



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

December 02, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-8101382, issued to ARP MOUNTAINEER PRODUCTION, 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: SD-5
Farm Name: SOUTHERN LAND COMPANY
API Well Number: 47-8101382
Permit Type: Plugging
Date Issued: 12/02/2014

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.
4. This well is under a consent order and must be plugged under the terms of that agreement.

1) Date October 10, 2014
2) Operator's
Well No. SD-5
3) API Well No. 47-081 - 1382-C

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 X or Underground storage) Deep / Shallow X

5) Location: Elevation 2,291.18' Watershed Harper Branch Sandlick Creek
District Clear Fork County Raleigh Quadrangle Eccles

6) Well Operator ARP Mountaineer Production, LLC 7) Designated Agent CT Corporation System
Address Park Place Corporate Center One Address 5400 D Big Tyler Road
1000 Commerce Drive 4th Floor, Pittsburg, PA 15275 Charleston, West Virginia 25313

8) Oil and Gas Inspector to be notified Name Gary Kennedy
Address P.O. Box 268
Nimitz, WV 25978
9) Plugging Contractor Name Universal Well Services
Address 5252 RT 1428
Allen, KY 41601

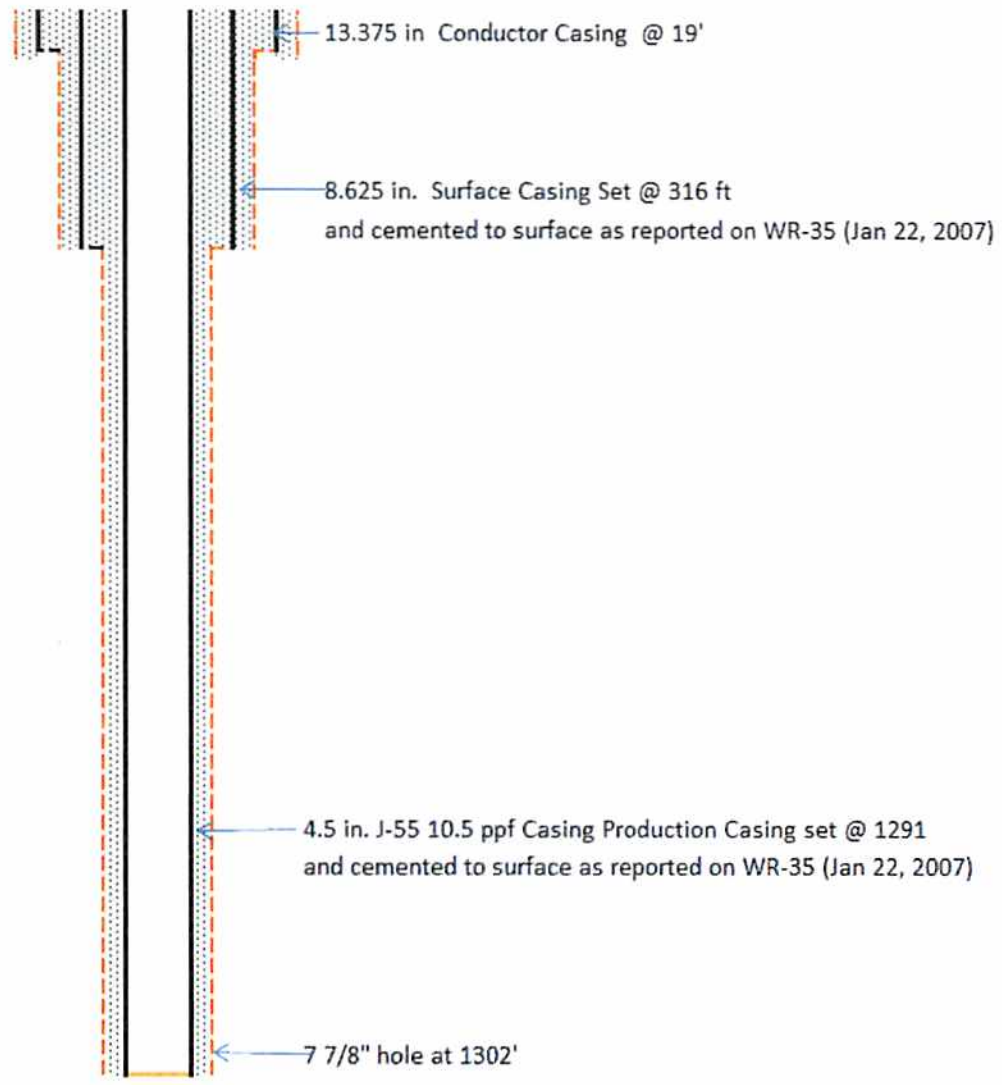
10) Work Order: The work order for the manner of plugging this well is as follows:
Move in rig up workover rig, pull out of hole with rods and pump, Lower tubing and tag bottom. 70-1302'
If fill is encountered, clean to as deep as reasonably achievable below lowermost coal. Set tubing +/- 2' from bottom.
Spot 45 cu. ft. of expanding cement (50/50 PozMix with 10% salt, 2% bentonite, < 3% CaCl). Pull tubing up to 100' from surface.
Wait minimum 4 hrs or more time necessary for cement to be hard enough to tag. Tag top of cement to verify that it is at least 1100'.
Circulate approx. 75 cu. ft of expanding cement (see above) form 1100' to surface.
Pull out of the hole with tubing and top off with expanding cement.
Set permanent marker, reclaim location to WVDEP specifications.

