



west virginia department of environmental protection

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

Promoting a healthy environment.

11/06/2015

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>
------------------	---------------	--------------	---------------------

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

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
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							

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Max. Associated Surface Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
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:				

Office of Oil and Gas

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WV Department of
Environmental Protection
Page 2 of 3
11/06/2015

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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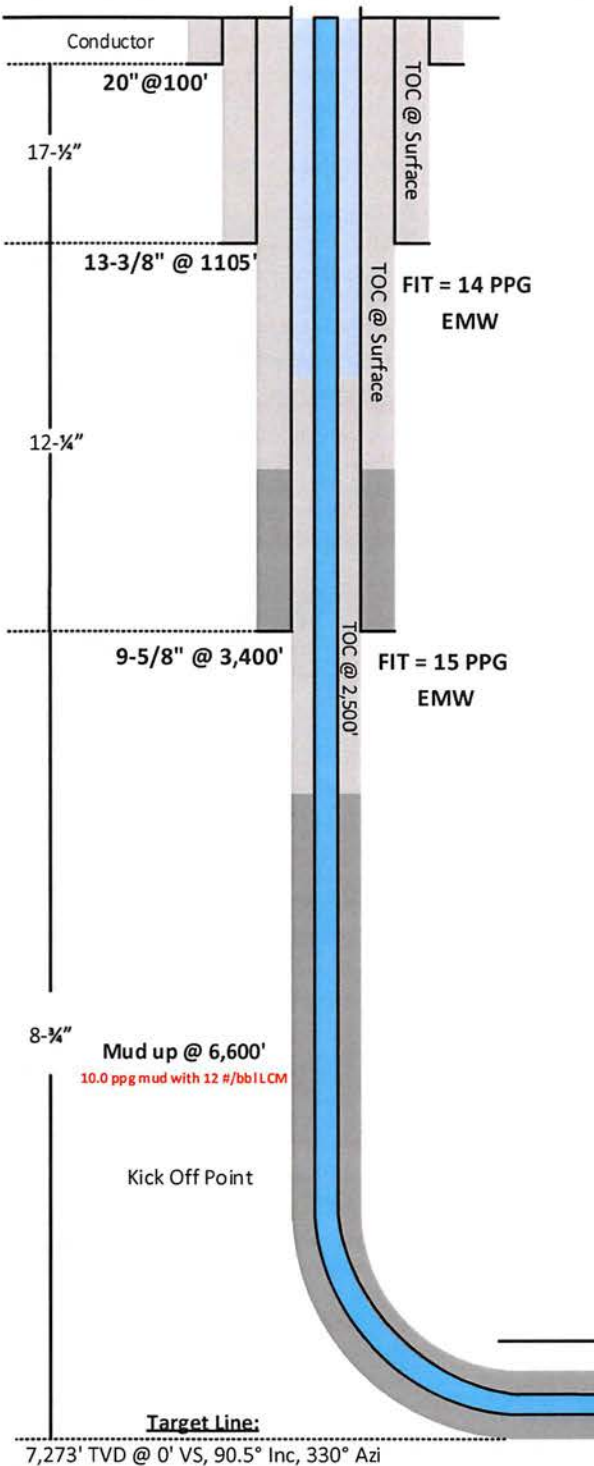
WV Department of
Environmental Protection

11/06/2015

103-03100000

Wiley N GRN WZ 3H

 <p>AMERICAN ENERGY APPALACHIA</p>	County, State:	Township:	Location:	Formation:	
	Wetzel, West Virginia		Grant		Marcellus
	Coord Inates:	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-DQX	11,110	12,640	13,600	22

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

AIR INTERVALS					SYNTHETIC COIL BASED MUD INTERVAL									
Interval	Depth (MD)	Rate (cfpm)	Water (bbl/hr)	Foamer (gal/hr)	Interval	Depth (MD)	Weight (#/gal)	Viscosity (sec/qt)	HTHP (ml/30min)	PV (cps)	YP (lb/100 ft)	SRPM	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	150K - 180K	75:25 - 70:30
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	150K - 180K	75:25 - 70:30

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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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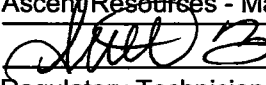
Please see attached.

