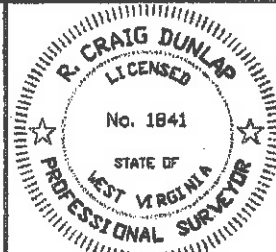


FILE NO. W10-290-1813
 DRAWING NO. W10-290-A22
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1:2500
 PROVEN SOURCE OF ELEVATION GPS
GLOBAL POSITIONING SYSTEM

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 DIVISION OF ENVIRONMENTAL PROTECTION.

(SIGNED) R. Craig Dunlap
 PROFESSIONAL SURVEYOR No. 1841



WVDEP
 OFFICE OF OIL AND GAS
 1356 HANSFORD ST.
 CHARLESTON, WV 25301



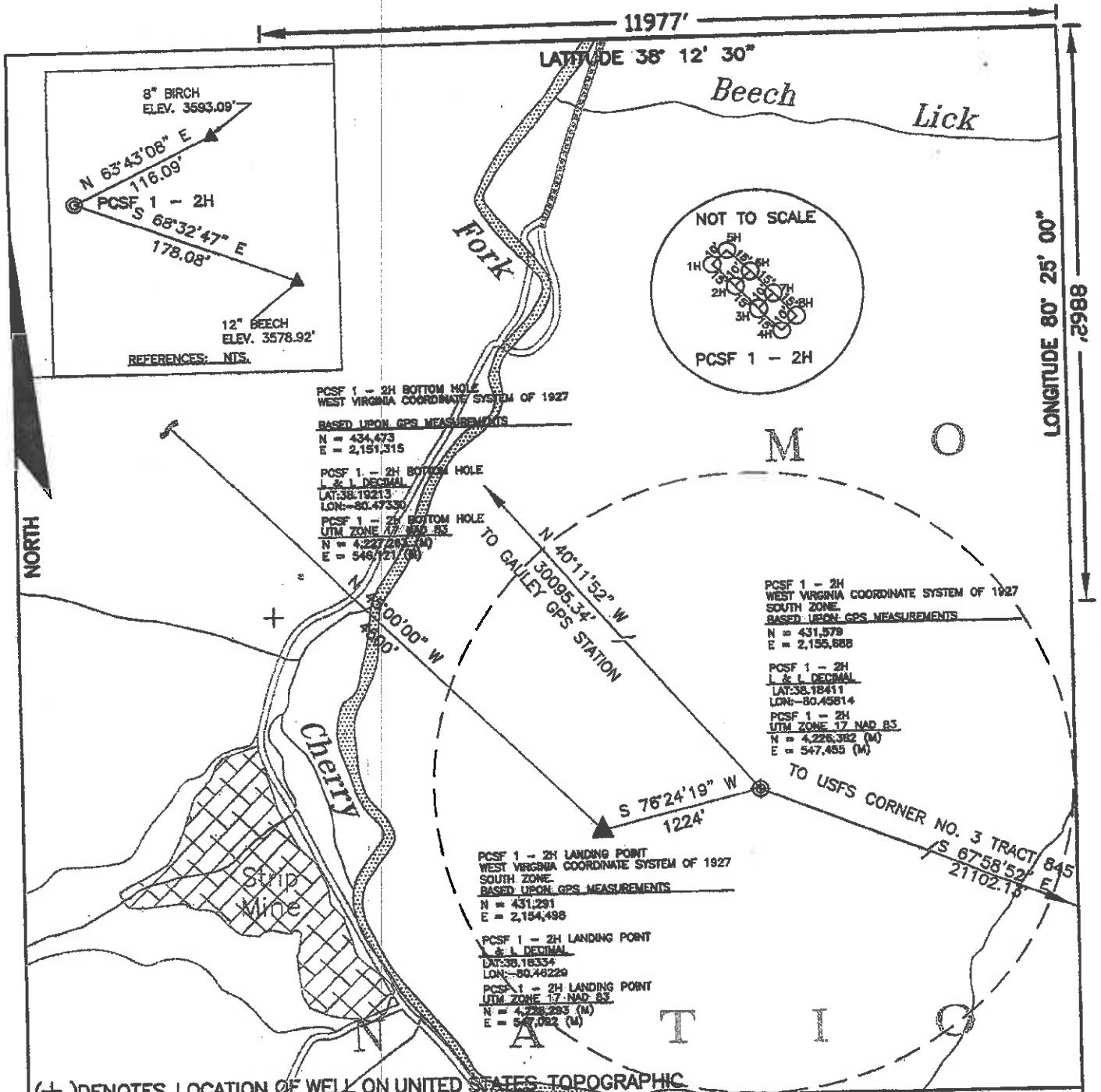
DATE MARCH 21, 2011
 OPERATOR'S WELL NO. PCSF 1 - 2H
 API WELL NO. 47-025-00039PP