Received
OCT 24 2014

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

Work order approved by inspector Gary Kennedy Date 10/28/14
Office of Oil and Gas
WV Dept. of Environmental Protection

SD #5
Plug and Abandon Schematic
API# 47-081-01382



Received

OCT 24 2014

Office of Oil and Gas
WV Dept. of Environmental Protection
12/05/2014

State of West Virginia
Division of Environmental Protection
Section of Oil & Gas
Well Operator's Report of Well Work

Farm name: Southern Land Company

Operator Well No: SD-5

Location: Elevation: 2298.72'

Quadrangle: Eccles

District: Clear Fork

County: Raleigh

Latitude: 4852 Feet South of 37 Deg. 50 Min. 00 Sec.

Longitude: 9204 Feet West of 81 Deg. 15 Min. 00 Sec.

Company: Amvest Gas Resources, Inc.
One Boar's Head Pointe
Charlottesville, VA 22903

Agent: Chris Butler

Inspector: Terry Urban
Permit Issued: 08-15-05

Well Work commenced: 03-14-06

Well Work completed: 03-18-06

Verbal plugging

Permission granted on:

Rotary x Cable _____ Rig

Total depth (ft) 1312

Fresh water depths (ft) N/A

Salt water depths (ft) N/A

Is coal being mined in the area (Y/N)? N

Coal depths (ft): 548-49', 552-55', 919-21', 1136-40', 1145'47', 1148-50'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill up Cu.ft.
13.375		19	
8.625		316	CTS
4.500		1,291	CTS
2.375		1,221	

OPEN FLOW DATA

Producing formation Pocahontas #3

Pay zone depth(ft) 1,136.4 - 1,140.1

Gas: Initial open flow TSTM Mcf/d

Oil: Initial open flow _____ Bbl/d

Final open flow 12.5 Mcf/d

Final open flow _____ Bbl/d

Time of open flow between initial and final tests: _____ hours

Static rock pressure 205 psig (surface pressure) after 12 hours

Second Producing formation Pocahontas #2

Pay zone depth 1,145.0 - 1,149.9

(ft) Gas: Initial open flow _____ Mcf/d

Oil: Initial open flow _____ Bbl/d

Final open flow 12.5 Mcf/d

Final open flow _____ Bbl/d

Time of open flow between initial and final tests: _____ hours

Static rock pressure 205 psig (surface pressure) after 12 hours

Third 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.

[Handwritten signature]

For: Amvest Gas Resources, Inc.