**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

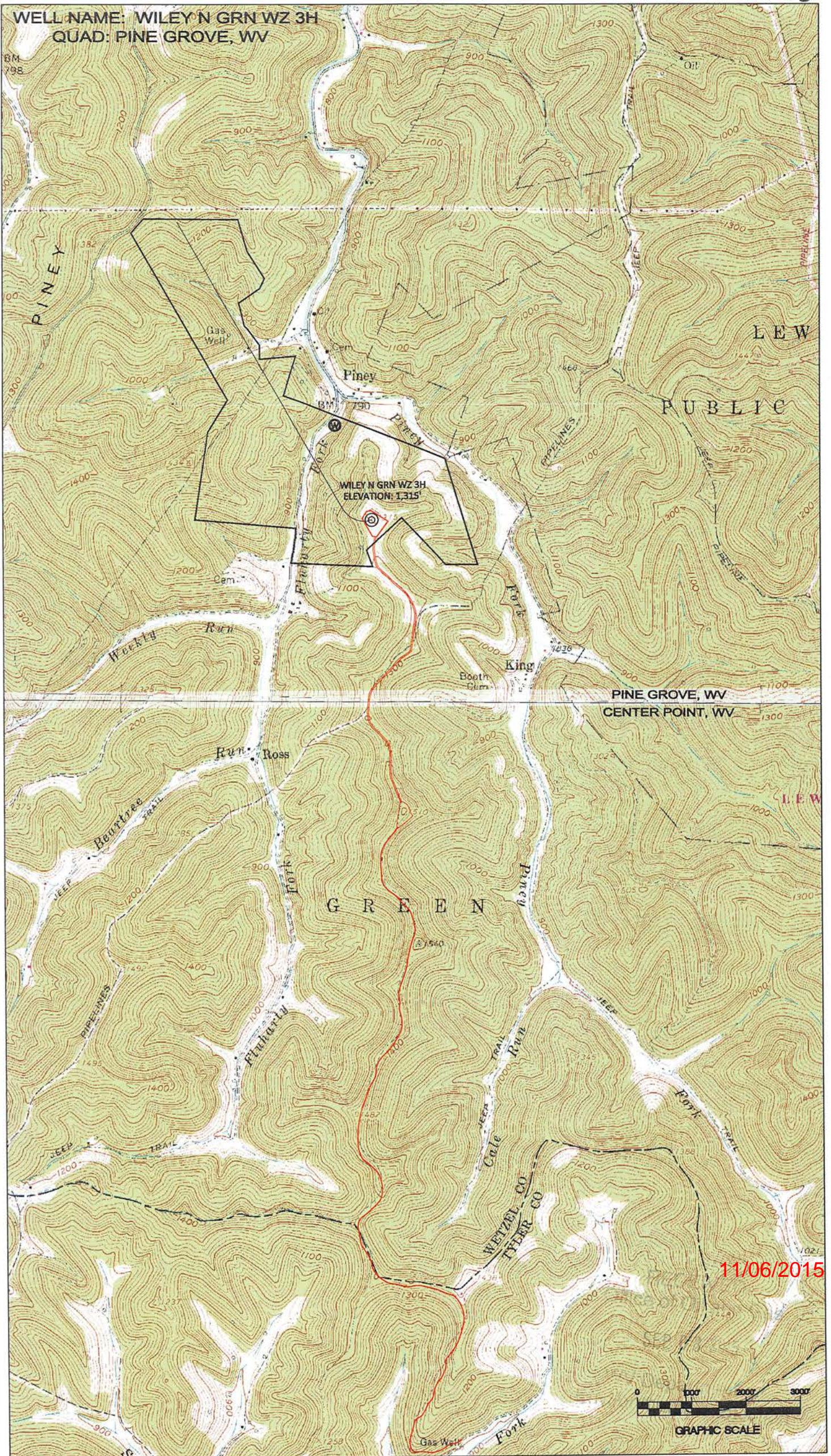
The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity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

