



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

October 15, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-1100436, issued to ENERVEST OPERATING L. L. C., 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: 536
Farm Name: BECKETT, C. C.
API Well Number: 47-1100436
Permit Type: Plugging
Date Issued: 10/15/2014

Promoting a healthy environment.

10/17/2014

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.

1) Date _____, 20____
2) Operator's
Well No. C. C. Beckett #536
3) API Well No. 47-011 - 00436

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 X/ Liquid injection ____/ Waste disposal ____/
(If "Gas, Production ____ or Underground storage ____) Deep ____/ ShallowX

5) Location: Elevation 633' Watershed Kilgore Creek
District Grant County Cabell Quadrangle Hurricane (7.5) Milton (15)

6) Well Operator EnerVest Operating, L.L.C. 7) Designated Agent Barry K. Lay
Address 300 Capitol Street, Suite 200 Address Same
Charleston, WV 25301

8) Oil and Gas Inspector to be notified Name Jeremy James
Address PO Box 147
Ona, WV 25545
9) Plugging Contractor Name R. L. Wharton Enterprises LTD
Address 261 Shiloh Lane
Buckhannon, WV 26201

10) Work Order: The work order for the manner of plugging this well is as follows:

Mobilize equipment to site. Rig-up rig.

Measure in hole to TD. Trip in tubing to set a 200' cement plug from 2200' to 2000'.

Set gel spacers between plugs. Free point 7" casing. *Add Cement plug 1535-1435*

Set a 100' cement plug at ^{7" casing} free point. Place 100' cement plug at elevation = *650-550*

Pull free 7" casing. Set a 100 foot cement plug from 100 feet to surface.

Erect a monument with the API number attached. *date plugged*

Aqua Gell spacers between all plugs.

Note: Well records included.

Must Attempt to pull 10in. + 13in.



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

RECEIVED
Office of Oil and Gas

Work order approved by inspector



Date

SEP 04 2014

WV Department of
Environmental Protection

10/17/2014



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. Cab-436

Oil or Gas Well Gas
(MHD)

Company West Virginia Gas Corporation
Address P. O. Box 1433, Charleston 26, W. Va.
Farm O. G. Beckett Trustee et al Acres 54⁷⁸
Location (waters) Kilgore Creek
Well No. 2 (Serial No. 636) Elev. 655.4 Or.
District Grant County Cabell
The surface of tract is owned in fee by J. P. Hinkle
Address Milton, W. Va.
Mineral rights are owned by O. G. Beckett Trustee et al
Address Milton, W. Va.
Drilling commenced February 2, 1946
Drilling completed April 9, 1946
Date Shot 4-8-46 From 2201 To 2251
With 1st shot 342# Gelatin
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 179,000 Cu. Ft.
Rock Pressure 445 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|----------------|
| Size | | | |
| 18 | | | Kind of Packer |
| 13 | 24" | 24" | |
| 10 | 377'4" | 88'4" | Size of |
| 8 1/2 | 1489'2" | - | |
| 7 1/2 | 1824' | 1824' | Depth set |
| 6 3/16 | | | |
| 2 | | | Perf. top |
| 2 | | | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Data _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|----------------|-------|--------------|-----|--------|-------------------|-------------|----------------|
| Red Rock | | | 0 | 20 | | | |
| Sand | | | 20 | 25 | | | |
| Red Rock | | | 25 | 60 | water | 60' | 2 Bbl. pr. hr. |
| Sand | | | 60 | 70 | | | |
| Red Rock | | | 70 | 80 | | | |
| Sand | | | 80 | 128 | | | |
| Slate | | | 125 | 130 | | | |
| Red Rock | | | 130 | 155 | | | |
| White Mud | | | 155 | 170 | | | |
| Red Rock | | | 170 | 200 | | | |
| Lime | | | 200 | 205 | | | |
| White Mud | | | 205 | 225 | | | |
| Red Rock | | | 225 | 275 | | | |
| Sand | | | 275 | 298 | | | |
| White Slate | | | 295 | 300 | | | |
| Red Rock | | | 300 | 310 | | | |
| White Slate | | | 310 | 315 | | | |
| Red Rock | | | 315 | 340 | | | |
| Sand | | | 340 | 345 | | | |
| Slate | | | 345 | 350 | | | |
| Red Rock | | | 350 | 355 | | | |
| White Slate | | | 355 | 380 | | | |
| Sand | | | 380 | 400 | | | |
| Slate | | | 400 | 450 | | | |
| Sand | | | 450 | 480 | | | |
| Slate | | | 480 | 485 | | | |
| Sand | | | 485 | 520 | water | 490' | 2 bailer |
| Slate | | | 520 | 570 | | | |
| Lime Hard | | | 570 | 580 | | | |
| Sand | | | 580 | 585 | water | 605' | Hole full |
| Red Rock | | | 585 | 585 | | | |
| Lime | | | 585 | 585 | | | |
| Slate & Shells | | | 585 | 585 | | | |
| Lime | | | 585 | 585 | | | |
| Slate | | | 585 | 585 | | | |
| Lime Hard | | | 585 | 585 | | | |

