



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Earl Ray Tomblin , Governor
Randy C. Huffman , Cabinet Secretary
www.dep.wv.gov

Thursday, November 03, 2016
WELL WORK PERMIT
Coal Bed Methane Well / Plugging - 2

EQT PRODUCTION COMPANY
120 PROFESSIONAL PLACE
BUILDING II
BRIDGEPORT, WV 26330

Re: Permit approval for WVC 510557
47-047-02170-00-00

This well work permit 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 any additional specific 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.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: WVC 510557
Farm Name: POCAHONTAS LAND CORP.
U.S. WELL NUMBER: 47-047-02170-00-00
Coal Bed Methane Well / Plugging - 2
Date Issued: 11/3/2016

Promoting a healthy environment.

11/04/2016

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 within two years of the date of issuance of this permit.

Agreed Order 4702170P

Form WW-4 (B)
Permit Copy
(Rev 2/01)

Date: July 12, 2016
Operator's Well
Well No. 510557 (Pocahontas Land Corp. WVC 510557)
API Well No.: 47 047 - 02170

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

CK# 20662
400.00
(u)

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) Elevation: 1678 ft. Watershed: Panther Creek
Location: Sandy River County: McDowell Quadrangle: Patterson
District:

6) Well Operator: EQT Production Company
120 Professional Place
Address: Bridgeport, WV 26330
7) Designated Agent: Rex C. Ray
Address: 120 Professional Place
Bridgeport, WV 26330

8) Oil & Gas Brian Ferguson BKF
Name: 708 Manor Drive
Address: Beckley, WV 25801
9) Plugging Contractor:
Name: HydroCarbon Well Service
Address: PO BOX 995
Buckhannon, WV 26201

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

See Attachment for details and procedures.

SEE ATTACHED

Received
Office of Oil & Gas
JUL 13 2016

OFFICE USE ONLY

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

Work order approved by inspector Brian K Ferguson Date 8/15/16

11/04/2016

PLUGGING PROGNOSIS

Pocahontas Land Co.
 CBM Well
 (510557)
 District, Sandy River
 McDowell Co. WV
 API # 47-047-02170
 BY: R. Green
 DATE: 10/29/15

CURRENT STATUS:

Elevation @ 1672'
 TD @ 1882'
 13" csg at 37'
 7" csg @ 550'
 4 1/2" csg @ 1849' (CTS)
 Fresh Water @ 48', 50', & 123'
 Coal, @ 20' to 21', 23' to 25', 63' to 65', 112' to 123', 794' to 797', 834' to 837', 867' to 870', 968' to 969', 1128' to 1132', 1248' to 1252', 1304' to 1308'.
 Saltwater @ 350' & 582'
 Perforations @ 634' to 872' (36 holes), 936' to 1134' (37 holes), 1188' to 1268' (38 holes), 1304' to 1487' (32 holes), 1534' to 1651' (32 holes).

PULL 2 3/8"

1. Notify State Inspector, Brian Ferguson, @ 304-550-6265, 48 hrs. prior to commencing operations.
2. TIH check TD.
3. RIH tbg to 1750', set 480' expanding cement plug, 1750' to 1270'. WOC 4hrs. Tag TOC, add additional expanding cement if necessary.
4. TOOH tbg to 1270', set 390', expanding cement plug from 1270' to 880'. WOC 4 hrs. Tag TOC, add additional expanding cement if necessary.
5. TOOH tbg to 880', set 380' expanding cement plug 880' to 500', WOC 4 hrs. Tag TOC of cement, add additional expanding cement if necessary.
6. TOOH tbg to 500', gel hole 500' to 200'.
7. TOOH tbg to 200', set 200' CIA cement plug 200' to surface.
8. Erect monument with API#, company name, company 6 digit ID #, and date plugged.
9. Reclaim location and road to WV-DEP specifications.

OK
 gmm

BKF

Received
 Office of Oil & Gas
 JUL 13 2016

11/04/2016

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

API # 4704702170

Farm Name Pocahontas Land Corp. Well Number 510557
 Location Elevation 1,672 Quadrangle McDowell
District Sandy River County McDowell, WV
 Latitude 2440 FSL Degree 37.00 Minute 22.00 Second
 Longitude 2000 FWL 81.00 52.00 30.00

Company Equitable Production Company
1710 Pennsylvania Avenue Charleston,
WV 25328
 Agent Todd Tetrick
 Inspector Barry Stollings
 Permit Issued 06/13/2006
 Well Work Commenced 11/15/2006
 Well Work Completed 01/10/2007
 Verbal Plugging
 Permission granted or _____
 Rotary Rig Cable Rig _____
 Total Depth 1,882

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cubic Ft
13 3/8	37	37	
7	550	550	119.20
4 1/2	1,849	1,849	266.00
2 3/8		1,736	

Water Encountered

Type	From
Fresh water	damp @ 48'
Fresh water	3" @ 50'
Fresh water	2" @ 123'
Salt Water	1-1/2" @ 350'
Salt Water	3"-4" @ 582', damp @ 1670'

