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

April 12, 2016

WELL WORK PERMIT

Vertical Well

This permit, API Well Number: 47-3305882, issued to ALLIANCE PETROLEUM CORPORATION, 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.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days 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.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-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) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: BLACK CHERRY 1
Farm Name: MILLER, CLARENCE & CARLAN
API Well Number: 47-3305882
Permit Type: Vertical Well
Date Issued: 04/12/2016

Promoting a healthy environment.

WW - 2B
(Rev. 8/10)

CK# 0055967
650.00

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: Alliance Petroleum Corporation

305762	Harrison	Sardis	Wallace
Operator ID	County	District	Quadrangle

2) Operator's Well Number: Black Cherry 1 V-1 3) Elevation: 1278.96

4) Well Type: (a) Oil_____ or Gas X

(b) If Gas: Production X / Underground Storage _____

Deep_____ / Shallow X

5) Proposed Target Formation(s): Rhinestreet Proposed Target Depth: 6080'
6) Proposed Total Depth: 6180' Feet Formation at Proposed Total Depth: Devonian Shale
7) Approximate fresh water strata depths: 40' -300'
8) Approximate salt water depths: 1700'-2210'

9) Approximate coal seam depths: 800'-810' Pittsburgh Coal

10) Approximate void depths,(coal, Karst, other): None

11) Does land contain coal seams tributary to active mine? ~~Yes~~ No Active mine SDW

12) Describe proposed well work and fracturing methods in detail (attach additional sheets if needed)
Drill and complete a conventional vertical well.
Frack with 2500 bbls slick water and sand or foam frack.

13) **CASING AND TUBING PROGRAM**

SDW 3/22/2016

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor	13"	H-40	36.0 #/ft	32'	32'	Driven
Fresh Water	9-5/8"	H-40	26.0 #/ft		680'	CTS-220 sks
Coal						
Intermediate	7"	J-55	17.0 #/ft		1980'	CTS-220 sks
Production	4-1/2"	J-55	10.5 #/ft		5220'	210 sks-50/50 poz
Tubing	1-1/2"	J-55	2.75 #/ft		6070'	
Liners						

Packers: Kind:
Sizes:
Depths Set

Received
Office of Oil & Gas
MAR 23 2016

WW-2A
(Rev. 6-14)

1). Date: 3/17/2016

2.) Operator's Well Number Black Cherry 1 V-1

3.) API Well No.: 47- State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:
(a) Name Clarence J. & Carlanna M. Miller ✓W
Address 139 DORA MAE LANE
WALLACE, WV 26448
(b) Name
Address
(c) Name
Address

5) (a) Coal Operator
Name American Mountaineer Energy, Inc.
Address 46226 National Rd.
St. Clairsville, OH 43902
(b) Coal Owner(s) with Declaration
Name American Mountaineer Energy, Inc.
Address
Name
Address
(c) Coal Lessee with Declaration
Name
Address

6) Inspector Sam Ward
Address P.O. Box 2327
Buckhannon WV 26201
Telephone 304-389-7583

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

___ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

OR

x Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through ___ on the above named parties by:

___ Personal Service (Affidavit attached)
x Certified Mail (Postmarked postal receipt attached)
___ Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

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, 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 and imprisonment.

Well Operator Alliance Petroleum Corporation
By: Jeffrey Sayger
Its: Designated Agent
Address: 16 Fox Hill Terrace
Parkersburg, WV 26101
Telephone: (304) 422-9922
Email: jeff-sayger@alliancepetroleum.com

Subscribed and sworn before me this 22 day of March, 2016

Notary Public

My Commission Expires 2/26/2018 2-26-2018

NOTARIAL SEAL STATE OF OHIO
Justin Smith
Notary Public State of Ohio
My Commission Expires
February 26, 2018

Received
Office of Oil & Gas
MAR 23 2016

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

WW-2A Surface Waiver

SURFACE OWNER WAIVER

County Harrison

Operator Alliance Petroleum Corporation

Operator well number Black Cherry 1 V-1

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

1) The proposed well work will constitute a hazard to the safety of persons.
2) The soil erosion and sediment control plan is not adequate or effective;
3) Damage would occur to publicly owned lands or resources;
4) The proposed well work fails to protect fresh water sources or supplies;
5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through ___ including a work order on Form WW2-B, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

Clarence D Miller

Carlanna Miller — Date 3/22/16

Signature

Clarence D Miller

CARLANNA Miller

Print Name

FOR EXECUTION BY A CORPORATION, ETC.

Company Name

By

Its

Received
Office of Oil & Gas
MAR 23 2016

Date

Signature Date

APC

Alliance Petroleum Corporation

WELL OPERATOR: Alliance Petroleum Corporation

WELL Name and #: Black Cherry 1 V-1

Notice to Coal Owner or Coal Operator

4150 Belden Village Avenue N.W I Suite 410 I Canton, Ohio 4471 8-2553 330-493-0440 Fax 330-493 -3409

Coal Owner or Operator:

We are sending you the enclosed waiver form per the West Virginia Department of Environmental Protection. This is meant to go along with the packages you have already received. Those packages have a Coal Waiver in them, but we are required to show that we sent them to you via certified mail.

Thank you

Alliance Petroleum Corporation

Contact: Justin Smith

330-493-0440

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Office of Oil and Gas

MAR 24 2016

WV Department of
Environmental Protection

WW-2A1
(Rev. 1/11)

Operator's Well Number Black Cherry 1 V-1

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6, Section 8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

(1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;

(2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
Clarence J. Miller and Carlanna M. Miller, husband and wife	Petroedge Energy, LLC	minimum 12.5%	1517/1221
Petroedge Energy, LLC	Statoil USA Onshore Properties, Inc.		1525/1303
Statoil USA Onshore Properties, Inc.	Alliance Petroleum Corporation, Inc.		Unrecorded Assignment

Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources
- WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Received
Office of Oil & Gas
MAR 23 2016

Well Operator: Alliance Petroleum Corporation
By: Its: Designated Agent

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MAR 22 2016

ASSIGNMENT AND CONVEYANCE

STATE OF WEST VIRGINIA §

COUNTY OF HARRISON §

THIS ASSIGNMENT AND CONVEYANCE (this "Assignment"), is made and effective as of 8:00AM EST **March 21, 2016**. **Statoil USA Onshore Properties Inc.**, whose address is 2103 CityWest Boulevard Suite 800, Houston, TX 77042, shall hereinafter be called **"Grantor."** For $10.00 and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and intending to be legally bound by this instrument, Grantor hereby ASSIGNS, TRANSFERS, and CONVEYS to **Alliance Petroleum Corporation,** whose address is 4150 Belden Village Ave. NW, Suite 410, Canton, OH 44718-2553, and who shall hereinafter be called "Grantee", the following described properties, rights and interests located in Harrison County, West Virginia:

All of Grantor's right, title and interest in the leases listed in Exhibit "A" ("Leases") attached hereto and made a part hereof, INSOFAR AND ONLY INSOFAR as the Leases cover the drilling unit identified in Exhibit "B" attached hereto and made a part hereof and only as to the depths specified in Exhibit "C" (the "Oil and Gas Properties");

SAVE AND EXCEPT, with respect to the Oil and Gas Properties, Grantor excepts from this Assignment and reserves to itself an overriding royalty interest (the "Retained Overriding Royalty"), payable out of all oil and gas, casinghead gas, condensate and other liquid or gaseous hydrocarbons (the "Hydrocarbons") produced, saved and sold from the Oil and Gas Properties, equal to the difference between (a) Twenty-Five Percent (25%) and (b) all lease and leasehold estate burdens affecting or burdening Grantor's interest in the Leases as of the effective date of this Assignment, subject to a maximum Retained Overriding Royalty of Ten Percent (10%), delivering to Grantee no less than a seventy-five percent (75%) Net Revenue Interest on an 8/8ths basis of all of the Hydrocarbons produced and saved from or attributable to the unit therefor and to the Leases to the extent included within such unit. The overriding royalty interest reserved by Assignor shall be subject to proportionate reduction if it is determined that the Leases cover less than 100% of the oil and gas mineral estate in the Lands.

The Oil and Gas Properties do not include claims, choses in action and similar rights to payment or performance, arising, occurring or existing in favor of Grantor prior to the date of this Assignment or arising out of the ownership or operation of the Oil and Gas Properties prior to the date of this Assignment, including without limitation all contract rights, claims, receivables, payables, revenues, recoupment rights, recovery rights, accounting adjustments, mispayments, erroneous payments, or other claims of any nature relating and accruing to any time period prior to the date of this Agreement.

TO HAVE AND TO HOLD the Oil and Gas Properties unto Grantee, its successors and assigns, forever. Grantor does hereby warrant, in accordance with the Farmout Agreement, that title to the Oil and Gas Properties is free and clear of all liens, claims, security interests, mortgages, charges and encumbrances arising by, through or under Grantor, but not otherwise. Grantee is hereby subrogated to all covenants and warranties of title by third parties given or made to Grantor or their predecessors in title in respect to any of the Oil and Gas Properties.

This Conveyance is made subject to the Farmout Agreement, which contains certain representations, warranties and agreements between the parties concerning the Oil and Gas Properties, some of which may survive the delivery of this Conveyance, as provided in the Farmout Agreement, and are incorporated into this Conveyance as if restated in full in this Conveyance. Notwithstanding the foregoing, third parties may conclusively rely on this Conveyance to vest title to the Oil and Gas Properties in Grantee. In the event of any conflict between this Assignment and the Agreement, the terms set forth in the Agreement will prevail.

Grantor will sign, acknowledge, and deliver to Grantee, from time to time, all such other and additional conveyances, instruments, notices, division orders, transfer orders, releases, acquittances, and other documents, and will do all such other and further acts and things as may be reasonably necessary to more fully and effectively grant, convey and assign the Oil and Gas Properties to Grantee.

This Assignment may be signed in multiple counterparts, all of which are identical and constitute one and the same instrument.

GRANTOR:

STATOIL USA ONSHORE PROPERTIES INC.