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|---------------|-------|--------------|-------------|--------|---------------------------------------|-------------|-----------------|
| Lime | | | 1070 | 1075 | | | |
| 1st Salt Sand | | | 1075 | 1340 | | | |
| Blue Mud | | | 1340 | 1345 | | | |
| Lime Hard | | | 1345 | 1370 | | | |
| 2nd Salt Sand | | | 1370 | 1405 | | | |
| Slate | | | 1405 | 1435 | | | |
| Maxton Sand | | | 1435 | 1465 | | | |
| Slate | | | 1465 | 1470 | | | |
| Big Lime | | | 1470 | 1630 | Ong. point | 1491' | SIM. |
| Keener Sand | | | 1630 | 1675 | | | |
| Slate | | | 1675 | 1700 | | | |
| Injun Sand | | | 1700 | 1785 | water | 1725' | 6 Bbls. |
| Slate Shell | | | 1785 | 2200 | | | |
| Brown Shale | | | 2200 | 2205 | Gas | 2205' | 10/10 W 1" - 3' |
| Berea Grit | | | 2205 | 2252 | | | |
| | | | Total Depth | 2252 | | | |
| | | | | | Shot 4-8-46 from 2201 to 2251 | | |
| | | | | | 542# Gelatin | | |
| | | | | | Before Shot 27 M - 1 hr. A.S. 8/10 W | | |
| | | | | | in 2" 115 M | | |
| | | | | | Shot: 4-8-46 from 2201 to 2251 | | |
| | | | | | 2000# Gelatin | | |
| | | | | | Before Shot 84 M - 30 min. A.S. 28/10 | | |
| | | | | | W in 3" - 484 M | | |
| | | | | | 1 hr. A.S. 22/10 | | |
| | | | | | W in 3" - 445 M | | |
| | | | | | 24 hr. A.S. 18/10 | | |
| | | | | | W in 2" - 179 M | | |
| | | | | | 48 hr. R. P. 445# | | |

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WEST VIRGINIA GAS CORPORATION

NAME OF COMPANY

WELL COMPLETION REPORT

Lease No. W-960 Farm Name C.O. Beckott Farm No. 110 Twp. Grant County Cabell State W. Va.
 SERIAL NO. 620 TUBED 110 TURNED IN LINE _____ METER No. _____

| PRODUCING SANDS | | | PAY | | SHOT RECORD | | | | |
|-----------------|------|--------|-------------|--------|-------------|------|------|----------|--------|
| SAND | TOP | BOTTOM | TOP | BOTTOM | EXPLOSIVE | FROM | TO | QUANTITY | DATE |
| Herea Grit | 2205 | 2231 | 2205 | 2231 | | | | | |
| | | | First Shot | | Gelatin | 2201 | 2231 | 342# | 4-8-46 |
| | | | Second Shot | | " | 2201 | 2231 | 2000# | 4-8-46 |

| PRODUCTION GAS | | | | PRODUCTION OIL | |
|----------------|---------|------------|---------------------------|----------------|--|
| SAND | NATURAL | AFTER SHOT | TUBED IN AT | | |
| Herea Grit | 33,000 | | | | |
| | | 119,000 | 1 hr. after first shot | | |
| | | 179,000 | 24 hrs. after second shot | | |
| | | | 179,000 in 7" O.D. Casing | | |