Coal & Open Mines

Type	From
Coal	20'-21', 23'-25', 63'-65'
Coal	112'-118', 118'-123', 794'-797'
Coal	834'-837', 867'-870', 968'-969'
Coal	1128'-32', 1248'-52', 1304'-08'

Open Flow Data

Producing Formation Poca #3,4,5, Leader ; Poca #7,9 ; Little fire creek/no name ; Beckley/Welch ; Sewell A&B/No Name ; Pay Zone Depth (ft): See attached for details

Gas: Initial Open Flow 0 MCF 12/17/06 Date Oil: Initial Open Flow _____ Bbl/d
 Final Open Flow 60 MCF 01/10/2007 Date Final Open Flow _____

Time of open flow between initial and final tests 0 hours
 Static Rock Pressure 200 after 0 hours

Second Producing Formation _____ Pay Zone Depth (ft) _____

Gas: Initial Open Flow _____ MCF _____ Date Oil: Initial Open Flow _____ Bbl/d
 Final Open Flow _____ MCF _____ Date Final Open Flow _____

Time of open flow between initial and final tests _____ hours
 Static Rock 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, a systematic detailed geological record of all formations including coal encountered in the well bore

For Equitable Production Company
 By Todd Tetrick
 Date 5/29/07

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 Office of Oil & Gas
 JUL 13 2016

11/04/2016

4702170P

Well Number 510557

**Equitable Production Company
WR-35 Completion Report - Attachment
Well Treatment Summary**

API # 4704702170

Stage1		Stage2		Stage3		Stage4		Stage5	
Date	12/30/2006	Date	12/30/2006	Date	12/30/2006	Date	12/30/2006	Date	12/30/2006
FracTyp	70Q Foam	FracTyp	70Q Foam	FracTyp	70Q Foam	FracTyp	70Q Foam	FracTyp	70Q Foam
Zone	Poca # 3,4,5, Leader	Zone	Poca #7,9	Zone	Little fire creek/no name.	Zone	Beckley/Welch	Zone	Sewell A&B/No Name A&B
# of Perfs	32	# of Perfs	32	# of Perfs	38	# of Perfs	37	# of Perfs	36
From/To	1,534- 1,651	From/To	1,304- 1,487	From/To	1,188- 1,268	From/To	936- 1,134	From/To	634- 872
BD Press	2,300	BD Press	3,800	BD Press	2,410	BD Press	2,994	BD Press	2,759
ATP Psi	2,653	ATP Psi	0	ATP Psi	3,397	ATP Psi	2,469	ATP Psi	2,518
Avg Rate	10	Avg Rate	0	Avg Rate	40	Avg Rate	39	Avg Rate	28
Max Press Psi	2,899	Max Press Psi	0	Max Press Psi	3,634	Max Press Psi	2,986	Max Press Psi	2,878
ISIP Psi	1,559	ISIP Psi	0	ISIP Psi	0	ISIP Psi	0	ISIP Psi	1,554
10min SIP	1,539 5 min.	10min SIP	0 5 min.	10min SIP	0 5 min.	10min SIP	0 5 min.	10min SIP	759 5 min.
Frac Gradient	0.00	Frac Gradient	0.00	Frac Gradient	0.00	Frac Gradient	0.00	Frac Gradient	0.00
Sand Proppant	0.57	Sand Proppant	0.00	Sand Proppant	47.00	Sand Proppant	66.00	Sand Proppant	42.00
Water-hbl	203	Water-hbl	0	Water-hbl	172	Water-hbl	233	Water-hbl	190
SCF N2	339,000	SCF N2	0	SCF N2	320,000	SCF N2	354,000	SCF N2	270,000
Acid-gal	700 gal 10%MSA	Acid-gal	0 gal	Acid-gal	700 gal 10%MSA	Acid-gal	700 gal 10%MSA	Acid-gal	400 gal 10%MSA

Formation Name	Depth To	Depth Bottom	Formation Thick
Sand & Shale	0.00	20	20.00
Coal	20.00	21	1.00
Sand & Shale	21.00	23	2.00
Coal	23.00	25	2.00
Sand & Shale	25.00	63	38.00
Coal	63.00	65	2.00
Sand & Shale	65.00	118	53.00
Coal	118.00	123	5.00
Sand & Shale	123.00	363	240.00
Open Mine	363.00	368	5.00
Lost Circulation	368.00	547	179.00
Sand & Shale	547.00	794	247.00
Coal	794.00	797	3.00
Sand & Shale	797.00	834	37.00
Coal	834.00	837	3.00
Sand & Shale	837.00	867	30.00
Coal	867.00	870	3.00
Sand & Shale	870.00	934	64.00
Welch	934.00	940	6.00
Sand & Shale	940.00	964	24.00
Coal	964.00	968	4.00
Sand & Shale	968.00	1,128	160.00
Beckley	1,128.00	1,132	4.00
Sand & Shale	1,132.00	1,248	116.00
Fire Creek	1,248.00	1,252	4.00
Sand & Shale	1,252.00	1,304	52.00
Lower Fire Creek	1,304.00	1,308	4.00
Sand & Shale	1,308.00	1,484	176.00
Poca #6	1,484.00	1,488	4.00
Sand & Shale	1,488.00	1,533	45.00
Poca #4	1,533.00	1,537	4.00
Sand & Shale	1,537.00	1,593	56.00
Poca #3	1,593.00	1,596	3.00
Sand & Shale	1,596.00	1,633	37.00
Poca #2	1,633.00	1,636	3.00
Sand & Shale	1,636.00	1,664	28.00
Poca #1	1,664.00	1,666	2.00
Sand	1,666.00	1,713	47.00
Squire Jim	1,713.00	1,715	2.00
Sand & Shale & Red Ro	1,715.00	1,880	165.00

