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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

November 12, 2015

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-10301970, 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 54  
Farm Name: WV PUBLIC LANDS  
**API Well Number: 47-10301970**  
**Permit Type: Plugging**  
Date Issued: 11/12/2015

## 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

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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.

10301970P

WW-4B  
Rev. 2/01

1) Date August 31, 2015  
2) Operator's  
Well No. C.C. Pennick No. 54  
3) API Well No. 47-103 - 01970

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 \_\_\_ / Waste disposal \_\_\_ /  
(If "Gas, Production \_\_\_ or Underground storage \_\_\_) Deep \_\_\_ / Shallow \_\_\_

5) Location: Elevation 1259.05' 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.**

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

OCT 22 2015

WV Department of  
Environmental Protection  
Date 9-11-15

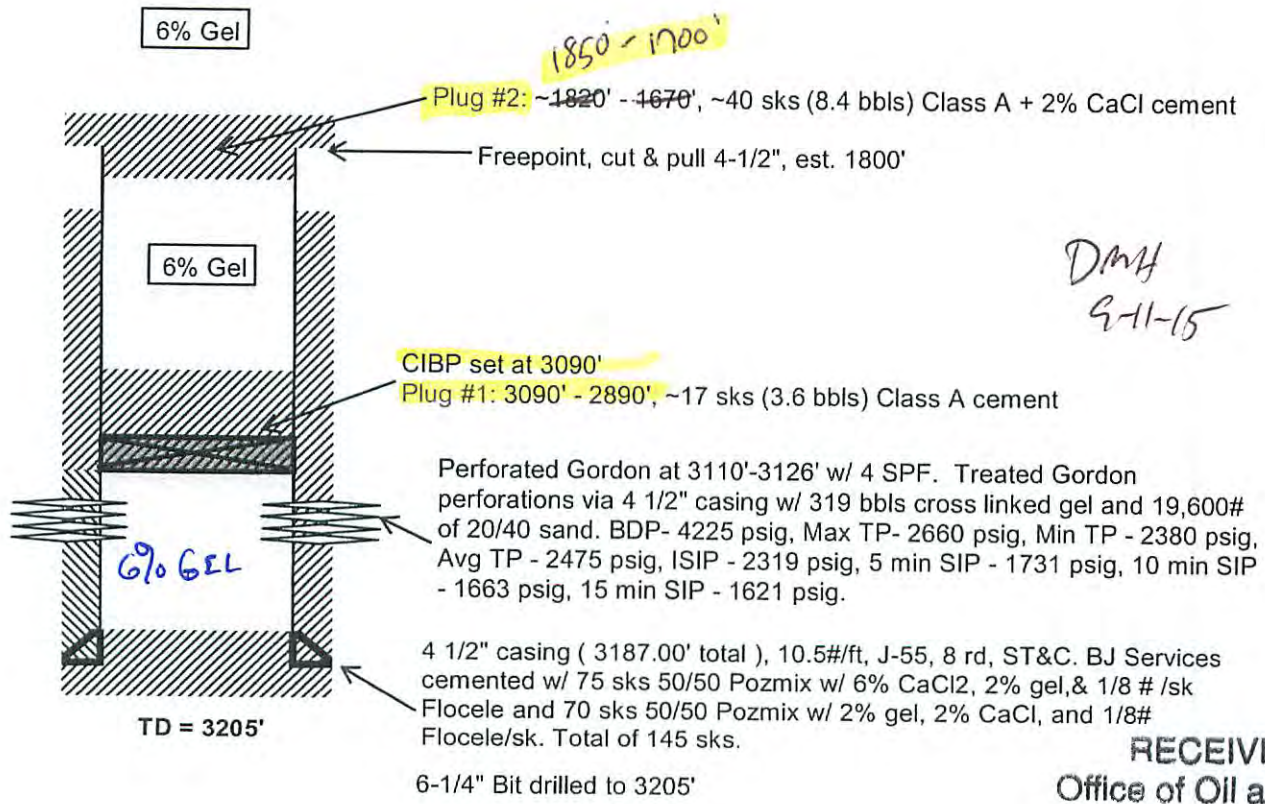
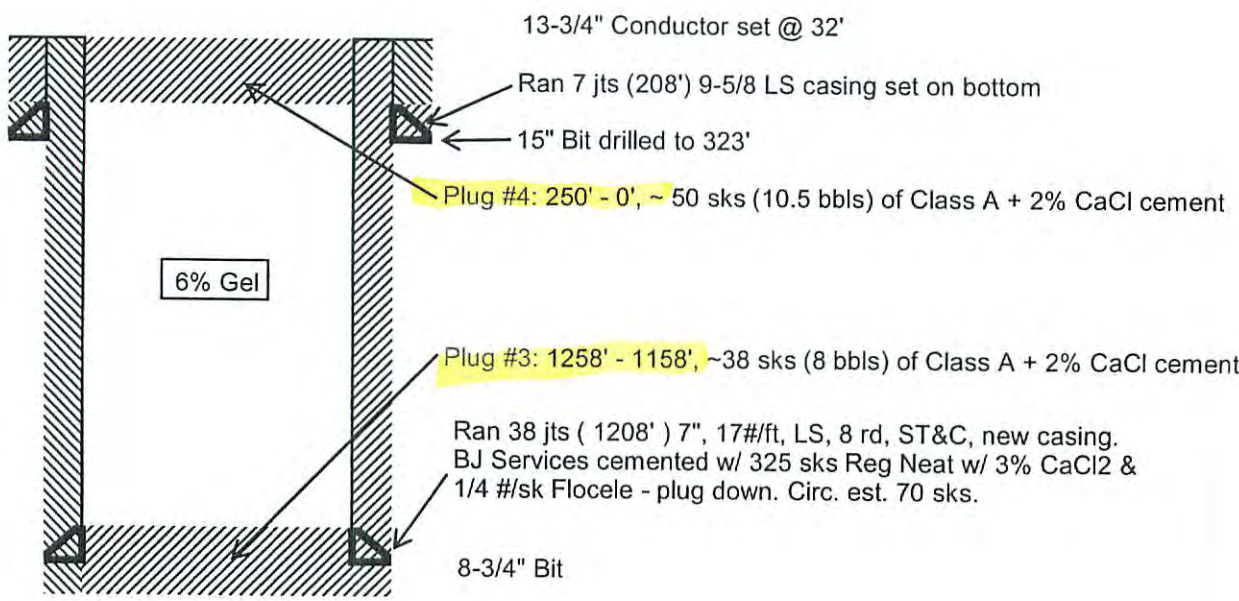
Work order approved by inspector [Signature]