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

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WV Department of
 Environmental Protection
 11/06/2015

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



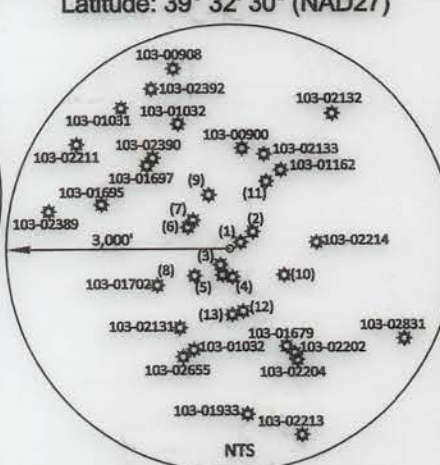
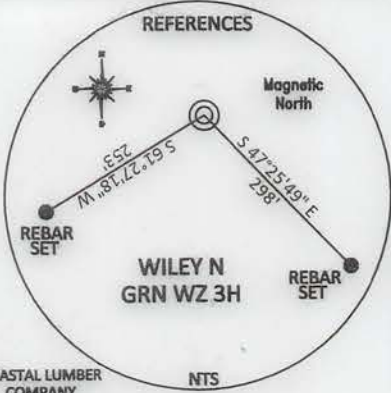
PINE GROVE, WV
CENTER POINT, WV

