

May 14, 2025

Cecil Township
3599 Millers Run Rd
Cecil, Pa 15321

To Whom It May Concern:

RE: CONNER SAMUEL 17458 1H,2H,5H (Wellbore Modifications)

This letter will serve as formal notification that under the provisions of Oil and Gas Act 223/13, it is required by law that operators notify:

- Surface landowners of a proposed well site;
- Host municipality, adjacent municipalities and municipalities within 3,000 feet of a proposed unconventional vertical well bore;
- Gas storage operators if the well is within a gas storage area, or reservoir protective area within 3,000 feet from the proposed unconventional vertical well bore;
- Coal owners, lessees and operators of the coal underlying a proposed well site, if applicable;
- Surface owners/water purveyors whose water supplies are located within 3,000 feet of a proposed unconventional vertical well bore.

Enclosed please find the Well Location Plat for above referenced well(s) and Notification of Surface Landowner/Water Purveyor of Well Drilling Operation or Alteration form. Should you have any questions regarding this notification, please contact the undersigned at 724/873-3247.

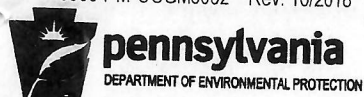
You may also contact the Range Resources Response Center by phone at 724/754-5999 or email at responsecenter@rangeresources.com concerning this notice or with any other questions or concerns.

Sincerely,



Teresa Matinko
Lead Regulatory Compliance Technician
Range Resources - Appalachia, LLC

Enclosure



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT
WELL LOCATION PLAT

PAGE 1 Surface location

DEP USE ONLY	Auth ID #:	G:
	Permit #:	C:
	Project #:	

Denotes location of well on topo map

SHL True Latitude:

40 . 32884

SHL True Longitude:

80 . 21852

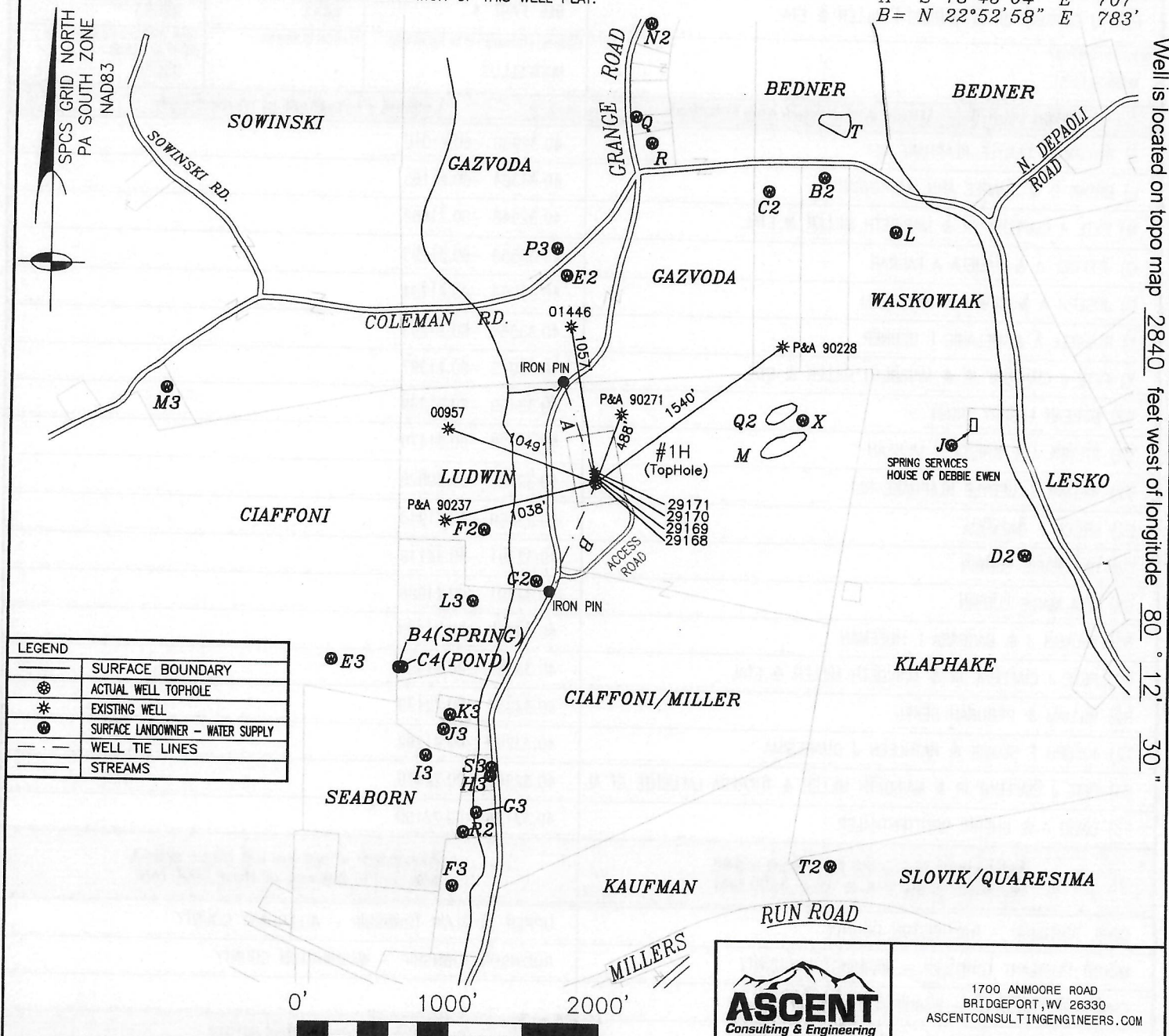
Well is located on topo map 1638 feet south of latitude 40° 20' 00"

NOTE:

THIS PLAT IS FOR WELL LOCATION PURPOSES ONLY AND DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY. CORNERS AND LINES PERTINENT TO LOCATING THE PROPOSED WELL ARE FROM FIELD SURVEY. OTHER LINES AND FEATURES SHOWN ARE FROM TAX MAPS AND/OR DEEDS. THE INFORMATION PRESENTED SHOULD NOT BE UTILIZED FOR ANY OTHER PURPOSES. THIS PROPERTY IS SUBJECT TO ANY EASEMENTS, RIGHT-OF-WAY AND/OR ENCUMBRANCES BOTH APPARENT AND OF RECORD. NO TITLE SEARCH HAS BEEN MADE IN PREPARATION OF THIS WELL PLAT.



A = S 18°45'04" E 707'
B = N 22°52'58" E 783'

Well is located on topo map 2840 feet west of longitude 80° 12' 30"

LEGEND	
	SURFACE BOUNDARY
	ACTUAL WELL TOPHOLE
	EXISTING WELL
	SURFACE LANDOWNER - WATER SUPPLY
	WELL TIE LINES
	STREAMS



1700 ANMOORE ROAD
BRIDGEPORT, WV 26330
ASCENTCONSULTINGENGINEERS.COM

Applicant / Well Operator Name: RANGE RESOURCES - APPALACHIA, LLC		DEP ID #: 141142	Well (Farm) Name: CONNER SAMUEL 17458		Well #: 1H	Serial #:
Address: 3000 TOWN CENTER BLVD., CANONSBURG, PA 15317			County: WASHINGTON	Municipality: CECIL TWP	Well Type: GAS	
911 Address of Well Site: 130 GRANGE RD., MCDONALD, PA 15057			USGS 7 1/2' Quadrangle Map Name: CANONSBURG	Map Section: 4	Surface Elevation: 1176	
Surveyor or Engineer: JEFFREY A. PAROBK ASCENT CONSULTING & ENGINEERING	Phone #: (304) 933-3463	Dwg. #: RRC-0058-1H	Date: 05/14/2025	Scale: 1" = 1000'	Tract Acreage: 286.5261	
Lat. & Long Metadata Method: Direct GPS	Accuracy: SUB-METER	ft. Datum: NAD 83	Elevation Metadata Method: Direct GPS	Accuracy: 2'	ft. Datum: NAVD 88	Survey Date: 9/6/2024

