



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

November 12, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-10301658, issued to ASCENT RESOURCES-MARCELLUS, LLC, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: C. C. PENNICK G-15
Farm Name: WV PUBLIC LANDS CO.

API Well Number: 47-10301658

Permit Type: Plugging

Date Issued: 11/12/2015

Promoting a healthy environment.

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.

WW-4B
Rev. 2/01

- 1) Date August 31, 2015
- 2) Operator's
Well No. C.C. Pennick No. G-15
- 3) API Well No. 47-103 - 01658

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

- 4) Well Type: Oil ____/ Gas ____/ Liquid injection X/ Waste disposal ____/
(If "Gas, Production ____ or Underground storage ____) Deep ____/ Shallow ____
- 5) Location: Elevation 1293.88' Watershed Fishing Creek
District Green County Wetzel Quadrangle Centerpoint 7.5'
- 6) Well Operator Ascent Resources - Marcellus LLC 7) Designated Agent Eric Gillespie
Address P.O. Box 13678 Address 100 Starr Ave. Suite 120
OKC, OK 73112 Parkersburg, WV 26101
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Derek Haught Name _____
Address P.O. Box 85 Address _____
Smithville, WV 26178

10) Work Order: The work order for the manner of plugging this well is as follows:
See attached plugging schematic and plugging procedure.

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector 

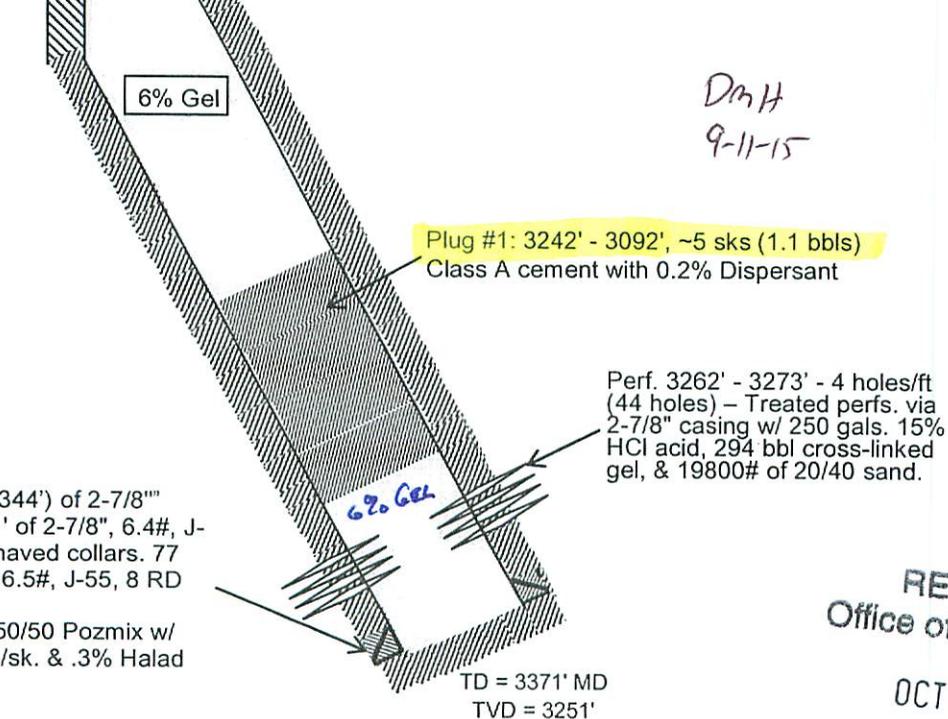
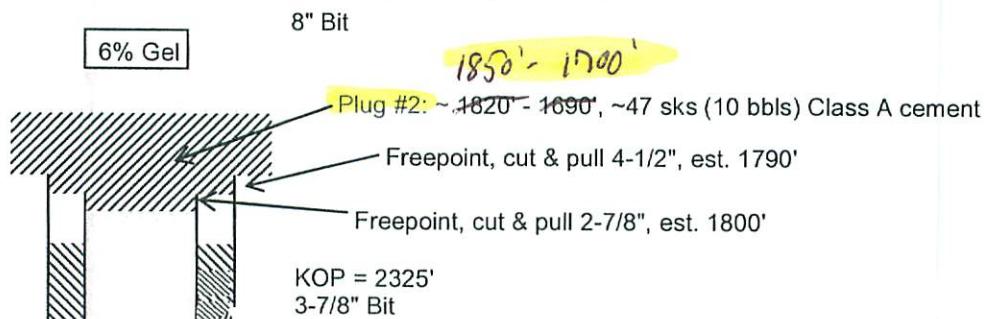
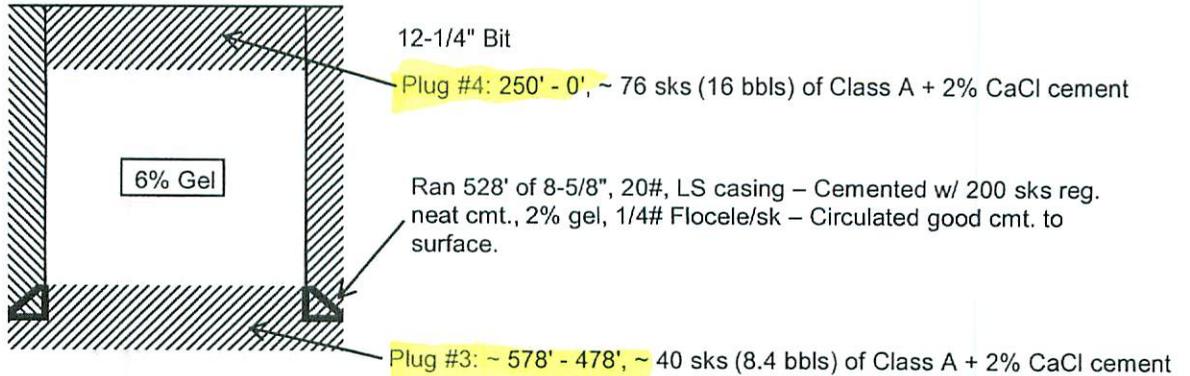
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Office of Oil and Gas
OCT 22 2015