Gas Tests

Depth Remarks

Received
Office of Oil & Gas
JUL 13 2016

11/04/2016

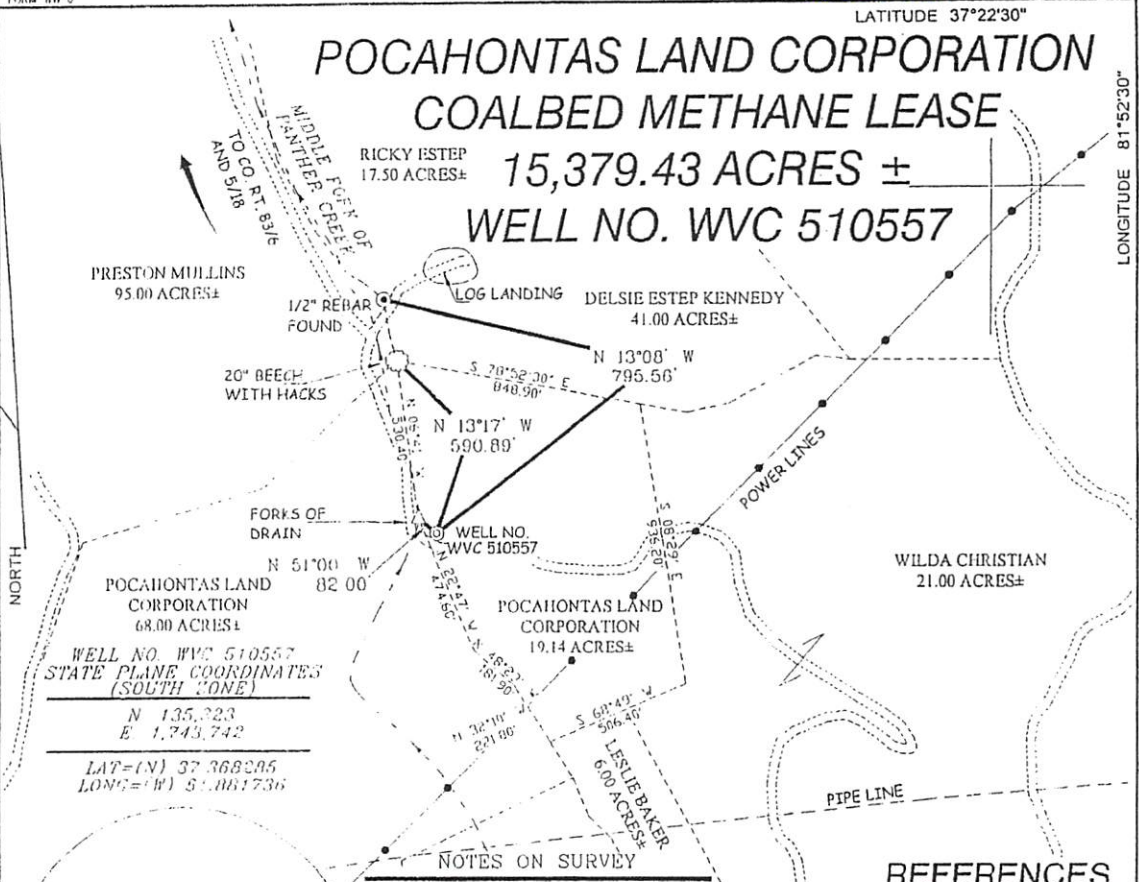
POCAHONTAS LAND CORPORATION COALBED METHANE LEASE

RICKY ESTEP
17.50 ACRES±

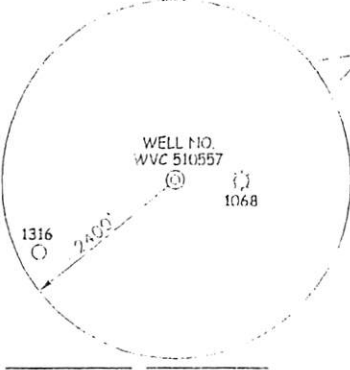
15,379.43 ACRES ±

WELL NO. WVC 510557

LONGITUDE 81°52'30"



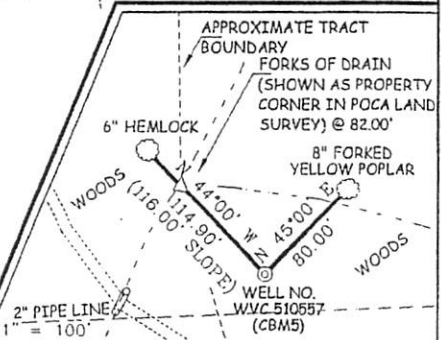
WELL NO. WVC 510557
STATE PLANE COORDINATES (SOUTH ZONE)
N 135,923
E 1,743,742
LAT=(N) 37 368285
LONG=(W) 5 1081736



NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE MAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 11/17/05.
3. TRACT BOUNDARY SHOWN HEREON TAKEN FROM A POCAHONTAS LAND CORPORATION MAP AND FIELD NOTES DATED APRIL 28, 1952 SUPPLIED TO SLS BY FOITABLE PRODUCTION COMPANY.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF McDOWELL COUNTY IN OCTOBER, 2005.
5. WELL LAT./LONG. (MAD'27) ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).