WELL LOCATION PLAT

PAGE 2 Notifications

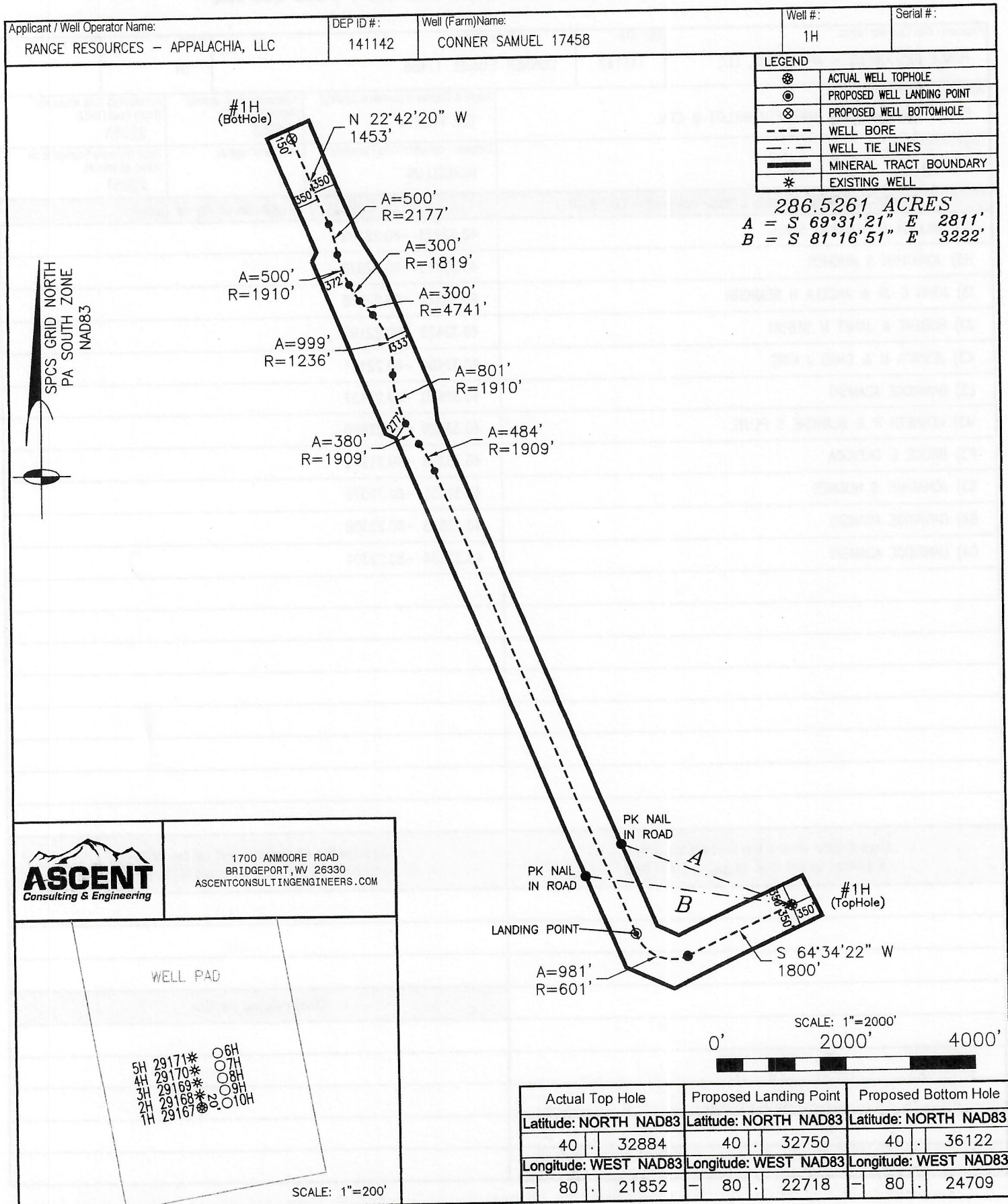
DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil & gas resources is **1-866-255-5158**.

Applicant / Well Operator Name: RANGE RESOURCES – APPALACHIA, LLC		DEP ID #: 141142	Well (Farm) Name: CONNER SAMUEL 17458	Well #: 1H	Serial #:
Surface Landowner / Lessor: PETE J CIAFFONI JR & MARIBETH MILLER & ETAL			Angle & Course of Deviation (Drilling): SEE PAGE 4	Anticipated True Vertical Depth Feet (TVD): 6683	Anticipated Total Measured Depth Feet (TMD): 22053
Target Formation (s): MARCELLUS			Deepest Formation to be Penetrated: MARCELLUS	Number of laterals: 1	Total Wellbore Footage to be drilled all laterals: 22053
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'			Latitude / Longitude of Water Supply		
J) WILLIAM & CECYLE KLAPHAKE RLT			40.32980 –80.21010		
L) BRYAN D & SHAREE ANN WASKOWIAK			40.33364 –80.21165		
M) PETE J CIAFFONI JR & MARIBETH MILLER & ETAL			40.32948 –80.21464		
Q) JEFFREY A & PAMELA A FARRAR			40.33555 –80.21795		
R) JOSEPH A & DEBRA A MACERELLI			40.33508 –80.21754		
T) RUSSELL A & MELANIE L BEDNER			40.33536 –80.21293		
X) PETE J CIAFFONI JR & MARIBETH MILLER & ETAL			40.33015 –80.21367		
B2) MCKEAN LEGACY TRUST			40.33459 –80.21339		
C2) STEVEN J & KRISTA M MCKEAN			40.33429 –80.21470		
D2) WILLIAM & CECYLE KLAPHAKE RLT			40.32786 –80.20828		
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F2) TINA MARIE LUDWIN			40.32791 –80.22116		
G2) TINA MARIE LUDWIN			40.32701 –80.21986		
N2) THOMAS J & BARBARA L HOFFMAN			40.33725 –80.21769		
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R2) WILLIAM & DEBORAH SEKEL			40.32237 –80.22139		
T2) JOSEPH F SLOVIK & KATHLEEN J QUARESIMA			40.32203 –80.21262		
E3) PETE J CIAFFONI JR & MARIBETH MILLER & THERESA LAFUENTE ET AL			40.32544 –80.22470		
F3) DAVID A & SHERRI GROTTENTHALER			40.32138 –80.22160		
Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet			Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		
CECIL TOWNSHIP – WASHINGTON COUNTY			UPPER ST CLAIR TOWNSHIP – ALLEGHENY COUNTY		
MOUNT PLEASANT TOWNSHIP – WASHINGTON COUNTY			ROBINSON TOWNSHIP – WASHINGTON COUNTY		
CHARTIERS TOWNSHIP – WASHINGTON COUNTY					
NORTH STRABANE TOWNSHIP – WASHINGTON COUNTY			Coal related parties		
PETERS TOWNSHIP – WASHINGTON COUNTY			NORTH STAR LAND COMPANY (OWNER) PITTSBURGH SEAM – WORKABLE		
CANONSBURG BOROUGH – WASHINGTON COUNTY			MICHAEL A CIAFFONI, PETE J CIAFFONI JR, THERESA LAFUENTE, ELAINE F MCVICKER,		
MCDONALD BOROUGH – WASHINGTON COUNTY			JOHN K CIAFFONI & MARIBETH MILLER (OWNER) – ALL REMAINING SEAMS – NON WORKABLE		
MCDONALD BOROUGH – ALLEGHENY COUNTY					
SOUTH FAYETTE TOWNSHIP – ALLEGHENY COUNTY					