WV Department of
Environmental Protection
Date 9-11-15

WV – Wetzel – CC Pennick G-15 – API No. 47-103-01658
Ascent Resources - Marcesillus LLC

PENNICK, C C G-15
Permit Number 47-103-01658
Wetzel County, WV – Stringtown Field

Note: Schematic is not drawn to scale.



DMH
9-11-15

Ran total of 111 jts. (3344') of 2-7/8" casing. 34 jts, 1078.11' of 2-7/8", 6.4#, J-55, 10 RD tubing w/ shaved collars. 77 jts, 2265.69' of 2-7/8", 6.5#, J-55, 8 RD tubing. Cemented w/ 50 sks. 50/50 Pozmix w/ 2% CaCl, 1/8# Flocele/sk. & .3% Halad

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Plug #4: Calculated 76 sks (16 bbls using 1.18 ft³/sk yield) with no excess from 0' to 250' (assuming 8.097" ID casing).

Plug #3: Calculated 23 sks (4.8 bbl) with 150% excess from 578' to 528' with 8" hole size. Calculated 16 sks (3.4 bbls) with no excess from 528' to 478' (assuming 8.097" ID casing). Total of ~ 39 sks. Round up to 40 sks (8.4 bbl).

Plug #2: Calculated 1 sks (0.2 bbls) with no excess from 1820' to 1800' in 2.441" ID casing. Calculated 1 sks (0.2 bbls) with no excess from 1800' to 1790' in 4.052" ID casing. Calculated 45 sks (9.5 bbls) at 150% excess from 1790' to 1690' with 8" hole size. Total of ~ 47 sks (10 bbls).

TOC estimated using 75% eff. With 50 sks (assuming yield of 1.18 ft³/sk and 3-7/8" bit)

Plug #1: Calculated 5 sks (1.1 bbls) with no excess from 3242' to 3092' with 2.441" ID casing.

TOC estimated using 75% eff. With 170 sks (assuming yield of 1.18 ft³/sk)

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OCT 22 2015

WR-35

03-27-95
API # 47-103-1658 S

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: WVA PUBLIC LAND CO. Operator Well No.: C.C. PENNICK G-15
LOCATION: Elevation: 1,295' Quadrangle: CENTERPOINT
District: GREEN County: WETZEL
Latitude: 7,650 Feet south of 39 Deg 30 Min 0 Sec.
Longitude: 7,900 Feet west of 80 Deg 40 Min 0 Sec.

