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west virginia department of environmental protection

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Office of Oil and Gas  
601 57th Street SE  
Charleston, WV 25304  
(304) 926-0450  
(304) 926-0452 fax

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
www.dep.wv.gov

## PERMIT MODIFICATION APPROVAL

November 06, 2015

ASCENT RESOURCES-MARCELLUS, LLC  
3501 NW 63RD STREET  
OKLAHOMA, OK 73116

Re: Permit Modification Approval for API Number 10303100, Well #: WILEY N GRN WZ  
3H

**Acquired additional leases/Extending lateral**

Oil and Gas Operator:

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

Please call James Martin at 304-926-0499, extension 1654 if you have any questions.

Sincerely,

for Gene Smith  
Assistant Chief of Permitting  
Office of Oil and Gas

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
WELL WORK PERMIT APPLICATION

1) Well Operator: Ascent Resources-Marcellus

<u>494514693</u>	<u>Wetzel</u>	<u>Green</u>	<u>Center Point</u>
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Operator ID County District Quadrangle

2) Operator's Well Number: Wiley N GRN WZ 3H Well Pad Name: Wiley GRN WZ

3) Farm Name/Surface Owner: Coastal Lumber Co. Public Road Access: CR 13. CR 13/3 and CR 13/8

4) Elevation, current ground: 1315' Elevation, proposed post-construction: 1286.29'

5) Well Type (a) Gas  Oil  Underground Storage \_\_\_\_\_  
Other \_\_\_\_\_  
(b) If Gas Shallow  Deep \_\_\_\_\_  
Horizontal

6) Existing Pad: Yes or No No

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Associated Pressure(s):  
Marcellus, Approximate TVD 7273', approximate thickness 50', +/- 4600 psi

8) Proposed Total Vertical Depth: 7273'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 13600'

11) Proposed Horizontal Leg Length: 6074'

12) Approximate Fresh Water Strata Depths: 535'

13) Method to Determine Fresh Water Depths: Based on drilling history in nearby wells

14) Approximate Saltwater Depths: 1315'

15) Approximate Coal Seam Depths: 1065'

16) Approximate Depth to Possible Void (coal mine, karst, other): None anticipated

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes \_\_\_\_\_ No

(a) If Yes, provide Mine Info: Name: \_\_\_\_\_  
Depth: \_\_\_\_\_  
Seam: \_\_\_\_\_  
Owner: \_\_\_\_\_

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SEP 03 2015

WW-6B  
(10/14)

API NO. 47- 103 03100 MOD

OPERATOR WELL NO. Wiley N GRN WZ 3H

Well Pad Name: Wiley GRN WZ

18)

**CASING AND TUBING PROGRAM**

<b>TYPE</b>	<b>Size (in)</b>	<b>New or Used</b>	<b>Grade</b>	<b>Weight per ft. (lb/ft)</b>	<b>FOOTAGE: For Drilling (ft)</b>	<b>INTERVALS: Left in Well (ft)</b>	<b>CEMENT: Fill-up (Cu. Ft.)/CTS</b>
Conductor	20"	New	J-55	94#	100'	100'	330, CTS
Fresh Water	13-3/8"	New	J-55	54.5#	1105'	1105'	320, CTS
Coal							
Intermediate	9-5/8"	New	J-55	40#	3400'	3400'	1650, CTS
Production	5-1/2"	New	P-110	20#	13600'	13600'	4375
Tubing	2-7/8"	New	N-80	4.7#			
Liners							

<b>TYPE</b>	<b>Size (in)</b>	<b>Wellbore Diameter (in)</b>	<b>Wall Thickness (in)</b>	<b>Burst Pressure (psi)</b>	<b>Max. Associated Surface Pressure (psi)</b>	<b>Cement Type</b>	<b>Cement Yield (cu. ft./k)</b>
Conductor	20"	24"	0.438	2110	50	Class A	1.2
Fresh Water	13-3/8"	17-1/2"	0.38	2740	600	Class A	1.2
Coal							
Intermediate	9-5/8"	12-1/4"	0.395	3520	1500	Premium H/50-50 Poz H	Tail 1.27, Lead 1.51
Production	5-1/2"	8-3/4"	0.361	12640	5000	Premium H/50-50 Poz H	Tail 1.27, Lead 1.51
Tubing	2-7/8"	4.778"	0.19	11100			
Liners							