REFERENCES



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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677 *Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE NOVEMBER 28, 20 05
OPERATORS WELL NO. WVC 510557
API WELL NO. 47 - 047 - 02170C
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 5905P510557 (202-6)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1"=500'

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

WELL TYPE: OIL _____ GAS <input checked="" type="checkbox"/> INJECTION _____ WASTE DISPOSAL _____ IF "GAS" PRODUCTION _____ X STORAGE _____ DEEP _____ SHALLOW <input checked="" type="checkbox"/>
LOCATION: ELEVATION <u>1,677'</u> WATERSHED <u>MIDDLE FORK OF PANTHER CREEK</u>
DISTRICT <u>SANDY RIVER</u> COUNTY <u>McDOWELL</u> QUADRANGLE <u>PATTERSON 7.5'</u>
SURFACE OWNER <u>POCAHONTAS LAND CORPORATION</u> ACREAGE <u>19.14±</u>
ROYALTY OWNER <u>PENN VIRGINIA OIL & GAS CORPORATION</u> LEASE ACREAGE <u>15,379.43±</u>
PROPOSED WORK: LEASE NO. <u>WV 497880-01</u>
DRILL <input checked="" type="checkbox"/> CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PLUG OFF OLD _____
FORMATION _____ PERFORATE NEW FORMATION _____ PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____ OTHER _____
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION <u>POCAHONTAS #1</u>
ESTIMATED DEPTH <u>2,150'</u>
WELL OPERATOR <u>EQUITABLE PRODUCTION COMPANY</u> DESIGNATED AGENT <u>STEPHEN G. PERDUE</u>
ADDRESS: <u>1710 PENNSYLVANIA AVENUE</u> ADDRESS <u>1710 PENNSYLVANIA AVENUE</u>
<u>CHARLESTON, WV 25302</u> <u>CHARLESTON, WV 25302</u>

Received
Office of Oil and Gas
JUL 12 2016

110410016

COUNTY NAME
PERMIT

WW-4-A
Revised 6/07

1) Date: July 12, 2016
2) Operator's Well Number
510557 (Pocahontas Land Corp. WVC 510557)
3) API Well No.: 47 047 - 02170
State County Permit

**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS
NOTICE AND APPLICATION TO PLUG AND ABANDON WELL**

4) Surface Owner(s) to be served:
(a) Name Pocahontas Land Corp.
Address P. O. Box 1517
Bluefield, WV 24701

(b) Name _____
Address _____

(c) Name _____
Address _____

6) Inspector Brian Ferguson
Address 708 Manor Drive
Beckley, WV 25801
Telephone (304) 550-6265

5) (a) Coal Operator:
Name None
Address _____

(b) Coal Owner(s) with Declaration
Name Pocahontas Land Corp.
P. O. Box 1517
Address Bluefield, WV 24701

(c) Coal Lessee with Declaration
Name Alpha Natural Resources, LI
Address 208 Business Street
Beckley, WV 25801

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.

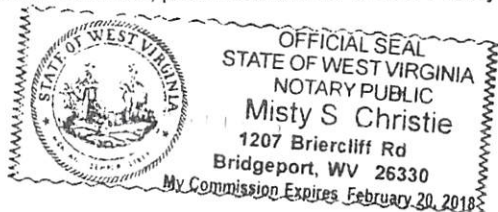
The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

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 Division 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: EQT Production Company
By: Victoria J. Roark
Its: Permitting Supervisor
Address: PO Box 280
Bridgeport, WV 26330
Telephone: (304) 848-0076

Subscribed and sworn before me this 12th day of July, 2016
Misty S. Christie Notary Public
My Commission Expires: 2/20/18

The Office of Oil & Gas processes your personal information, such as name, address and phone number, as 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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Office of Oil & Gas
11/04/2016

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
FLUIDS / CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name: EQT PRODUCTION COMPANY OP CODE: 306686

Watershed (HUC 10): Panther Creek Quadrangle: Patterson

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

Will a pit be used? Yes X No

If so, please describe anticipated pit waste:

Formation Fluids

Will a synthetic liner be used in the pit? Yes X No Is so, what ml.? 20ml. -10ml-

Proposed Disposal Method for Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number)
- X Reuse (at API Number -- Various)
- X Off Site Disposal Permit (Supply form WW-9 for disposal location. See attachment)
- Other: (Explain)

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

Drilling medium anticipated for this well? (vertical and horizontal)? Air, freshwater, oil based, etc.
If oil based, what type? Synthetic, petroleum, etc.