By: _____

Date: _____

OCT 24 2014
Office of Oil and Gas
WV Dept. of Environmental Protection

12/05/2014

Details of Perforated Intervals, Fracturing or Stimulation, Physical Change, Etc. -
 Breakdown w/500 gal 15% FE acid & Stimulated w/N₂ Foam containing 319 sxs 16-30 sand proppant, 451
 MScf N₂ & 216 Bbls H₂O

Pre - Stim		
ISIP	(PSIG)	1,103
FG	(PSI/FT)	1.40
Post - Stim		
ISIP	(PSIG)	1,919
FG	(PSI/FT)	1.97
Proppant Conc		
Max	(LBS/GAL)	3.41
Avg	(LBS/GAL)	1.10
Pressure		
Max	(PSIG)	3,749
Avg	(PSIG)	2,965

Well Log & Geologic Record - Depths from G.L.

Lithology	Depth in feet	
	Top	Bottom
Casing	0	310
Sandstone	310	380
Siltstone	380	445
Sandstone	445	480
Siltstone	480	548
Coal	548	549
Shale	549	552
Coal	552	555
Shale	555	600
Sandstone	600	722
Siltstone	722	744
Sandstone	744	910
Shale	910	919
Coal	919	921
Siltstone	921	1025
Shale	1025	1075
Sandstone	1075	1120
Shale	1120	1136
Coal	1136	1140
Shale	1140	1145
Coal	1145	1147
Shale	1147	1148
Coal	1148	1150
Sandstone	1150	1219
Siltstone	1219	1232
Sandstone	1232	1302
	TD	
	1302	

Received

OCT 24 2014

Office of Oil and Gas
 WV Dept. of Environmental Protection

12/05/2014

8101382 P

WW-4A
Revised 6-07

1) Date: October 10 2014
2) Operator's Well Number SD-5

3) API Well No.: 47 - 081 1382-C

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>Daniel McMillon et al</u>	Name <u>Black King Mine Development</u>
Address <u>300 Arlington Road</u>	Address <u>P.O. Box 271 300 Running Right Way</u>
<u>P.O. Box 214 Harper, WV 258510214</u>	<u>Julian WV 25529</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Southern Land Company, L.P.</u>
(c) Name _____	Address <u>300 Capitol Street Suite 1401</u>
Address _____	<u>Charleston, WV 25301</u>
6) Inspector <u>Gary Kennedy</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 268 Nimitz, WV 25978</u>	Name <u>Black King Mine Development</u>
Telephone <u>304-382-8402</u>	Address <u>P.O. Box 271 300 Running Right Way</u>
	<u>Julian WV 25529</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-m, 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 reverse side. However, you are not required to take any action at all.

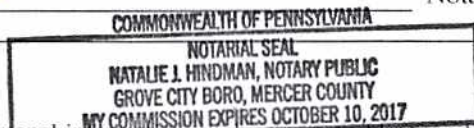
Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental 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 ARP Mountaineer Production, LLC
 By: Kirk Elkin
 Its: Senior Manager, Regulatory Compliance
 Address ARP Mountaineer Production, LLC
Park Place Corporate Center One 1000 Commerce Drive 4th Floor
 Telephone 724-301-9089

RECEIVED
Office of Oil and Gas

Subscribed and sworn before me this 14th day of October 2014
Natalie J. Hindman Notary Public

My Commission Expires _____
Oil and Gas Privacy Notice



OCT 24 2014
WV Department of Environmental Protection

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 depplivacyofficer@wv.gov.

12/05/2014

8101382CP



106 Ridgeview Way
Clinton, TN 37716
Telephone: 865.457.6844
Facsimile: 865.457.6827

October 22, 2014

Eddie Workman
Southern Land Company, L.P.
300 Capitol Street, Suite 1401
Charleston, WV 25301

RE: Plug and Abandon SD-5 Well
Raleigh County, West Virginia

Mr. Workman:

In preparation for plugging the SD-5, a vertical coalbed methane well API # 47-081-01382C, you are receiving this notice because you have been identified as a land owner and/or coal owner/lessee/operator, within the notification radius of the above mentioned well. Details of the plugging plan may be found in the enclosed plugging permit application.

If you should have any questions or concerns regarding this matter, please feel free to contact me at (865) 457-6844, ext. 106, or by email at kwishoun@atlasenergy.com.

Sincerely,

Keith Wishoun
Keith Wishoun
Land Manager
Atlas Energy

encl.

