45 57.3100 -80 28 21.9900
Wellbore Deepest Point True Vertical Depth (TVD)	7707
Wellbore Deepest Point Total Measured Distance (TMD)	20306
Bottom Hole Lat/Long	39 45 57.3100 -80 28 21.9900
Bottom Hole True Vertical Depth (TVD)	7707
Bottom Hole Total Measured Distance (TMD)	20306

WELL PAD LOCATION INFORMATION	
Well Pad Corner 1 Lat/Long	
Well Pad Corner 2 Lat/Long	
Well Pad Corner 3 Lat/Long	
Well Pad Corner 4 Lat/Long	
Well Site GPS Location Lat/Long	39 47 33.3888 -80 30 09.2916
Well Site Access Road GPS Lat/Long	39 47 43.3608 -80 29 08.5812

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).	
I hereby certify that, for all interested parties identified in this application for which written consent or an "Affidavit of Non-Delivery of Certified Mail" has not been uploaded, copies of the well plat have been sent via certified mail and I have received a return receipt verifying delivery.	
Submitted By	ERIN SPINE
Document Generated	08/11/2017 03:48:13 PM



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INTERESTED PARTIES			
Interested Party ALEPPO TOWNSHIP	Address 815 ALEPPO ROAD NEW FREEPORT, PA 15352	Notifications MU - Municipalities	
Municipality ALEPPO TOWNSHIP	Notified MAIL	Certified Mail Sent Date 12/05/2016	Certified Mail Delivery Date 12/12/2016
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations			
Interested Party BRADY L. ANDERSON	Address 487 MORFORD ROAD ALEPPO, PA 15310	Notifications WPU - Surface Landowners and Water Purveyors with water supplies less than 3000 ft	
Municipality	Notified MAIL	Certified Mail Sent Date 12/05/2016	Certified Mail Delivery Date
Address Affidavit Y	Written Consent N	Notification Acknowledgement Date	Uploaded Files Brady and Cathy_Affidavit 8.4.2017.pdf
Water Source Locations 39 47 15.1200 -80 30 03.3800 Water Well - Water Purveyor 39 47 21.6700 -80 29 53.8700 Water Well - Private Supply			
Interested Party CATHY A. & BRADY L. ANDERSON	Address 487 MORFORD ROAD ALEPPO, PA 15310	Notifications WPU - Surface Landowners and Water Purveyors with water supplies less than 3000 ft	
Municipality	Notified MAIL	Certified Mail Sent Date 12/05/2016	Certified Mail Delivery Date
Address Affidavit Y	Written Consent N	Notification Acknowledgement Date	Uploaded Files Brady and Cathy_Affidavit 8.4.2017.pdf
Water Source Locations 39 47 06.8300 -80 30 02.4300 Water Well - Private Supply			
Interested Party CHARLES HINERMAN JR	Address 2600 TOBERG STREET PITTSBURGH, PA 15212	Notifications CO - Coal Owner	
Municipality	Notified MAIL	Certified Mail Sent Date 12/05/2016	Certified Mail Delivery Date
Address Affidavit Y	Written Consent N	Notification Acknowledgement Date	Uploaded Files Charles and Eric_Affidavit 8.4.2017.pdf
Water Source Locations			
Interested Party CHARLES R. & ELLEN KATHLEEN ROCKWELL THE ROCKWELL FAMILY TRUST	Address 93 FRAZEE ROAD AMITY, PA 15311	Notifications SL - Surface Landowner WPU - Surface Landowners and Water Purveyors with water supplies less than 3000 ft	
Municipality	Notified MAIL	Certified Mail Sent Date 12/05/2016	Certified Mail Delivery Date 12/15/2016