Additives to be used in drilling medium?

Drill cuttings disposal method? Leave in pit, landfill, remove offsite, etc.
If left in pit and plan to solidify what medium will be used? (cement, Lime, sawdust)
Landfill or offsite name/permit number?

Permittee shall provide written notice to the Office of the 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 April 1, 2016, by the Office of Oil and Gas of the West Virginia Division 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 *Victoria J Roark*

Company Official (Typed Name) Victoria J Roark

Company Official Title Permitting Supervisor - WV

Subscribed and sworn before me this 110 day of August, 2016

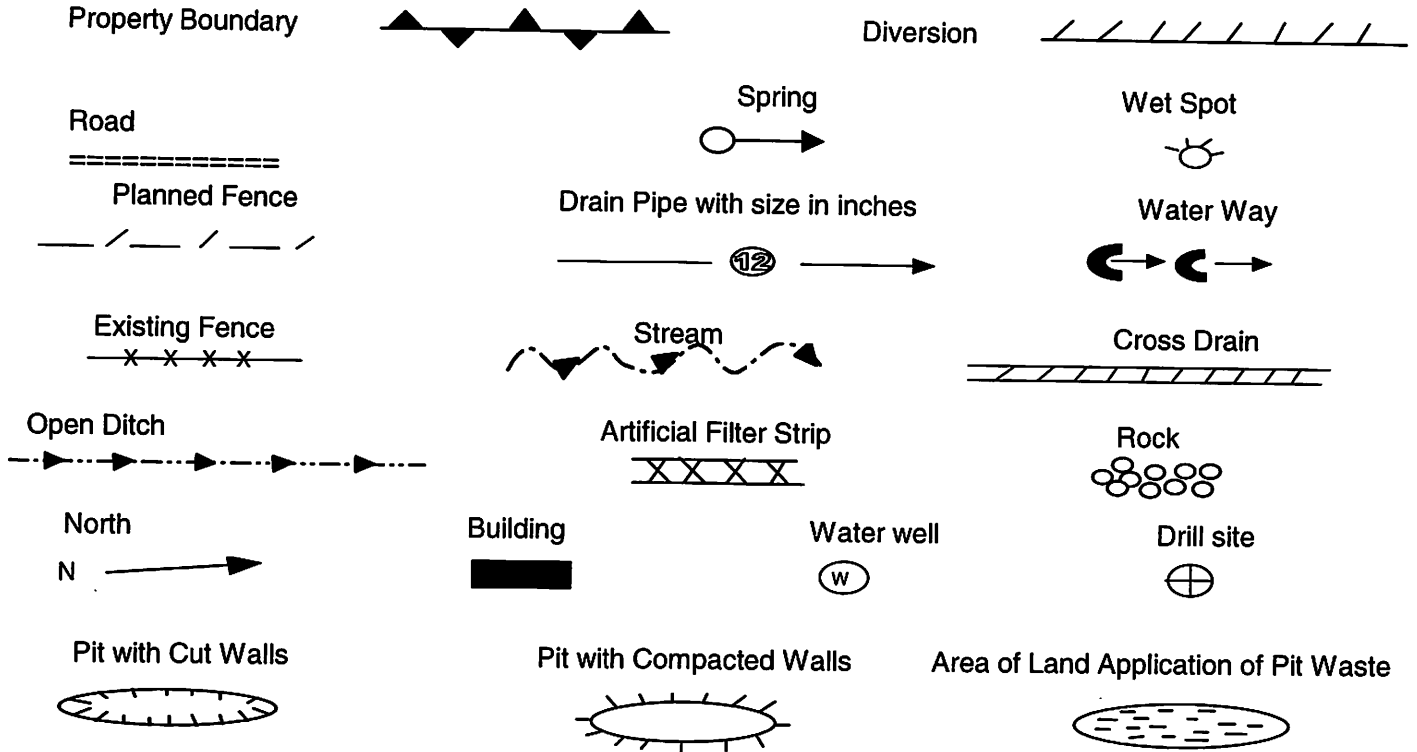
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AUG 19 2016



Rebecca L. Wanstreet Notary Public
4-7-2020

11/04/2016

LEGEND



Proposed Revegetation Treatment: Acres Disturbed: _____ 1± _____ Prevegetation pH _____

Lime _____ 3 _____ Tons/acre or to correct to pH _____ 6.5 _____

Fertilizer (10-20-20) or equivalent _____ 1/3 ton _____ lbs/acre (500 lbs minimum)

Mulch _____ 2 _____ Tons/acre or hydroseed.

SEED MIXTURES

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike Clover	5	Alsike Clover	5
Annual Rye	15		

ATTACH:

Drawing(s) of road, location, pit and proposed area for land application.
 Photocopies section of involved 7.5' topographic sheet.