**PACKERS**

Kind:				
Sizes:				
Depths Set:				

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Environmental Protection  
Page 2 of 3

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

The well will be spud using a conductor rig. It will drill down 100' per the casing program. It will set 20" casing and circulate cement back to surface. The conductor rig will move off location, a rig capable of drilling to TD will move on and finish drilling the well. We will drill on air with a tri-cone bit to 1105' and set freshwater casing. We will then continue drilling vertically and setting casing per the attached casing program to TD.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

We plan to hydraulically fracture/stimulate the well utilizing the "slickwater" frac technique. We will plug and perforate through cased hole and frac with an anticipated max pressure that will not exceed 10,000 psi.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 42.3

22) Area to be disturbed for well pad only, less access road (acres): 6.8

23) Describe centralizer placement for each casing string:

Conductor: N/A  
Surface: Centralizer every 3 joints or 120'  
Intermediate: Centralizer every 3 joints or 120'  
Production: Run 1 spiral centralizer every 120' from the first 5.5" long joint to the top of the curve  
Run 1 spiral centralizer every 200' from the top of the curve to surface

24) Describe all cement additives associated with each cement type:

Conductor: Class A Cement (see attachment for complete description)  
Surface: Class A Cement (see attachment for complete description)  
Intermediate: Premium H/50-50 Poz H Cement (see attachment for complete description)  
Productions: Premium H/50-50 Poz H Cement (see attachment for complete description)

25) Proposed borehole conditioning procedures:

The wellbore will be properly circulated at TD of each section until as much of the residual drill cuttings have been removed from the wellbore as possible, residual drilling gas has been circulated out and until the mud and wellbore are both constant and stable. Mud properties will be adjusted if needed. Hole cleaning times may vary from well to well, hole section to hole section.

\*Note: Attach additional sheets as needed.

**Cement Additives for WW-6B**

**Class A – Neat + 2% BWOC Calcium + Chloride + .25% BWOC Flo-Seal Additives are Polyflake LCM**

**Class H Premium + 0.75% FI 17 + 0.1% C41P + 0.15%C45 +3pps gilsonite + 0.2% C20 Additives are FL-17, C41-P, C-45, Gilsoite, and C-20**

**50/50 Poz H + 0.5 %FL 17 +5% Gyp + 0.1%C41P + 0.15% C51 + 0.1% C20 Additives are FL-17, Gypsum, C41-P, C-51, and C-20**

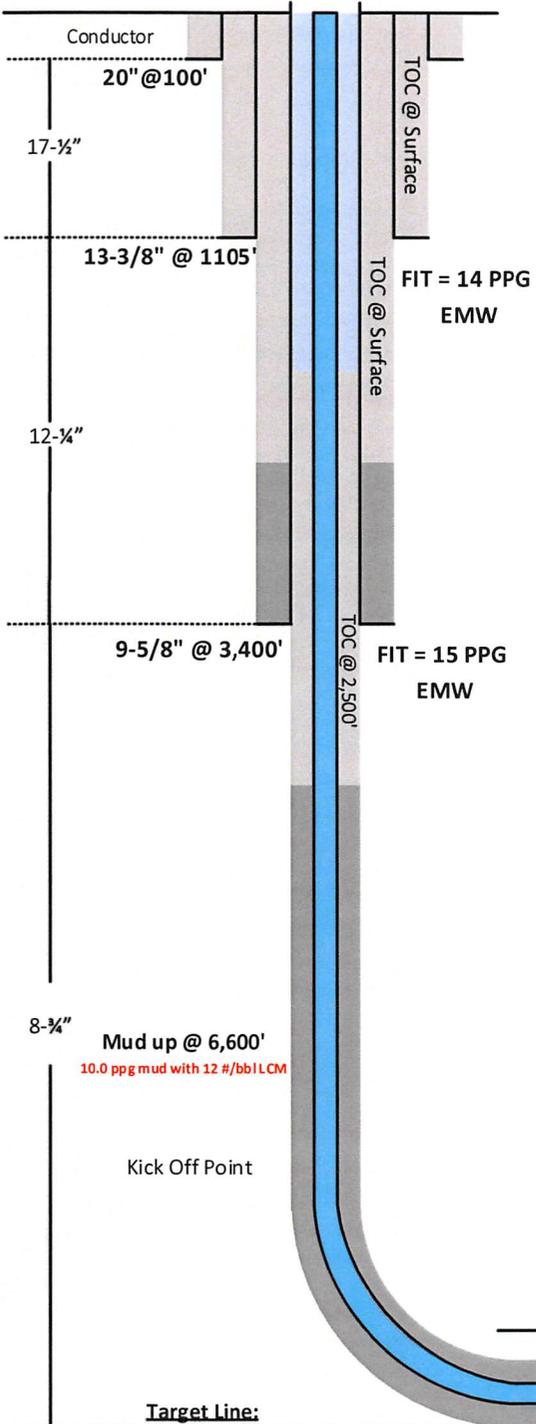
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WV Department of  
Environmental Protection