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations 39 47 43.2900 -80 30 10.8500 Surface Water Body - Private Supply 39 47 44.5700 -80 30 11.4500 Surface Water Body - Private Supply 39 47 44.7400 -80 30 10.8100 Water Well - Private Supply			
Interested Party CONTURA PENNSYLVANIA LAND LLC	Address 158 PORTAL ROAD PO BOX 1020 WAYNESBURG, PA 15370	Notifications CO - Coal Owner	
Municipality	Notified MAIL	Certified Mail Sent Date 12/05/2016	Certified Mail Delivery Date 12/09/2016
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations			
Interested Party DAVID HINERMAN	Address 1232 MAPLE STREET GLENSHAW, PA 15116	Notifications CO - Coal Owner	
Municipality	Notified MAIL	Certified Mail Sent Date 12/05/2016	Certified Mail Delivery Date
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations			
Interested Party ERIC HINERMAN HEIRS	Address 1232 MAPLE STREET	Notifications CO - Coal Owner	



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& ASSIGNS		GLENSHAW, PA 15116	
Municipality	Notified MAIL	Certified Mail Sent Date 12/05/2016	Certified Mail Delivery Date
Address Affidavit Y	Written Consent N	Notification Acknowledgement Date	Uploaded Files Charles and Eric_Affidavit 8.4.2017.pdf
Water Source Locations			
Interested Party GENE KING		Address 1435 FOURTH STREET MONONGAHELA, PA 15063	
Notifications CO - Coal Owner			
Municipality	Notified MAIL	Certified Mail Sent Date 12/05/2016	Certified Mail Delivery Date 12/09/2016
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations			
Interested Party GEORGE HALL		Address 1526 6TH STREET MOUNDSVILLE, WV 26041	
Notifications CO - Coal Owner			
Municipality	Notified MAIL	Certified Mail Sent Date 12/05/2016	Certified Mail Delivery Date
Address Affidavit Y	Written Consent N	Notification Acknowledgement Date	Uploaded Files George and Greg_Affidavit 8.4.2017.pdf
Water Source Locations			
Interested Party GREG A. & SUSAN J. MERIDETH		Address 11 MILKWEED PLACE PATASKALA, OH 43062	
Notifications WPU - Surface Landowners and Water Purveyors with water supplies less than 3000 ft			
Municipality	Notified MAIL	Certified Mail Sent Date 12/05/2016	Certified Mail Delivery Date
Address Affidavit Y	Written Consent N	Notification Acknowledgement Date	Uploaded Files George and Greg_Affidavit 8.4.2017.pdf
Water Source Locations 39 47 02.5700 -80 30 13.8600 Water Well - Private Supply 39 47 03.7700 -80 30 11.1500 Water Well - Private Supply			
Interested Party JACK BEUTH JR & LISA M. RITTER		Address 1000 W INGOMAR ROAD PITTSBURGH, PA 15237	
Notifications WPU - Surface Landowners and Water Purveyors with water supplies less than 3000 ft			
Municipality	Notified MAIL	Certified Mail Sent Date 12/05/2016	Certified Mail Delivery Date 12/10/2016
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations 39 47 35.5900 -80 30 42.8500 Water Well - Private Supply			
Interested Party JACKSON TOWNSHIP		Address 104 TUNNEL ROAD HOLBROOK, PA 15341	
Notifications MU - Municipalities			
Municipality JACKSON TOWNSHIP	Notified MAIL	Certified Mail Sent Date 12/05/2016	Certified Mail Delivery Date 12/09/2016
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations			
Interested Party JAMES K. ORUM		Address 2430 27TH STREET CT S APT 408 ARLINGTON, VA 22206	
Notifications CO - Coal Owner			