11/13/2015

WV - Wetzel - Stringtown Field - C.C. Pennick #54 - API No. 47-103-01970

# Ascent Resources - Marcellus LLC

C.C. Pennick #54 - Current WBD  
Permit Number 47-103-01970  
Wetzel County, WV - Stringtown Field



DMH  
9-11-15

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Plug #4: Calculated 50 sks with no excess from 0' to 250' with 6.538" ID casing (10.5 bbls using 1.18 ft<sup>3</sup>/sk yield).

Plug #3: Calculated 27 sks with 150% excess from 1208' to 1258' with 8-3/4" hole size. Calculated 10 sks (2.1 bbls) with no excess from 580' to 530' with 6.538" ID casing. Total of ~ 38 sks.

Plug #2: Calculated 36 sks (7.6 bbls) with 150% excess from <sup>1850' - 1700'</sup> ~~1800'~~ to ~~1670'~~ with 6-1/4" hole size. Calculated 2 sks with no excess from 1800' to 1820' with 4.052" ID casing. Total of ~ 38 sks (round up to 40 sks and 8.4 bbls).

Plug #1: Calculated 16 sks with no excess from 3125' to 2925' with 4.052" ID casing (round up to 17 sks and 3.6 bbls to spot on top of CIBP).

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103019709

WR-35

8-Sep-03

API# 47 103 01970

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

COPY

Well Operator's Report of Well Work

Farm name: WV PUBLIC LANDS CORP.

Operator Well No.: C C PENNICK 54

LOCATION: Elevation: 1,226.00
District: GREEN
Latitude: 6,350 Feet south of
Longitude: 8,550 Feet west of

Quadrangle: CENTERPOINT 7.5'
County: WETZEL
39 Deg 30 Min 0 Sec.
80 Deg 40 Min 30 Sec.