103-03100000

 <p><b>AMERICAN ENERGY APPALACHIA</b></p>	<h1>Wiley N GRN WZ 3H</h1>				
	County, State:	Township:	Location:	Formation:	
	Wetzel, West Virginia	Grant		Marcellus	
	Coordinates:	SHL Lat/Long: 39.509383 N, 80.692043 W		RKB / Elevation:	AFE DC/CWC:
NAD 27	BHL Lat/Long:		USDW:	Property #:	
Rig:	Target Line: 7,273' TVD @ 0° VS, 90.5 Inc, 330 Azi			535'	AFE #:



Interval	Hole size (in)	Size (in)	Weight #/ft	Grade	Conn.	Collapse (PSI)	Burst (PSI)	Depth (ft)	Cost \$/ft
Conductor	26"	20"	-	-	-	-	-	100	-
Surface	17-1/2"	13-3/8"	54.5	J-55	BTC	1,130	2,740	1,105	36
Intermediate	12-1/4"	9-5/8"	36	J-55	LTC	2,020	3,520	3,400	22
Production	8-3/4"	5-1/2"	20	P-110	ULT-DCX	11,110	12,640	13,600	22

Interval	Slurry	Weight	Ft <sup>3</sup>	Yield	Excess	Cement Top
Conductor	Tall	15.6 ppg	330	1.20 cuft/sk	50%	Surface
	Lead	15.6 ppg	320	1.20 cuft/sk	50%	Surface
Surface	Tall	13.5 ppg	250	1.51 cuft/sk	30%	Surface
	Lead	13.5 ppg	250	1.51 cuft/sk	30%	700
Intermediate	Tall	15.3 ppg	1150	1.27 cuft/sk	10%	2500
	Lead	15.3 ppg	1000	1.51 cuft/sk	10%	6300
Production	Tall	13.5 ppg	1250	1.27 cuft/sk		
	Lead	13.5 ppg	1250	1.27 cuft/sk		

Formation	TVD	Sub Sea
Freshwater	535'	780'
Pittsburgh Coal	1,065'	250'
Saltwater	1,315'	'
Big Injun	2,355'	-1,040'
Big Injun Base	2,555'	-1,240'
Berea	2,915'	-1,600'
Gordon	3,135'	-1,820'
Gordon Base	3,220'	-1,905'
Middlesex	6,948'	-5,633'
Genesee	7,091'	-5,776'
Tully	7,119'	-5,804'
Hamilton	7,143'	-5,828'
Marcellus	7,231'	-5,916'
Purcell	7,238'	-5,923'
Lower Marcellus	7,240'	-5,925'
Basal Marcellus	7,263'	-5,948'
Onondaga	7,281'	-5,966'
Oriskany		

8-3/4" Curve and Lateral

5-1/2" Casing @ 13,600'