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MAR 2 2

By: A.J. Kieke, Jr.
Its: Authorized Person

GRANTEE:

ALLIANCE PETROLEUM CORPORATION

By: Dora L. Silvis
Its: Executive Vice President and Chief Operating Officer

STATE OF TEXAS '

COUNTY OF TRAVIS '

This instrument was acknowledged before me on this 21 day of March, 2016 by A.J. Kieke, Jr. as Authorized Person of STATOIL USA ONSHORE PROPERTIES INC., a Delaware corporation, on behalf of said corporation and in the capacities herein expressed.

VANESSA MENDEZ
My Notary ID # 124182776
Expires February 25, 2020

Notary Public

My Commission Expires: 2-25-20

STATE OF OHIO '

COUNTY OF STARK '

This instrument was acknowledged before me on this 22 day of March, 2016 by Dora L. Silvis, as Executive Vice President and Chief Operating Officer of ALLIANCE PETROLEUM CORPORATION a Georgia corporation, on behalf of said corporation and in the capacities herein expressed.

TOBI L. KINTZ
NOTARY PUBLIC · STATE OF OHIO
RECORDED IN STARK COUNTY
MY COMMISSION EXPIRES MAR 2, 2019

Notary Public

My Commission Expires: March 2, 2019

EXHIBIT "A"

Attached to and by reference made a part thereof, that certain Assignment and Conveyance dated March 21, 2016 from Statoil USA Onshore Properties Inc. to Alliance Petroleum Corporation

Tract Index #	Lessor	Lessee	Effective Date	Book	Page	State	County	District	Map# Range	Parcel#	Gross Acres
196	William R Norman Et Ux	Statoil USA Onshore Properties Inc.	3/30/2015	1555	460	WV	Harrison	Sardis	184	7	47.670
196.1	Brian Keith Price Et Ux	PetroEdge Energy, LLC	4/14/2011	1467	52	WV	Harrison	Sardis	184	6	12.460
196.1	Michael Ross	Statoil USA Onshore Properties Inc.	Pending	Pending	Pending	WV	Harrison	Sardis	184	6	12.460
196.1	Waco Oil & Gas Co., Inc.	Statoil USA Onshore Properties Inc.	Pending	Pending	Pending	WV	Harrison	Sardis	184	6	12.460
388	Sally Vore	Statoil USA Onshore Properties Inc.	4/2/2014	1535	1321	WV	Harrison	Sardis	184	34,34.1,34.2	44.350
1015	Adam F Drinkhouse	PetroEdge Energy, LLC	3/26/2013	1512	487	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Alice Jean Butler Et Vir	Statoil USA Onshore Properties Inc.	2/13/2014	1534	1224	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Andrea M Drinkhouse	PetroEdge Energy, LLC	3/26/2013	1515	873	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Burnetta G Barry Et Vir	PetroEdge Energy, LLC	7/5/2013	1516	1106	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Betty L Bickerstaff	PetroEdge Energy, LLC	5/25/2013	1513	1114	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Betty June Reed	PetroEdge Energy, LLC	10/9/2012	1500	490	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Carol M Boyer	PetroEdge Energy, LLC	5/25/2013	1513	1273	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Dale Herbert Negus	PetroEdge Energy, LLC	6/4/2013	1515	508	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Darlene L Venglarick	PetroEdge Energy, LLC	8/24/2012	1499	81	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Della Mae Semendinger	PetroEdge Energy, LLC	6/18/2013	1515	514	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Drucella A Mcallister	PetroEdge Energy, LLC	7/23/2012	1499	78	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Fara M Webb	PetroEdge Energy, LLC	5/14/2013	1513	1105	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Franklin J Curia Jr	PetroEdge Energy, LLC	4/23/2013	1513	217	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Gary R Swiger Et Ux	PetroEdge Energy, LLC	5/25/2013	1515	512	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Jack Smith Swiger Et Ux	PetroEdge Energy, LLC	5/21/2013	1516	28	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	James E Duncan Jr Et Ux	Statoil USA Onshore Properties Inc.	12/10/2014	1535	1318	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	John R Smith Et Ux	Statoil USA Onshore Properties Inc.	2/6/2014	1533	313	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Judy S Vanscoy	Statoil USA Onshore Properties Inc.	5/20/2014	1537	1159	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Map 2009-OK, an Oklahoma General Partnership	Statoil USA Onshore Properties Inc.	6/5/2015	1565	33	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Maria L Curia	PetroEdge Energy, LLC	4/23/2013	1513	213	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Norma Jean Owens	PetroEdge Energy, LLC	5/10/2013	1513	1275	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Robert T Koon Et Ux	PetroEdge Energy, LLC	5/25/2013	1513	1116	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Steve Boggess	Statoil USA Onshore Properties Inc.	1/22/2014	1533	388	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Thomas Smith Et Ux	Chesapeake Appalachia LLC	1/22/2009	1431	1173	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	Wayne Carl Smith Et Ux	Statoil USA Onshore Properties Inc.	2/6/2014	1533	310	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1015	William L Webb	PetroEdge Energy, LLC	5/10/2013	1513	215	WV	Harrison	Sardis	183	29,30,39,40,41,42,43,44,45	225.000
1061	Clarence J Miller Et Ux	PetroEdge Energy, LLC	8/6/2013	1517	1223	WV	Harrison	Sardis	184	4	8.864
1063	Clarence J Miller Et Ux	PetroEdge Energy, LLC	8/6/2013	1517	1217	WV	Harrison	Sardis	184	5	8.750
1082	Diane Louise Leake	PetroEdge Energy, LLC	7/17/2013	1517	482	WV	Harrison	Sardis	184	2	9.611
1082	Lynette E Richardson	PetroEdge Energy, LLC	7/17/2013	1517	480	WV	Harrison	Sardis	184	2	9.611
1082	William Keith Sayers	PetroEdge Energy, LLC	7/17/2013	1518	230	WV	Harrison	Sardis	184	2	9.611

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OFFICE OF OIL AND GAS

MAR 22 2016

EXHIBIT "A"

Attached to and by reference made a part thereof, that certain Assignment and Conveyance dated March 21, 2016 from Statoil USA Onshore Properties Inc. to Alliance Petroleum Corporation

1083	Clarence J Miller Et Ux	PetroEdge Energy, LLC	8/6/2013	1517	1219	WV	Harrison	Sardis	184	3	9.850
1084	Clarence J Miller Et Ux	PetroEdge Energy, LLC	8/6/2013	1517	1221	WV	Harrison	Sardis	184	18,18.1	44.520

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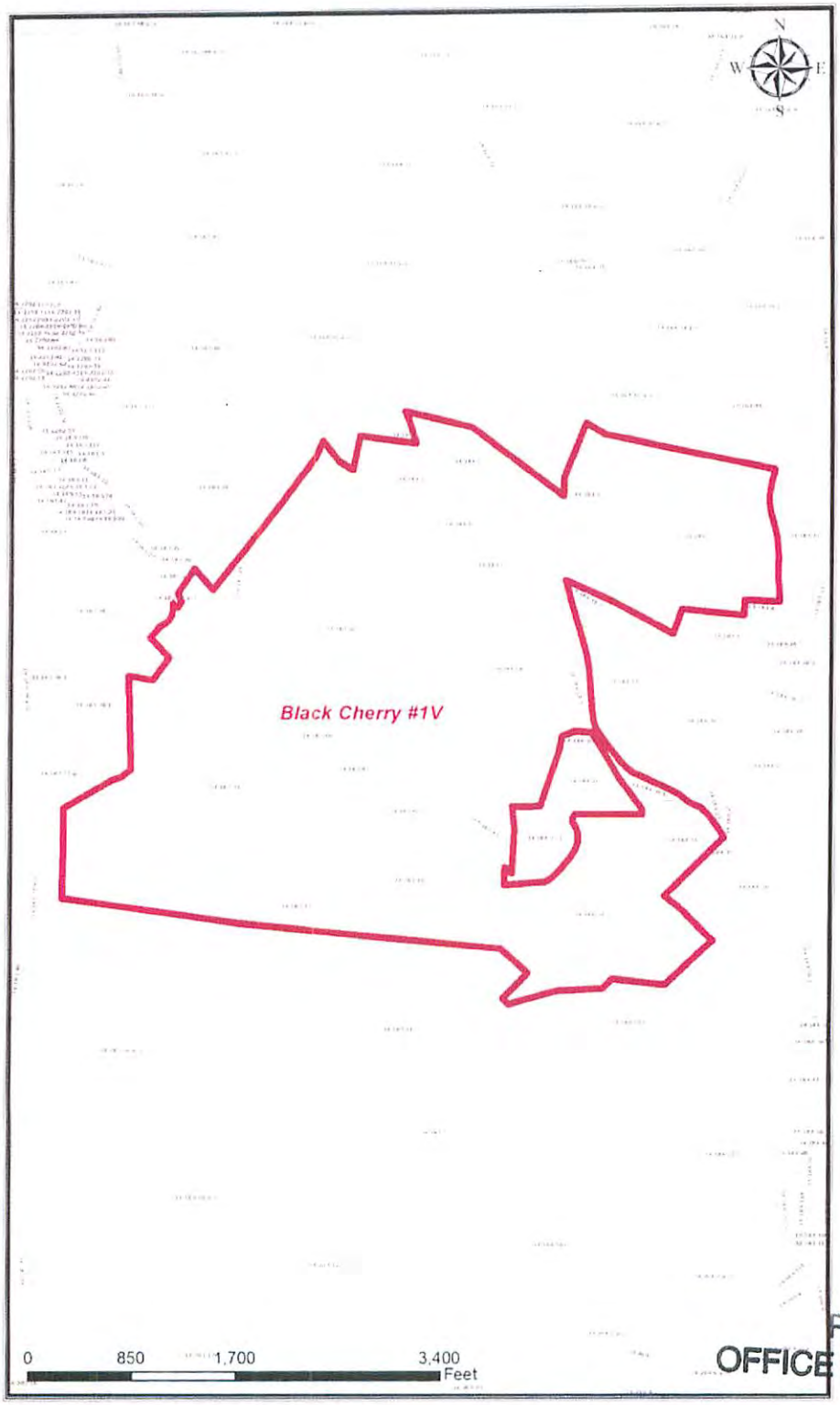
MAR 22 2016

EXHIBIT "B"

Attached to and by reference made a part thereof, that certain Assignment and Conveyance dated March 21, 2016, from Statoil USA Onshore Properties Inc. to Alliance Petroleum Corporation:



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MAR 22 2016

EXHIBIT "C"

Attached to and by reference made a part thereof, that certain Assignment and Conveyance dated March 21, 2016, from Statoil USA Onshore Properties Inc. to Alliance Petroleum Corporation:

DEPTHS ASSIGNED:

Insofar and only Insofar as the Leases described on "Exhibit A" cover all depths above 500 feet above the Top of the Geneseo Formation at the stratigraphic equivalent of 6,386 feet as found in the AB Resources PA, LLC gamma ray Log for the Francis #1 (API No. 47-051-1190) well located in the Clay District of Marshall County, West Virginia, to the extent Assignor has ownership interests in such depths (the "Applicable Depths"), recognizing that the actual depth will vary across such oil, gas and mineral leases (collectively, but subject to such exclusion, the "Leasehold Interests").