11/06/2015

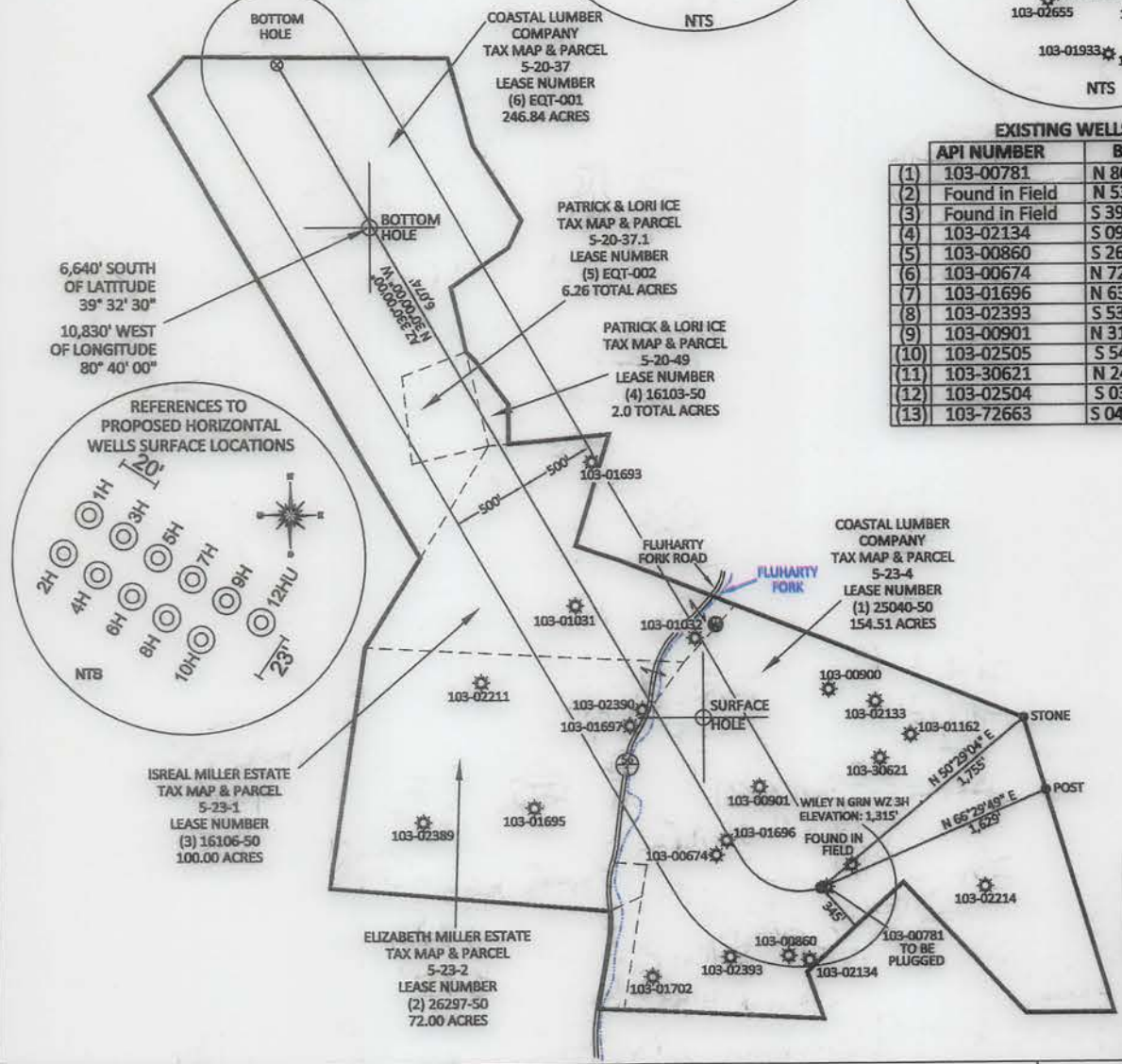


NO DWELLINGS FOUND WITHIN 650' OF THE CENTER OF THE WELL PAD
NO WATER WELLS FOUND WITHIN 250' OF THE CENTER OF WELL PAD

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



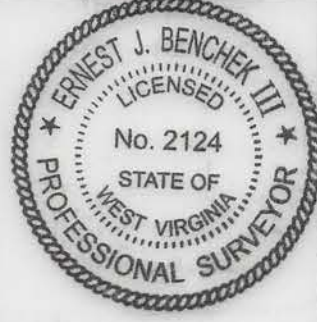
API NUMBER	BEARING	DISTANCE
(1) 103-00781	N 80°20'38" E	23.82'
(2) Found in Field	N 53°34'30" E	255.96'
(3) Found in Field	S 39°07'30" W	389.09'
(4) 103-02134	S 09°34'52" W	481.97'
(5) 103-00860	S 26°03'05" W	497.28'
(6) 103-00674	N 72°22'11" W	730.53'
(7) 103-01696	N 63°02'37" W	701.00'
(8) 103-02393	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
QUADRANGLE: PINE GROVE, WV
CENTER POINT, WV
ACREAGE: 154.51 + 11/06/2015
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
ADDRESS: 3501 NW 63rd Street
CITY: Oklahoma City STATE: OK ZIP CODE: 73116

DESIGNATED AGENT: Eric B. Gillespie
ADDRESS: 100 Star Ave Suite 120
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