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OFFICIAL USE

Postage	\$ 11.40	12	Postmark here
Certified Fee	\$ 3.30		
Return Receipt Fee (Endorsement Required)	\$ 2.70		
Restricted Delivery Fee (Endorsement Required)	\$ 0.00		
Total Postage & Fees	\$ 17.40		10/22/2014

Sent To: Southern Land Company LP
Street, Apt. No. or PO Box No.: 300 Capitol St, Suite 1401
City, State, ZIP+4: Charleston WV 25301

PS Form 3800, August 2006 See Reverse for Instructions

RECEIVED
Office of Oil and Gas
OCT 24 2014
WV Department of
Environmental Protection

8101382CP



106 Ridgeview Way
Clinton, TN 37716
Telephone: 865.457.6844
Facsimile: 865.457.6827

October 22, 2014

Daniel McMillion, et al
300 Arlington Road,
P.O. Box 214,
Harper, WV 25851

RE: Plug and Abandon SD-5 Well
Raleigh County, West Virginia

Mr. McMillion:

In preparation for plugging the SD-5, a vertical coalbed methane well API # 47-081-01382C, you are receiving this notice because you have been identified as a land owner and/or coal owner/lessee/operator, within the notification radius of the above mentioned well. Details of the plugging plan may be found in the enclosed plugging permit application.

If you should have any questions or concerns regarding this matter, please feel free to contact me at (865) 457-6844, ext. 106, or by email at kwishoun@atlasenergy.com.

Sincerely,

Keith Wishoun
Keith Wishoun
Land Manager
Atlas Energy

encl.

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OFFICIAL USE

Postage	\$ 12.40	0716	
Certified Fee	\$ 3.30	12	
Return Receipt Fee (Endorsement Required)	\$ 2.70		Postmark here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00		
Total Postage & Fees	\$ 18.40		10/22/2014

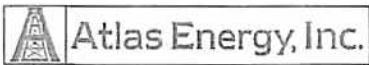
Sent To: Daniel McMillion, et al
Street, Apt. No. or PO Box No.: P.O. Box 214
City, State, ZIP+4: Harper WV 25851

PS Form 3800, August 2006 See Reverse for Instructions

7011 2000 0000 8484 2908

RECEIVED
Office of Oil and Gas
OCT 24 2014
WV Department of
Environmental Protection

8101382CP



106 Ridgeview Way
Clinton, TN 37716
Telephone: 865.457.6844
Facsimile: 865.457.6827

October 22, 2014

Black King Mine Development
300 Running Right Way,
P.O. Box 271,
Julian, WV 25529

RE: Plug and Abandon SD-5 Well
Raleigh County, West Virginia

To whom it may concern:

In preparation for plugging the SD-5, a vertical coalbed methane well API # 47-081-01382C, you are receiving this notice because you have been identified as a land owner and/or coal owner/lessee/operator, within the notification radius of the above mentioned well. Details of the plugging plan may be found in the enclosed plugging permit application.

If you should have any questions or concerns regarding this matter, please feel free to contact me at (865) 457-6844, ext. 106, or by email at kwishoun@atlasenergy.com.

Sincerely,

Keith Wishoun
Keith Wishoun
Land Manager
Atlas Energy

encl.

7011 2000 0000 8484 2915

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OFFICIAL USE

Postage	\$ 1.40	0716
Certified Fee	\$ 3.30	12
Return Receipt Fee (Endorsement Required)	\$ 2.70	10/22/2014 Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 7.40	10/22/2014

Sent To: *Black King Mine Development*
Street, Apt. No., or PO Box No.: *P.O. Box 271* ✓
City, State, ZIP+4: *Julian WV 25529*

PS Form 3800, August 2006 See Reverse for Instructions

RECEIVED
Office of Oil and Gas
OCT 24 2014
WV Department of
Environmental Protection

8101382.P

WW-9
Rev. 5/08

Page _____ of _____
API Number 47 - 081 - 01382-c
Operator's Well No. SD-5

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 ARP Mountaineer Production, LLC OP Code _____

Watershed Harper Branch Sandlick Creek Quadrangle Eccles

Elevation 2,291.18' County Raleigh District Clear Fork

Description of anticipated Pit Waste: Fresh Water, Produced Water, Bentonite, Cement