Plan approved by: _____

Comments: _____

Title: _____ Date: _____

Field Reviewed? _____ Yes _____ No

Received
 Office of Oil & Gas
 AUG 19 2016

EQT Production Water plan Offsite disposals

Waste Management - Meadowfill Landfill

Rt. 2, Box 68 Dawson Drive
Bridgeport, WV 26330
304-326-6027
Permit #SWF-1032-98
Approval #100785WV

Waste Management - Northwestern Landfill

512 E. Dry Road
Parkersburg, WV 26104
304-428-0602
Permit #SWF-1025 WV-0109400
Approval #100833WV

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Office of Oil & Gas
AUG 19 2016

11/04/2016

Topo Quad: Patterson 7.5'

Scale: 1" = 200'

County: McDowell

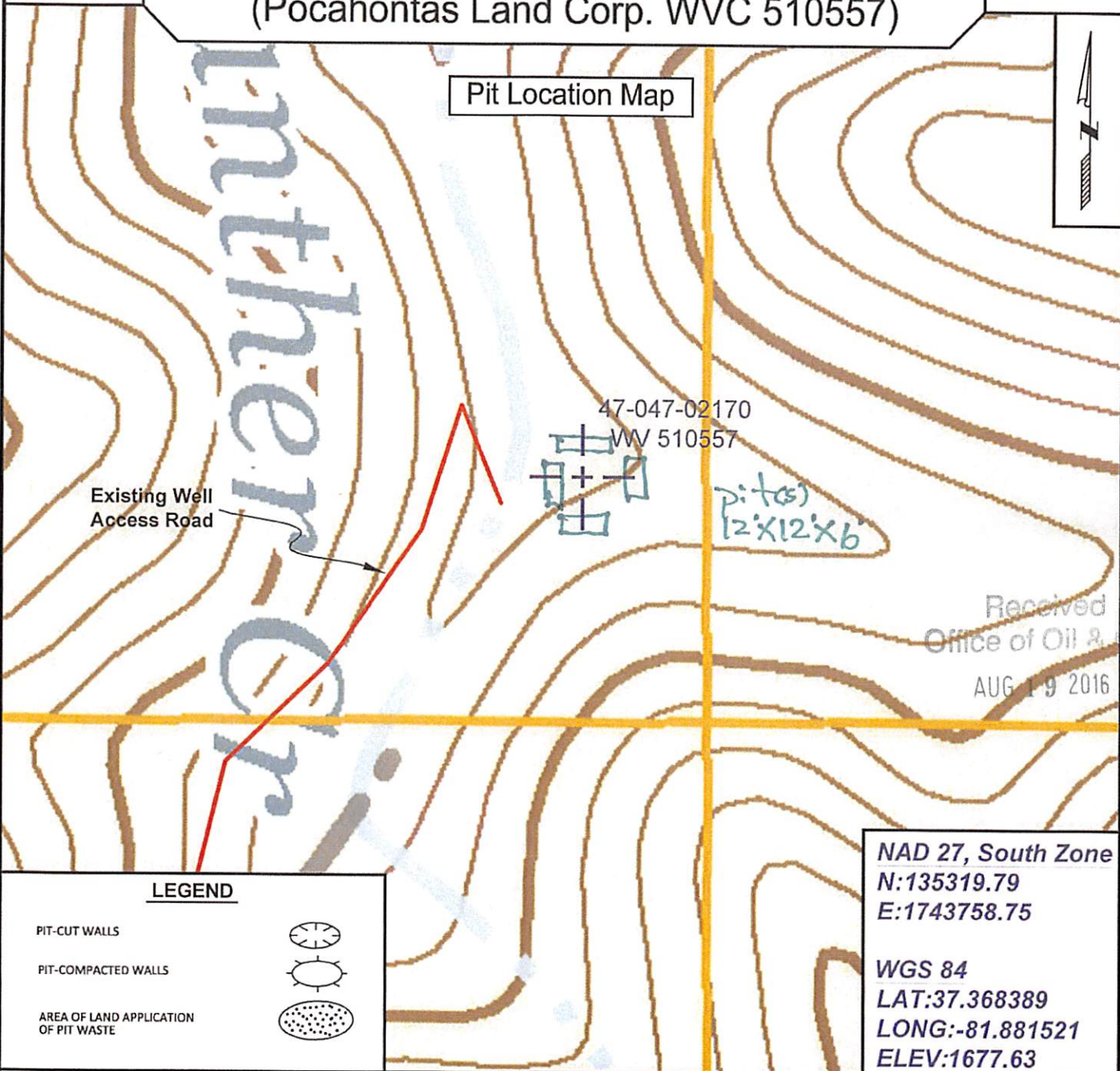
Date: August 12, 2016

District: Sandy River

Project No: 20-37-00-08

47-047-02170 WV 510557
(Pocahontas Land Corp. WVC 510557)

Pit Location Map



Existing Well Access Road

47-047-02170
WV 510557

Pit(s)
12'x12'x6'

Received
Office of Oil & Gas
AUG 19 2016

LEGEND

PIT-CUT WALLS



PIT-COMPACTED WALLS



AREA OF LAND APPLICATION OF PIT WASTE



NAD 27, South Zone
N:135319.79
E:1743758.75

WGS 84
LAT:37.368389
LONG:-81.881521
ELEV:1677.63



SURVEYING AND MAPPING SERVICES PERFORMED BY:

ALLEGHENY SURVEYS, INC.