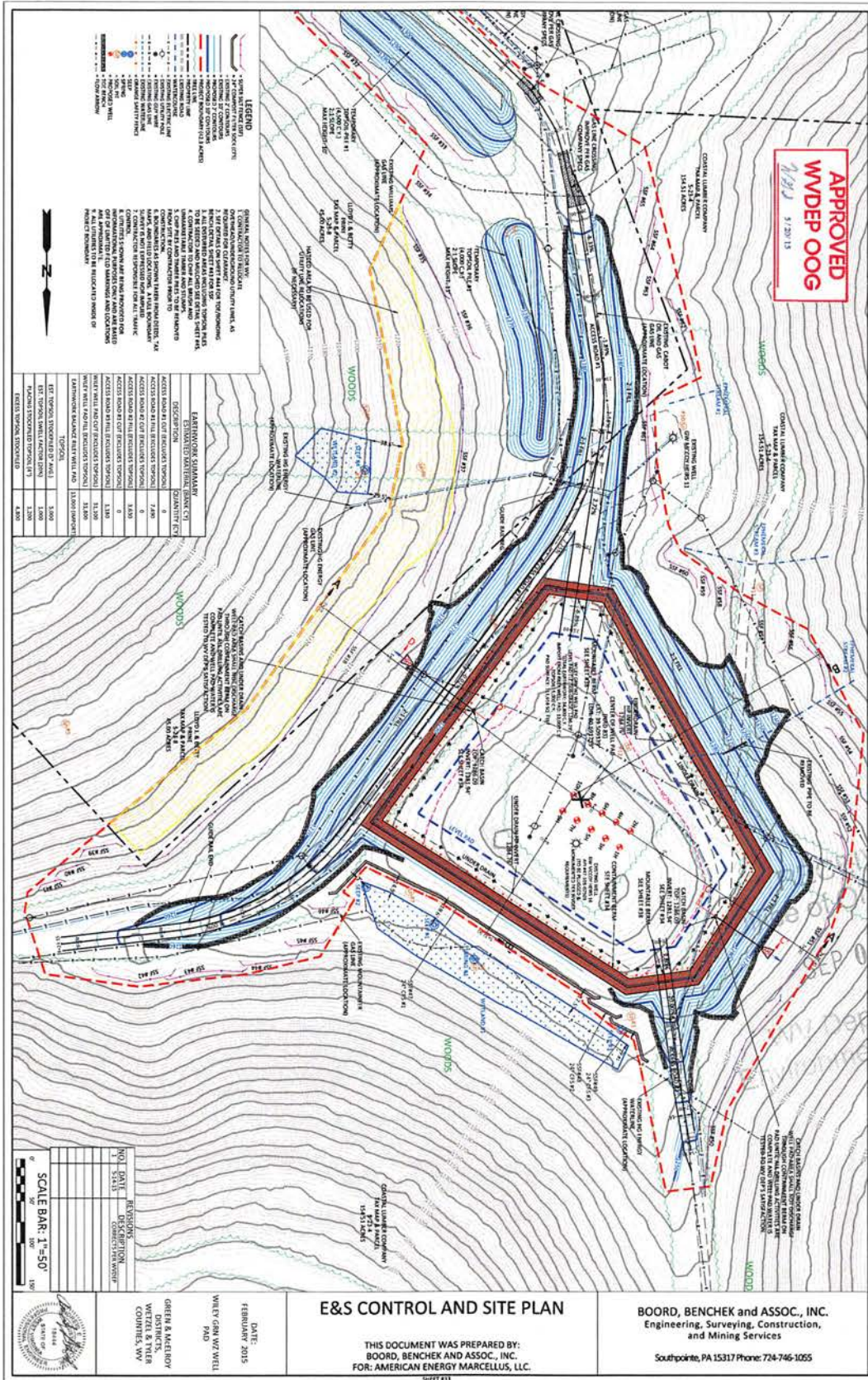
Tract	Parcel No.	Fee/Lease No.	Lessor/Assignor	Lessee/Assignee	Royalty/Instrument	Book/Page
1	5-23-4	25040-50	John R. McCoy et al	J.F. Guffey	1/8	48/445
			J.F. Guffey	W.M. Graham	Assignment	56/286
			W.M. Graham	W.H. Nimick	Assignment	56/288
			W.H. Nimick	South Penn Oil Company	Assignment	49/268
			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	370/590
			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	Israel Miller, gdn for John W. Miller and Jacob Miller	South Penn Oil Company	1/8	53/200
			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	370/590
			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	Israel and Elizabeth Miller
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
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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
4	5-20-49	16103-50				Louisa J. Fluharty
			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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			American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Cert. of Name Change	WV Sec. of State records
			5	5-20-37.1	EQT-001	Josephine Brast; A.E. Brast; William Brast & S. L., his wife; Jacob Brast & Ida, his wife; M.A. Brast & M.E., his wife
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 Natural 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	Josephine Brast; A.E. Brast; William Brast & S. L., his wife; Jacob Brast & Ida, his wife; M.A. Brast & M.E., his wife	South Penn Oil Company	1/8	49/591
			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 Natural 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

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103-03100 MOD

		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

11/06/2015



Department of Environmental Protection
 February 13, 2015



103-03100 MOD

August 20, 2015

West Virginia Department of Environmental Protection
Office of Oil and Gas
Attn: Laura Adkins or whomever concerned
601 57th 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
Cell 405-403-4803
Office 405-607-5529

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Office of Oil and Gas

SEP 03 2015

WV Department of
Environmental Protection

11/06/2015