Will a synthetic liner be used in the pit? Open Top Tank *JK*

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
- _____ Workover
- _____ Other (Explain _____)
- _____ Swabbing
- Plugging

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 *Kirk K. Elkin*

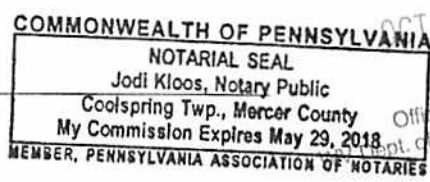
Company Official (Typed Name) Kirk K. Elkin

Company Official Title Senior Manager, Regulatory Compliance

Subscribed and sworn before me this 17 day of Oct, 20 14

Jodi Kloos Notary Public

My commission expires May 29, 2018

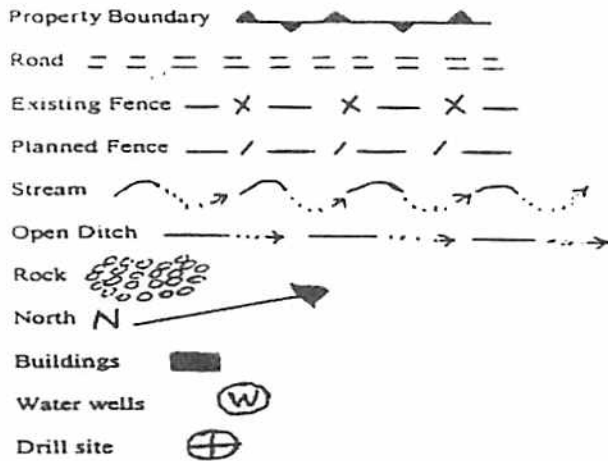


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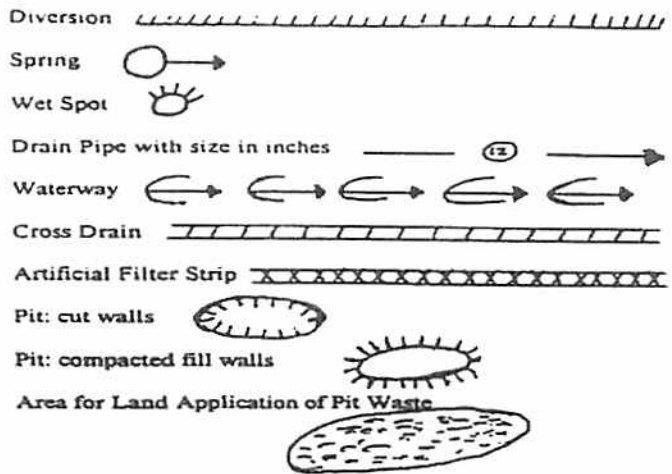
OCT 24 2014
Office of Oil and Gas
Department of Environmental Protection

12/05/2014

81013827



LEGEND



Proposed Revegetation Treatment: Acres Disturbed 0.5 Prevegetation pH 5-6.5
 Lime 2 Tons/acre or to correct to pH 6
 Fertilizer (10-20-20 or equivalent) 500 lbs/acre (500 lbs minimum)
 Mulch Hay / Straw Tons/acre

Seed Mixtures

Seed Type	Area I lbs/acre	Seed Type	Area II lbs/acre
Tall Fescue or Orchard Grass	40		
Annual Ryegrass	5		

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: [Signature]
 Comments: _____