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MAR 22 2016

WW-2B1
(5-12)

Well No. Black Cherry 1 V-1

West Virginia Department of Environmental Protection
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

Be advised, you have the right to sample and analyze any water supply at your own expense.

Listed below is the laboratory chosen by operator to perform analysis, and contactor chosen to collect sample.

Certified Laboratory Name: Fairway Laboratories
Sampling Contractor: Fairway Laboratories

Well Operator: Alliance Petroleum Corporation
Address: 4150 Belden Village Avenue, Suite 410
Canton, Ohio 44718
Telephone: 330-493-0440

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site, the Chief may require the operator to test wells up to 2000 feet from the proposed site.

See Attached

Received
Office of Oil & Gas
MAR 23 2016

Alliance Petroleum Corporation

WELL OPERATOR: Alliance Petroleum Corporation

WELL Name and #: Black Cherry 1 V-1

Notice to Surface Owner or Resident

4150 Belden Village Avenue *N.W I* Suite *410 I* Canton, *Ohio 4471 8-2553 330-493-0440 Fax 330-493 -3409*

The initial mapping review of the area surrounding the proposed well site revealed the below listed surface owner(s) that was potentially utilizing groundwater (potable) for consumption or other purposes within 1,000' radius of the proposed well site. The following surface owner(s) will be notified of the opportunity to request a water sample should it be necessary. *Please note that the following information listed below could be subject to change upon further field inspection.

Surface Owner or Resident Notified:

Owner: KENNETH L. DENNISON

Address: 98 DORA MAE LANE WALLACE, WV 26448

Comments: Tax Parcel #14-184-20

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Office of Oil & Gas
MAR 23 2016

Alliance Petroleum Corporation

WELL OPERATOR: Alliance Petroleum Corporation

WELL Name and #: Black Cherry 1 V-1

Notice to Surface Owner or Resident

4150 Belden Village Avenue *N.W I* Suite *410 I* Canton, *Ohio 4471 8-2553 330-493-0440 Fax 330-493 -3409*

The initial mapping review of the area surrounding the proposed well site revealed the below listed surface owner(s) that was potentially utilizing groundwater (potable) for consumption or other purposes within 1,000' radius of the proposed well site. The following surface owner(s) will be notified of the opportunity to request a water sample should it be necessary. *Please note that the following information listed below could be subject to change upon further field inspection.

Surface Owner or Resident Notified:

Owner: KENNETH E. REESE JR

Address: 247 LITTLE ELK RD WALLACE, WV 26448

Comments: Tax Parcel #14-184-18.1

Received
Office of Oil & Gas
MAR 23 2016

Alliance Petroleum Corporation

WELL OPERATOR: Alliance Petroleum Corporation

WELL Name and #: Black Cherry 1 V-1

Notice to Surface Owner or Resident

4150 Belden Village Avenue *N.W I* Suite *410 I* Canton, *Ohio 4471 8-2553 330-493-0440 Fax 330-493 -3409*

The initial mapping review of the area surrounding the proposed well site revealed the below listed surface owner(s) that was potentially utilizing groundwater (potable) for consumption or other purposes within 1,000' radius of the proposed well site. The following surface owner(s) will be notified of the opportunity to request a water sample should it be necessary. *Please note that the following information listed below could be subject to change upon further field inspection.

Surface Owner or Resident Notified:

Owner: CONSOLIDATION COAL COMPANY

Address: 1000 CONSOL ENERGY DR CANONSBURG, PA 15317

Comments: Tax Parcel #14-183-30

Tax Parcel #14-183-40

Tax Parcel #14-183-41

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MAR 23 2016

Water

Alliance Petroleum Corporation

WELL OPERATOR: Alliance Petroleum Corporation

WELL Name and #: Black Cherry 1 V-1

Notice to Surface Owner or Resident

4150 Belden Village Avenue *N.W I* Suite *410 I* Canton, *Ohio 4471 8-2553 330-493-0440 Fax 330-493 -3409*

The initial mapping review of the area surrounding the proposed well site revealed the below listed surface owner(s) that was potentially utilizing groundwater (potable) for consumption or other purposes within 1,000' radius of the proposed well site. The following surface owner(s) will be notified of the opportunity to request a water sample should it be necessary. *Please note that the following information listed below could be subject to change upon further field inspection.

Surface Owner or Resident Notified:

Owner: CLARENCE J. & CARLANNA M. MILLER

Address: 139 DORA MAE LANE WALLACE, WV 26448

Comments: Tax Parcel #14-184-18

Tax Parcel #14-184-5

Received
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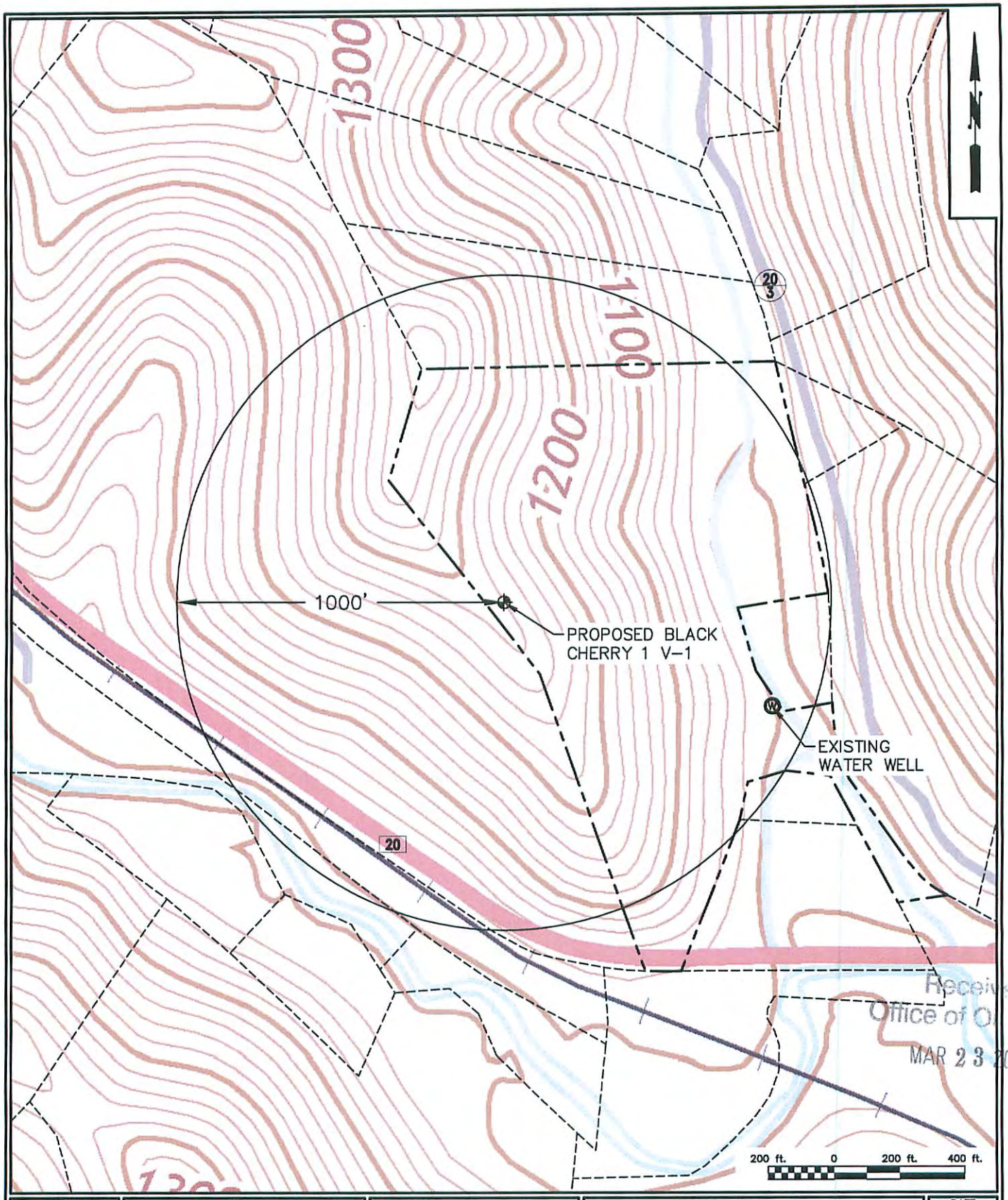
MAR 23 2016



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CAD FILE: R:\030-2996-BLACK CHERRY 1-ALLIANCE PETROLEUM-\Drawing\2996-SitePlan.dwg PLOT DATE/TIME: 3/16/2016 3:14 PM

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THRASHER
THE THRASHER GROUP INC.
600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330
PHONE (304) 624-4108 · FAX (304) 624-7831

APC
Alliance Petroleum Corporation

BLACK CHERRY 1 V-1

SARDIS DISTRICT, HARRISON CO, WV

1000-FT RADIUS FOR WATER SAMPLING ON WALLACE, WV 7.5 USGS QUAD

DATE 03/16/2016

SHEET No. 2

SDW 3/22/2016

2019 Ninth Avenue
PO Box 1925
Altoona, PA 16603
(814) 946-4306
NELAP: PA 07-062, VA 460212

89 Kristi Road
Pennsdale, PA 17756
(570) 494-6380
PaDEP: PA 41-04684

FAIRWAY LABORATORIES

State Certifications: MD 275, WV 364

www.fairwaylaboratories.com

Alliance Petroleum		Project:	BLACK CHERRY
4150 Belden Village Ave. NW, Suite 410		Project Number:	Miller, Clarence & CarAnne **Reported:**
Canton OH, 44718		Collector:	VB 03/30/16 16:33
Project Manager:	Patrick Joyce	Number of Containers:	3