Company: PENNZOIL PRODUCTS COMPANY
P.O. BOX 5519
VIENNA, WV 26105-5519

Agent: PHILIP S. ONDRUSEK

Inspector: RANDAL MICK
Permit Issued: 3/27/95
Well work Commenced: 6/21/95
Well work Completed: 8/18/95
Verbal plugging permission granted on:
Rotary X Cable Rig
Total Depth (feet) 3,297
Fresh water depths (ft) NA

Salt water depths (ft) NA

Is coal being mined in area (Y/N) N
Coal Depths (ft): NA

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8	528'	528'	200 SKS
4 1/2"	3276'	3276'	170 SKS

OPEN FLOW DATA *Waterflood Injection Well

Producing formation GORDON Pay zone depth (ft) 3142-3206
 Gas: Initial open flow * MCF/d Oil: Initial open flow * Bbl/d
 Final open flow * MCF/d Final open flow * Bbl/d
 Time of open flow between initial and final tests * Hours
 Static rock pressure * psig (surface pressure) after Hours

Second producing formation Pay zone depth (ft)
 Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
 Final open flow MCF/d Final open flow Bbl/d
 Time of open flow between initial and final tests Hours
 Static rock pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM, PUT THE FOLLOWING: 1) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: PENNZOIL PRODUCTS COMPANY
By: Philip Ondrusek
Date: 4/8/96

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Office of Oil and Gas
3142-3206
SEP 14 2 00 PM '95
Department of Environmental Protection

Treatment: Perforated Gordon 3172-3179 (16 Holes) Treated via 4 1/2" with 300 gal.
15% HCl Acid, 170 BBL gelled water & 5200# 20/40 Sand.

Well Log:

Sand & Shale	0	-	1706'
Sand	1706'	-	1749'
Shale	1749'	-	1802'
Sand & Shale	1802'	-	2086'
Sand	2086'	-	2131'
Sand & Shale	2131'	-	2314'
Sand	2314'	-	2340'
Shale	2340'	-	2386'
Sand	2386'	-	2538'
Shale	2538'	-	3142'
Gordon	3142'	-	3206'
T.D.	3297'		

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SEP 14 2015
WV Department of
Environmental Protection

**DRILLING PROGNOSIS
C.C. PENNICK G-15
GREEN DISTRICT -WETZEL COUNTY, WV**

LOCATION: Stringtown
PERMIT NO.: 47-103-1658
ELEVATION: 1295' G.L. or 1303'K.B.

DRILLING AND

CASING PROGRAM: Drill at least a 11" hole to approx. 545'; set 8-5/8" OD, limited service, 20#/ft. casing on a casing shoe. Cement back to surface with 50 sks. reg. neat with 3% cc, 2% gel, 1/4# Flocele/sk. followed by 130 sks. reg. neat cement with 3% cc and 1/4# Flocele/sk. W.O.C. 8 hrs.

Drill a 7-7/8" hole to approx. 3290'. Set 4 1/2" OD, 10.5#/ft., J-55 casing on casing shoe. Cement with 5 barrels mud flush, 120 sks HI-Yield Light Standard Cement followed by 50 sks. 50/50 Pozmix, 2% cc, 2% gel and 1/8# Flocele/sk.

When latch-down plug is seated, pressure casing to 2000 psi and record this on chart. Maintain this pressure for 20 minutes to complete casing integrity test. Release rig.

DRILLING FLUID: Air to total depth. If necessary to use fluid, use freshwater to surface casing point, 2 1/2 - 3% KCL system below surface casing. Prior to drilling Gordon, water loss to be reduced to 20 cc or less.

DRILLING TIME AND SAMPLES: One foot drilling time from surface to total depth. Ten foot samples from 2300' to total depth.

LOGGING: To be determined at time of drilling.

PIPE TALLY: Drill string will be strapped out on last trip at or before coring point or total depth is reached. If a correction of more than five feet (5') is necessary, then drill string is to be strapped going back in hole.

FORMATION TOPS:	Pittsburgh Coal	1115' K.B.
	Big Lime	2327' K.B.
	Big Injun	2407' K.B.
	Pocono Shale	2556' K.B.
	Gordon	3163' K.B.
	Total Depth	3290' K.B.