WELL LOCATION PLAT

PAGE 3 Plan View Of Deviated Well Bore

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WELL LOCATION PLAT

Page 4 Cross Section

Applicant/Well Operator Name
Range Resources - Appalachia, LLCDEP ID#
141142Well (Farm) Name
CONNER SAMUEL 17458Well #
1HRANGE
RESOURCES

WELL PLAN

Operator Name: Range Resources - Appalachia, LLC

Well/Farm Name: CONNER SAMUEL 17458

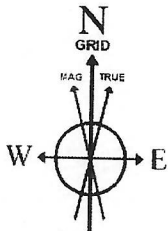
DEP
Use
Only

Permit #

KOP: TVD: 5157.09 TMD: 5157.09 40.32884 -80.21852

Landing Point: TVD: 6683.00 TMD: 8487.45 40.32750 -80.22718

Notes:

Scale 1 inch = 2500
Latitude Longitude
Easting (ft)

HDGM2025v1.0 (1900.0 to 2026.0) Dip: 67.02° Field: 51664.9 nT
Magnetic North is 9.64 degrees West of True North (at 5/14/2025)
Grid North is 1.60 degrees West of True North
To correct azimuth from True to Grid add 1.60 degrees
To correct azimuth from Magnetic to Grid subtract 8.04 degrees

Well Profile Data

Design Comment	MD (ft)	Inc (")	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	0.00	0.000	244.555	0.00	0.00	0.00	0.00	0.00
KOP 1	5157.09	0.000	244.555	5157.09	0.00	0.00	0.00	0.00
End of Build	5879.32	65.000	244.555	5734.07	-157.93	-331.92	9.00	-17.54
KOP 2	7459.86	65.000	244.555	6402.04	-773.37	-1625.43	0.00	-85.89
LP	8487.45	90.000	337.294	6683.00	-418.95	-2426.13	9.00	550.18
Hold	16336.71	90.000	337.294	6683.00	6821.99	-5455.93	0.00	8399.44
Turn	16820.38	90.000	322.784	6683.00	7239.91	-5696.83	3.00	8877.96
Turn	17483.66	90.000	342.683	6683.00	7826.53	-5999.18	3.00	9535.83
Turn	18001.51	90.000	358.218	6683.00	8335.64	-6084.82	3.00	10038.53
Hold	18191.49	90.000	358.218	6683.00	8525.53	-6090.73	0.00	10215.98
Turn	19113.68	90.000	312.106	6683.00	9340.01	-6467.73	5.00	11112.87
Turn	19367.55	90.000	324.800	6683.00	9529.62	-6635.77	5.00	11352.65
Turn	20195.80	90.000	349.652	6683.00	10287.33	-6953.87	3.00	12174.42
Turn	20607.64	90.000	337.294	6683.00	10681.39	-7070.80	3.00	12583.07
PBHL	22052.64	90.000	337.294	6683.00	12014.40	-7628.57	0.00	14028.08

Tie On: 0.00° Inc, 0.00ft MD, -0.00ft TVD, 0.00ft VS

KOP 1: 0.00° Inc, 5157.09ft MD, 5157.09ft TVD, 0.00ft VS
9.00°/100ft

End of Build: 65.00° Inc, 5879.32ft MD, 5734.07ft TVD, -17.54ft VS

KOP 2: 65.00° Inc, 7459.86ft MD, 6402.04ft TVD, -85.89ft VS
9.00°/100ft

LP: 90.00° Inc, 8487.45ft MD, 6683.00ft TVD, 550.18ft VS

Hold: 90.00° Inc, 16336.71ft MD, 6683.00ft TVD, 8399.44ft VS

Turn: 90.00° Inc, 16820.38ft MD, 6683.00ft TVD, 8877.96ft VS

Turn: 90.00° Inc, 17483.66ft MD, 6683.00ft TVD, 9535.83ft VS

Turn: 90.00° Inc, 18001.51ft MD, 6683.00ft TVD, 10038.53ft VS

Hold: 90.00° Inc, 18191.49ft MD, 6683.00ft TVD, 10215.98ft VS

Turn: 90.00° Inc, 19113.68ft MD, 6683.00ft TVD, 11112.87ft VS

Turn: 90.00° Inc, 19367.55ft MD, 6683.00ft TVD, 11352.65ft VS

Turn: 90.00° Inc, 20195.80ft MD, 6683.00ft TVD, 12174.42ft VS

Turn: 90.00° Inc, 20607.64ft MD, 6683.00ft TVD, 12583.07ft VS

PBHL: 90.00° Inc, 22052.64ft MD, 6683.00ft TVD, 14028.08ft VS

Baker
Hughes

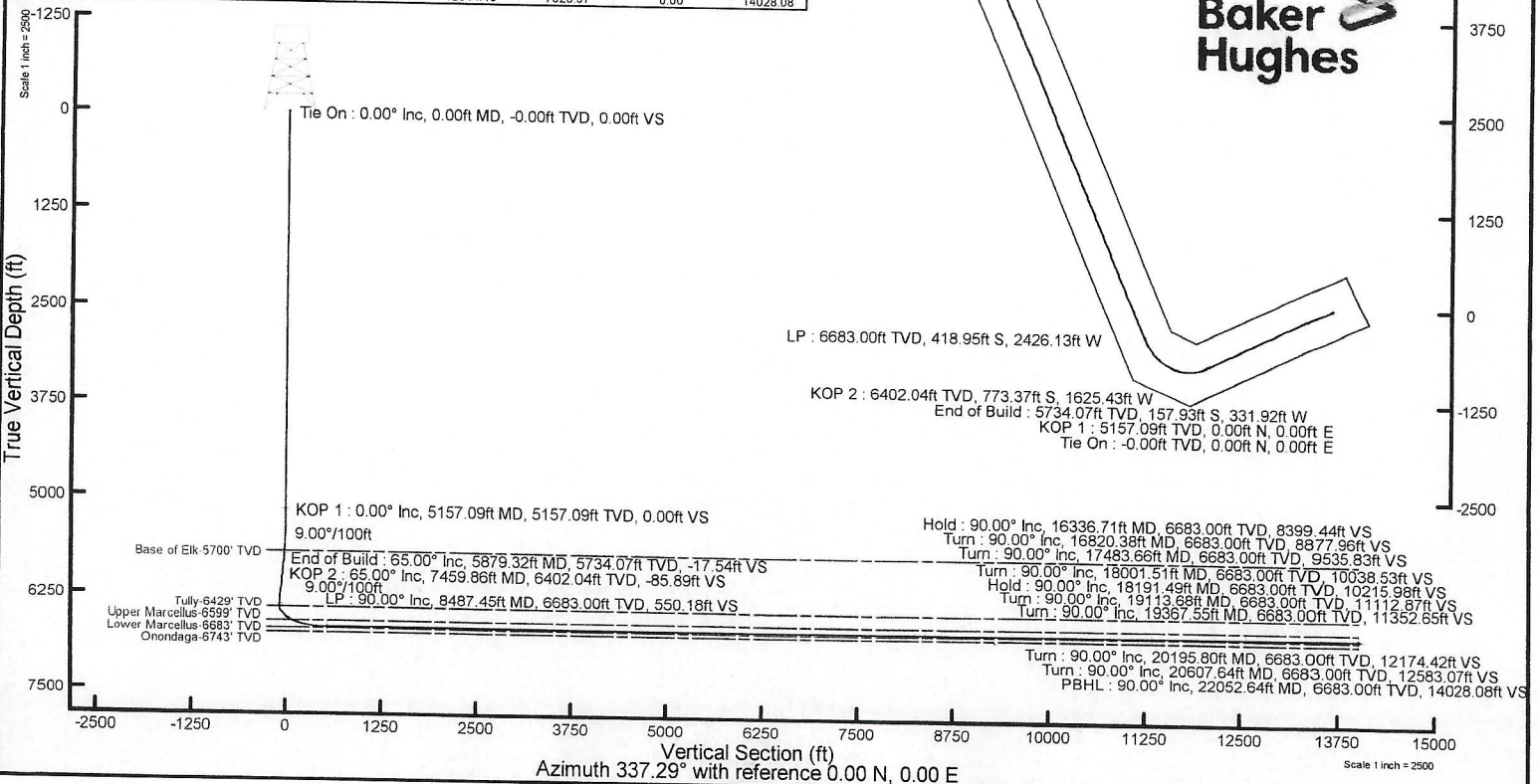
LP: 6683.00ft TVD, 418.95ft S, 2426.13ft W