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
139 DORA MAE ROAD/WELL	6C24043-01	Water	Grab	03/23/16 09:15	03/24/16 11:10

Client Sample ID: 139 DORA MAE ROAD/WELL **Date/Time Sampled:** 03/23/16 09:15

Laboratory Sample ID: 6C24043-01 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Method	* Analyst	Note
Metals by EPA 200 Series Methods								
Iron	43.6	0.0179	0.0400	mg/l	03/30/16 10:53	EPA 200.7/4.4	rab	
Conventional Chemistry Parameters by SM/EPA Methods								
Chloride	3.00 J	0.206	5.00	mg/l	03/30/16 09:14	EPA 300.0/2.1	bdw	
Methylene Blue Active Substances	<0.0240	0.0240	0.0500	mg/l	03/25/16 09:02	SM 5540 C-11	clb	
pH @ 24.04°C	7.51			pH Units	03/29/16 21:32	SM 4500-H+B-11	SNW	
Total Dissolved Solids	64.0	4.00	40.0	mg/l	03/25/16 15:36	SM 2540 C-97	arr	

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Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
Laboratory Director

Fairway Labs in Altoona, PA is a NELAP (National Environmental Laboratory Accreditation Program) accredited lab, and as such, certifies that all applicable test results meet the requirements of NELAP, unless otherwise stated on the analytical report.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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FAIRWAY LABORATORIES

State Certifications: MD 275, WV 364

www.fairwaylaboratories.com

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4150 Belden Village Ave. NW, Suite 410		Project Number:	Miller, Clarence & CarAnne **Reported:**
Canton OH, 44718		Collector:	VB 03/30/16 16:33
Project Manager:	Patrick Joyce	Number of Containers:	3

Notes

J Detected between the Method Detection Limit (MDL) and the Reporting Limit (RL); therefore, result is an estimated value.

Definitions

If surrogate values are not within the indicated range, then the results are considered to be estimated.

Reporting limits are adjusted accordingly when samples are analyzed at a dilution due to the matrix.

The following analyses are to be performed immediately upon sampling: pH, sulfite, chlorine residual, dissolved oxygen, filtration for ortho phosphorus, and ferrous iron. The date and time reported reflect the time the samples were analyzed at the laboratory.

MBAS, calculated as LAS, mol wt 348

If the solid sample weight for VOC analysis does not fall within the 3.5-6.5 gram range, the results are considered estimated values.

Unless otherwise noted, all results for solids are reported on a dry weight basis.

Samples collected by Fairway Laboratories' personnel are done so in accordance with Standard Operating Procedures established by Fairway Laboratories.

* P indicates analysis performed by Fairway Laboratories, Inc. at the Pennsdale location. This location is PaDEP Chapter 252 certified.

< Represents "less than" - indicates that the result was less than the reporting limit.

MDL Method Detection Limit - is the lowest or minimum level that provides 99% confidence level that the analyte is detected. Any reported result values that are less than the RL are considered estimated values.

RL Reporting Limit - is the lowest or minimum level at which the analyte can be quantified.

[CALC] Indicates a calculated result. Calculations use results from other analyses performed under accredited methods.

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Alliance Petroleum		Project:	BLACK CHERRY
4150 Belden Village Ave. NW, Suite 410		Project Number:	Miller, Clarence & CarAnne **Reported:**
Canton OH, 44718		Collector:	VB 03/30/16 16:33
Project Manager:	Patrick Joyce	Number of Containers:	3

Terms & Conditions

Services provided by Fairway Laboratories Inc. are limited to the terms and conditions stated herein, unless otherwise agreed to in a formal contract.

CHAIN OF CUSTODY Fairway Laboratories Inc. ("Fairway," "us" or "we") will initiate a chain-of-custody/request for analysis upon sample receipt unless the client includes a completed form with the received sample(s). Upon request, Fairway will provide chain-of-custody forms for use.

CONFIDENTIALITY Fairway maintains confidentiality in all of our client interactions. The client's consent will be required before releasing information about the services provided.

CONTRACTS All contracts are subject to review and approval by Fairway's legal council. Each contract must be signed by a corporate officer.

PAYMENT/BILLING Unless otherwise set forth in a signed contract or purchase order, terms of payment are "NET 30 Days." The time allowed for payment shall begin based on the invoice date. A 1.5% per month service charge may be added to all unpaid balances beyond the initial 30 days. In its sole discretion, Fairway reserves the right to request payment before services and hold sample results for payment of due balances. We will not bill a third party without prior agreement among all parties acknowledging and accepting responsibility for payment.

SAMPLE COLLECTION AND SUBMISSION Clients not requesting collection services from Fairway are responsible for proper collection, preservation, packaging, and delivery of samples to the laboratory in accordance with current law and commercial practice. Fairway shall have no responsibility for sample integrity prior to the receipt of the sample(s) and/or for any inaccuracy in test or analyses results as a result of the failure of the client or any third party to maintain the integrity of samples prior to delivery to Fairway. All samples submitted must be accompanied by a completed chain of custody or similar document clearly noting the requested analyses, dates/time sampled, client contact information, and trail of custody.

SUBCONTRACTING Some analyses may require subcontracting to another laboratory. Unless the client indicates otherwise, this decision will be made by Fairway. Subcontracted work will be identified on the final report in accordance with NELAC requirements.

RETURN OF RESULTS Fairway routinely provides faxed or verbal results within 10 working days of receipt of sample(s) and a hard copy of the data results is routinely received via US Postal Service within 15 working days. At the request of the client, Fairway may offer expedited return of sample results. Surcharges may apply to rush requests. All rush requests must be pre-approved by Fairway. We reserve the right to charge an archive retrieval fee for results older than one (1) year from the date of the request. All records will be maintained by Fairway for 5 years, after which, they will be destroyed.

SAMPLE DISPOSAL Fairway will maintain samples for four (4) weeks after the sample receipt date. Fairway will dispose of samples which are not and/or do not contain hazardous wastes (as such term is defined by applicable federal or state law), unless prior arrangements have been made for long-term storage. Fairway reserves the right to charge a disposal fee for the proper disposal of samples found or suspected to contain hazardous waste. A return shipping charge will be invoiced for samples returned to the client at their request.

HAZARD COMMUNICATION The client has the responsibility to inform the laboratory of any hazardous characteristics known or suspected about the sample, and to provide information on hazard prevention and personal protection as necessary or otherwise required by applicable law.

WARRANTY AND LIMITATION OF LIABILITY For services rendered, Fairway warrants that it will apply its best scientific knowledge and judgment and to employ its best level of effort consistent with professional standards within the environmental testing industry in performing the analytical services requested by its clients. We disclaim any other warranties, expressed or implied by law. Fairway does not accept any legal responsibility for the purposes for which client uses the test results.

LITIGATION All costs associated with compliance to any subpoena for documents, for testimony in a court of law, or for any other purpose relating to work performed by Fairway Laboratories, Inc. shall be invoiced by Fairway and paid by client. These costs shall include, but are not limited to, hourly charges for the persons involved, travel, mileage, and accommodations and for any and all other expenses associated with said litigation.

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Fairway Labs in Altoona, PA is a NELAP (National Environmental Laboratory Accreditation Program) accredited lab, and as such, certifies that all applicable test results meet the requirements of NELAP, unless otherwise stated on the analytical report.

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COC # 6C24043 #1 1 of 2

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

FAIRWAY LABORATORIES INC.

Client Name:	Alliance Petroleum Corporation
Address:	4150 Belden Village Ave. NW
	Suite 410, Canton, OH 44718-2553
Contact:	Patrick Joyce
Phone #:	817.946.9772
Fax #:	
Project Name:	Black Cherry
Quote/PO #:	Miller, Clarence & CarAnne

Receiving Info	Y	N
Custody Seals		
Seals Intact?		
Received on ice? 2.7	✓	
COC/ Labels agree?		
Correct containers?		
Correct preservation?		
VOA head space		
Sample Temp:		
Report to PADEP?		
PWSID #:		

TAT:

Normal	
Rush	03/30/16
Date Required:	

FLI use only	Sample Description / Location	Sample Date	Sample Time	Grab or Composite	Soil	Water	Other? Explain	# of Containers	pH, Fe, TDS, Chloride, MBAS				Comments
	139 Dora Mae Road												
													(2) 1L Poly Nit
	WELL	3/23/2016	09:15	G		X		3	X				(1) 500mL Poly Nitric

	Signature	Date	Time
Sampled by:	Valerie Bryan	03/23/16	12:00
Received by:			
Relinquished by:			
Received by:			
Relinquished by:			
Received by:	B. Bar[illegible]	3-23-16	1110

Remarks

Circle One : PA (WV) OH

Field pH & Temp

6.88 @ 10.7°C

2019 9th Avenue, P.O. Box 1925, Altoona, PA 16602 • P: 814-946-4306/F: 814-946-8791 • www.fairwaylaboratories.com

FEDEX - 8011 1903 3056

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SOP FLI0601-002 Revision 21 Date: December 4, 2015 Page of

Chain of Custody Receiving Document

Page 2 of 2

#2

Receiver: B Barnes

Date/Time of this check: 3-24-16 1230 Client: ALLIANCE PETROL CORP Lab # 6C24043

Received on ICE? Y ☐ * **Sample Temperature when delivered to the Lab:** 2.7 **Acceptable?** Y ☐ * **or In cool down process?** ☐ *

(Not applicable for WV compliance)

Custody Seals? N Intact? '

COC/Labels on bottles agree? Y ☐* Correct containers for all the analysis requested? Y ☐ * Matrix: water

COC #	Number and Type of BOTTLES										Comments
	Poly Non-Pres.	Poly H2SO4	Poly HNO3	Amber H2SO4	Amber Non-Pres.	Poly NaOH	VOCS (Head space?)	Other ☐ *	Properly Preserved ☐ *	Bacti	
WELL	2		1						Y		

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* DEVIATION PRESENT:	CLIENT CALLED:	CLIENT RESPONSE:
☹ No Ice ( )	YES ( )	Proceed with analysis; qualify data ( )
☹ Not at Proper Temperature ( )	By Whom:	Will Resample ( )
☹ Wrong Container ( )		Provided Information ( )
☹ Missing Information: ( )	_____ Date: _____	No Response; Proceed and qualified ( )
		Client Contact: _____ Date: _____

* Comments: _____

This is a date sensitive document and may not be current after March 21, 2016.