CALL DRILLING SUPT. AT 2965'

SUPERVISION: A morning report will be called into the Parkersburg office by 8:00 a.m. each morning.

Rick Green	Area Supt.	782-2216	782-4248
Dale Workman	Foreman	889-3334	889-2278
Phil Ondrusek	Operations Supt.	1-800-579-7684	464-5379
Paul King, Jr.	Petr. Eng. Advisor	1-800-579-7684	(614)984-2387
Jack Sutherland	Drilling Supt.	1-800-579-7684	(614)989-5138
Roger Heldman	Sr. Petr. Eng.	1-800-579-7684	(614)678-8210
Bill Greenlees	Sr. Petr. Eng.	1-800-579-7684	(614)749-3269
Bill Toomey	Sr. Petr. Geologist	1-800-579-7684	(614)423-7054

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Completion Prognosis
CC PENNICK No G-15
Stringtown Unit No 2
Wetzel Co.- WV

TD:3371'

The purpose of the following work is to complete this well for water injection in the Gordon.

1. MI 300 bbls clean fresh water.
2. Swab casing dry.
3. Perforate Gordon 3262'-3273' (4 SPF) .
4. Treat perforations with 250gals 15% HCL, 250 bbls borate cross linked gel water and 20,000 # 20/40 sand.
5. Clean out to at least 3290'.
6. Place well on injection after obtaining State approval.

Roger Heldman
10/26/03

	Approved	Date
TO: Mike McCown Marvin Rollins Bill Fustos	<u>mm</u>	<u>10/29</u>

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WV Department of
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FRACTURING REPORT

Lease: C C Pennick Well No. 615

T.D. 3371 ' - P.B.D. — ' - ~~Ran-Gamma Ray Collar Logs.~~

Formation: Gordon Original Completion: Yes No

Perf: 3262 ' - 3273 ' - 4 Holes Per Ft. (44 holes).

Treated Perfs. via 2 7/8 csg. w/ 250 gals. 150% HCl

acid; 294 Bbls. 621 ^{Cross 15/1608} & 19,800 lbs. of 20/40

sand. B.D.P. 4100 psig - Max T.P. 4255 psig - Min. T.P. 2390

psig - Avg. T.P. 2600 psig - Avg. T.R. 10.2 B.P.M.

ISIP 1909 psig - 5 min. SIP 1698 psig - 10 min. SIP 1566

psig - 15 min. SIP 1477 psig.

Service Company: Haelborton

Date: 11/6/03

By: Roger Halden

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Environmental Protection

WW-4A
Revised 6-07

1) Date: 8/31/15
2) Operator's Well Number
C.C. Pennick No. G-15

3) API Well No.: 47 - 103 - 01658

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name WV Department of Natural Resources	Name N/A
Address Commerce Division	Address
Capitol Complex, Building 6, Room 525	
(b) Name Charleston, WV 25303	(b) Coal Owner(s) with Declaration
Address	Name N/A
	Address
(c) Name	Name
Address	Address
6) Inspector Derek Haight	(c) Coal Lessee with Declaration
Address P.O. Box 85	Name N/A
Smithville, WV 26178	Address
Telephone 304-206-7613	

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

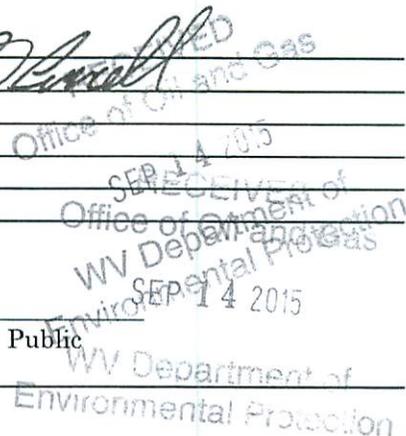
Well Operator Ascent Resources - Marcellus LLC
 By: Trent L Carroll
 Its: Sr. Regulatory Analyst
 Address P.O. Box 13678
 OKC, OK 73112
 Telephone 405-607-5476



Subscribed and sworn before me this 31st day of August
 My Commission Expires 1/23/18
 Notary Public

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.



WW-9
(2/15)

API Number 47 - 103 - 01658

Operator's Well No. C.C. Pennick No. G-15

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Ascent Resources - Marcellus, LLC OP Code _____

Watershed (HUC 10) Fishing Creek Quadrangle Centerpoint 7.5'

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes No If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain No expected waste to dispose other than produced water.)