KOP 2: 6402.04ft TVD, 773.37ft S, 1625.43ft W

End of Build: 5734.07ft TVD, 157.93ft S, 331.92ft W

KOP 1: 5157.09ft TVD, 0.00ft N, 0.00ft E

Tie On: -0.00ft TVD, 0.00ft N, 0.00ft E

Vertical Section (ft)
Azimuth 337.29° with reference 0.00 N, 0.00 E

Scale 1 inch = 2500

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT
WELL LOCATION PLAT

DEP USE ONLY	Auth ID #:	G:
	Permit #:	C:
	Project #:	

PAGE 1 Surface location

☐ Denotes location of well on topo map

SHL True Latitude:

40 32889

SHL True Longitude:

80 21854

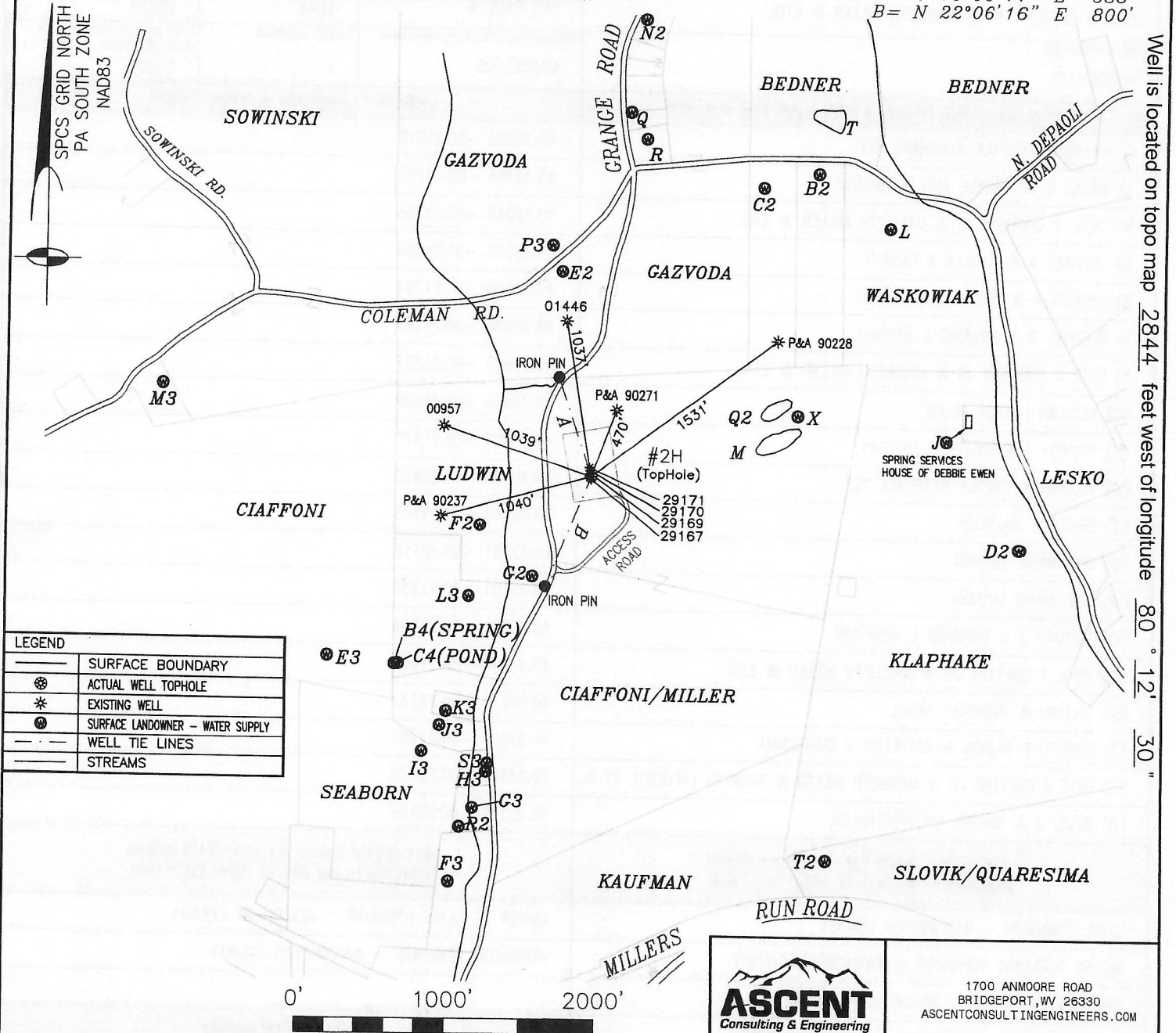
Well is located on topo map 1618 feet south of latitude 40° 20' 00"

NOTE:

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TOPO
☐

A = S 19°00'11" E 688'
B = N 22°06'16" E 800'



LEGEND

	SURFACE BOUNDARY
	ACTUAL WELL TOPHOLE
	EXISTING WELL
	SURFACE LANDOWNER - WATER SUPPLY
	WELL TIE LINES
	STREAMS

Applicant / Well Operator Name: RANGE RESOURCES - APPALACHIA, LLC		DEP ID #: 141142	Well (Farm) Name: CONNER SAMUEL 17458		Well #: 2H	Serial #:
Address: 3000 TOWN CENTER BLVD., CANONSBURG, PA 15317		County: WASHINGTON	Municipality: CECIL TWP	Well Type: GAS		
911 Address of Well Site: 130 GRANGE RD., MCDONALD, PA 15057		USGS 7 1/2' Quadrangle Map Name: CANONSBURG	Map Section: 4	Surface Elevation: 1176		
Surveyor or Engineer: JEFFREY A. PAROBEK ASCENT CONSULTING & ENGINEERING	Phone #: (304) 933-3463	Dwg. #: RRC-0058-2H	Date: 05/14/2025	Scale: 1" = 1000'	Tract Acreage: 274.9070	
Lat. & Long Metadata Method: Direct GPS	Accuracy: SUB-METER	ft. Datum: NAD 83	Elevation Metadata Method: Direct GPS	Accuracy: 2'	ft. Datum: NAVD 88	Survey Date: 9/6/2024



1700 ANMOORE ROAD
BRIDGEPORT, WV 26330
ASCENTCONSULTINGENGINEERS.COM

WELL LOCATION PLAT

PAGE 2 Notifications

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil & gas resources is **1-866-255-5158**.