STATE COUNTY PERMIT

WELL TYPE: OIL GAS CBM LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 3800 ± WATERSHED SOUTH FORK OF CHERRY RIVER
 DISTRICT FALLING SPRINGS COUNTY GREENBRIER
 QUADRANGLE FORK MOUNTAIN ACREAGE 21527
 SURFACE OWNER PLUM CREEK TIMBERLANDS, LP LEASE ACREAGE 21527
 OIL & GAS ROYALTY OWNER HIGHLAND RESOURCES INC., & BRC APPALACHIAN MINERALS I, LLC., & OXY USA, INC.
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE
 IN WELL (SPECIFY) _____
 PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION Marcellus Shale
 ESTIMATED DEPTH IVD = 8060' MD = 12930'

WELL OPERATOR BRC OPERATING COMPANY, LLC
 ADDRESS 200 CRESCENT COURT, SUITE 200
DALLAS, TX 75201

DESIGNATED AGENT MARC MONTELEONE
 ADDRESS 600 QUARRIER STREET
CHARLESTON, WV 25325 04/13/2012



FILE NO. W10-290-1813
 DRAWING NO. W10-290-A22
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1:2500
 PROVEN SOURCE OF ELEVATION GPS
GLOBAL POSITIONING SYSTEM

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 DIVISION OF ENVIRONMENTAL PROTECTION.

(SIGNED) R. G. Dulp
 PROFESSIONAL SURVEYOR No. 1841



WVDEP
OFFICE OF OIL AND GAS
1356 HANSFORD ST.
CHARLESTON, WV 25301

DATE MARCH 21, 2011
 OPERATOR'S WELL NO. PCSF 1 - 2H
 API WELL NO. 47-025-00039H
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS CBM LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 3600± WATERSHED SOUTH FORK OF CHERRY RIVER
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 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE
 IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION Marcellus Shale
 ESTIMATED DEPTH IVD = 8060' MD = 12930'

WELL OPERATOR BRC OPERATING COMPANY, LLC DESIGNATED AGENT MARC MONTELEONE
 ADDRESS 200 CRESCENT COURT, SUITE 200 ADDRESS 600 QUARRIER STREET
DALLAS, TX 75201 CHARLESTON, WV 25325



Alliance Consulting, Inc.

BECKLEY, WV
(304) 255-0491
SUMMERSVILLE, WV
(304) 883-2360

Scientists

Constructors

SUMMERSVILLE, WV
(304) 883-2360

FORM W-9

PLUM CREEK SOUTH FORK
ROAD LOCATION PCSF 1
NEAR RICHWOOD, GREENBRIER COUNTY, WEST VIRGINIA
PREPARED FOR
BRC OPERATING CO. LLC.
200 CRESENT CT., SUITE 200, DALLAS, TEXAS 75201

SCALE: 1" = 2000'