Target Line:  
7,273' TVD @ 0° VS, 90.5° Inc, 330° Azi

AIR INTERVALS					SYNTHETIC COIL BASED MUD INTERVAL									
Interval	Depth (MD)	Rate (lcpm)	Water (bbl/hr)	Foamer (gal/hr)	Interval	Depth (MD)	Weight (#/gal)	Viscosity (sec/qt)	HTHP (ml/30min)	PV (cps)	SEP (in/100 ft)	RPM	WPS ppm	OWR % by vol
Surface	0' - 1105'	>5000	30-50	1/2 - 3/4	Vertical	6,600' - 6,728'	10.0 - 10.5	50 - 60	4 - 6	18 - 24	10 - 12	6-9	150K - 180K	75:25 - 70:30
Intermediate	1105' - 3,400'	>5000	30-50	1/2 - 3/4	Curve	6,728' - 7,628'	10.5 - 13.5	50 - 60	4 - 6	18 - 24	10 - 12	6-9		
Vert/Nudge	3,400' - 6,600'	>5000	40-60	3/4 - 1	Lateral	7,628' - 13,600'	13.5 - 13.7	50 - 60	4 - 6	18 - 24	10 - 12	6-9		

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Environmental Protection

WW-6A1  
(5/13)

Operator's Well No. Wiley N GRN WZ 3H

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE  
Chapter 22, Article 6A, Section 5(a)(5)  
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
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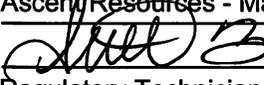
Please see attached.

**Acknowledgement of Possible Permitting/Approval  
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

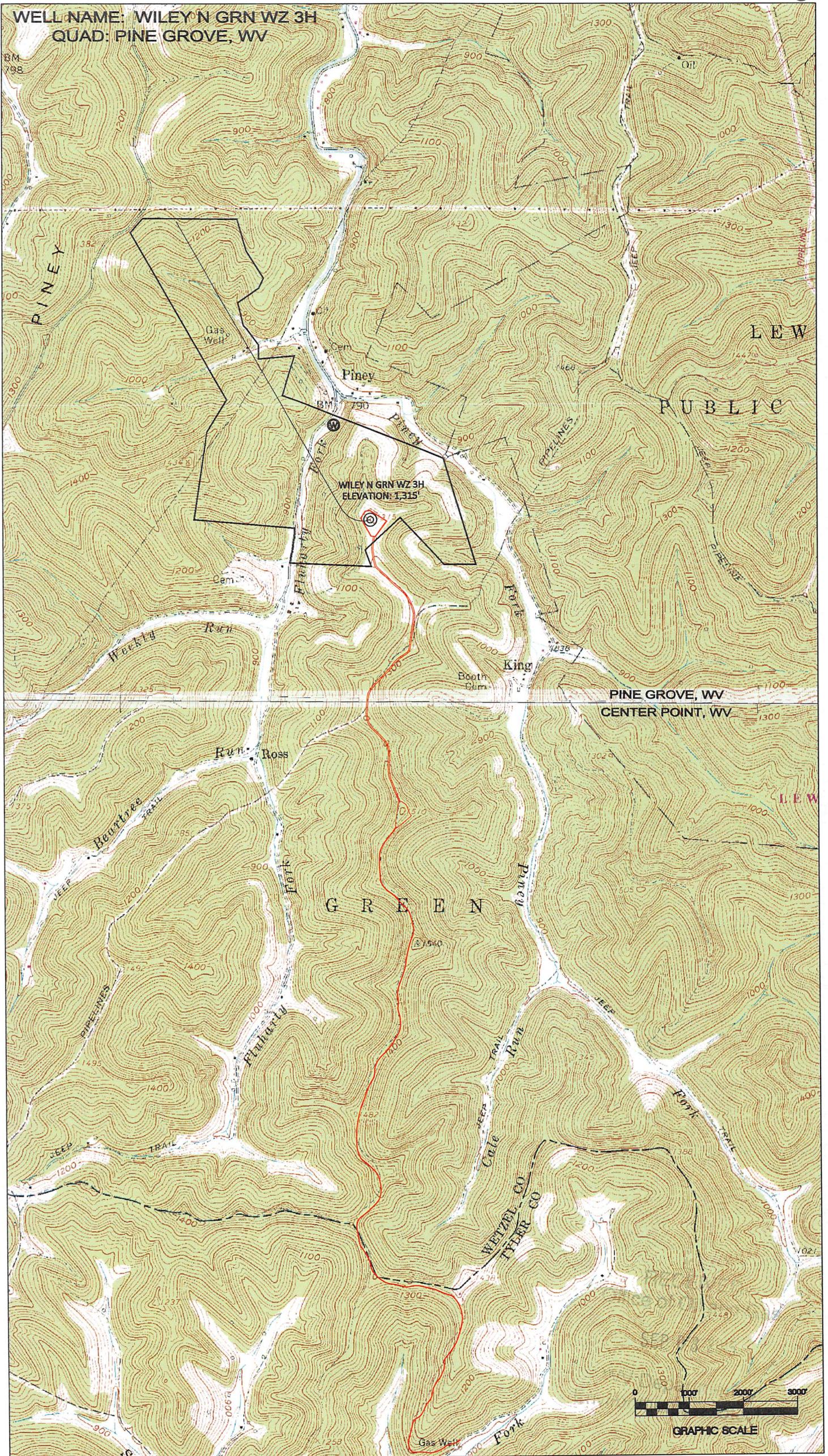
Well Operator: Ascend Resources - Marcellus, LLC  
 By:   
 Its: Regulatory Technician

