



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 13, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-5100997, issued to CONSOLIDATION COAL COMPANY, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.


James Martin
Chief

Operator's Well No: M-378
Farm Name: DAVIS, JOHN & BEVERLY
API Well Number: 47-5100997
Permit Type: Plugging
Date Issued: 04/13/2015

Promoting a healthy environment.

04/17/2015

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. This well is under a consent order and must be plugged under the terms of that agreement.

5100997A

1.) Date: February 25, 2015
2.) Operator's Well No. M-378
3.) API Well No. 47 - 51 - 00997
State County Permit

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
APPLICATION FOR A PERMIT TO PLUG & ABANDON

4.) WELL TYPE: Oil _____ / Gas X / Liquid injection _____ / Waste disposal _____ /
(IF "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow X

5.) LOCATION: Elevation: 1195.22' Watershed: Fish Creek
District: Liberty County: Marshall Quadrangle: Cameron, WV 7.5'

6.) WELL OPERATOR Consolidation Coal Company 7.) DESIGNATED AGENT Ronnie Harsh
Address 6126 Energy Road Address 1 Bridge Street
Moundsville, WV 26041 Monongah, WV 26554

8.) OIL & GAS INSPECTOR TO BE NOTIFIED 9.) PLUGGING CONTRACTOR
Name James Nicholson Name _____
Address PO BOX 44 Address _____
Moundsville, WV 26041 _____

10.) WORK ORDER: The work order for the manner of plugging this well is as follows:

SEE EXHIBIT NO. 1

101C

OK gmm

RECEIVED
Office of Oil and Gas
FEB 27 2015

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

WV Department of
Environmental Protection

Work order approved by inspector _____ Date _____

04/17/2015

101C

EXHIBIT NO. 1

From the experience and technology developed since 1970 in plugging oil and gas wells for mining through, Consolidation Coal's Northern West Virginia Operations will utilize one of the following two methods to plug all future wells.

4½ VENT PIPE METHOD

- (a) If active well: clean out to total depth and plug back according to state regulations to a minimum of 200 feet below lowest minable coal seam.
- (b) If abandoned well: clean out to first plug 200 feet below lowest minable seam.
- (c) Run 4½ casing from surface to minimum 200 feet below lowest minable seam and circulate 50/50 poz mix cement followed by expanding cement to surface. The expanding cement shall extend from minimum 200 feet below minable coal seam to a point 100 feet above.

The 4½ will remain open from surface to a minimum of 80 feet below that minable coal seam.

SOLID PLUG METHOD

- (a) If active well: clean out to total depth and plug back according to state regulations to a minimum of 200 feet below lowest minable coal seam.
- (b) If an abandoned well: clean out to first plug 200 feet below lowest minable coal seam.
- (c) Circulate through tubing or drill steel an expanding cement plug from a minimum of 200 feet below minable coal seam to a point 100 feet above minable coal.

Circulate through tubing or drill steel 50/50 poz mix from 100 feet above coal seam to surface.

A monument will be installed with API No. and stating "solid plug".

5100997A

FORM WW-4(A)
Revised 6-07

1) Date: February 25, 2015
2) Operator's Well No. M-378
3) API Well No. 47-51-00997
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) SURFACE OWNER(S) TO BE SERVED

(a) Name John Keith Davis ET UX
Address 205 Byrnes Lane
Moundsville, WV 26041

(b) Name _____
Address _____

(c) Name _____
Address _____

(6) INSPECTOR James Nicholson
Address PO BOX 44
Moundsville, WV 26041
Telephone (304) 552-3874

5)a) COAL OPERATOR

Name CONSOLIDATION COAL CO.
Address 6126 Energy Road
Moundsville, WV 26041

(b) COAL OWNER(S) WITH DECLARATION:
Name _____
Address _____

(c) COAL LESSEE WITH DECLARATION:
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

Postage	\$ 1.40
Certified Fee	\$3.30
Return Receipt Fee (Endorsement Required)	\$2.70
Restricted Delivery Fee (Endorsement Required)	\$0.00
Total Postage & Fees	\$ 7.40



Sent To John Keith Davis
Street, Apt. No., or PO Box No. 205 Byrnes Lane
City, State, ZIP+4 Moundsville, WV 26041

1) Form WW-4B, which sets out the well and its location and the plugging

2) Application on Form WW-6.