Applicant / Well Operator Name: RANGE RESOURCES – APPALACHIA, LLC		DEP ID #: 141142	Well (Farm) Name: CONNER SAMUEL 17458	Well #: 2H	Serial #:
Surface Landowner / Lessor: PETE J CIAFFONI JR & MARIBETH MILLER & ETAL			Angle & Course of Deviation (Drilling): SEE PAGE 4	Anticipated True Vertical Depth Feet (TVD): 6683	Anticipated Total Measured Depth Feet (TMD): 22029
Target Formation (s): MARCELLUS			Deepest Formation to be Penetrated: MARCELLUS	Number of laterals: 1	Total Wellbore Footage to be drilled all laterals: 22029
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'			Latitude / Longitude of Water Supply		
J) WILLIAM & CECYLE KLAPHAKE RLT			40.32980 -80.21010		
L) BRYAN D & SHAREE ANN WASKOWIAK			40.33364 -80.21165		
M) PETE J CIAFFONI JR & MARIBETH MILLER & ETAL			40.32948 -80.21464		
Q) JEFFREY A & PAMELA A FARRAR			40.33555 -80.21795		
R) JOSEPH A & DEBRA A MACERELLI			40.33508 -80.21754		
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B2) MCKEAN LEGACY TRUST			40.33459 -80.21339		
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D2) WILLIAM & CECYLE KLAPHAKE RLT			40.32786 -80.20828		
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Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet			Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		
CECIL TOWNSHIP – WASHINGTON COUNTY			UPPER ST CLAIR TOWNSHIP – ALLEGHENY COUNTY		
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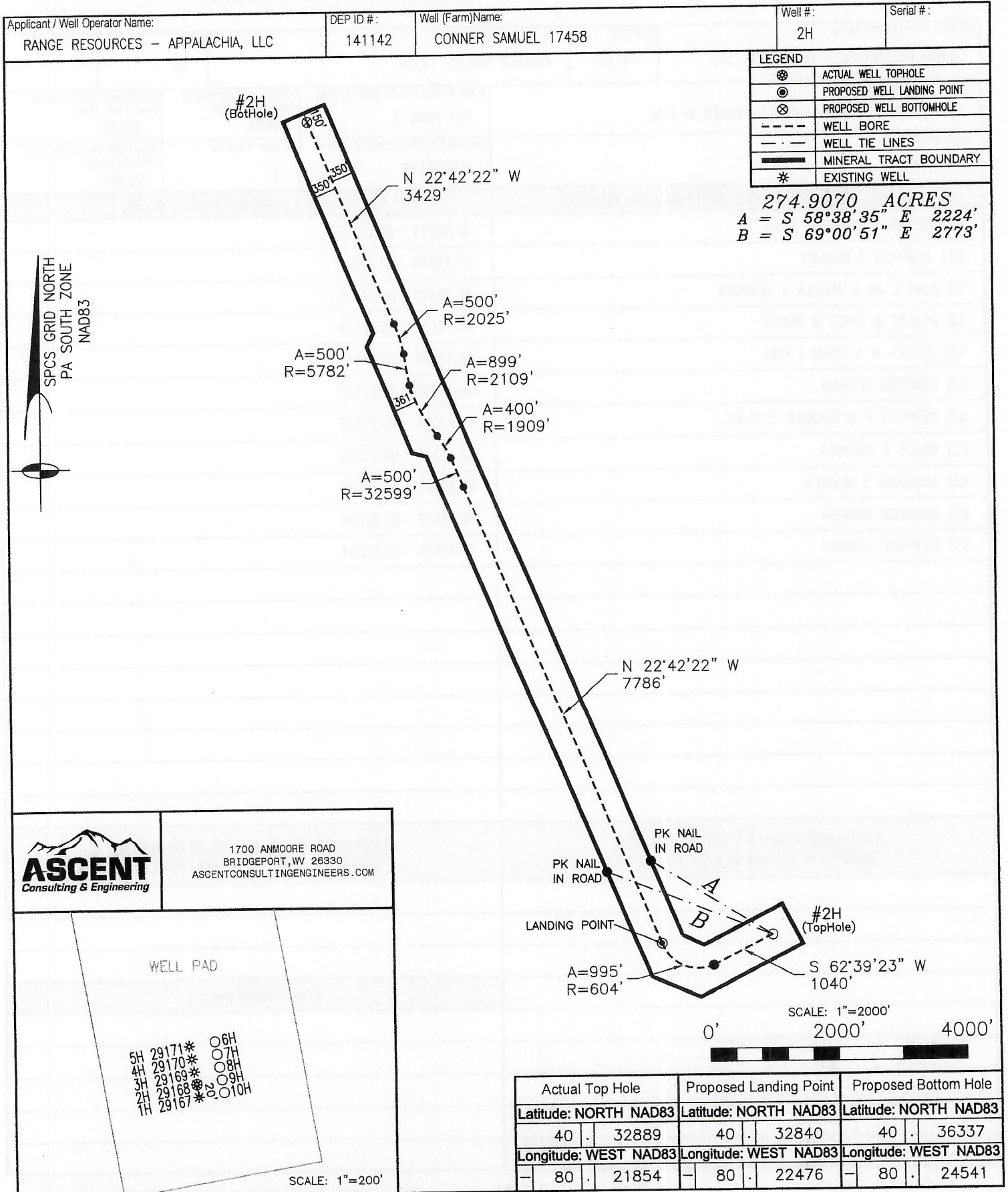
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-2A-

WELL LOCATION PLAT

PAGE 3 Plan View Of Deviated Well Bore

If well has a lateral other than vertical show the bottom hole location on the plat drawing as $\otimes$ and include the Coordinates in the provided section at the bottom of the drawing area. The top hole and bottom hole locations are to be connected by a bolded line this is to depict the proposed courses of the actual wellbore to be drilled.