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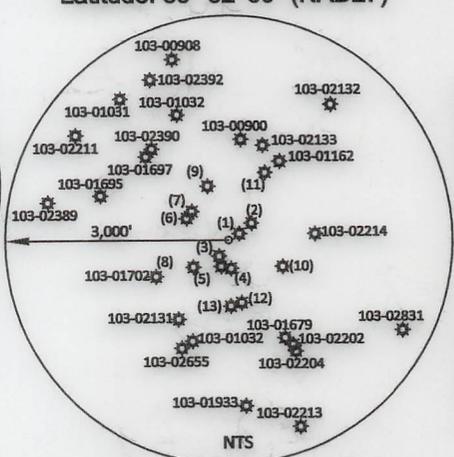
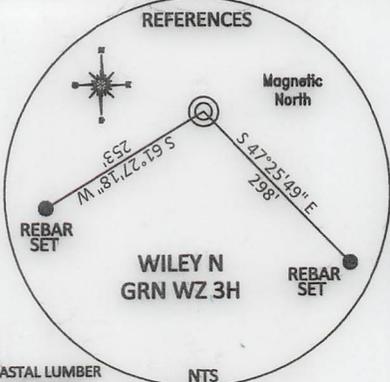
WV Department of  
 Environmental Protection

WELL NAME: WILEY N GRN WZ 3H  
QUAD: PINE GROVE, WV

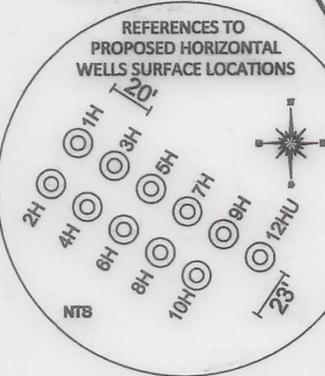
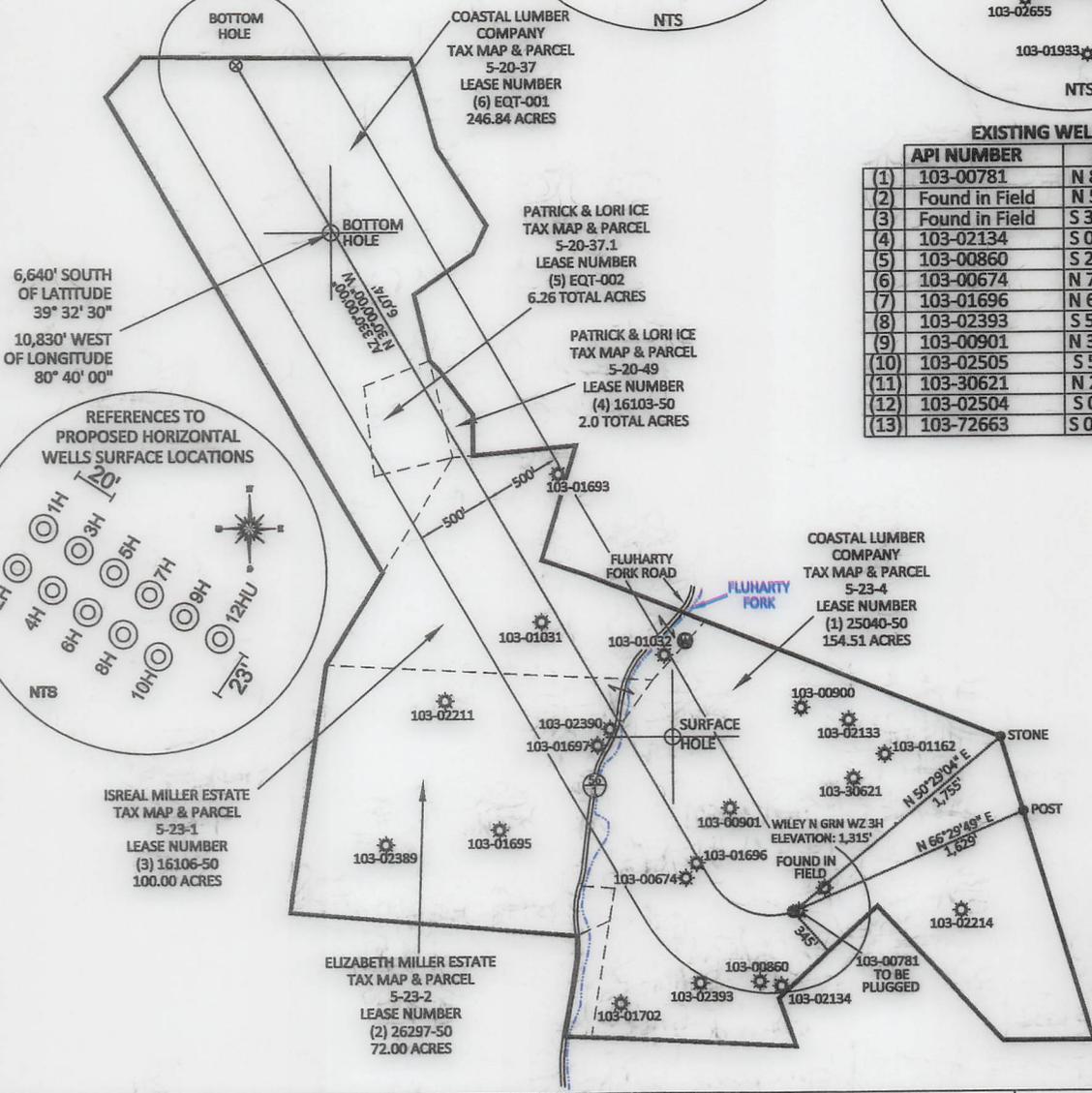


NO DWELLINGS FOUND WITHIN 650' OF THE CENTER OF THE WELL PAD  
NO WATER WELLS FOUND WITHIN 250' OF THE CENTER OF WELL PAD

TOP HOLE (UTM NAD 83)
N) 4373360.2
E) 526489.6
BOTTOM HOLE (UTM NAD 83)
N) 4375005.5
E) 525375.4



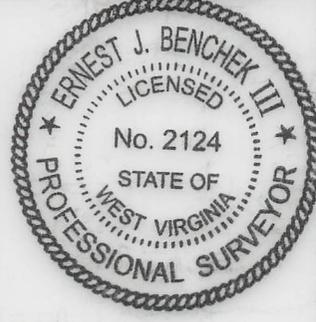
API NUMBER	BEARING	DISTANCE
(1) 103-00781	N 80°20'38" E	23.82'
(2) Found in Field	N 53°34'30" E	255.96'
(3) Found in Field	S 39°07'30" W	389.09'
(4) 103-02134	S 09°34'52" W	481.97'
(5) 103-00860	S 26°03'05" W	497.28'
(6) 103-00674	N 72°22'11" W	730.53'
(7) 103-01696	N 63°02'37" W	701.00'
(8) 103-02393	S 53°01'48" W	757.41'
(9) 103-00901	N 31°08'48" W	783.17'
(10) 103-02505	S 54°59'56" E	783.60'
(11) 103-30621	N 24°54'57" E	945.24'
(12) 103-02504	S 03°54'59" E	952.48'
(13) 103-72663	S 04°48'36" W	1000.55'