1-800-482-8606
237 Birch River Road
Birch River, WV 26610
PH: (304) 649-8606
FAX: (304) 649-8608

PREPARED FOR:

EQT Production Company

P.O. Box 280
Bridgeport, WV 26330

11/04/2016

4702170P

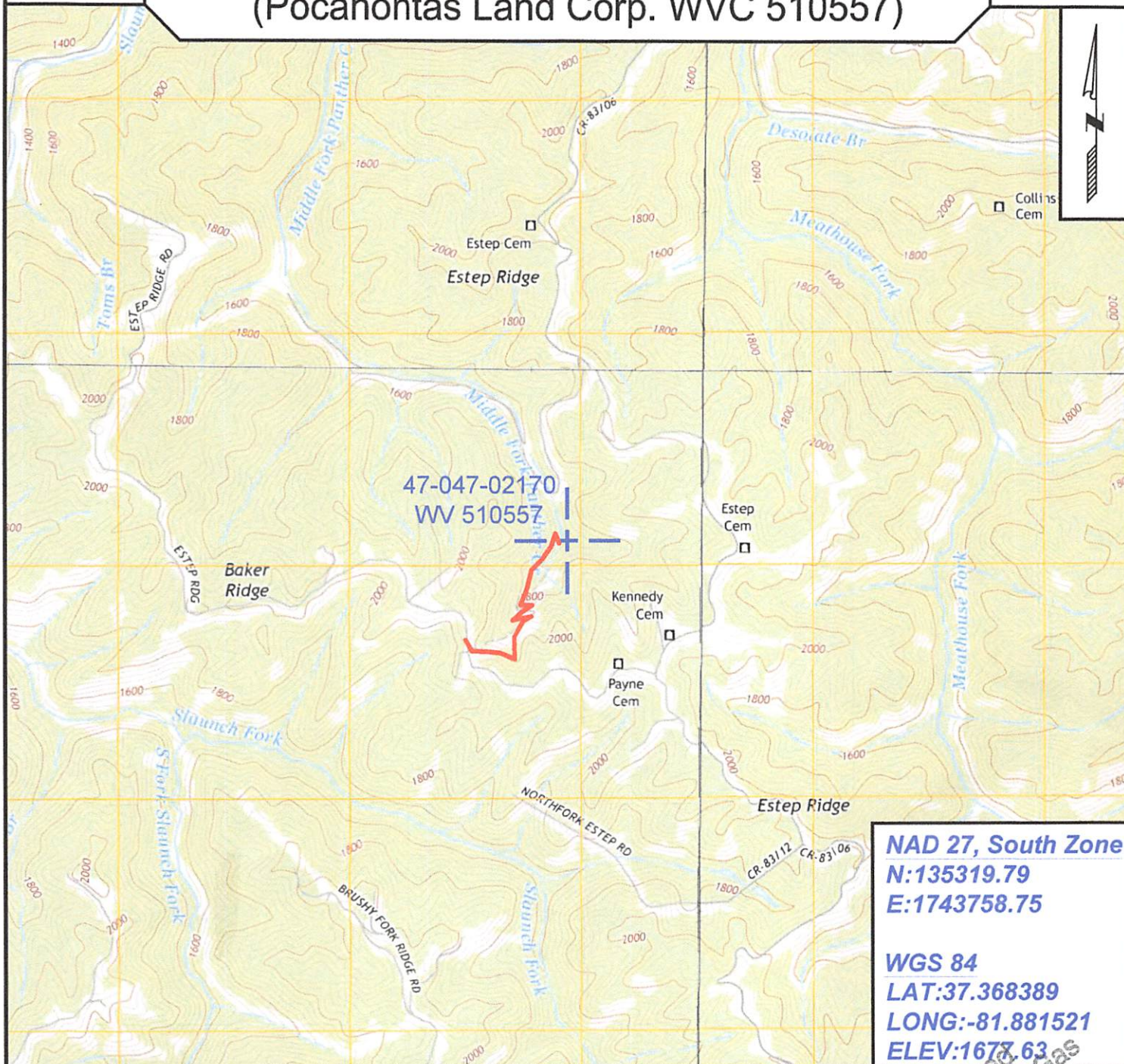
Topo Quad: Patterson 7.5' Scale: 1" = 2000'

County: McDowell Date: June 16, 2016

District: Sandy River Project No: 20-37-00-08

47-047-02170 WV 510557 (Pocahontas Land Corp. WVC 510557)

Topo



NAD 27, South Zone
N:135319.79
E:1743758.75

WGS 84
LAT:37.368389
LONG:-81.881521
ELEV:1678.63



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.
 1-800-482-8606
 237 Birch River Road
 Birch River, WV 26610
 PH: (304) 649-8606
 FAX: (304) 649-8608

PREPARED FOR:
EQT Production Company
 P.O. Box 280
 Bridgeport, WV 26330

11/04/2016



POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY

LEASE NAME AND WELL No. Pocahontas Land Corp. WVC 510557 - WV 510557 -
API No. 47-047-02170

POTENTIAL SAMPLE LOCATIONS

There appears to be no known water samples within the required 1000' of the existing well WV 510557.