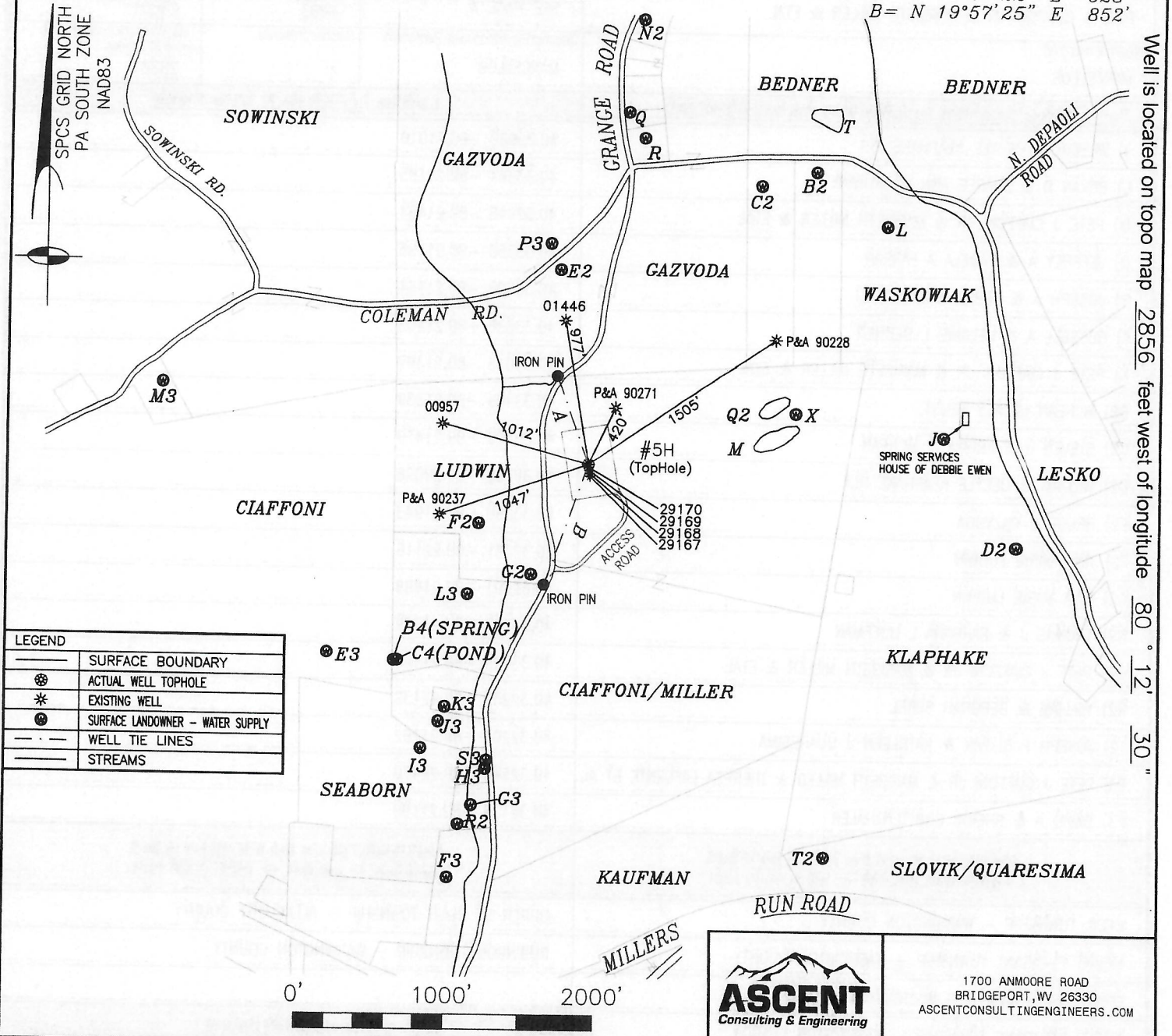
PAGE 1 Surface location

DEP USE ONLY	Auth ID # :	G: C:
	Permit # :	
	Project # :	

	Denotes location of well on topo map		
SHL True Latitude:			
40	.	32905	
SHL True Longitude:			
-	80	.	21858

NOTE:

TOPO

$$\begin{aligned} A &= S \ 19^{\circ}51'22'' \ E \ 628' \\ B &= N \ 19^{\circ}57'25'' \ E \ 852' \end{aligned}$$


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WELL LOCATION PLAT

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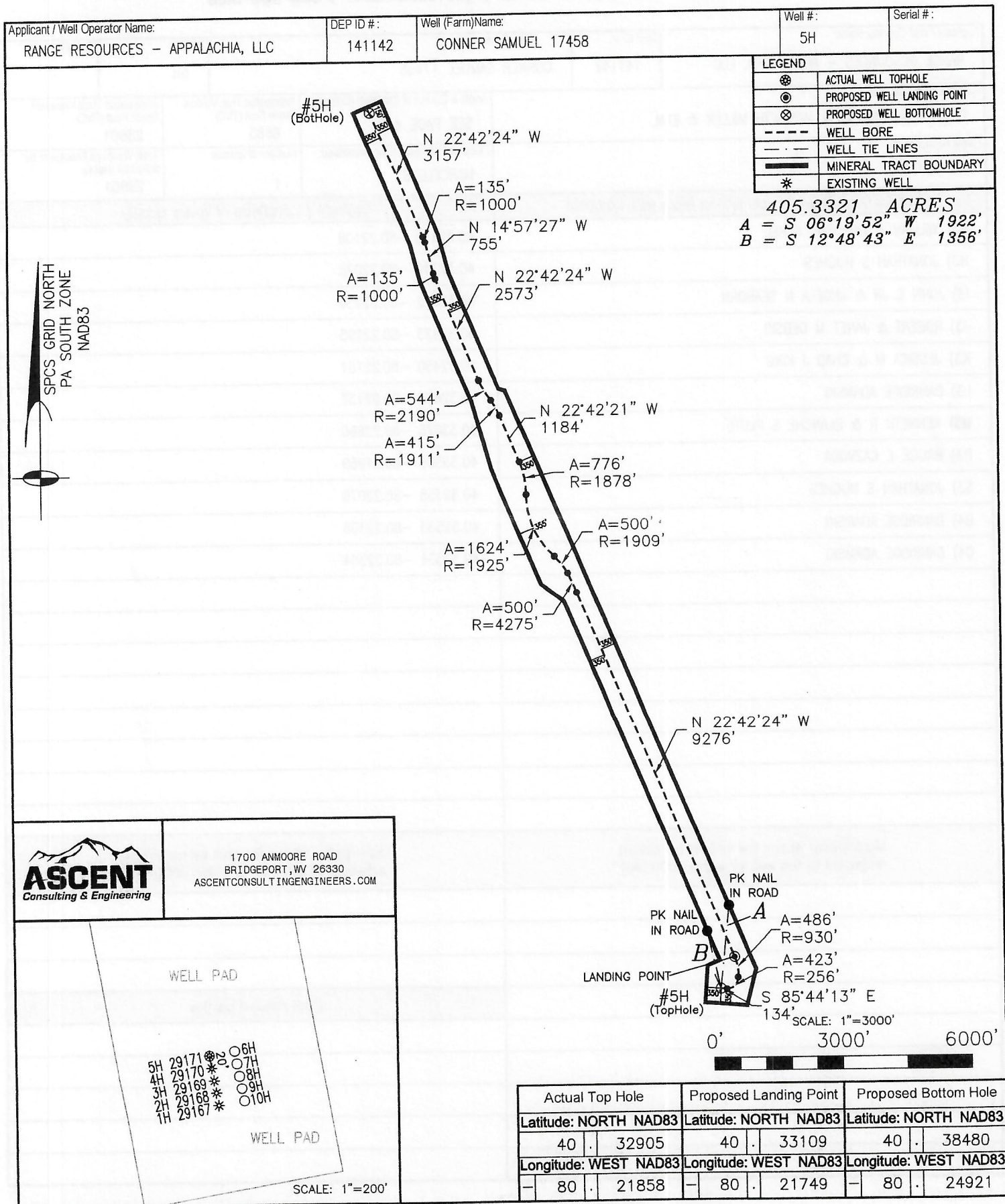
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Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet			Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		
CECIL TOWNSHIP – WASHINGTON COUNTY			UPPER ST CLAIR TOWNSHIP – ALLEGHENY COUNTY		
MOUNT PLEASANT TOWNSHIP – WASHINGTON COUNTY			ROBINSON TOWNSHIP – WASHINGTON COUNTY		
CHARTIERS TOWNSHIP – WASHINGTON COUNTY					
NORTH STRABANE TOWNSHIP – WASHINGTON COUNTY			Coal related parties		
PETERS TOWNSHIP – WASHINGTON COUNTY			NORTH STAR LAND COMPANY (OWNER) PITTSBURGH SEAM – WORKABLE		
CANONSBURG BOROUGH – WASHINGTON COUNTY			MICHAEL A CIAFFONI, PETE J CIAFFONI JR, THERESA LAFUENTE, ELAINE F MCVICKER,		
MCDONALD BOROUGH – WASHINGTON COUNTY			JOHN K CIAFFONI & MARIBETH MILLER (OWNER) – ALL REMAINING SEAMS – NON WORKABLE		
MCDONALD BOROUGH – ALLEGHENY COUNTY					
SOUTH FAYETTE TOWNSHIP – ALLEGHENY COUNTY					

WELL LOCATION PLAT

PAGE 3 Plan View Of Deviated Well Bore

If well has a lateral other than vertical show the bottom hole location on the plat drawing as $\otimes$ and include the Coordinates in the provided section at the bottom of the drawing area. The top hole and bottom hole locations are to be connected by a bolded line this is to depict the proposed courses of the actual wellbore to be drilled.