Miller - well

LOC24043 #3

SITE VISIT FORM - QUESTIONNAIRE

Part A: General Information

Sample ID: Well	Owner's Name: Clarence & CarAnna Miller
Sampled By: Valerie Bryan	Date Sampled: 03/23/16 09:15

Person Interviewed (circle one): (Owner) Resident Other:

PROPERTY OWNER	RESIDENT OR OTHER
Name: Clarence & CarAnna Miller	Name:
Address: 139 Dora Mae Lane	Address: Same
Address: Wallace, WV 26448	Address:
Phone No.: (304) 796-4933	Phone No.:

Part B: Water Quality

Visual Inspection (prior to treatment)	Yes	No	Type of Treatment System		Type of Pump	
Staining	☐	☐	None	✓	None	☐
Odor	☐	☐	Softening	☐	Gas Piston	☐
Cloudiness	☐	☐	Chlorination	☐	Submersible	✓
Sheen	☐	☐	Iron Removal	☐	Windmill	☐
Taste bad	☐	☐	In-line sediment filter	☐	Jet	☐
			Charcoal filter	☐	Other	☐
			UV light	☐		
	N/A. Well never used		ph Adjust	☐	Pump not in working condition	
			Other	☐		

Part C: Water Source Information

Coordinates: (deg/min/sec in NAD83) Lat 39.39793 Long -80.46887 Elevation 997'

Distance from residence 40' Distance from proposed gas well _____

Supply Type	Water Use	Well Data	Spring Data
Well No. 1	Domestic (drinking, cooking, laundry) NO	Drilled Well Yes	Gravity Feed .
Spring No. .	Husbandry NO	Depth of Well unknown	Pump .
Cistern .	Irrigation NO	Dug Well .	Spring House .
Public Water Yes	Other Not in use	Static Level 10'	Underground Vault .
Other _____		Does well go dry? .	
		If 'Y' how often? _____	
		Previously sampled? .	
		By whom? _____	
		Willing to share results? .	

SAMPLED:		SAMPLING POINT LOCATION:			
Before Treatment	☐	Inside faucet	☐	Bailed from spring	☐
After Treatment	☐	Outside faucet	☐	Wellhead	☐
No Treatment	✓	Pressure tank	☐	Overflow	☐
		Bailed from well	✓	Pump house	☐

Was the water source purged before sampling Yes ☐ No ✓ If yes, volume (gal.) and/or time (min) pumped _____

How many water sources 2 Do these sources supply any other property? N/A

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Miller - well

6C24043 #

SITE VISIT FORM - QUESTIONNAIRE

List all Sources:
(1) Well, Public Water

Is the water source(s) located on the property: Yes
If No, please explain:

PART E: DESCRIPTION OF WATER SOURCE

- [x] Loose, missing, or damaged well cap (circle one)
- [ ] Evidence of insects, spiders, animals in well cap
- [ ] Cracked or damaged well casing
- [ ] Missing/damaged pit-less adaptor
- [x] Water source open to surface water
- [ ] Additional storage or holding tank/coyote system
- [ ] Malfunctioning treatment system

Well has not been used since the Millers have owned the property,
No knowledge of when or who drilled the well.

Number of persons using this water source N/A

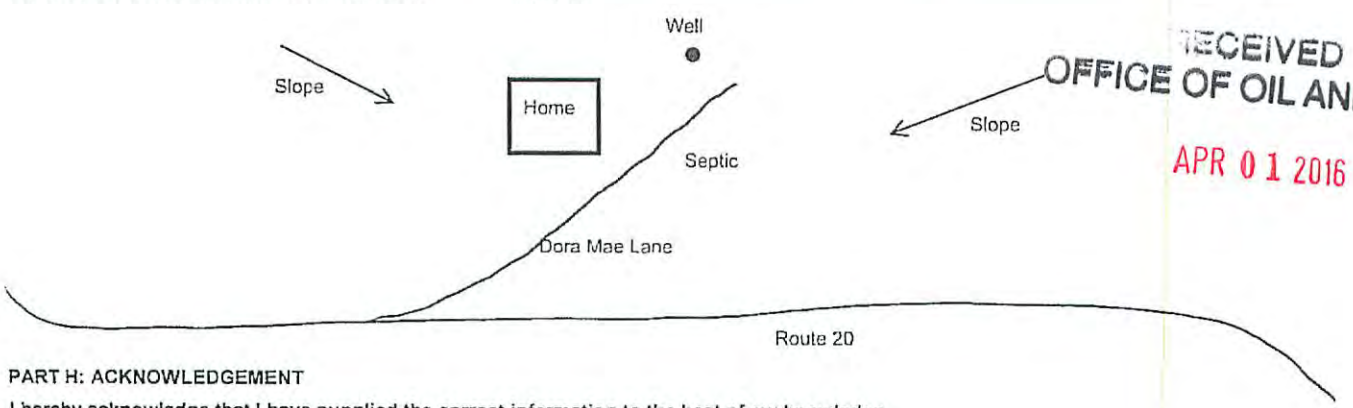
Depth to water level: _____ ft. Date Drilled _____

Size of cistern or Pressure Tank _____ gal. [ ] Actual size [ ] Estimated size [ ] Unknown

PART F: DESCRIPTION OF AREA SURROUNDING WATER SOURCE (check all that apply)

- [x] Ground Sloping toward water source
- [ ] Water source down gradient of septic system
- [ ] Signs of failing septic, soggy ground, foul odor (circle all that apply)
- [ ] Close proximity to garden, orchard, greenhouse. Approximate distance: _____
- [ ] Close proximity to junkyard, dumping area, landfill. Approximate distance _____
- [ ] Close proximity to fuel storage tanks, equipment storage areas, garage. Approximate distance _____
- [ ] Located in field with livestock, barn, barnyard, other out building. Approximate distance_____
- [ ] Close proximity to salt storage area, salted roadway. Approximate distance: _____

PART G: PLAN SKETCH and PHOTOGRAPHS



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PART H: ACKNOWLEDGEMENT

I hereby acknowledge that I have supplied the correct information to the best of my knowledge.

Technician Signature: Valerie Bryan Date: 03/23/16

WELL Black Cherry APC
PURVEYOR Miller, C.
ADDRESS 139 Dora Mae Lane
SOURCE Well
DATE/TIME 03/23/16 09:15
GPS LAT. 39.39793 ELEV.
LONG. -80.46887 997'

OFFICE OF OIL AND GAS
APR 01 2016
WELL Black Cherry
PURVEYOR Miller, C
ADDRESS 134 Dora Mae Lane
SOURCE Well
DATE/TIME 03/23/16 0919
GPS LAT. 39.39993 ELEV.
LONG. -80.46887

WW-9
(2/15)

API Number 47 - 033 -
Operator's Well No. Black Cherry 1 V-1

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Alliance Petroleum Corporation OP Code 305762

Watershed (HUC 10) Quadrangle Wallace

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: Drill Cuttings - Soap - Brine

Will a synthetic liner be used in the pit? Yes ☑ No ☐ If so, what ml.? 60

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 ____

SDW 3/22/2016

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. Air

-If oil based, what type? Synthetic, petroleum, etc. ____

Additives to be used in drilling medium? Soap - KCL - Clay Stabilizer

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Leave in pit

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) Lime

-Landfill or offsite name/permit number? ____

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 Jeffrey Sayger

Company Official (Typed Name) Jeffrey Sayger

Company Official Title Designated Agent

Received
Office of Oil & Gas
MAR 23 2016

NOTARIAL SEAL STATE OF OHIO

Justin Smith
Notary Public State of Ohio
My Commission Expires
February 26, 2018

Subscribed and sworn before me this 22 day of March, 2016

Notary Public

My commission expires 2/26/2018

Form WW-9

Operator's Well No. Black Cherry 1 V-1

Alliance Petroleum Corporation

Proposed Revegetation Treatment: Acres Disturbed 2.0 Prevegetation pH 6.5

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10 -20 -10

Fertilizer amount 667 lbs/acre

Mulch 2(Hay) Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
KY - 31	40	Orchard Grass	15
Alsike Clover	5	Alsike Clover	5
Annual Rye	15		

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.