Received

Title: Inspector Date: 10/24/14 OCT 24 2014

Field Reviewed? () Yes () No

Office of Oil and Gas
 WW Dept. of Environmental Protection

12/05/2014

8101382CP

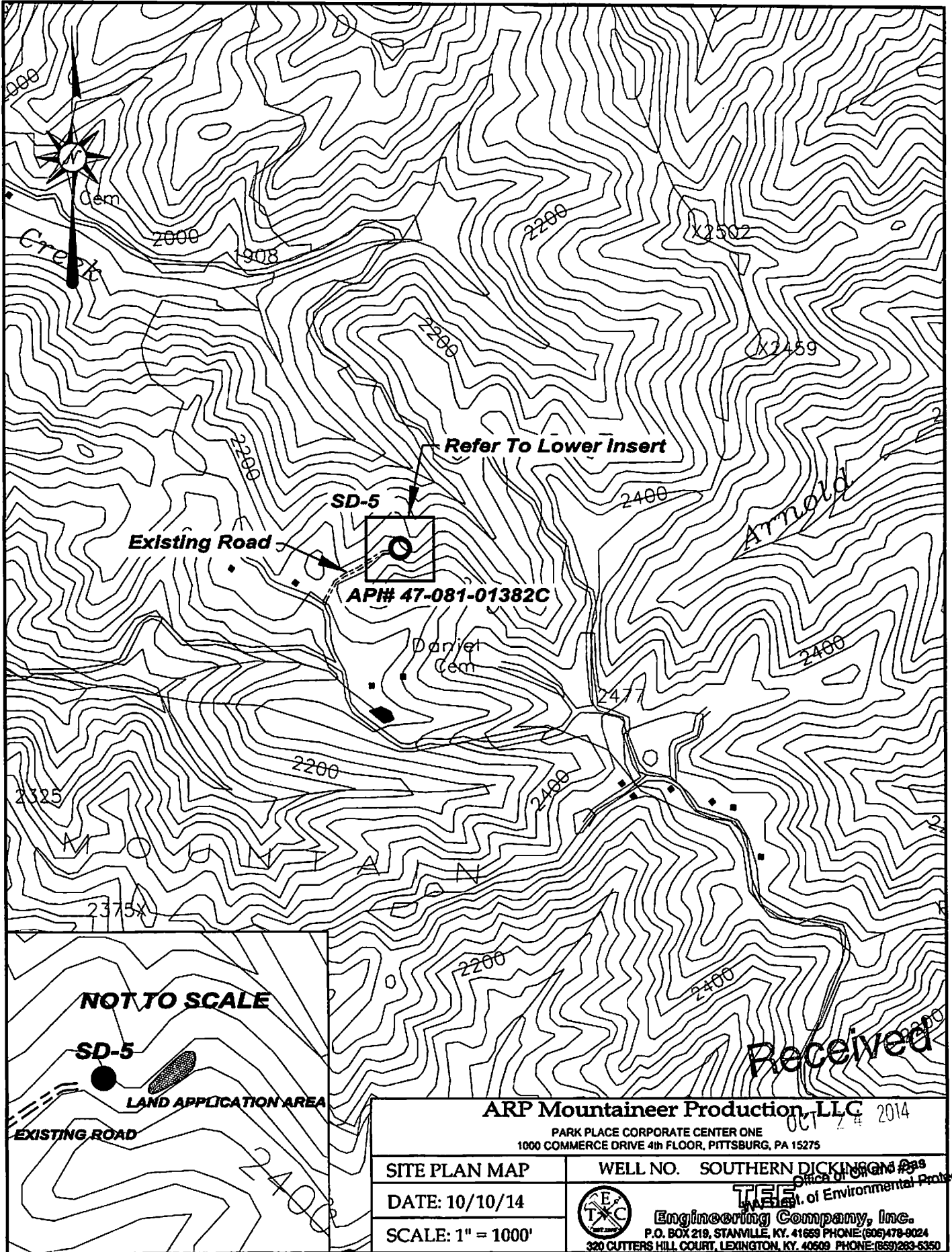


Received

OCT 24 2014 *ell*

Office of Oil and Gas
WV Dept. of Environmental Protection

12/05/2014



NOT TO SCALE

SD-5

LAND APPLICATION AREA

EXISTING ROAD

ARP Mountaineer Production, LLC

PARK PLACE CORPORATE CENTER ONE
1000 COMMERCE DRIVE 4th FLOOR, PITTSBURG, PA 15275

Received
OCT 24 2014

SITE PLAN MAP

DATE: 10/10/14

SCALE: 1" = 1000'

WELL NO. SOUTHERN DICKINSON #28



Engineering Company, Inc.