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Office of Oil & Gas
JUL 13 2016

BIRCH RIVER OFFICE

237 Birch River Road
Birch River, WV 26610
phone: 304-649-8606
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BRIDGEPORT OFFICE

172 Thompson Drive
Bridgeport, WV 26330
phone: 304-848-5035
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ALUM CREEK OFFICE

P.O. Box 108 • 1413 Childress Rd
Alum Creek, WV 25003
phone: 304-756-2949
fax: 304-756-2948

MARTINSBURG OFFICE

25 Lights Addition Drive
Martinsburg, WV 25404
phone: 304-901-2162
fax: 304-901-2182

4702170P

Topo Quad: Patterson 7.5' Scale: 1" = 2000'

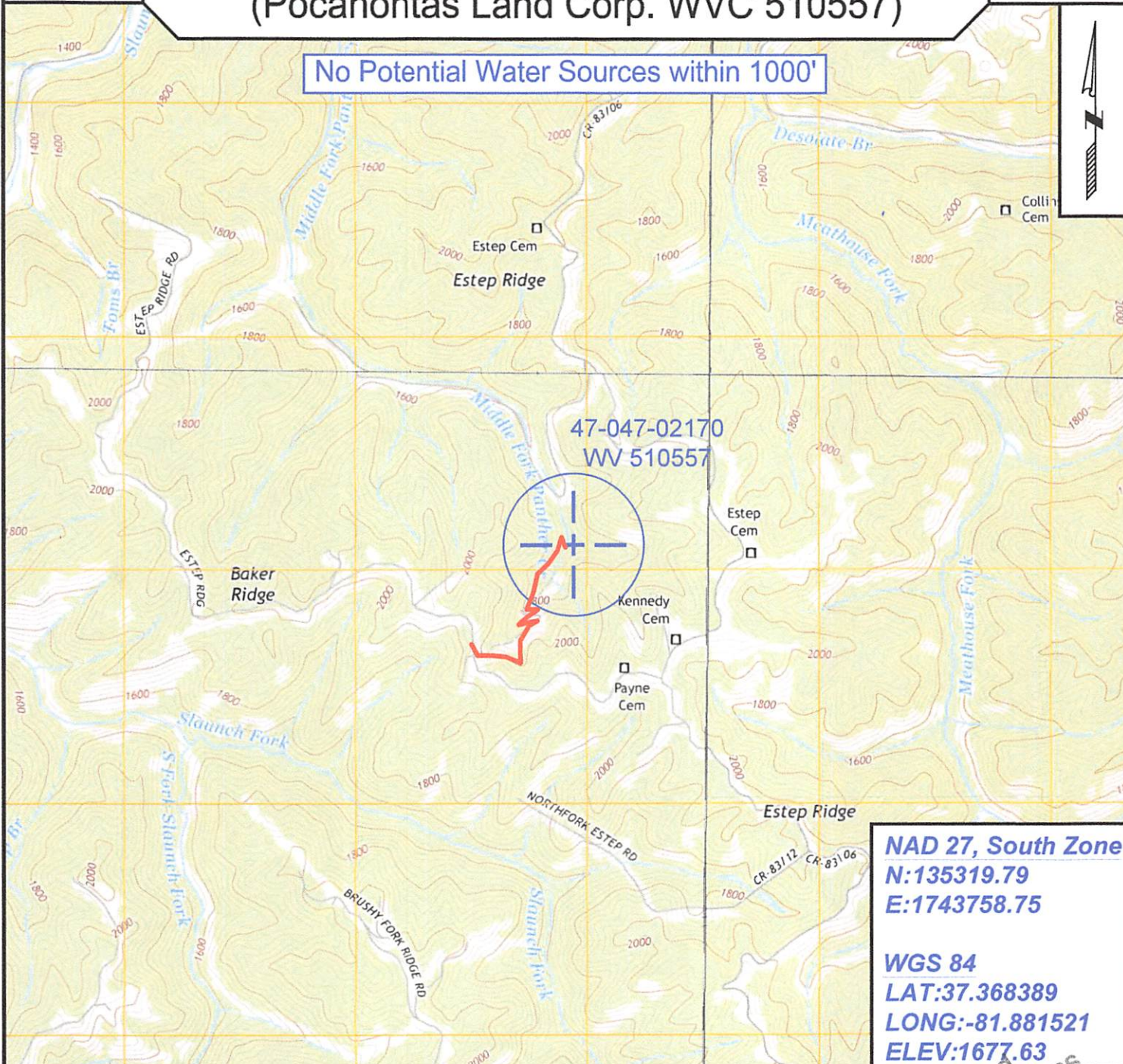
County: McDowell Date: June 16, 2016

District: Sandy River Project No: 20-37-00-08

Water

47-047-02170 WV 510557 (Pocahontas Land Corp. WVC 510557)

No Potential Water Sources within 1000'



NAD 27, South Zone
N:135319.79
E:1743758.75

WGS 84
LAT:37.368389
LONG:-81.881521
ELEV:1677.63



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