Company: EAST RESOURCES, INC.
P.O. BOX 5519
VIENNA, WV 26105-5519

Agent: MICHAEL MCCOWN
Inspector: MIKE UNDERWOOD
Permit Issued: 09/08/03
Well work Commenced: 10/17/03
Well work Completed: 11/07/03
Verbal plugging permission granted on:
Rotary X Cable Rig
Total Depth (feet) 3,205
Fresh water depths (ft) NA
Salt water depths (ft) NA
Is coal being mined in area (Y/N) N
Coal Depths (ft): NA

Table with 4 columns: Casing & Tubing Size, Used in Drilling, Left in Well, Cement Fill Up Cu. Ft. Rows include 9 5/8", 7", and 4 1/2" sizes.

OPEN FLOW DATA Waterflood injector

Producing formation Gordon Pay zone depth (ft) 3108'-3126'
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: EAST RESOURCES, INC. RECEIVED
By: [Signature] Office of Oil and Gas
Date: 11/7/03 SEP 14 2015

WV Department of Environmental Protection 11/9/2015

**Treatment :**

Treated perfoations 3110'-3126' w/ 250 gals 15% HCL, 319 bbbls cross linked gel and 19,600 # 20/40 sand

**Well Log :**

|                |       |       |
|----------------|-------|-------|
| Sand and Shale | 0'    | 212'  |
| Shale          | 212'  | 262'  |
| Sand           | 262'  | 294'  |
| Shale          | 294'  | 482'  |
| Sand           | 482'  | 534'  |
| Sand & Shale   | 534'  | 1074' |
| Sand           | 1074' | 1130' |
| Shale          | 1130' | 1140' |
| Sand           | 1140' | 1170' |
| Shale          | 1170' | 1451' |
| Sand           | 1451' | 1496' |
| Sand & Shale   | 1496' | 2250' |
| Sand           | 2250' | 2278' |
| Big Lime       | 2278' | 2354' |
| Big Injun      | 2354' | 2516' |
| Shale          | 2516' | 3084' |
| Gordon Stray   | 3084' | 3100' |
| Shale          | 3100' | 3108' |
| Gordon         | 3108' | 3126' |
| Shale          | 3126' | 3205' |
| TD             | 3205' |       |

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Completion Prognosis  
CC PENNICK No 54  
Stringtown Unit No 2  
Wetzel Co.- WV

TD:3200'

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 3110'-3126' ( 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 3140'.
6. Swab well to determine if there is significant oil production.
7. Based on the above swab test place well on production carefully monitoring fluid volumes or place on injection after obtaining State approval.

Roger Heldman  
10/26/03

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



FRACTURING REPORT

Lease: CC Pennick Well No. 54

T.D. 3205 - P.B.D.        - ~~Ram Gamma Ray Collar Logs.~~

Formation: Gonnes Original Completion: Yes No

Perf: 3110 - 3126 - 4 Holes Per Ft. (64 holes).

Treated Perfs. via 4 1/2 csg. w/ 250 gals. 15 1/2 HCl

acid; 319 Bbls. Cross linked 421 & 19,600 lbs. of 20400

sand. B.D.P. 4225 psig - Max T.P. 2660 psig - Min. T.P. 2380

psig - Avg. T.P. 2475 psig - Avg. T.R. 10.2 B.P.M.

ISIP 2319 psig - 5 min. SIP 1731 psig - 10 min. SIP 1663

psig - 15 min. SIP 1621 psig.

Service Company: Halliburton

Date: 11/6/03 By: Ryan Hedder

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WV Department of  
Environmental Protection  
11/13/2015

WW-4A  
Revised 6-07

1) Date: 8/31/15  
2) Operator's Well Number  
C.C. Pennick No. 54

3) API Well No.: 47 - 103 - 01970

**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 *Trent L Carroll*  
 Its: Sr. Regulatory Analyst  
 Address P.O. Box 13678  
 OKC, OK 73112  
 Telephone 405-607-5476

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Office of Oil and Gas

SEP 14 2015

Subscribed and sworn before me this 31st day of August

My Commission Expires 1/23/18

Notary Public Department of Environmental Protection

**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](mailto:depprivacyofficer@wv.gov).

10301970P

WW-9  
(2/15)

API Number 47 - 103 - 01970  
Operator's Well No. C.C. Pennick No. 54

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.)