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

-If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

-Landfill or offsite name/permit number? N/A

*DMH
9-11-15*

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature *Trent L. Carroll*

Company Official (Typed Name) Trent L. Carroll

Company Official Title Sr. Regulatory Analyst

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Office of Oil and Gas

Subscribed and sworn before me this 31st day of August, 2015

[Signature]

Notary Public

My commission expires 1/23/18

OCT 22 2015
MEMBER KOLLOD
1400742
WV Department of Environmental Protection
PUBLIC
STATE OF WEST VIRGINIA

Ascent Resources - Marcellus, LLC

Proposed Revegetation Treatment: Acres Disturbed 0.7 Prevegetation pH _____

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20

Fertilizer amount 500 lbs/acre

Mulch Straw 2 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type	lbs/acre
Tall Fescue	40
Ladino Clover	5

Seed Type	lbs/acre
Tall Fescue	40
Ladino Clover	5

Attach:

Drawing(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided)

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: [Signature]

Comments: _____

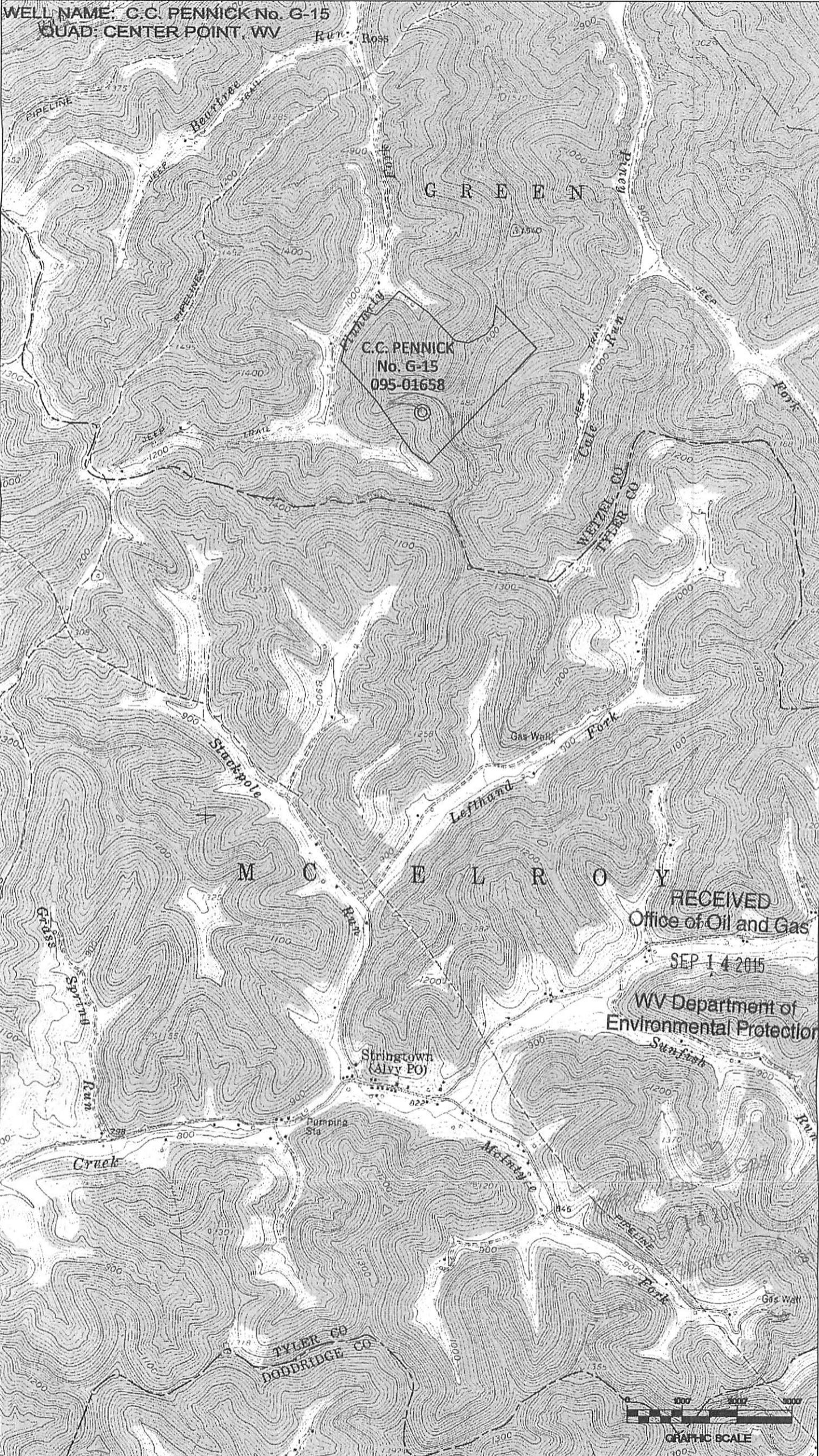
Title: Oil & Gas Inspector

Date: 9-11-15

Field Reviewed? Yes No

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OCT 22 2015
WV Department of
Environmental Protection

WELL NAME: C.C. PENNICK No. G-15
QUAD: CENTER POINT, WV



C.C. PENNICK
No. G-15
095-01658

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SEP 14 2015

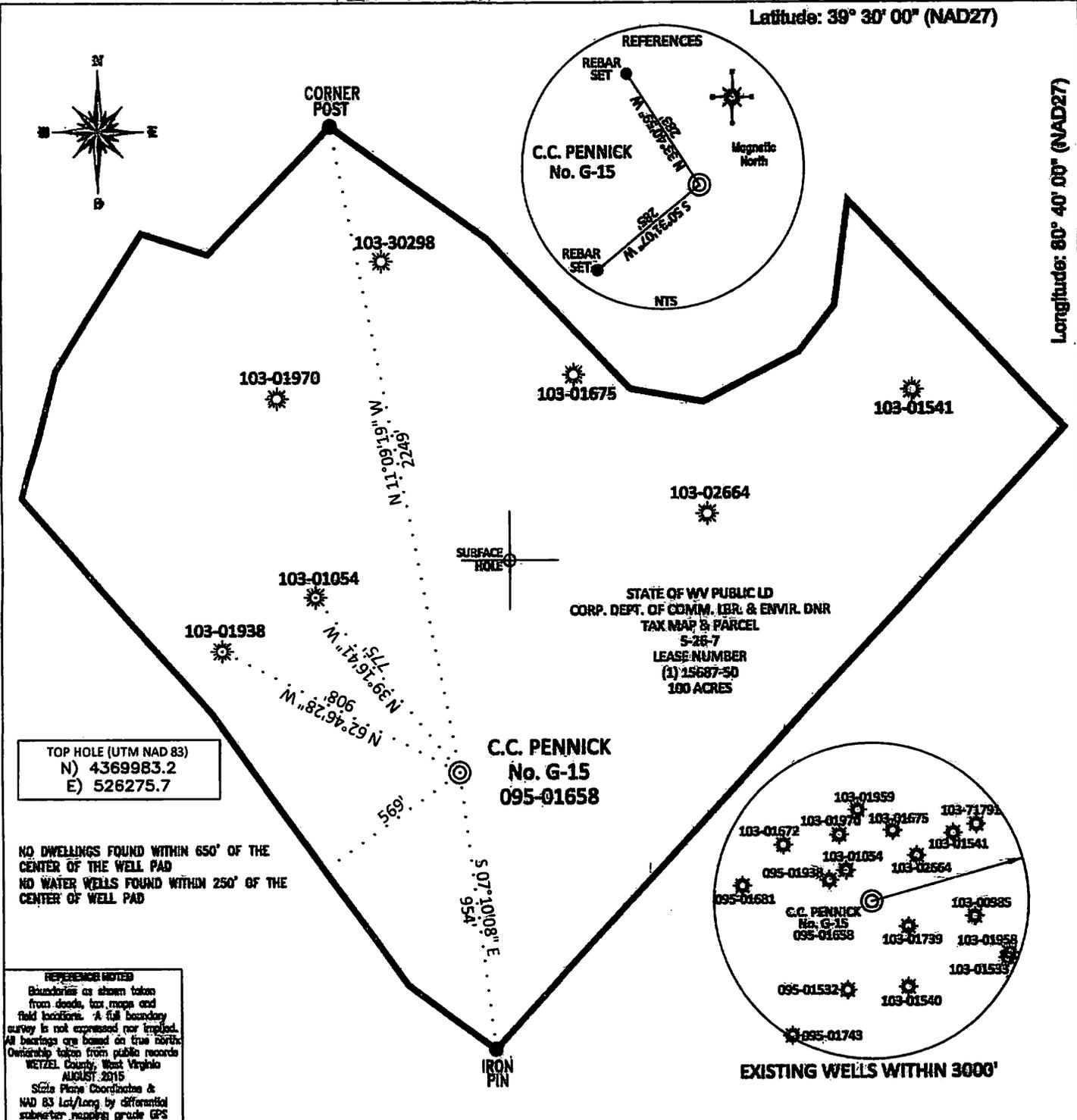
WV Department of
Environmental Protection