P.O. BOX 219, STANVILLE, KY. 41659 PHONE: (606) 478-9024
320 CUTTERS HILL COURT, LEXINGTON, KY. 40509 PHONE: (659) 283-5350

10/05/2014

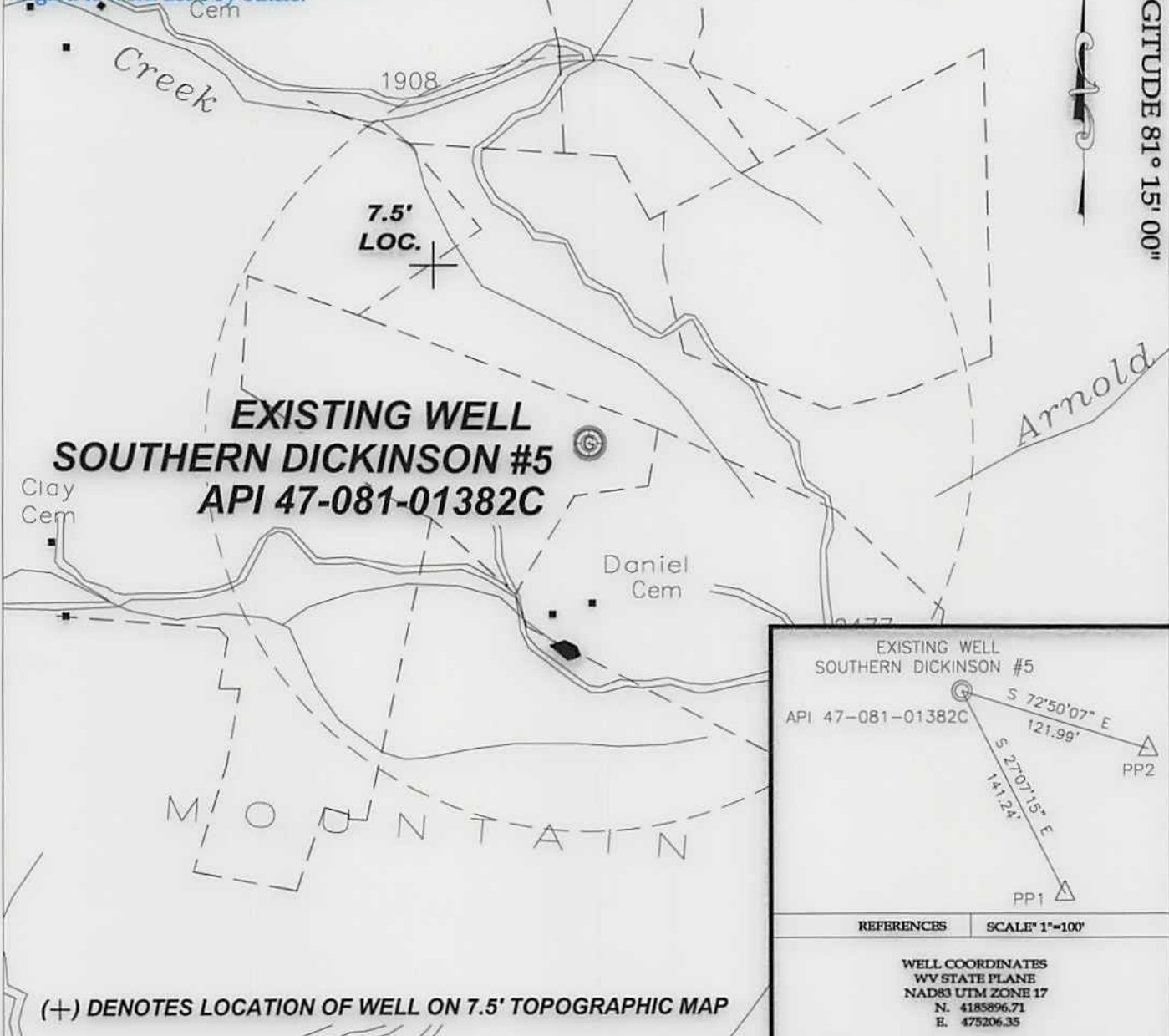
Note:
The property lines shown on the plan below were derived from the original location plat, by others. TEE Engineering Co., Inc., assumes no liability, and relinquishes no legal rights, in regard to work done by others.