| MINUTE PRESSURES | | | | | | | ROCK PRESSURE | | | |
|------------------|--------|--------|--------|---------|---------|---------|---------------|---------|---------|--------|
| SAND | 1 MIN. | 3 MIN. | 5 MIN. | 10 MIN. | 15 MIN. | 30 MIN. | 60 MIN. | 24 HOUR | 48 HOUR | — HOUR |
| | 3# | 10# | 14# | 24# | 34# | 56# | 60# | 380# | 445# | |

| CASING RECORD | | | | TUBING RECORD | |
|---------------|-----------|---------|---------|---------------|----------|
| SIZE | CONDITION | RUN | PULLED | SIZE | No. FEET |
| 13" | (3) | 24' | None | | |
| 10" | (2) | 377'4" | 288' | | |
| 8" 28# | (2) | 1425'9" | 1425'9" | | |
| 8" 24# | (2) | 65'5" | 65'5" | | |
| 7" 22# | (2) | 655'9" | None | | |
| 7" 17# | (2) | 1158'2" | None | | |

| PUMPING OUTFIT | | | | |
|---|----------|---------|--------------|------------|
| SIZE TUB. | NO. JOBS | NO. FT. | FT. DEL. WB. | LENGTH WB. |
| FLOOD NIPPLE SET AT _____ | | | | |
| STYLE PUMPING OUTFIT _____ WIRE LINE (MAKE) _____ CASINGHEAD (MAKE AND SIZE) _____ _____ CORR. (SIZE & LENGTH) _____ GAS. ENG. (MAKE AND SIZE) _____ | | | | |

| SHUTTING IN MATERIAL USED AND REMARKS | |
|---------------------------------------|-------------------------------------|
| 2 - 2" Class 150 Plug Valves (1) | 1 - Home made shutting in Hipple |
| 2 - 2" Hipple (2) | |
| 1 - 1/2" Hipple (2) | 1 - 8" 28# Casing Shoe run & pulled |
| 1 - 2 x 1/2" Bushing (2) | |
| 1 - 1/2" Stop Cook (2) | |
| 1 - 1/2" Plug (2) | |
| 1 - 2" Heavy Tee (2) | |

DRILLED BY West Virginia Gas Corporation A. D. Johnson SIGNED
 DATE STARTED February 2, 1946 DATE COMPLETED April 9, 1946

NOTE: FORWARD DRILLERS LOG BOOK FOR USE OF GENERAL OFFICE TO TYPE FORMATION RECORD ON BACK OF THIS REPORT.

1100436P

WEST VIRGINIA GAS CORPORATION

Well No. 2 (Serial No. 536)

C. C. Beckett Trustee et al
Commenced - February 2, 1946
Drilled by - Company Tools
Permit No. Cab-436

Grant District, Cabell County, West Va.
Completed - April 9, 1946
Elevation - 633.4 Ground