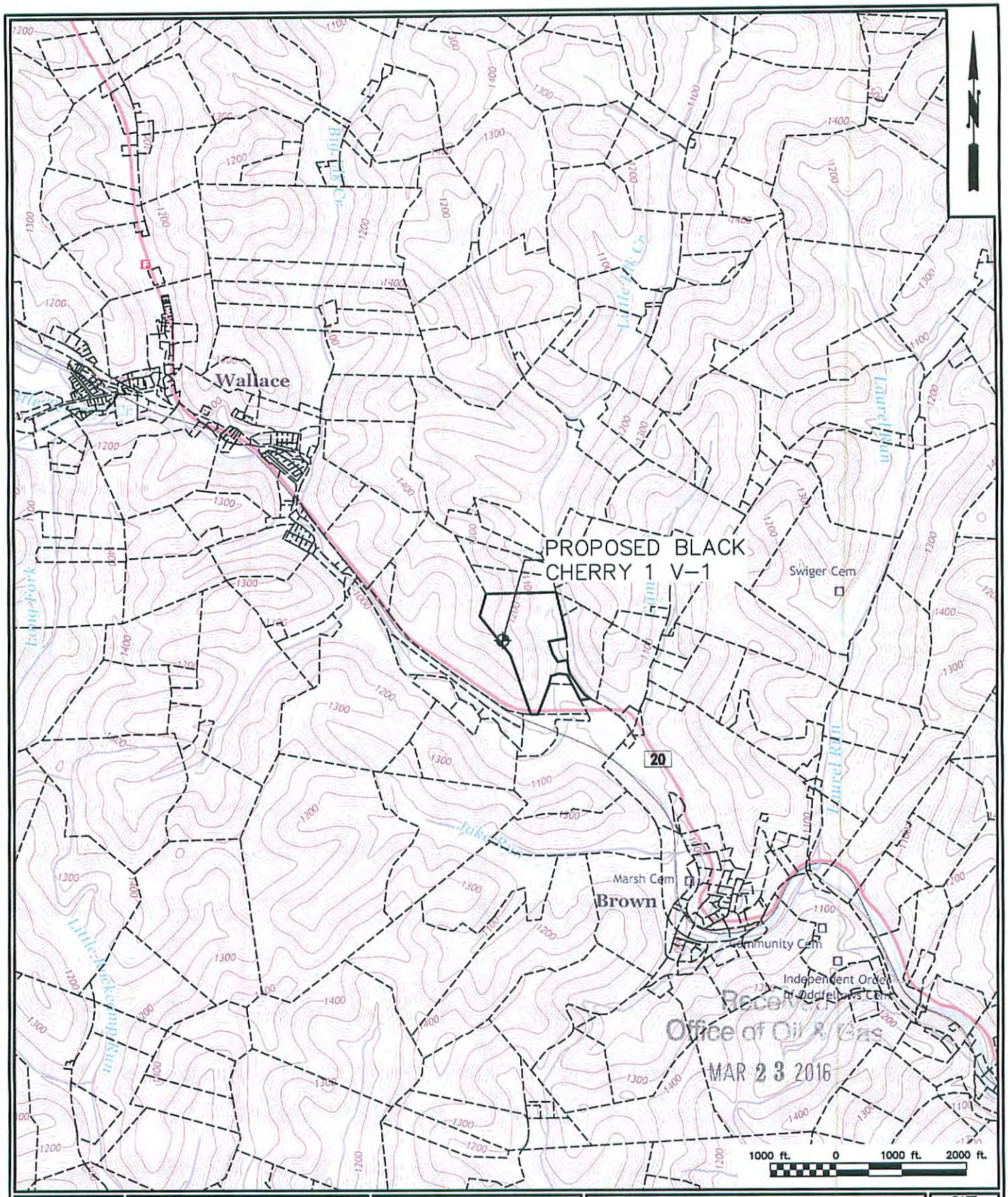
Plan Approved by: Saul D Wardell

Comments: Pre-Seed/mulch as soon as reasonably possible per regulation. Upgrade E&S as necessary per WV DEP E&S manual. Culverts are not drawn in. Must conform to WV DEP Regulation

Title: OOG Inspector Date: 6/22/2016

Field Reviewed? (X) Yes ( ) No

Received
Office of Oil & Gas
MAR 23 2016



Received
Office of Oil & Gas
MAR 23 2016

CAD FILE: R:\030-2006-BLACK CHERRY 1-ALLIANCE PETROLEUM-\Drawing\2006-SitePlan.dwg PLOT DATE/TIME: 3/16/2016 3:14 PM

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THRASHER
THE THRASHER GROUP INC.
600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330
PHONE (304) 624-4108 · FAX (304) 624-7831

APC
Alliance Petroleum Corporation

BLACK CHERRY 1 V-1

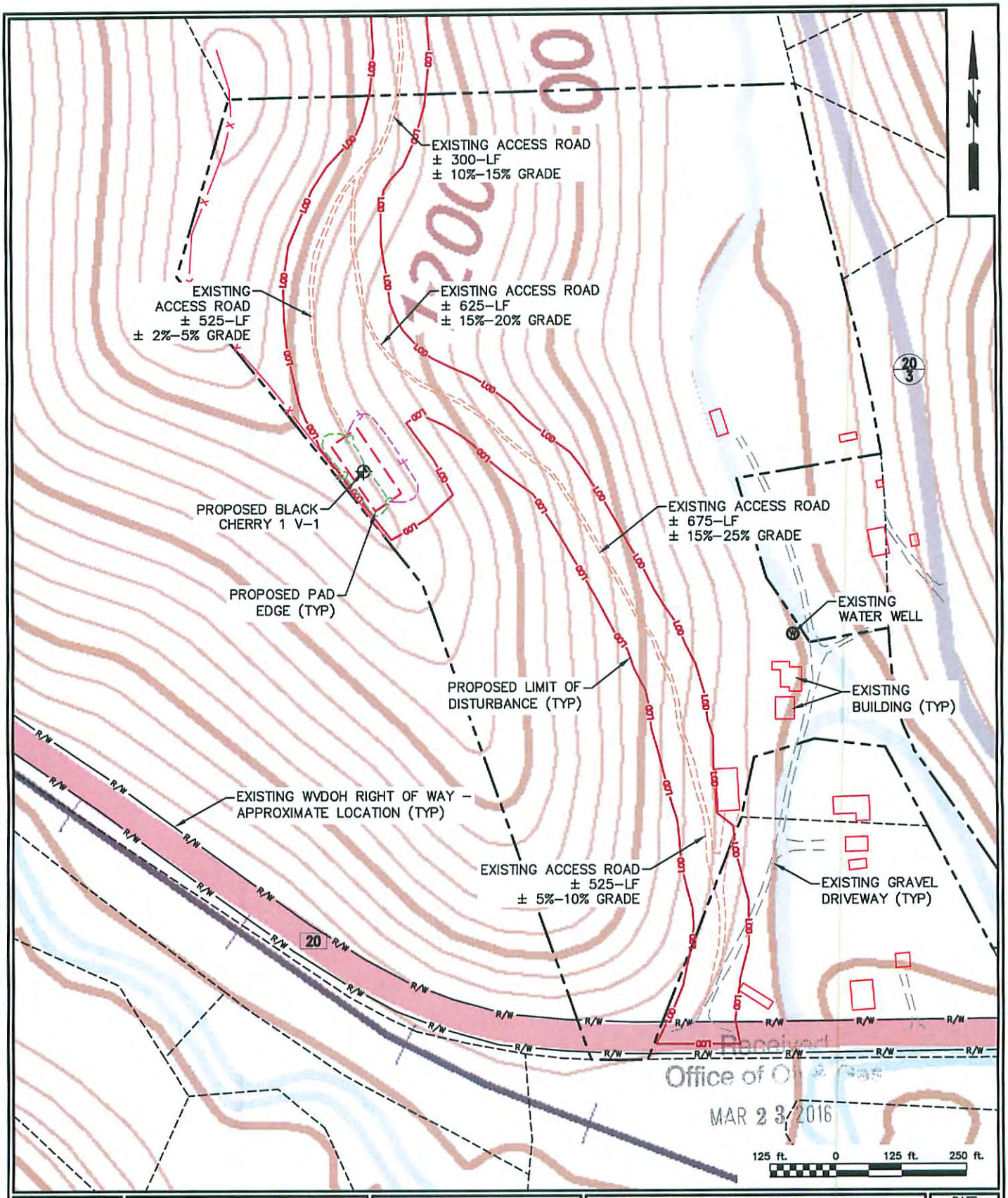
SARDIS DISTRICT, HARRISON CO, WV

SITE LOCATION
ON WALLACE, WV 7.5 USGS QUAD

DATE
03/16/2016

SHEET No.
1

SDW
3/22/2016



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BLACK CHERRY 1 V-1

SARDIS DISTRICT, HARRISON CO, WV

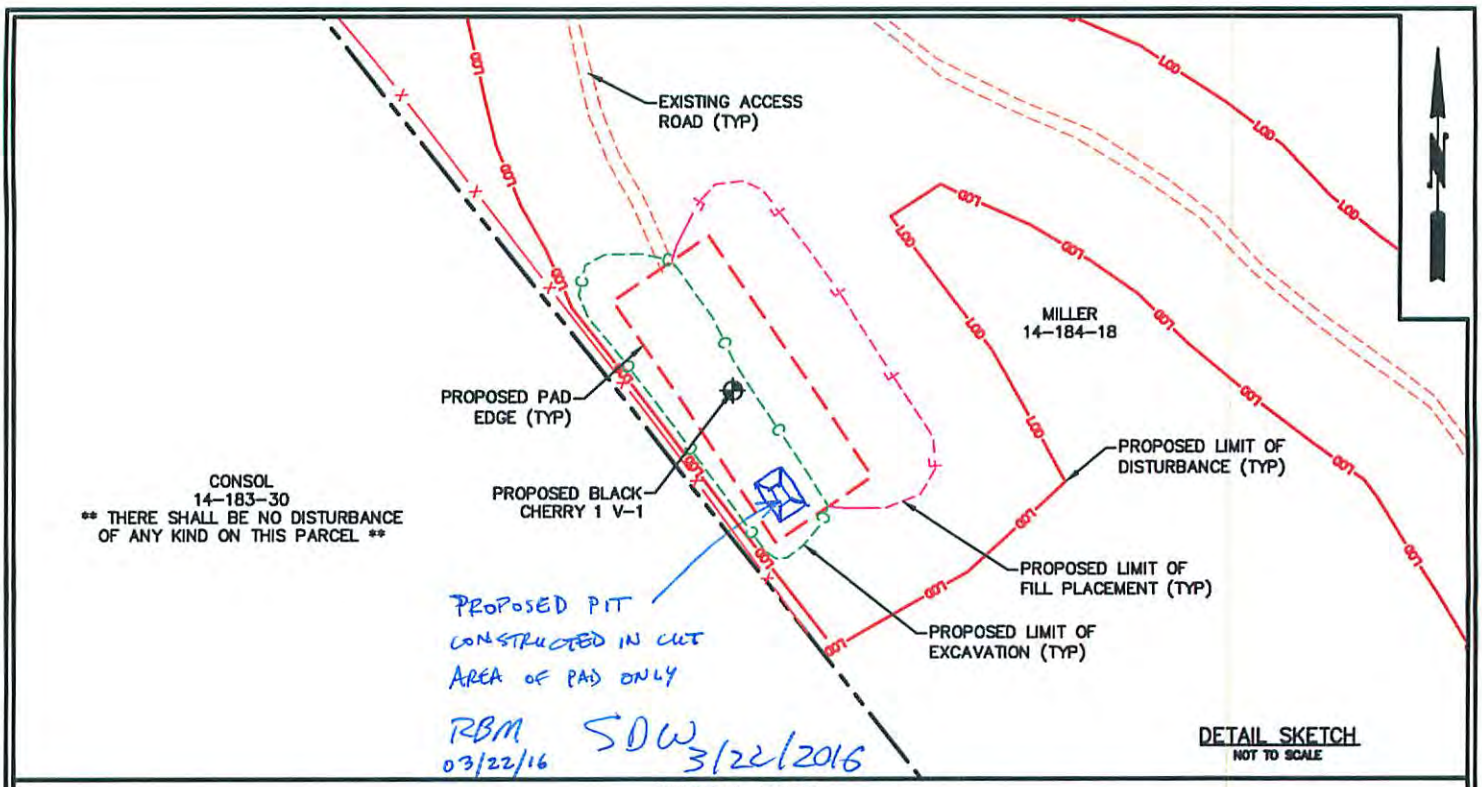
SITE PLAN
ON WALLACE, WV 7.5 USGS QUAD

DATE
03/16/2016

SHEET No.
3

CAD FILE: R:\030-2996-BLACK CHERRY 1-ALLIANCE PETROLEUM-\Drawing\2996-SitePlan.dwg PLOT DATE/TIME: 3/16/2016 3:14 PM

JDW 3/22/2016



DETAIL SKETCH
NOT TO SCALE

GENERAL NOTES

1. ALL ROADS SHOWN ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH THE WVDEP OIL AND GAS BMP MANUAL. ENTRANCES AT COUNTY OR STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH THE WVDOH REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE WVDOH.