*DR 11  
9-11-15*

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

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

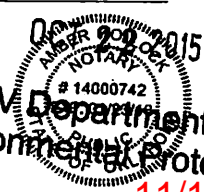
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Office of Oil and Gas

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

*[Signature]*

Notary Public WV Department of Environmental Protection

My commission expires 1/23/18



11/13/2015

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

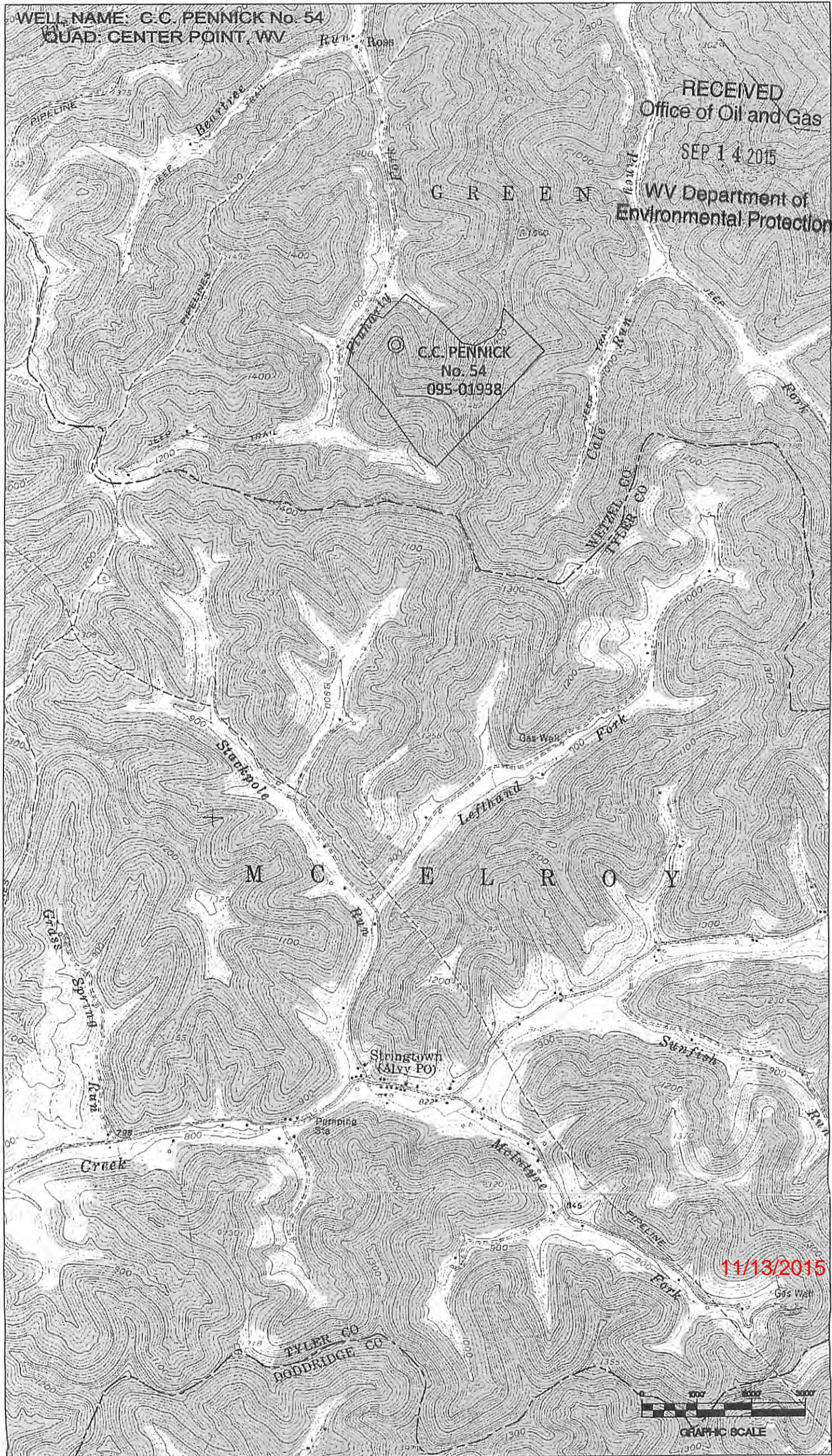
Field Reviewed?  Yes  No

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**Office of Oil and Gas**  
**OCT 22 2015**  
**WV Department of Environmental Protection**  
**10/13/2015**