Municipality	Notified MAIL	Certified Mail Sent Date 12/05/2016	Certified Mail Delivery Date
Address Affidavit Y	Written Consent N	Notification Acknowledgement Date	Uploaded Files James and Mary Anne_Affidavit 8.4.2017.pdf
Water Source Locations			
Interested Party JOANN GRIM		Address 175 HERRODS RUN ROAD NEW FREEPORT, PA 15352	
Notifications CO - Coal Owner			
Municipality	Notified MAIL	Certified Mail Sent Date 12/05/2016	Certified Mail Delivery Date 12/10/2016
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations			



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Interested Party MARY ANNE SMITH	Address 20 FOSTER SQUARE PITTSBURGH, PA 15212	Notifications CO - Coal Owner	
Municipality	Notified MAIL	Certified Mail Sent Date 12/05/2016	Certified Mail Delivery Date
Address Affidavit Y	Written Consent N	Notification Acknowledgement Date	Uploaded Files James and Mary Anne_Affidavit 8.4.2017.pdf
Water Source Locations			
Interested Party RICE DRILLING B LLC	Address 2200 RICE DRIVE CANONSBURG, PA 15317	Notifications WPU - Surface Landowners and Water Purveyors with water supplies less than 3000 ft	
Municipality	Notified PERSON	Certified Mail Sent Date	Certified Mail Delivery Date
Address Affidavit	Written Consent N	Notification Acknowledgement Date 12/06/2016	Uploaded Files
Water Source Locations 39 47 46.0700 -80 30 03.4800 Surface Water Body - Private Supply			
Interested Party RICHHILL TOWNSHIP	Address 109 MUNICIPAL LANE WIND RIDGE, PA 15380	Notifications MU - Municipalities	
Municipality RICHHILL TOWNSHIP	Notified MAIL	Certified Mail Sent Date 12/05/2016	Certified Mail Delivery Date 12/09/2016
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations			
Interested Party ROBERT CHARLES SR. & JEAN JOHNSON EVANS THE EVANS FAMILY TRUST	Address 80 WILLOW DRIVE WASHINGTON, PA 15301	Notifications WPU - Surface Landowners and Water Purveyors with water supplies less than 3000 ft	
Municipality	Notified MAIL	Certified Mail Sent Date 12/05/2016	Certified Mail Delivery Date 12/13/2016
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations 39 47 17.8200 -80 30 42.5500 Surface Water Body - Private Supply 39 47 19.6600 -80 30 42.5700 Water Well - Private Supply			
Interested Party SPRINGHILL TOWNSHIP	Address 268 WINDY GAP ROAD ALEPPO, PA 15310	Notifications MU - Municipalities	
Municipality SPRINGHILL TOWNSHIP	Notified MAIL	Certified Mail Sent Date 12/05/2016	Certified Mail Delivery Date 12/12/2016
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations			



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UPLOADED FILES		
Attachment Coordination of Well Location with Public Resources	File Name Piston Honda 10_PNDI Packet 7.19.2017.pdf	File Upload Date 08/03/2017
Cryptographic Hash Value of File (SHA-512) 0965168847074765A816DA592904560D48CB8D4EE64B2E55F0EE495F666E2B25FAC99A91816D8CEBAF9DFF663E24D2EC742E77415E7B0F652D82DD6331C2B59		
Attachment Location Plat	File Name Piston Honda 10_FINAL DWG 8.11.2017.dwg	File Upload Date 08/11/2017
Cryptographic Hash Value of File (SHA-512) 624F8DF3BE1D2D8BD1B3E2C931887A8F4521DFDB1912CF06E508641D6199FC7ED634C67AF4398D678E7DD6250CDC3F06C0F15B1CDE4740AC4505DCCEBF06B2E9E		