REFERENCE NOTES  
Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Wetzel County, West Virginia JANUARY 2015  
State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS  
Drafted by: EAM

FILE #: AE003  
DRAWING #: 2481  
SCALE: PLAT - 1" = 1,200'  
TICK MARK - 1" = 2000'  
MINIMUM DEGREE OF ACCURACY: 1/200  
PROVEN SOURCE OF ELEVATION: SUBMETER 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: *[Signature]*  
L.L.S. #2124: Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
WVDEP  
OFFICE OF OIL & GAS  
601 5TH STREET  
CHARLESTON, WV 25304  
Well Type:  Oil  Waste Diposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow  
WATERSHED: FISHING CREEK  
COUNTY/DISTRICT: WETZEL / GREEN  
SURFACE OWNER: COASTAL LUMBER COMPANY  
OIL & GAS ROYALTY OWNER: CHARLES W. McCOY Jr. ET AL  
LEASE NUMBERS:

DATE: August 26, 2015  
OPERATOR'S WELL #: WILEY N GRN WZ 3H  
API WELL #: 47 103 03100 HGA -  
STATE COUNTY PERMIT MOD  
ELEVATION: 1315' = Current  
1286.29' = Proposed  
PINE GROVE, WV  
CENTER POINT, WV  
ACREAGE: 154.51 +/-  
ACREAGE: 581.61 +/-

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY):  
TARGET FORMATION: MARCELLUS  
ESTIMATED DEPTH: TVD: 7,273' TMD: 13,600'  
WELL OPERATOR: Ascent Resources - Marcellus, LLC  
DESIGNATED AGENT: Eric B. Gillespie  
ADDRESS: 3501 NW 63rd Street  
ADDRESS: 100 Star Ave Suite 120  
CITY: Oklahoma City STATE: OK ZIP CODE: 73116  
CITY: Parkersburg STATE: WV ZIP CODE: 26101

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE

Chapter 22, Article 6A, Section 5(a)(5)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that-

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Ascent Resources - Marcellus, LLC is the record title owner of the leases identified herein. Listed below each lease is the applicable chain of title by which Ascent Resources - Marcellus, LLC was vested with title thereto. Please note, throughout