WELL NAME: G.C. PENNICK No. 54  
QUAD: CENTER POINT, WV

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WV Department of  
Environmental Protection

C.C. PENNICK  
No. 54  
095-01938



11/13/2015



WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas  
**WELL LOCATION FORM: GPS**

API: 47-103-01970 WELL NO.: C.C. Pennick No. 54

FARM NAME: \_\_\_\_\_

RESPONSIBLE PARTY NAME: Ascent Resources - Marcellus LLC

COUNTY: Wetzel DISTRICT: Green

QUADRANGLE: Center Point, WV

SURFACE OWNER: WV Dept. of Natural Resources - Division of Commerce

ROYALTY OWNER: Ascent Resources - Marcellus LLC

UTM GPS NORTHING: 4370369.9

UTM GPS EASTING: 526081.0 GPS ELEVATION: 1259.05'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS  : Post Processed Differential \_\_\_\_\_

Real-Time Differential \_\_\_\_\_

Mapping Grade GPS \_\_\_\_\_ : Post Processed Differential \_\_\_\_\_

Real-Time Differential \_\_\_\_\_

4. **Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

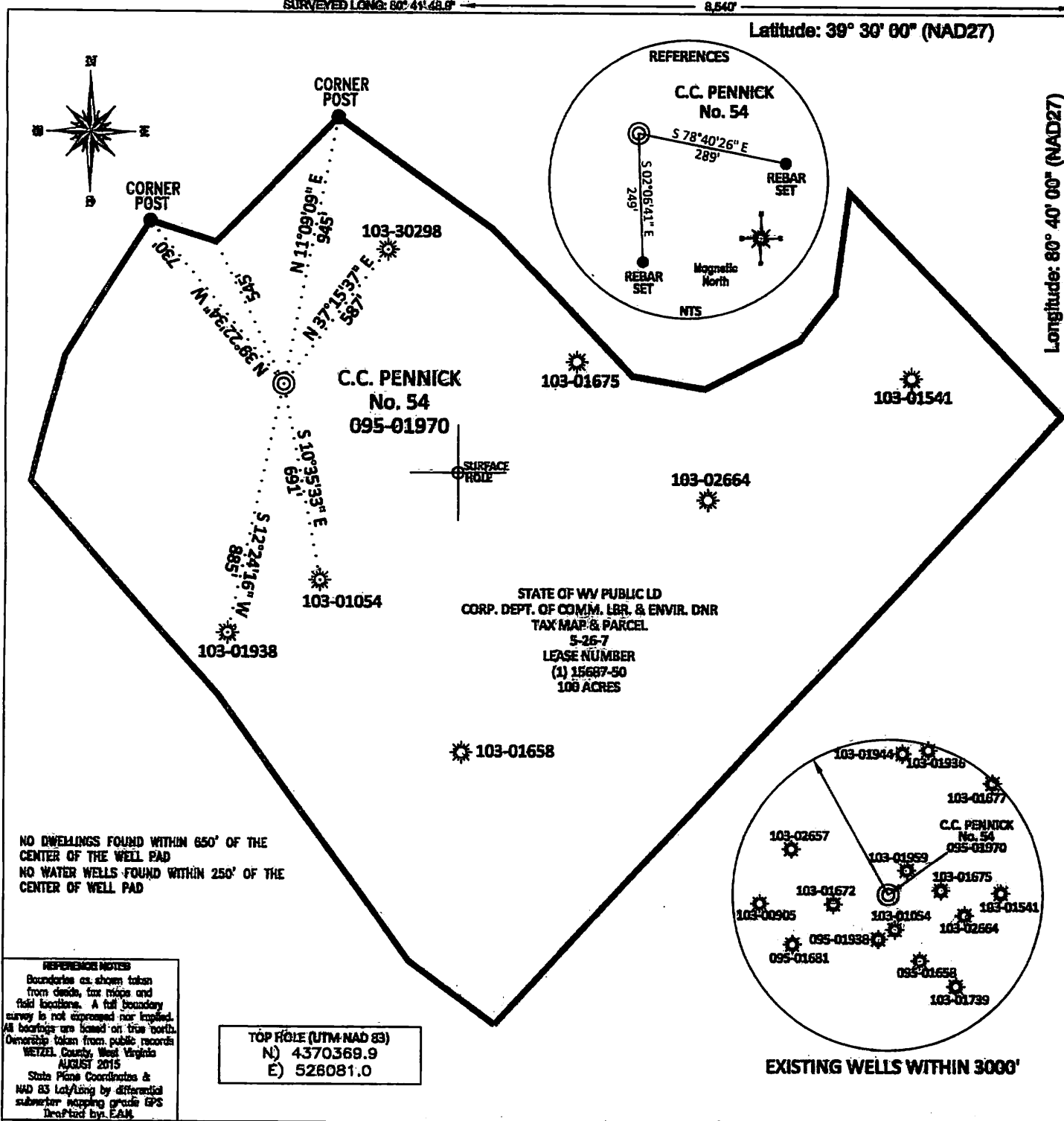
  
Signature

Sr. Regulatory Analyst

Title

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11/13/2015



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

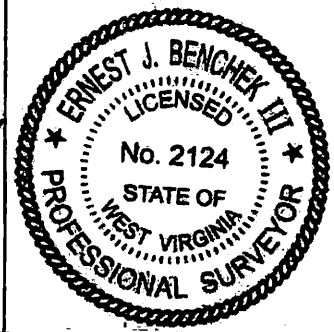
STATE OF WV PUBLIC LD  
CORP. DEPT. OF COMM. LBR. & ENVIR. DNR  
TAX MAP & PARCEL  
5-25-7  
LEASE NUMBER  
(1) 15687-50  
100 ACRES

**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  
State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS Drafted by: E.A.M.

FILE #: AE003  
DRAWING #: 2592  
SCALE: PLAT - 1" = 500'  
TICK MARK - 1" = 2000'  
MINIMUM DEGREE OF ACCURACY: 1/200  
PROVEN SOURCE 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 57TH STREET  
CHARLESTON, WV 25304

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

DATE: AUGUST 27, 2015  
OPERATOR'S WELL #: C.C. PENNICK No. 54  
API WELL #: 47 103 01970  
STATE COUNTY PERMIT

WATERSHED: FISHING CREEK ELEVATION: 1259.05'  
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 +1/13/2015  
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

10301970P

SURFACE HOLE DEC. LONG: 80.696912  
SURVEYED LONG: 80° 41' 48.9"

8,540'

Latitude: 39° 30' 00" (NAD27)