| FORMATION | TOP | BOTTOM | FORMATION | TOP | BOTTOM |
|----------------|------------|---------------|--|------|--------|
| Red Rock | 0 | 20 | Lime | 636 | 665 |
| Sand | 20 | 25 | Slate & Shells | 665 | 860 |
| Red Rock | 25 | 80 | Lime | 860 | 890 |
| Sand | 60 | 70 | Slate | 890 | 945 |
| Red Rock | 70 | 80 | Lime Hard | 945 | 965 |
| Sand | 80 | 125 | Slate & Shells | 965 | 1065 |
| Slate | 125 | 130 | White Slate | 1065 | 1070 |
| Red Rock | 130 | 165 | Lime | 1070 | 1075 |
| White Mud | 155 | 170 | 1st Salt Sand | 1075 | 1340 |
| Red Rock | 170 | 200 | Blue Mud | 1340 | 1345 |
| Lime | 200 | 205 | Lime Hard | 1345 | 1370 |
| White Mud | 205 | 225 | 2nd Salt Sand | 1370 | 1405 |
| Red Rock | 225 | 275 | Slate | 1405 | 1435 |
| Sand | 275 | 295 | Maxton Sand | 1435 | 1465 |
| White Slate | 295 | 300 | Slate | 1465 | 1470 |
| Red Rock | 300 | 310 | Big Lime | 1470 | 1630 |
| White Slate | 310 | 315 | Keener Sand | 1630 | 1675 |
| Red Rock | 315 | 340 | Slate | 1675 | 1700 |
| Sand | 340 | 345 | Injun Sand | 1700 | 1785 |
| Slate | 345 | 350 | Slate Shell | 1785 | 2200 |
| Red Rock | 350 | 365 | Brown Shale | 2200 | 2205 |
| White Slate | 365 | 380 | Berea Grit | 2205 | 2232 |
| Sand | 380 | 400 | Total Depth | | 2232 |
| Slate | 400 | 450 | | | |
| Sand | 450 | 480 | Shot 4-5-46 from 2201 to 2231 342# Gelatin | | |
| Slate | 480 | 485 | Before Shot 27 M - 1 hr. A.S. 8/10 W in 2" 119 | | |
| Sand | 485 | 520 | | | |
| Slate | 520 | 570 | Shot 4-8-46 from 2201 to 2231 2000# Gelatin | | |
| Lime Hard | 570 | 580 | Before Shot 84 M - 30 min. A.S. 26/10 W in 3" | | |
| Sand | 580 | 630 | - 484 M | | |
| Red Rock | 630 | 635 | 1 hr. A.S. 22/10 W in 3" - 445 M | | |
| | | | 24 hr. A.S. 18/10 W in 2" - 179 M | | |
| | | | 48 hr. R.P. 445# | | |
| | | | Water @ 60° 2 bbl. per hr.; @ 490° 2 bailer | | |
| | | | Water @ 605° Hole full; 1726° 5 bbls. | | |
| | | | Gas 2208° 10/10 W 1" - 33 M | | |
| | | | Casing point 1491' S.L.M. | | |
| <u>CASING:</u> | <u>RUN</u> | <u>PULLED</u> | | | |
| 13" | 24' | 24' | | | |
| 10" | 377' 4" | 88' 4" | | | |
| 8 1/2" | 1489' 2" | " | | | |
| 7" | 1824' | 1824' | | | |

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WV Department of
Environmental Protection

10/17/2014

WW-4A
Revised 6-07

1) Date: _____
2) Operator's Well Number
C. C. Beckett #536

3) API Well No.: 47 - 011 - 00436

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 <u>Fred R. & Peggy L. Dailey</u> | Name _____ |
| Address <u>157 Dailey Lane</u> | Address _____ |
| <u>Milton, WV 25541-9453</u> | _____ |
| (b) Name _____ | (b) Coal Owner(s) with Declaration |
| Address _____ | Name <u>No Declaration of Record</u> |
| _____ | Address _____ |
| (c) Name _____ | Name _____ |
| Address _____ | Address _____ |
| _____ | _____ |
| 6) Inspector <u>Jeremy James</u> | (c) Coal Lessee with Declaration |
| Address <u>PO Box 147</u> | Name <u>No Declaration of Record</u> |
| <u>Ona, WV 25545</u> | Address _____ |
| Telephone <u>304-951-2596</u> | _____ |

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 EnerVest Operating, L.L.C.
 By: Barry K. Lay *Barry K Lay*
 Its: Senior Vice President and General Manager, Appalachia West Assets
 Address 300 Capitol Street, Suite 200
Charleston, WV 25301
 Telephone 304-343-5505

Subscribed and sworn before me this 11th day of August 2014
[Signature]
 My Commission Expires May 3, 2017



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.

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OFFICIAL USE

| | |
|---|---------|
| Postage | \$.70 |
| Certified Fee | 2.30 |
| Return Receipt Fee (Endorsement Required) | 2.70 |
| Restricted Delivery Fee (Endorsement Required) | |
| Total Postage & Fees | \$ 5.70 |



7059 9492 2000 0992 2002

Sent To Frank R. & Peggy L. Dailey ✓
 Street, Apt. No.,
 or PO Box No. 157 Dailey Lane
 City, State, ZIP+4 Milton, WV 25541-9453

PS Form 3800, August 2006 See Reverse for Instructions

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 WV Department of
 Environmental Protection

1100436P

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

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name EnerVest Operating, L.L.C. OP Code 30-9999

Watershed Kilgore Creek Quadrangle Hurricane (7.5) Milton (15)

Elevation 633' County Cabell District Grant

Description of anticipated Pit Waste: No Pit To Be Built

Will a synthetic liner be used in the pit? N/A

**ALL WELL EFFLUENT MUST
BE CONTAINED AND DISPOSED
OF PROPERLY.**

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 _____)