Stringtown
(ALY PO)

TYLER CO
DODDRIDGE CO



GRAPHIC SCALE



TOP HOLE (UTM NAD 83)
 N) 4369983.2
 E) 526275.7

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

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 AUGUST 2015
 Sika Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS Drafted by EAR

FILE #: AE003
 DRAWING #: 2592
 SCALE: PLAY - 1" = 500'
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

DATE: AUGUST 26, 2015
 OPERATOR'S WELL #: C.C. PENNICK No. G-15
 API WELL #: 47 103 01658
 STATE COUNTY PERMIT

Well Type: Oil Waste Diposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: FISHING CREEK ELEVATION: 1293.88'
 COUNTY/DISTRICT: WETZEL / GREEN QUADRANGLE: CENTER POINT, WV
 SURFACE OWNER: STATE OF WV PUBLIC LD CORP. DEPT. OF COMM. LIBR. AND ENVIR. DNR ACREAGE: 100.00 +/-
 OIL & GAS ROYALTY OWNER: Ascent Resources - Marcellus, LLC ACREAGE: 100.00 +/-
 LEASE NUMBERS: _____

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: GORDON ESTIMATED DEPTH: TVD: 3,410' TMD: 3,410'
 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

SURFACE HOLE DEC. LONG: 80.894883
SURVEYED LONG: 80° 41' 40.8"

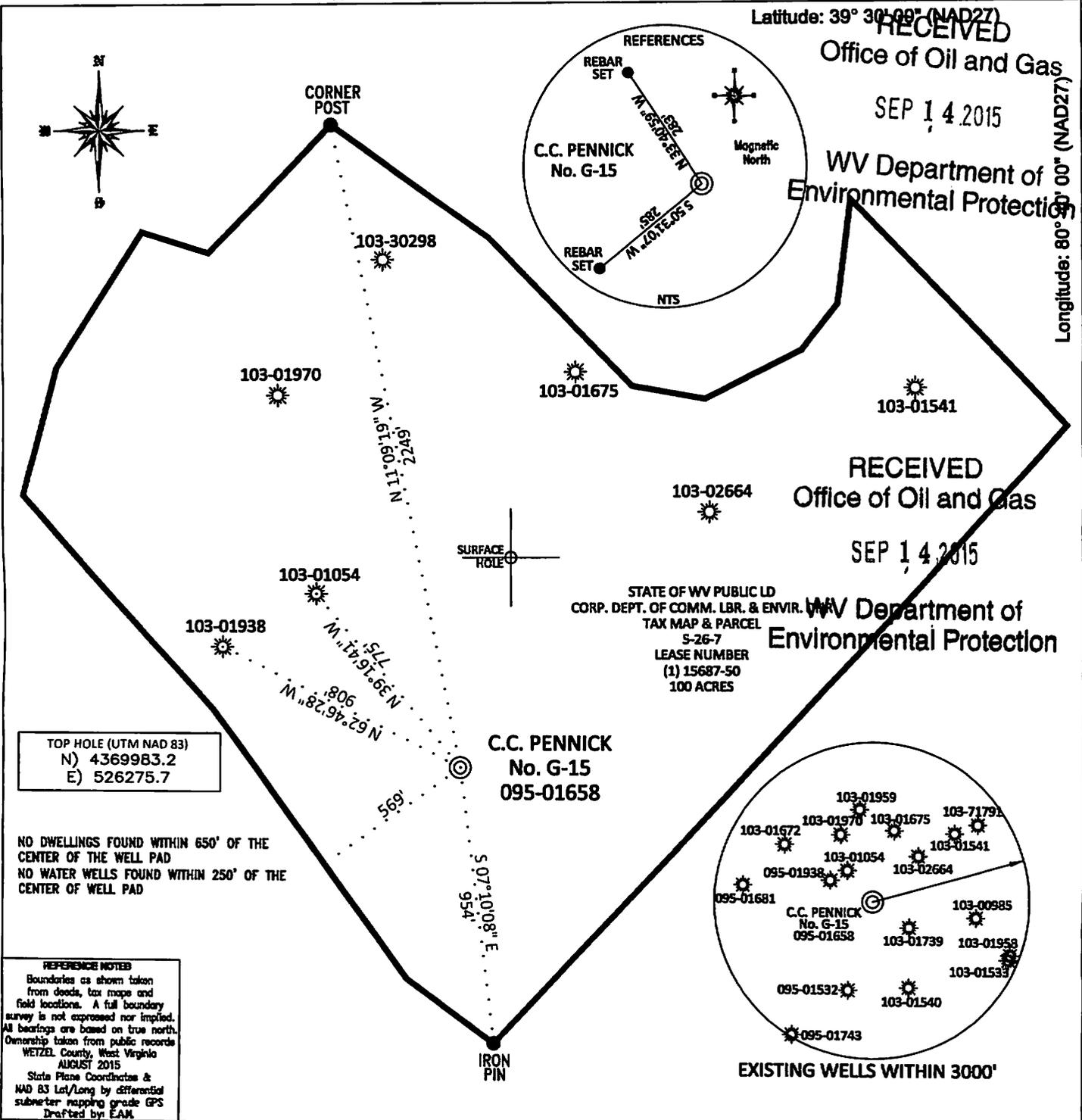
7.860'