2. EROSION AND SEDIMENT CONTROLS SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE WVDEP OIL AND GAS BMP MANUAL. APPROPRIATE EROSION CONTROL BARRIERS SHALL BE INSTALLED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED BY THE WVDEP OIL AND GAS BMP MANUAL. WHEN FIELD CONDITIONS (ROCK OUTCROPS OR BEDROCK) PROHIBIT THE EXCAVATION OF AN INLET SUMP, ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTALLED AT THE CULVERT OR CROSS DRAIN OUTLET AS NECESSARY.

3. THE CONTRACTOR SHALL HAVE ON THE SITE AT ALL TIMES A COMPETENT SUPERINTENDENT CAPABLE OF READING AND UNDERSTANDING THE CONSTRUCTION DOCUMENTS AND THOROUGHLY EXPERIENCED IN THE TYPE OF WORK BEING PERFORMED, AND SHALL BE ABLE TO COORDINATE WITH THE OPERATOR.

4. EVERY WHERE WITHIN THESE PLANS THE LIMIT OF DISTURBANCE REPRESENTS THE LIMIT OF CLEARING. CONTRACTOR SHALL NOT CLEAR ANY TREES BEYOND THE LIMIT OF DISTURBANCE AND SHALL NOT CLEAR TREES IF THE PROPOSED WORK CAN BE COMPLETED WITHOUT CUTTING. CONTRACTOR SHALL STOCKPILE ALL TIMBER WITHIN THE LIMIT OF DISTURBANCE.

5. FILL SHALL BE PLACED IN LIFTS OF MAXIMUM LOOSE DEPTH OF 9 INCHES. THE MATERIAL SHALL BE COMPACTED TO AT LEAST 95 PERCENT OF MAXIMUM DRY DENSITY AT MOISTURE CONTENT WITHIN PLUS OR MINUS THREE PERCENT (±3%) OF THE OPTIMUM AS DETERMINED BY ASTM D698. IF FILL FAILS COMPACTION TESTING, THE CONTRACTOR SHALL REWORK (RE-COMPACT, WATER AND RE-COMPACT, EXCAVATE AND DRY, ETC.) THE MATERIAL TO ACHIEVE THE SPECIFIED COMPACTION. THE CONTRACTOR MAY BE REQUIRED BY THE ENGINEER AND IN ACCORDANCE WITH THE NOTES AND DETAILS WITHIN THESE PLANS TO EXCAVATE FILL AND REPLACE WITH MATERIALS CAPABLE OF MEETING THE COMPACTION SPECIFICATIONS.

6. REMOVE AND REPLACE, OR SCARIFY AND AIR DRY, SOIL MATERIAL THAT IS TOO WET TO PERMIT COMPACTION TO SPECIFIED DENSITY. SOIL MATERIAL THAT HAS BEEN REMOVED BECAUSE IT IS TOO WET TO PERMIT COMPACTION MAY BE STOCKPILED OR SPREAD AND ALLOWED TO DRY. ASSIST DRYING BY DISKING, HARROWING OR PULVERIZING, UNTIL THE MOISTURE CONTENT IS REDUCED TO A SATISFACTORY VALUE, AS DETERMINED BY MOISTURE-DENSITY RELATION TESTS.

7. COMPACTOR FOR MASS EARTHWORK SHALL BE MINIMUM TEN TON STATIC SHEEPSFOOT COMPACTOR AS APPROPRIATE FOR THE TYPE OF SOIL MATERIAL AT THE SITE OR OTHER COMPACTOR APPROVED BY THE ENGINEER AND IN ACCORDANCE WITH THE NOTES AND DETAILS WITHIN THESE PLANS.

8. IN AREAS TO RECEIVE FILL AND AT THE FINAL CUT SUBGRADE, PROOF ROLL AND COMPACT THE EXPOSED GROUND SURFACE IN ACCORDANCE WITH THE NOTES AND DETAILS WITHIN THESE PLANS FOLLOWING CLEARING AND GRUBBING AND ANY REQUIRED EXCAVATION WITH A MINIMUM OF FOUR PASSES OF AN APPROVED COMPACTOR. PROOF ROLLING SHALL BE UNDER THE OBSERVATION OF THE ENGINEER AS DESCRIBED HEREIN. IMMEDIATELY FOLLOWING THE COMPLETION OF EXCAVATION TO PROPOSED SUBGRADES IN CUT AREAS, PROOF ROLLING SHALL BE PERFORMED AS SPECIFIED. ANY AREAS WHICH DEFLECT, RUT, OR PUMP UNDER THE LOADED DUMP TRUCK SHALL BE UNDERCUT AND REPLACED WITH COMPACTED FILL MATERIAL OR STONE BASE COURSE AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OPERATOR.

9. PROOF ROLLING SHALL BE DONE WITH ONE PASS OF A FULLY LOADED TANDEM DUMP TRUCK EQUAL TO OR EXCEEDING 50,000-LB OR OTHER CONSTRUCTION EQUIPMENT IF APPROVED BY THE ENGINEER AND IN ACCORDANCE WITH THE NOTES AND DETAILS WITHIN THESE PLANS. PROOF ROLLING METHODS SHALL BE AS FOLLOWS:

   9.1. AFTER THE SUBGRADE HAS BEEN COMPLETED THE SUBGRADE SHALL THEN BE PROOF ROLLED. THE COVERAGE AREAS AND METHODS SHALL BE IDENTIFIED BY THE ENGINEER.

   9.2. THE EQUIPMENT SHALL BE OPERATED AT A SPEED THAT THE ENGINEER CAN COMFORTABLY AND SLOWLY WALK ALONG SIDE THE EQUIPMENT.

   9.3. IF IT BECOMES NECESSARY TO TAKE CORRECTIVE ACTION, SUCH AS BUT NOT LIMITED TO UNDERDRAIN INSTALLATION, UNDERCUT AND BACKFILL OF AN UNSUITABLE MATERIAL, AND AERATION OF EXCESSIVELY WET MATERIAL IN AREAS THAT HAVE BEEN PROOF ROLLED. THESE AREAS SHALL BE PROOF ROLLED AGAIN FOLLOWING THE COMPLETION OF THE NECESSARY CORRECTIONS. IF THE CORRECTIONS ARE NECESSARY DUE TO THE NEGLIGENCE OF THE CONTRACTOR, THE CORRECTIVE WORK AND ADDITIONAL PROOF ROLLING SHALL BE PERFORMED BY THE CONTRACTOR AT NO COST TO THE OPERATOR.

10. THE CONTRACTOR SHALL LOCATE AND PROTECT EXISTING UTILITIES AND FACILITIES FROM DAMAGE BY EQUIPMENT OR PERSONNEL. THE CONTRACTOR SHALL CONTACT ALL UTILITY AND FACILITY AGENCIES FOR FIELD MARKING PRIOR TO BEGINNING CONSTRUCTION. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR IT'S REPRESENTATIVE. THE EXISTING UTILITY INFORMATION IS THE BEST AVAILABLE AND MAY NOT BE COMPLETELY ACCURATE OR REPRESENTATIVE OF ACTUAL CONDITIONS. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND/OR OWNER IN WRITING, OF ANY EXISTING DAMAGED UTILITIES PRIOR TO BEGINNING CONSTRUCTION. ANY UTILITIES OR FACILITIES DAMAGED DURING THE PROJECT BY THE CONTRACTOR OR EQUIPMENT SHALL BE PROMPTLY REPAIRED AT THE CONTRACTOR'S EXPENSE. HAND DIGGING TO PROTECT UTILITIES FROM DAMAGE SHOULD BE ANTICIPATED.

11. ALL DISTURBED AREAS, INCLUDING THE CONTRACTORS STAGING AREA, HAUL ROUTES, GRADING LIMITS, ETC. SHALL BE RESTORED TO A SMOOTH LINE AND GRADE WITH POSITIVE DRAINAGE. THE CONTRACTOR SHALL SEED AND MULCH ALL DISTURBED AREAS. THERE WILL BE NO MEASUREMENT FOR PAYMENT OF SEEDING AND MULCHING REQUIRED OUTSIDE THE GRADING LIMITS.