Proposed Work For Which Pit Will Be Used:

- Drilling
- Swabbing
- Workover
- Plugging
- Other (Explain No Pit To Be Built)

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 *Barry K Lay*

Company Official (Typed Name) Barry K. Lay

Company Official Title Senior Vice President and General Manager, Appalachia West Assets

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Office of Oil and Gas

Subscribed and sworn before me this 11th day of August, 2014

SEP 04 2014

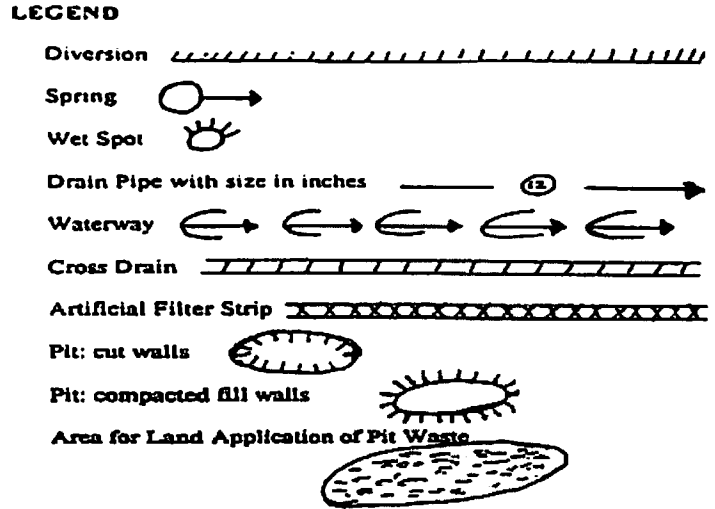
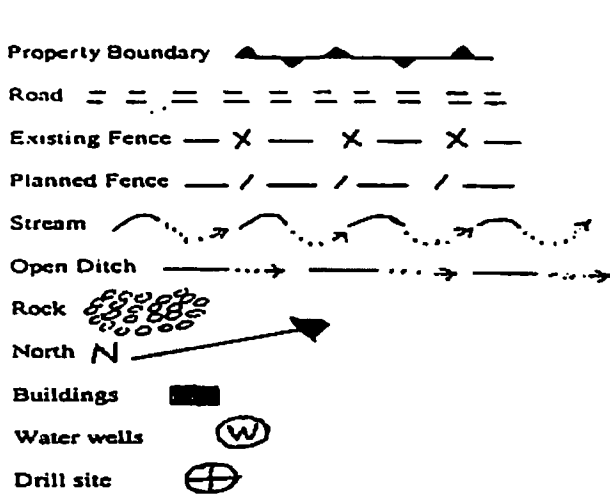
[Signature]

Notary Public
WV Department of
Environmental Protection

My commission expires May 3, 2017



10/17/2014



Proposed Revegetation Treatment: Acres Disturbed 2.00 Prevegetation pH 6.5
 Lime according to pH test Tons/acre or to correct to pH 7.0
 Fertilizer (10-20-20 or equivalent) 500 lbs/acre (500 lbs minimum)
 Mulch Hay or Straw 2 Tons/acre

Seed Mixtures

| Area I | | Area II | |
|-------------------|----------|-------------------|----------|
| Seed Type | lbs/acre | Seed Type | lbs/acre |
| Orchardgrass | 25 | Orchardgrass | 25 |
| Birdsfoot Trefoil | 15 | Birdsfoot Trefoil | 15 |
| Ladino Clover | 10 | Ladino Clover | 10 |

Attach:
 Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

See Attached GPS Well Location Form: GPS WW-7

Plan Approved by: [Signature]

Comments: install sidemast fence along creek, install/or, and clean out existing drainage ditches/culverts