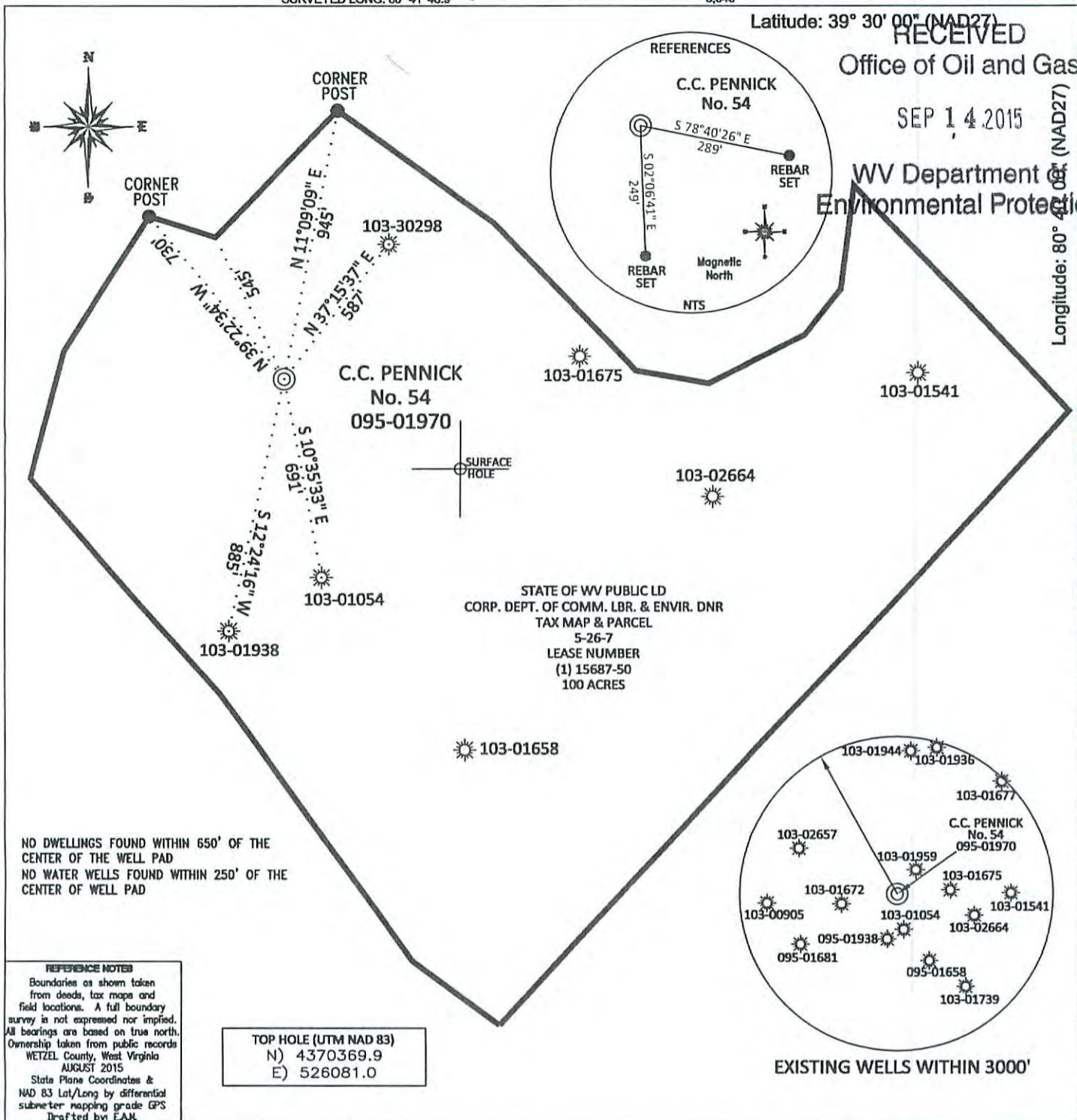
RECEIVED  
Office of Oil and Gas

SEP 14 2015

WV Department of  
Environmental Protection

Longitude: 80° 41' 48.9" (NAD27)

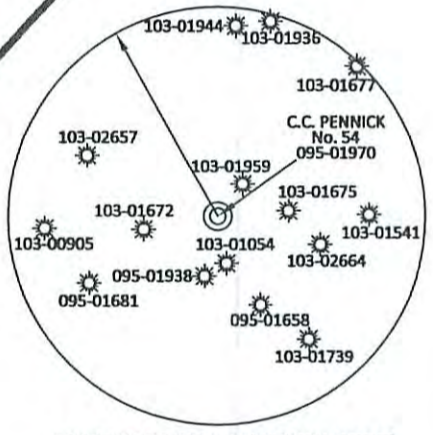
SURFACE HOLE DEC. LAT: 39° 28' 58.8"  
SURVEYED LAT: 39° 28' 58.8"



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

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

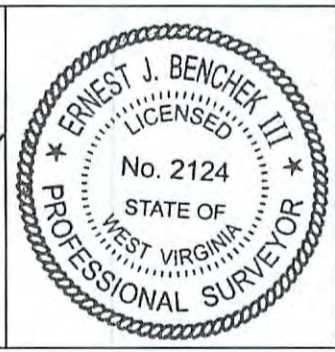
TOP HOLE (UTM NAD 83)  
N) 4370369.9  
E) 526081.0



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  
State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS  
Drafted by EAJL

FILE #: AE003  
DRAWING #: 2592  
SCALE: PLAT - 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 57TH STREET  
CHARLESTON, WV 25304

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

WATERSHED: FISHING CREEK ELEVATION: 1259.05'  
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 +/11/13/2015  
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