WELL LOCATION PLAT

Page 4 Cross Section

Applicant/Well Operator Name
Range Resources - Appalachia, LLC

DEP ID#
141142

Well (Farm) Name
CONNER SAMUEL 17458

Well #
5H



WELL PLAN

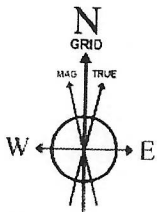
Operator Name: Range Resources - Appalachia, LLC

Well/Farm Name: CONNER SAMUEL 17458

DEP Use Only	Permit #
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KOP: TVD: 5622.91 TMD: 5622.91 40.32905 -80.21858
 Landing Point: TVD: 6683.00 TMD: 7223.78 40.33109 -80.21749
 Easting (ft)

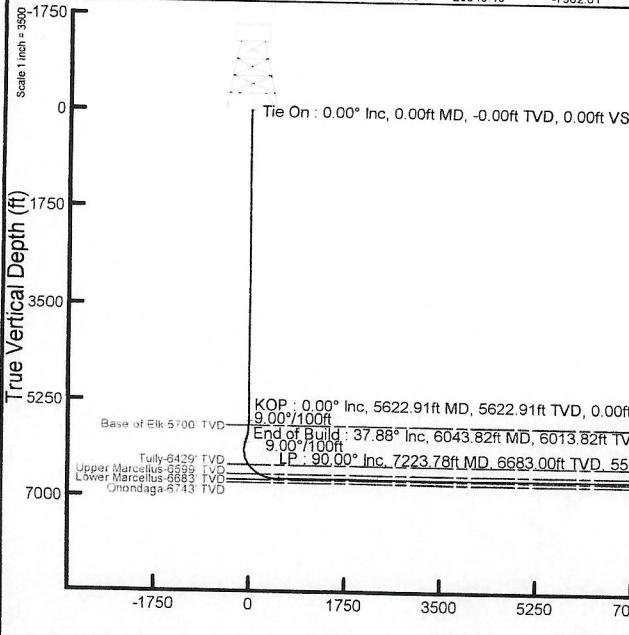
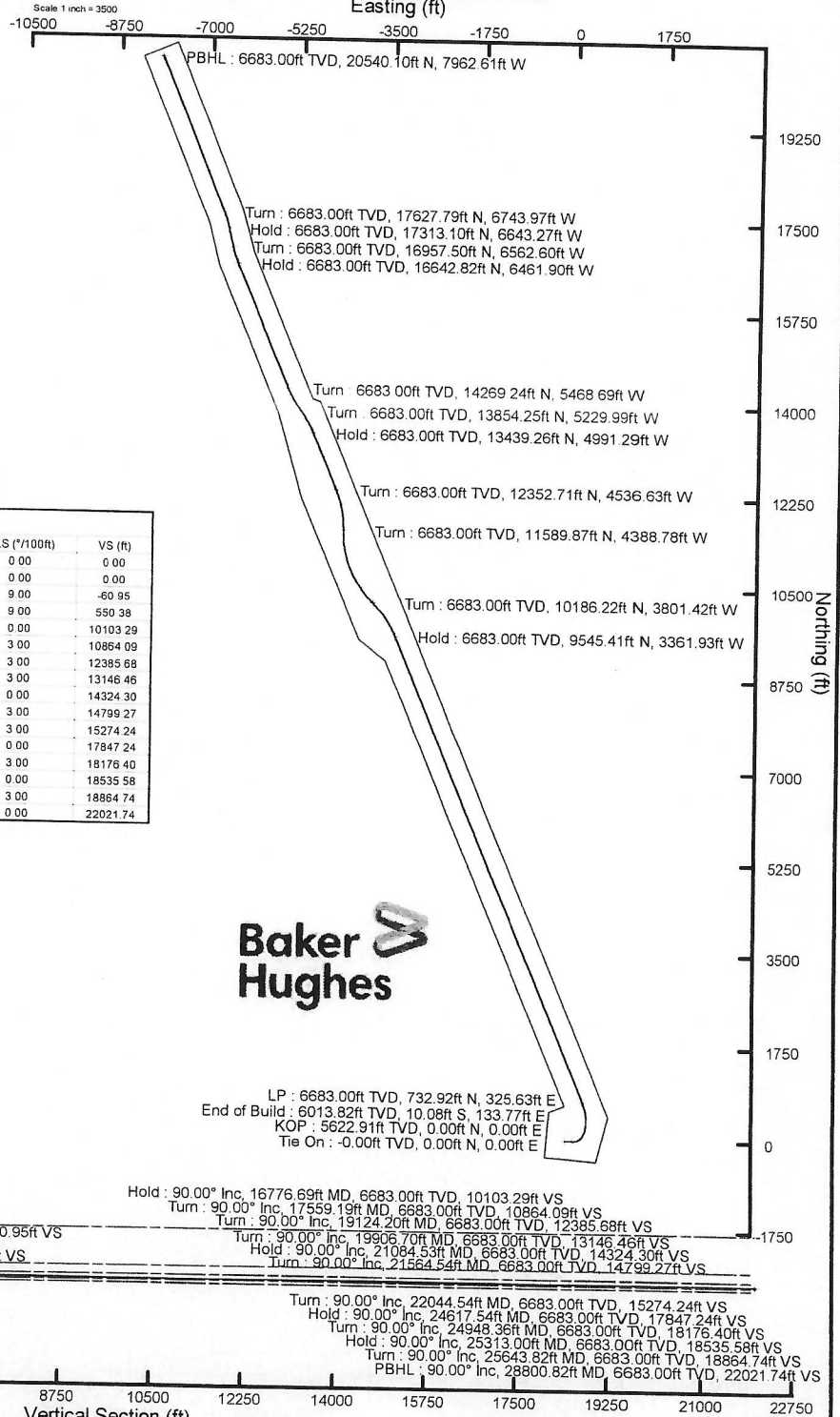
Notes:



HDGM2025v1.0 (1900.0 to 2026.0) Dip: 67.02° Field: 51664.9 nT
 Magnetic North is 9.64 degrees West of True North (at 5/14/2025)
 Grid North is 1.60 degrees West of True North
 To correct azimuth from True to Grid add 1.60 degrees
 To correct azimuth from Magnetic to Grid subtract 8.04 degrees