Tract	Parcel No.	Fee/Lease No.	Lessor/Assignor	Lessee/Assignee	Royalty/Instrument	Book/Page
1	5-23-4	25040-50	<b>John R. McCoy etal</b>	<b>J.F. Guffey</b>	<b>1/8</b>	<b>48/445</b>
			J.F. Guffey	W.M. Graham	Assignment	56/286
			W.M. Graham	W.H. Nimick	Assignment	56/288
			W.H.Nimick	South Penn Oil Company	Assignment	49/268
			South Penn Oil Company	South Penn Natural Gas Company	Assignment	33A/455
			South Penn Natural Gas Company	South Penn Oil Company	Assignment	215/478
			South Penn Oil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
			Pennzoil Company	Pennzoil United, Inc.	Assignment	246/491
			Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
			Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	319/397 & 322/577
			Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	363/384
			Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	12/177
			PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	12/278
			Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	370/580
			East Resources, Inc.	HG Energy, LLC	Assignment	118A/253
East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	153A/238			
American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Cert. of Name Change	WV Sec. of State records			
2	5-23-2	26297-50	<b>Israel Miller, gdn for John W. Miller and Jacob Miller</b>	<b>South Penn Oil Company</b>	<b>1/8</b>	<b>53/200</b>
			South Penn Oil Company	South Penn Natural Gas Company	Assignment	33A/455
			South Penn Natural Gas Company	South Penn Oil Company	Assignment	215/478
			South Penn Oil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
			Pennzoil Company	Pennzoil United, Inc.	Assignment	246/491
			Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
			Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	319/397 & 322/577
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			PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	12/278
			Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	370/580
			East Resources, Inc.	HG Energy, LLC	Assignment	118A/253
			East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	153A/238
			American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Cert. of Name Change	WV Sec. of State records
			3	5-23-1	16106-50	<b>Israel and Elizabeth Miller</b>
South Penn Oil Company	South Penn Natural Gas Company	Assignment				33A/455
South Penn Natural Gas Company	South Penn Oil Company	Assignment				215/478
South Penn Oil Company	Pennzoil Company	Cert. of Name Change				WV Sec. of State records
Pennzoil Company	Pennzoil United, Inc.	Assignment				246/491
Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change				WV Sec. of State records
Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.				319/397 & 322/577
Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment				363/384
Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger				12/177
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American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Cert. of Name Change				WV Sec. of State records
4	5-20-49	16103-50				<b>Louisa J. Fluharty</b>
			South Penn Oil Company	South Penn Natural Gas Company	Assignment	33A/455
			South Penn Natural Gas Company	South Penn Oil Company	Assignment	215/478
			South Penn Oil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
			Pennzoil Company	Pennzoil United, Inc.	Assignment	246/491
			Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change	WV Sec. of State records
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			American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Cert. of Name Change	WV Sec. of State records
			5	5-20-37.1	EQT-001	<b>Josephine Brast; A.E. Brast; William Brast &amp; S. L., his wife; Jacob Brast &amp; Ida, his wife; M.A. Brast &amp; M.E., his wife</b>
South Penn Oil Company	Hope Natural Gas Company	Assignment				9A/230
Hope Natural Gas Company	Hope Construction & Refining Company	Assignment				14A/195
Hope Construction & Refining Company	Hope Natural Gas Company	Consolidation/Merger				175/23
Hope Natural Gas Company	NY State Natrual Gas Corp merged with Hope Natural Gas Co and changed name to Consolidated Gas Supply Corporation	Merger				243/332
Consolidated Gas Supply Corporation	Consolidated Gas Transmission Corporation	Assignment				66A/69
Consolidated Gas Transmission Corporation	Eastern States Oil and Gas, Inc (now EQT Production Company)	Assignment				76A/232
EQT Production Company	Ascent Resources - Marcellus, LLC	Memo Agreement	166A/38			
6	5-20-37	EQT-001	<b>Josephine Brast; A.E. Brast; William Brast &amp; S. L., his wife; Jacob Brast &amp; Ida, his wife; M.A. Brast &amp; M.E., his wife</b>	<b>South Penn Oil Company</b>	<b>1/8</b>	<b>49/591</b>
			South Penn Oil Company	Hope Natural Gas Company	Assignment	9A/230
			Hope Natural Gas Company	Hope Construction & Refining Company	Assignment	14A/195
			Hope Construction & Refining Company	Hope Natural Gas Company	Consolidation/Merger	175/23
			Hope Natural Gas Company	NY State Natrual Gas Corp merged with Hope Natural Gas Co and changed name to Consolidated Gas Supply Corporation	Merger	243/332
			Consolidated Gas Supply Corporation	Consolidated Gas Transmission Corporation	Assignment	66A/69
			Consolidated Gas Transmission Corporation			

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		Consolidated Gas Transmission Corporation	Eastern States Oil and Gas, Inc (now EQT Production Company)	Assignment	76A/232
		EQT Production Company	Ascent Resources - Marcellus, LLC	Memo Agreement	166A/38





103-03100 MOD



August 20, 2015

West Virginia Department of Environmental Protection  
Office of Oil and Gas  
Attn: Laura Adkins or whomever concerned  
601 57<sup>th</sup> Street  
Charleston, West Virginia 25304

Re: Application for a Permit to Drill  
Wiley N GRN WZ 3H, 5H and 7H

Dear Ms. Adkins,

Ascent Resources – Marcellus, LLC has not included any new parcels in the extension of these laterals, therefore the ownership notification submitted with the original application remain valid for these laterals.

If you have any questions, please feel free to contact me.

Best Regards,

A handwritten signature in blue ink, appearing to read 'Ariel Bravo', with a long horizontal flourish extending to the right.

Ariel Bravo  
Regulatory Technician  
[ariel.bravo@ascentresources.com](mailto:ariel.bravo@ascentresources.com)  
Cell 405-403-4803  
Office 405-607-5529

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Environmental Protection