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Title: inspector OOG

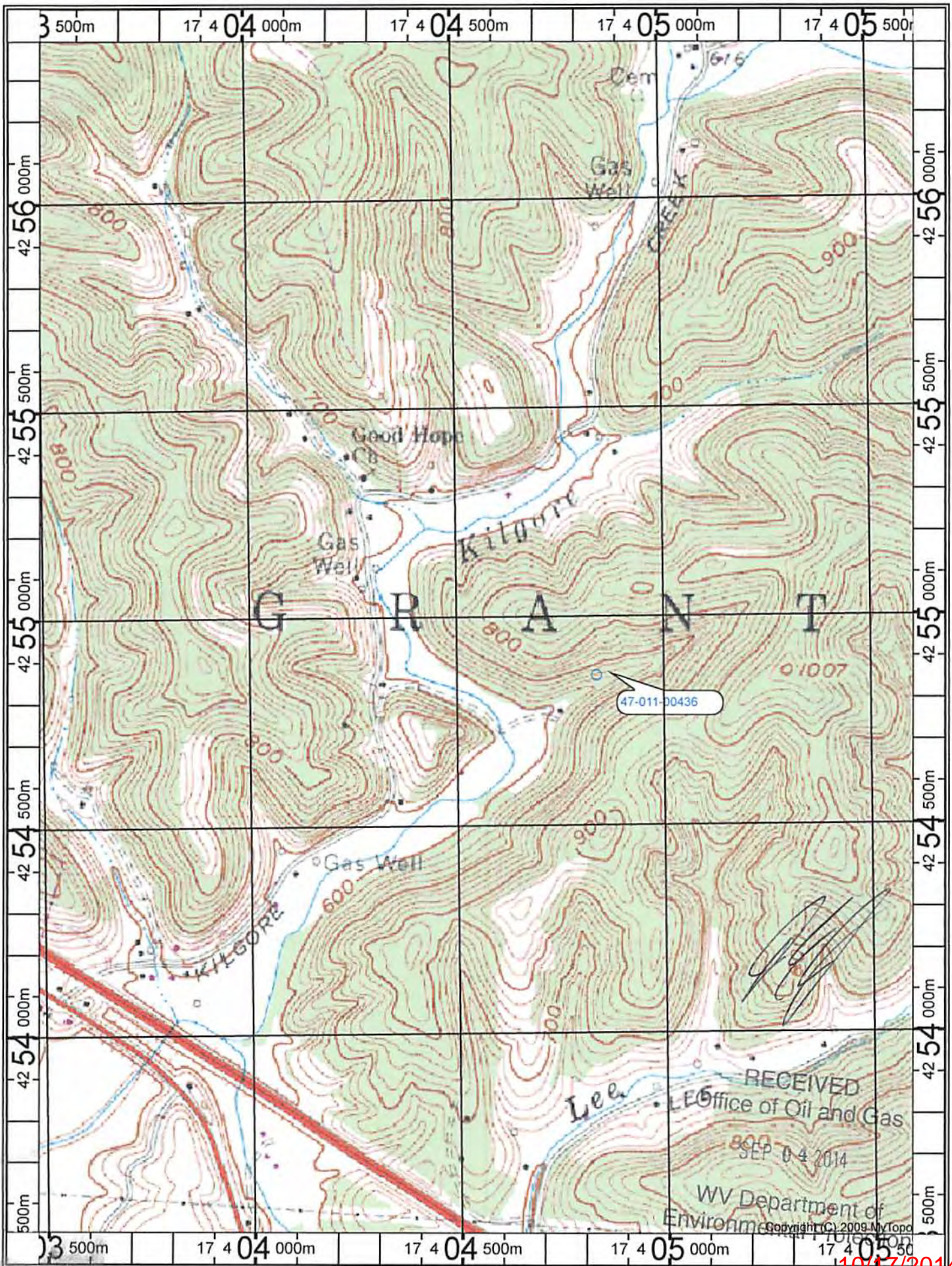
Date: 9-2-14

SEP 04 2014

Field Reviewed? Yes No

WV Department of
 Environmental Protection

10/17/2014



WW-7
8-30-06



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

API: 4701100436 WELL NO.: C.C. Beckett #536

FARM NAME: J. F. Hinkle

RESPONSIBLE PARTY NAME: Barry K. Lay

COUNTY: Cabell DISTRICT: Grant

QUADRANGLE: Hurricane (7.5) Milton (15)

SURFACE OWNER: Fred R. & Peggy L. Dailey

ROYALTY OWNER: C.C. Beckett Trustee et al

UTM GPS NORTHING: 4254861

UTM GPS EASTING: 404836.5 GPS ELEVATION: 633

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.

Barry K. Lay
Signature

Sr. VP, GM
Title

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Date

10/17/2014