12. THE CONTRACTOR SHALL PROVIDE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AND OTHER ACTIONS AS REQUIRED BY LOCAL AND STATE REGULATIONS OR REQUESTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING OR MODIFYING EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION IN ORDER TO PREVENT EROSION. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH "WEST VIRGINIA EROSION AND SEDIMENT CONTROL FIELD MANUAL", AVAILABLE AT: http://www.dep.wv.gov/oil-and- gas/Documents/Erosion%20Manual%2004.pdf

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APC
Alliance Petroleum Corporation

BLACK CHERRY 1 V-1

SARDIS DISTRICT, HARRISON CO, WV

WELL PAD DETAIL SKETCH AND GENERAL NOTES

DATE 03/22/2016

SHEET No. 4

CAD FILE: R:\030-2966-BLACK CHERRY 1-ALLIANCE PETROLEUM-\Drawing\2966-SitePlan.dwg PLOT DATE/TIME: 3/21/2016 3:06 PM

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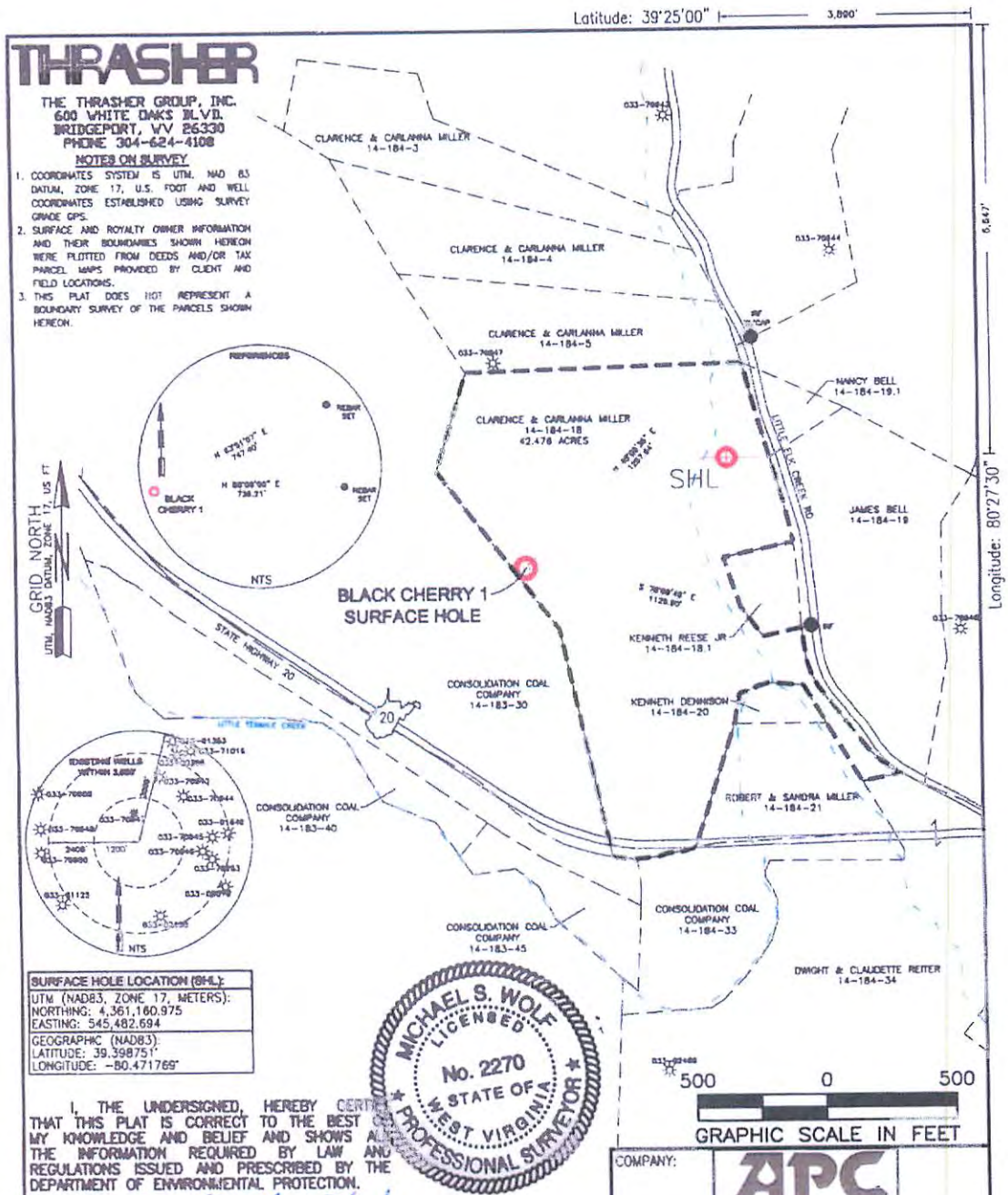
THE THRASHER GROUP, INC.
600 WHITE OAKS BLVD.
BRIDGEPORT, WV 26330
PHONE 304-624-4108

NOTES ON SURVEY

1. COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
2. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND FIELD LOCATIONS.
3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.



SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,361,160.975 EASTING: 545,482.694
GEOGRAPHIC (NAD83): LATITUDE: 39.398751° LONGITUDE: -80.471769°

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 2270 Michael S. Wolf 5/21/16

MICHAEL S. WOLF LICENSED No. 2270 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

COMPANY: APC Alliance Petroleum Corporation

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

OPERATOR'S WELL #: BLACK CHERRY 1

API WELL #: 47 (STATE) 033 (COUNTY) 05882 (PERMIT)

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS X LIQUID INJECTION STORAGE SHALLOW X

WATERSHED: TEN MILE CREEK
ELEVATION: 1279'
DISTRICT: SARDIS - OUTSIDE DISTRICT COUNTY: HARRISON
QUADRANGLE: WALLACE
SURFACE OWNER: CLARENCE & CARLANNA MILLER
ACREAGE: 42.476
OIL & GAS ROYALTY OWNER: CLARENCE & CARLANNA MILLER
ACREAGE: 42.476

DRILL X DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: BENSON
ESTIMATED DEPTH: 6,180' TVD

WELL OPERATOR: ALLIANCE PETROLEUM CORPORATION
ADDRESS: 4150 BELDEN VILLAGE AVE NW SUITE 410
CITY: CANTON STATE: OH ZIP CODE: 44718-2553

DESIGNATED AGENT: JEFFREY SAYGER
ADDRESS: 16 FOXHILL TERRACE
CITY: PARKERSBURG STATE: WV ZIP CODE: 26101

LEGEND:
- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- ABANDONED WELL
- PLUGGED & ABANDONED WELL
- CUT CONDUCTOR
- LEASE BOUNDARY
- PROPERTY BOUNDARY
- STREAM

REVISIONS:

DATE: 03-21-2016
DRAWN BY: E.LYTLE
SCALE: 1" = 500'
DRAWING NO: 030-2996
WELL LOCATION PLAT

L:\030-2996-BLACK CHERRY 1-ALLIANCE PETROLEUM-\SURVEY\BLACK CHERRY VERTICAL WELL.DWG
MONDAY MARCH 21 2016 03:55PM

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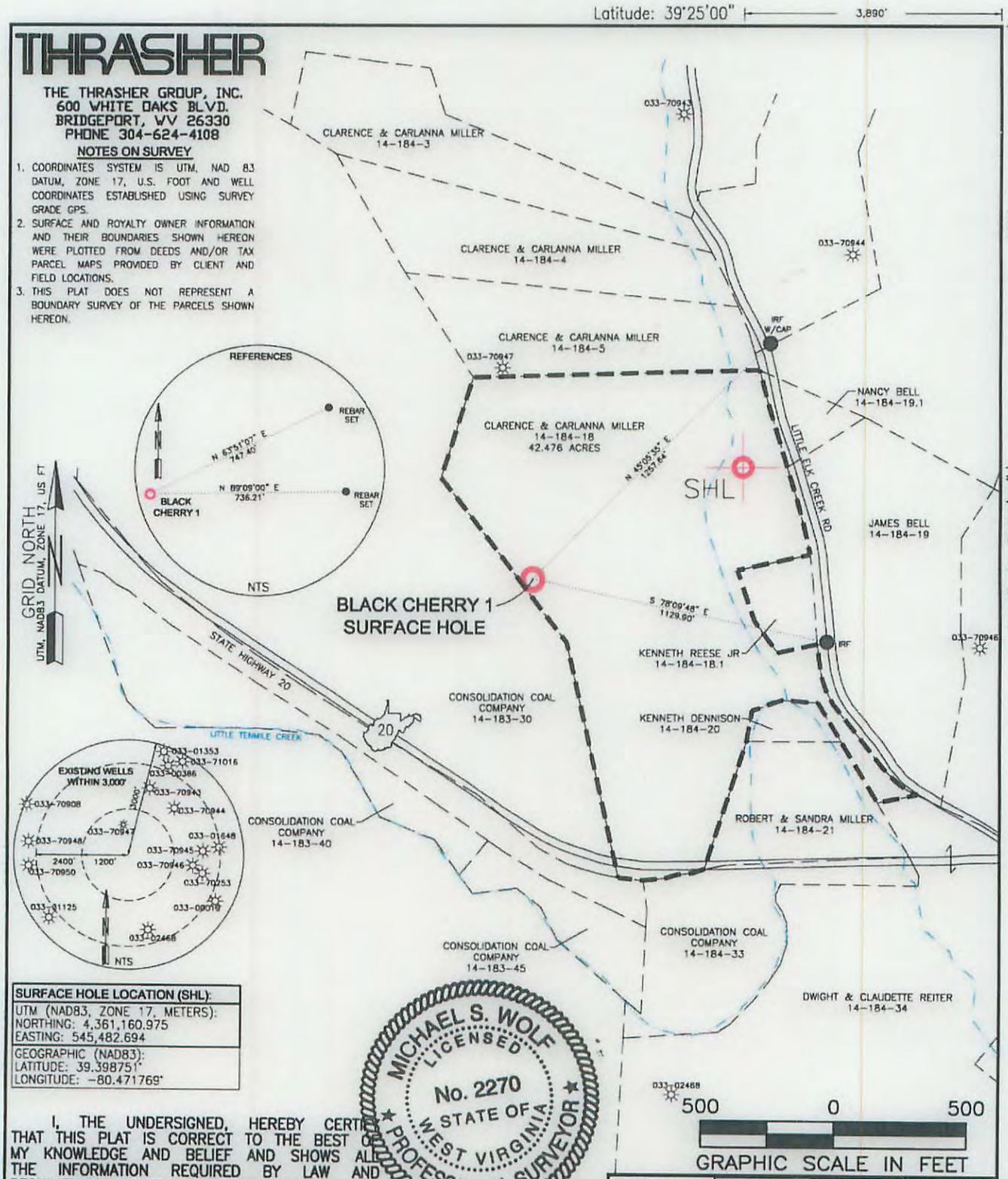

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- CUT CONDUCTOR
- LEASE BOUNDARY
- PROPERTY BOUNDARY
- STREAM

REVISIONS:

DATE: 03-21-2016
DRAWN BY: E.LYTLE
SCALE: 1" = 500'
DRAWING NO: 030-2996
WELL LOCATION PLAT

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MONDAY MARCH 21 2016 03:55PM