Latitude: 39° 30' 09" (NAD27)

Longitude: 80° 00' (NAD27)

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SEP 14 2015
WV Department of
Environmental Protection

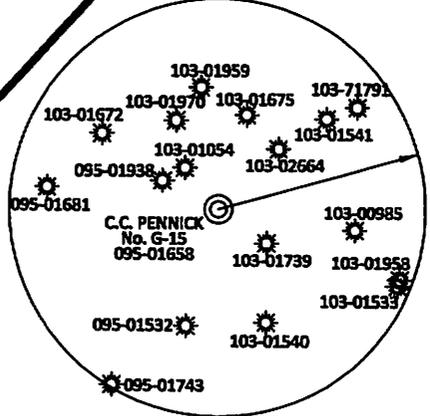
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TOP HOLE (UTM NAD 83)
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E) 526275.7

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

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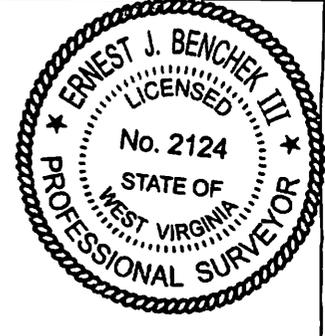


STATE OF WV PUBLIC LD
CORP. DEPT. OF COMM. LBR. & ENVIR. DNR
TAX MAP & PARCEL
5-26-7
LEASE NUMBER
(1) 15687-50
100 ACRES

FILE #: AEO03
 DRAWING #: 2592
 SCALE: PLAT - 1" = 500'
TICK MARK - 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1/200
 PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING GRADE GPS

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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 57TH STREET
CHARLESTON, WV 25304

DATE: AUGUST 26, 2015
 OPERATOR'S WELL #: C.C. PENNICK No. G-15
 API WELL #: 47 103 01658 P
 STATE COUNTY PERMIT

Well Type: Oil Waste Diposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: FISHING CREEK ELEVATION: 1293.88'
 COUNTY/DISTRICT: WETZEL / GREEN QUADRANGLE: CENTER POINT, WV
 SURFACE OWNER: STATE OF WV PUBLIC LD CORP. DEPT. OF COMM. LBR. AND ENVIR. DNR ACREAGE: 100.00 +/-
 OIL & GAS ROYALTY OWNER: Ascent Resources - Marcellus, LLC ACREAGE: 100.00 +/-
 LEASE NUMBERS: _____

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: GORDON ESTIMATED DEPTH: TVD: 3,410' TMD: 3,410'
 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