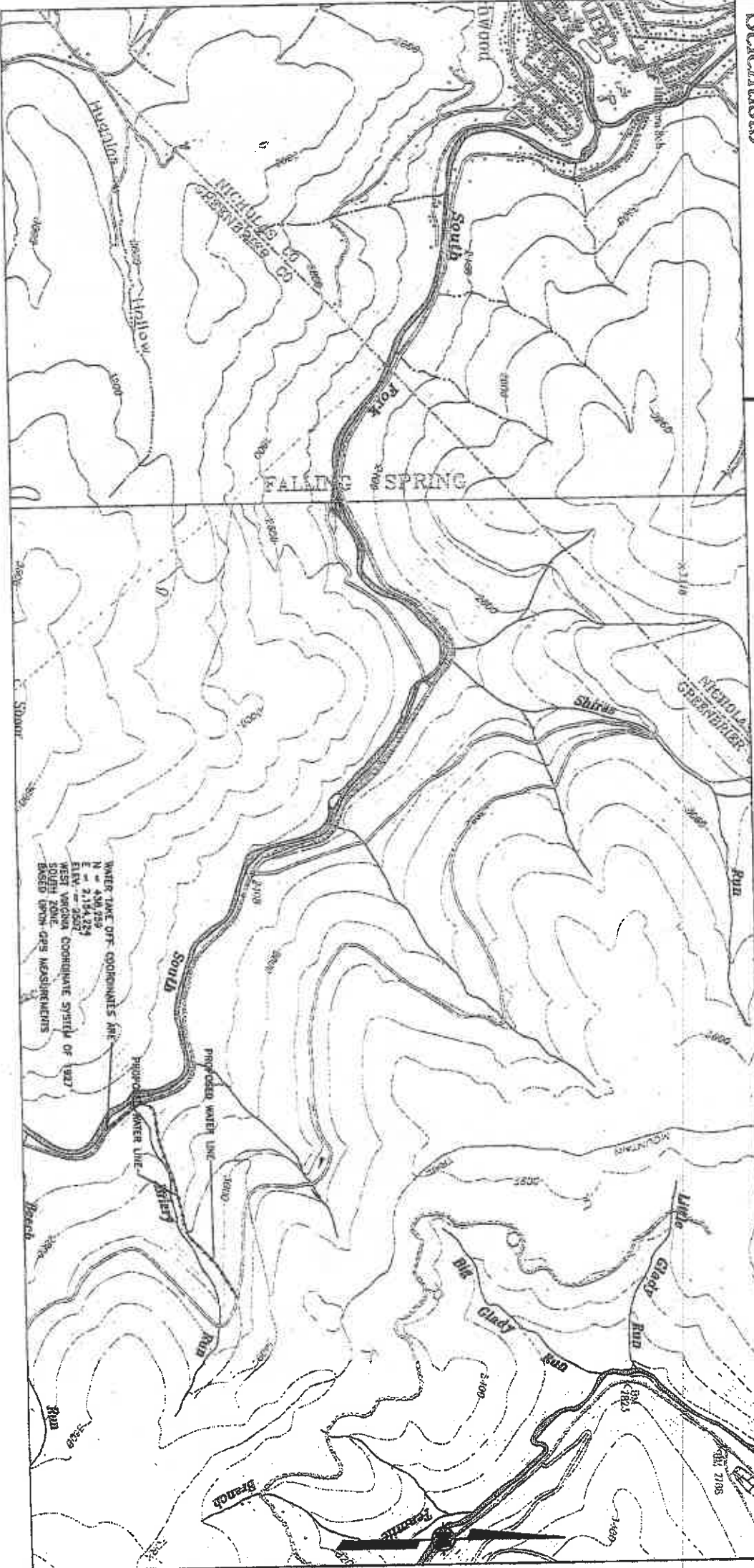
DRAWN BY RCD

CHECKED BY RCD

APPROVED BY RCD

DRAWING NUMBER

W10-290-A40 FIGURE 1



WATER TIME OFF COORDINATES ARE
N = 490,259
E = 2,154,324
ELEV. = 2500'
WEST VIRGINIA COORDINATE SYSTEM OF 1927
SOUTH ZONE
BASED UPON GPS MEASUREMENTS

25 00039H

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 02/06/2013
API #: 47-25-00039

Farm name: Plum Creek Timberlands, LP Operator Well No.: PCSF 1-2H

LOCATION: Elevation: 3,578 Quadrangle: Fork Mountain

District: Falling Springs County: Greenbrier
Latitude: 8,882 Feet South of 38 Deg. 12 Min. 30 Sec.
Longitude 11,977 Feet West of 80 Deg. 25 Min. 00 Sec.

Company: BRC Operating Company, LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
200 Crescent Court, Suite 200 Dallas, TX 75201	20"	130'	130'	207
Agent: Marc A. Monteleone	13 3/8"	2,233'	2,223'	1,521 Lead/1,021 Tail
Inspector: Gary Kennedy	9 5/8"	6,457	6,457	1,796 Lead/746 Tail
Date Permit Issued: 7/14/11				
Date Well Work Commenced: 11/16/11				
Date Well Work Completed: 12/27/11	Cement plug		6,300' - 8,500'	1,027
Verbal Plugging: Gary Kennedy				
Date Permission granted on: 12/18/11 Partial Plugging Permit issued 4/9/12.				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 8,262				
Total Measured Depth (ft): 12,528				
Fresh Water Depth (ft.): 1,500				
Salt Water Depth (ft.): 2,350				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 610				
Void(s) encountered (N/Y) Depth(s) N/A				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Not Applicable 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

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

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments 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.


Signature

2/7/2013
Date

02/22/2013

unnamed (o) u-0

RECEIVED
Office of Oil and Gas
FEB 08 2013
WV Department of
Environmental Protection

250039

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Platform Express 2,258' - 6,500'
MWD Gamma Ray from 6,510' - 12,530'. (MWD - Measured While Drilling)

NOTE: IN THE AREA BELOW 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 THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

N/A

Plug Back Details Including Plug Type and Depth(s): Set 8 1/2" open hole cement plugs: from 8,500' to 6,300' /183 bbls.

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
<u>Surface:</u>		
Ravencliff Sandstone	1,591	1,610
Lower Maxon Sandstone	1,922	1,979
Greenbrier Limestone	2,018	2,058
Big Lime Limestone	2,192	2,600
Injun Sandstone	2,600	2,638
Squaw Shale	2,638	2,660
Berea Sandstone	3,238	3,285
Gordon Sandstone	3,325	3,340
Rhinestreet Shale	7,670 TVD	7,756 TVD
Top Marcellus Shale	7,820 TVD	

02/22/2013