Attachment Pennsylvania Natural Diversity Inventory Form	File Name Piston Honda 10_PNDI Packet 7.19.2017.pdf	File Upload Date 07/19/2017
Cryptographic Hash Value of File (SHA-512) 0965168847074765A816DA592904560D48CB8D4EE64B2E55F0EE495F666E2B25FAC99A91816D8CEBAF9DFF663E24D2EC742E77415E7B0F652D82DD6331C2B59		
Attachment Operator Ownership and Control Information	File Name SIGNED RDB Oil and Gas Operator Ownership and Control Information_8000-F....pdf	File Upload Date 05/08/2017
Cryptographic Hash Value of File (SHA-512) 7AA470855838797ACAA716F7AE61AD34A7C1B4C0CD6BD3833BA8B9B9AF94B533F6A0B201E5B9C885070BAFB40044D035BFFB1E1B65575A59565F4EFDAC2D8C95		
Attachment Well Cross-Section Diagram	File Name Piston Honda 10 Pg4 Cross Section.pdf	File Upload Date 08/11/2017
Cryptographic Hash Value of File (SHA-512) 9EA28031FCBFC90144BE140FEB2180ACFA601603E9EA9243F17704DB197C171650BB1C69F27463F8F7BDA401E195DBD08AD893A3BD542990B974129850E94918		
Attachment BRADY L. ANDERSON	File Name Brady and Cathy_Affidavit 8.4.2017.pdf	File Upload Date 08/04/2017
Cryptographic Hash Value of File (SHA-512) 75B75883DBD8E44C881C25933BA81F40E16C0828ECC935355118F106E0A86E73E03CC9CDEEB5C2AA2B17EBB8B60D7F12668A5F10813C81E64259B79BFB669E0		
Attachment CATHY A. & BRADY L. ANDERSON	File Name Brady and Cathy_Affidavit 8.4.2017.pdf	File Upload Date 08/04/2017
Cryptographic Hash Value of File (SHA-512) 75B75883DBD8E44C881C25933BA81F40E16C0828ECC935355118F106E0A86E73E03CC9CDEEB5C2AA2B17EBB8B60D7F12668A5F10813C81E64259B79BFB669E0		
Attachment CHARLES HINERMAN JR	File Name Charles and Eric_Affidavit 8.4.2017.pdf	File Upload Date 08/04/2017
Cryptographic Hash Value of File (SHA-512) 94EB555E7003523419867660EB93265CB69B2B1A8A7CDC46E5DE591B2A9357DCF8FDC6781B0C71FF6EBEAAEA51590D51A88FF43EE03094DDC8263FCCE637D37		
Attachment ERIC HINERMAN HEIRS & ASSIGNS	File Name Charles and Eric_Affidavit 8.4.2017.pdf	File Upload Date 08/04/2017
Cryptographic Hash Value of File (SHA-512) 94EB555E7003523419867660EB93265CB69B2B1A8A7CDC46E5DE591B2A9357DCF8FDC6781B0C71FF6EBEAAEA51590D51A88FF43EE03094DDC8263FCCE637D37		
Attachment GEORGE HALL	File Name George and Greg_Affidavit 8.4.2017.pdf	File Upload Date 08/04/2017
Cryptographic Hash Value of File (SHA-512) 51E9EB5CDD2EF770982F7434194E3A09250F4519837A757F50D1993E3D3A1BB5171DA0089A74F4A46C1C24BB2F624136EE6E1D3B0DPE2C785DDB9B886D188F98		
Attachment GREG A. & SUSAN J. MERIDETH	File Name George and Greg_Affidavit 8.4.2017.pdf	File Upload Date 08/04/2017
Cryptographic Hash Value of File (SHA-512) 51E9EB5CDD2EF770982F7434194E3A09250F4519837A757F50D1993E3D3A1BB5171DA0089A74F4A46C1C24BB2F624136EE6E1D3B0DPE2C785DDB9B886D188F98		
Attachment JAMES K. ORUM	File Name James and Mary Anne_Affidavit 8.4.2017.pdf	File Upload Date 08/04/2017
Cryptographic Hash Value of File (SHA-512) B9076B18A6D0F86BADAB0D2DC13A52AEEAA6345C2EAF8192498A22686B618A061A1E9D252D077167199EBC36581A05A1E57C1BEFD549A6BB8634FA091F0FAB16		
Attachment MARY ANNE SMITH	File Name James and Mary Anne_Affidavit 8.4.2017.pdf	File Upload Date 08/04/2017
Cryptographic Hash Value of File (SHA-512) B9076B18A6D0F86BADAB0D2DC13A52AEEAA6345C2EAF8192498A22686B618A061A1E9D252D077167199EBC36581A05A1E57C1BEFD549A6BB8634FA091F0FAB16		