9,210'

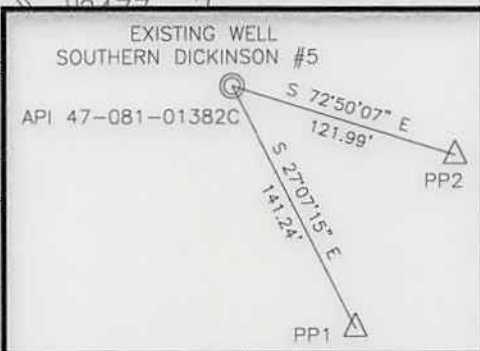
LATITUDE 37° 50' 00"

LONGITUDE 81° 15' 00"

4,842'



EXISTING WELL
SOUTHERN DICKINSON #5
API 47-081-01382C



REFERENCES SCALE 1"=100'

WELL COORDINATES
WV STATE PLANE
NAD83 UTM ZONE 17
N. 4185896.71
E. 475206.35

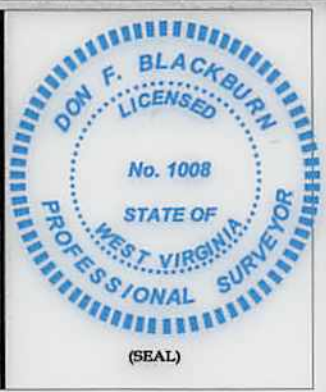
(+) DENOTES LOCATION OF WELL ON 7.5' TOPOGRAPHIC MAP

TEE Engineering Company, Inc.
P.O. BOX 219, STANVILLE, KY. 41659 PHONE: (606) 478-9024
320 CUTTERS HILL COURT, LEXINGTON, KY. 40509 PHONE: (859) 263-6350
ARP Mountaineer Production, LLC
Well No. Southern Dickinson #5
FILE NO. 1883-00
DRAWING NO. SD-5 PLUGGING PLAT
SCALE: 1" = 1,000'
MIN. DEGREE OF ACCURACY 1 : 2,500
PROVEN SOURCE OF ELEVATION
GPS STATION TEC-1 (ELEV. 2406.60)

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 MINES.

Don F. Blackburn
(SIGNATURE)

R.P.E. _____ R.P.S. 1008



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

DATE OCTOBER 10, 2014
OPERATOR'S WELL NO. SOUTHERN DICKINSON #5

API WELL NO. 47 - 081 - 01382C P
STATE COUNTY PERMIT

WELL TYPE: OIL GAS X CBM LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 2,291.18' NORTHING 4185896.71 EASTING 475206.35 ZONE 17 NAD83 UTM
DISTRICT CLEAR FORK WATER SHED HARPER BRANCH OF SANDLICK CREEK
QUADRANGLE ECCLES COUNTY RALEIGH

SURFACE OWNER DANIEL McMILLION et al ACREAGE 30.75
CBM ROYALTY OWNER SOUTHERN LAND COMPANY L.P. LEASE ACREAGE 806.11
LEASE NO. _____

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR
STIMULATE PLUG OFF OLD FORMATION PEFORATE NEW
FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION POCAHONTAS 2 & 3 ESTIMATED DEPTH 1,220'
WELL OPERATOR ARP MOUNTAINEER PRODUCTION, LLC DESIGNATED AGENT CT CORPORATION SYSTEM
ADDRESS PARK PLACE CORPORATE CENTER ONE ADDRESS 5400 D BIG TYLER ROAD
1000 COMMERCE DRIVE 4th FLOOR, PITTSBURG, PA 15275 CHARLESTON, WV 25313

12/05/2014

October 22, 2014

Mr. Gene Smith
West Virginia Department of
Environmental Protection
Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304-2345

Re: ARP Mountaineer Production, LLC - Application for Plugging Permit
47-081-01382C Well Name – SD #5

Dear Mr. Smith,

On behalf of ARP Mountaineer Production, LLC, please find attached for the above referenced plugging permit application the following :

- 1.) Original Plugging Permit Application
- 2.) Notification Mail Receipts.

Please note that the permit fee has been paid directly by ARP Mountaineer Production, LLC. Should there be any questions regarding this matter, please contact me at our Stanville office (606-478-9024 ext 450) or contact Rocky Stilwell (276-963-2976 ext 241).

Sincerely,



Tim W. Blackburn, V.P.
TEE Engineering Co., Inc.

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