Well Profile Data

Design Comment	MD (ft)	Inc (")	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	0.00	0.000	94.310	0.00	0.00	0.00	0.00	0.00
KOP	5622.91	0.000	94.310	5622.91	0.00	0.00	0.00	0.00
End of Build	6043.82	37.882	94.310	6013.82	-10.08	133.77	9.00	-60.95
LP	7223.78	90.000	337.293	6683.00	732.92	325.63	9.00	550.38
Hold	16776.69	90.000	337.293	6683.00	9545.41	-3361.93	0.00	10103.29
Turn	17559.19	90.000	313.818	6683.00	10186.22	-3801.42	3.00	10864.09
Turn	19124.20	90.000	0.768	6683.00	11589.87	-4388.78	3.00	12385.68
Turn	19906.70	90.000	337.293	6683.00	12352.71	-4536.63	3.00	13146.46
Hold	21084.53	90.000	337.293	6683.00	13439.26	-4991.29	0.00	14324.30
Turn	21564.54	90.000	322.893	6683.00	13854.25	-5229.99	3.00	14799.27
Turn	22044.54	90.000	337.293	6683.00	14269.24	-5468.69	3.00	15274.24
Hold	24617.54	90.000	337.293	6683.00	16642.82	-6461.90	0.00	17847.24
Turn	24948.36	90.000	347.218	6683.00	16957.50	-8562.80	3.00	18176.40
Hold	25313.00	90.000	347.218	6683.00	17313.10	-6643.27	0.00	18535.58
Turn	25643.82	90.000	337.293	6683.00	17627.79	-6743.97	3.00	18864.74
PBHL	28800.82	90.000	337.293	6683.00	20540.10	-7962.61	0.00	22021.74



Baker Hughes



NOTIFICATION OF SURFACE LANDOWNER/WATER PURVEYOR OF WELL DRILLING OPERATION OR ALTERATION WATER SUPPLY PROTECTION

Section 3218 of 58 Pa.C.S. §§ 3201-3274 (relating to Development) ("2012 Oil and Gas Act") provides certain protections to public or private water supplies. This notice is to provide you with a summary of your rights under Section 3218.

1. The Act states that an oil or gas well operator who pollutes or diminishes a public or private water supply shall restore or replace the water supply with an alternate source of water adequate in quantity or quality for the purposes served by the supply.

DEP has a statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources. Call **1-866-255-5158**.

2. Any landowner or water purveyor whose water supply is polluted or diminished as a result of the drilling, alteration or operation of an oil or gas well may submit notice and request that the Department of Environmental Protection conduct an investigation. Within 45 days of the request, the Department will make a determination. If the Department finds that pollution or diminution was caused by the drilling, alteration or operation activities or if it presumes the well operator responsible for pollution, then it will issue such orders as are necessary to assure restoration or replacement of the water supply.

The following information is to be provided when filing notice and requesting an investigation:

- a) The name, address, and telephone number of the surface landowner or water purveyor requesting the investigation;
 - b) The type, location and use of the water supply;
 - c) Any available background quality and quantity data regarding the water supply;
 - d) Well depth, pump setting and water level, if known; and
 - e) Description of the pollution or diminution.
3. The Act establishes a legal presumption that a well operator is responsible for the pollution of a water supply if:
 - a – Conventional well
 - i. the water supply is within 1,000 feet of an oil or gas well; and
 - ii. the pollution occurred within six months after completion of drilling or alteration of the oil or gas well;
 - b. – Unconventional well:
 - i. the water supply is within 2,500 feet of the unconventional vertical well bore; and
 - ii. the pollution occurred within 12 months of the later of completion, drilling, stimulation or alteration of the unconventional well.

If the affected water supply is within the rebuttable presumption area and the rebuttable presumption applies, the operator shall provide a temporary water supply if the water user is without a readily available alternative source of water. The temporary water supply provided under this subsection shall be adequate in quantity and quality for the purposes served by the supply.

4. The well operator may rebut or disprove this presumption by proving one of the following five defenses:
 - a – Conventional well
 - i. The pollution existed prior to the drilling or alteration activity as determined by a pre-drilling or pre-alteration survey.
 - ii. The landowner or water purveyor refused to allow the operator access to conduct a pre-drilling or pre-alteration survey.
 - iii. The water supply is not within 1,000 feet of the well.
 - iv. The pollution occurred more than 6 months after completion of drilling or alteration activities.
 - v. The pollution occurred as a result of some cause other than the drilling or alteration activity.
 - b. – Unconventional well:
 - i. the pollution existed prior to the drilling, stimulation or alteration activity as determined by a predrilling or prealteration survey;
 - ii. the landowner or water purveyor refused to allow the operator access to conduct a predrilling or prealteration survey;
 - iii. the water supply is not within 2,500 feet of the unconventional vertical well bore;
 - iv. the pollution occurred more than 12 months after completion of drilling or alteration activities; or
 - v. the pollution occurred as the result of a cause other than the drilling or alteration activity.

NOTICE: To landowner or water purveyor.

The presumption may be void if the landowner or water purveyor refused to allow the operator of an unconventional well access by the operator (or their agent) to conduct a predrilling or prealteration survey.

Well operators electing to preserve their defenses under 4 a or b, (i) or (ii) above must retain the services of an independent certified laboratory to conduct the pre-drilling or pre-alteration survey of water supplies. The results of the survey must be provided within 10 business days of receipt of the results by providing a copy to the Department and the landowner or water purveyor. Test results not received by the Department within 10 business days may not be used to preserve the operators defense under 3218(d). If the applicant for a well permit does not conduct a pre-drilling or pre-alteration survey, you may wish to have such a survey done in order to support any future claims you may have that your water supply has been diminished or polluted.

OBJECTION TO WELL PERMIT APPLICATION

When a well is located on a tract whose surface is owned by a person other than the well operator, the surface landowner has the right to file objections with the Department pursuant to Section 3212 on the following basis:

- a) The information on the application is untrue in any material respect,
- b) The well is within 200 feet or, in the case of an unconventional gas well, 500 feet measured horizontally from the vertical well bore from any existing building or existing water well existing when the copy of the plat is mailed and the owner thereof has not given his written consent and the operator has not been granted a variance. Unconventional gas wells may not be drilled within 1,000 feet measured horizontally from the vertical well bore to any existing water well, surface water intake, reservoir or other water supply extraction point used by a water purveyor without the written consent of the water purveyor and the owner thereof has not given his written consent and the operator has not been granted a variance.
- c) The well site is within 100 feet or, in the case of an unconventional well, 300 feet from the vertical well bore or 100 feet from the edge of the well site, whichever is greater, measured horizontally from any solid blue lined stream, spring or body of water as identified on the most current 7½ minute topographic quadrangle map and the operator does not have a waiver. The edge of the disturbed area associated with any unconventional well site must maintain a 100-foot setback. No unconventional well may be drilled within 300 feet of any wetlands greater than one acre in size, and the edge of the disturbed area of any well site must maintain a 100-foot setback from the boundary of the wetlands, and the operator does not have a waiver, or
- d) No well site may be prepared or well drilled within any floodplain if the well site will have:
 - (i) a pit or impoundment containing drilling cuttings, flowback water, produced water or hazardous materials, chemicals or wastes within the floodplain; or
 - (ii) a tank containing hazardous materials, chemicals, condensate, wastes, flowback or produced water within the floodway. and the operator does not have a waiver. or
- e) The well location violates Section 3215 of the Act.

Any objections and request for a conference must be filed within 15 days of receipt of the plat by the surface landowner and contain the following information:

- a) The name, address and telephone number of the person submitting the objection;
- b) The name of the well operator, and the farm name and number of the proposed well; and
- c) A statement of the basis for the objection and a request for a conference if a conference is being requested.

*DEP Regional Offices
to contact:*

*Dept. of Environmental Protection
NW Regional Office – Oil & Gas Mgmt
230 Chestnut Street
Meadville, PA 16335-3481
Phone: 814-332-6860 Fax: 814-332-6121*

*Dept. of Environmental Protection
SW Regional Office – Oil & Gas Mgmt
400 Waterfront Drive
Pittsburgh, PA 15222-4745
Phone: 412-442-4024 Fax: 412-442-4328*