3) THAT YOU HAVE RIGHTS REGARDING THE APPLICATION; THE REVERSE SIDE OF THE COPY OF THE APPLICATION YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

4) That the undersigned well operator proposes to file or has filed this Notice to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia, at the well at the location described on the attached Application and depicted on the plat, and the plat have been mailed by registered or certified mail or delivery by first class (under the circumstances) on or before the day of mailing or delivery by the Chief.

WELL OPERATOR Consolidation Coal Company
By Ronnie Harsh
Its Project Engineer
Address 1 Bridge Street
Monongah WV 26554
Telephone (304) 534-4748

WV Department of

Environmental Protection



Subscribed and sworn before me this 25 day of February, 2015
Christian K. Warfield Notary Public.
Marshall County, State of West Virginia
My commission expires June 10, 2024

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

04/17/2015

My Commission Expires June 10, 2024
Moundsville WV 26041
4120 E. Brady Road
Murray American Energy, Inc.
Martinsburg, WV 26150
NOTARY PUBLIC
STATE OF WEST VIRGINIA
OFFICIAL SEAL



04/17/2015

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

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

Operator Name Consolidation Coal Company OP Code _____

Watershed Fish Creek Quadrangle Cameron, 7.5'

Elevation 1195.22' County Marshall District Liberty

Description of anticipated Pit Waste: N/A

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

Will a synthetic liner be used in the pit? N/A. If so, what mil.? _____

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 Tanks, see attached letter)

Drilling medium anticipated for this well? Air, freshwater, oil based, etc. Freshwater

If oil based, what type? Synthetic, petroleum, etc.? _____

Additives to be used? Bentonite, Bicarbonate of Soda

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Reused or Disposed (see attached letter)

-If left in pit and plan to solidify what medium will be used? Cement, lime, sawdust _____

-Landfill or offsite name/permit number? _____

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 *Mason Smith*

Company Official (Typed Name) Mason Smith

Company Official Title Project Engineer

RECEIVED
Office of Oil and Gas

FEB 27 2015

WV Department of
Environmental Protection

Subscribed and sworn before me this 25 day of February, 2015

Christian K. Warfield

Notary Public

My commission expires June 10, 2024



OFFICIAL SEAL
STATE OF WEST VIRGINIA
NOTARY PUBLIC
Christian K Warfield
Murray American Energy Inc
6126 Energy Road
Moundsville WV 26041
My Commission Expires June 10, 2024

My Commission Expires June 10, 2024
Houndsville, WV 26041
1700 Fendley Road
Murray American Energy, Inc
Charles K. Warfield
NOTARY PUBLIC
STATE OF WEST VIRGINIA
OFFICIAL SEAL



04/17/2015

5100997A

**MURRAY AMERICAN ENERGY, INC.
& CONSOLIDATION COAL COMPANY**

**MURRAY AMERICAN ENERGY,
INC. & CONSOLIDATION COAL
COMPANY**

46226 National Road
St. Clairsville, OH 43950

phone: 304.843.3565

fax: 304.843.3546

e-mail: MasonSmith@coalsource.com

MASON SMITH

Project Engineer

February 25, 2015

Department of Environmental Protection
Office of Oil and Gas
601-57th Street
Charleston, WV 25320

To Whom It May Concern,

As per the Division of Environmental Protection, Office of Oil and Gas request, Consolidation Coal Company submits the following procedures utilizing pit waste.

Upon submitting a well work application (without a general permit for Oil & Gas Pit Waste Discharge Application), Consolidation Coal Company will construct no pits, but instead will use mud tanks to contain all drilling muds.

Once the well is completed, that material (minus the cave material) will be trucked to the next well to be plugged or to DEP facilities number U-0033-83, O-1001-00, U-1035-91U-46-84, U-78-83, O-1044-9, or U-100-83.

Sincerely,



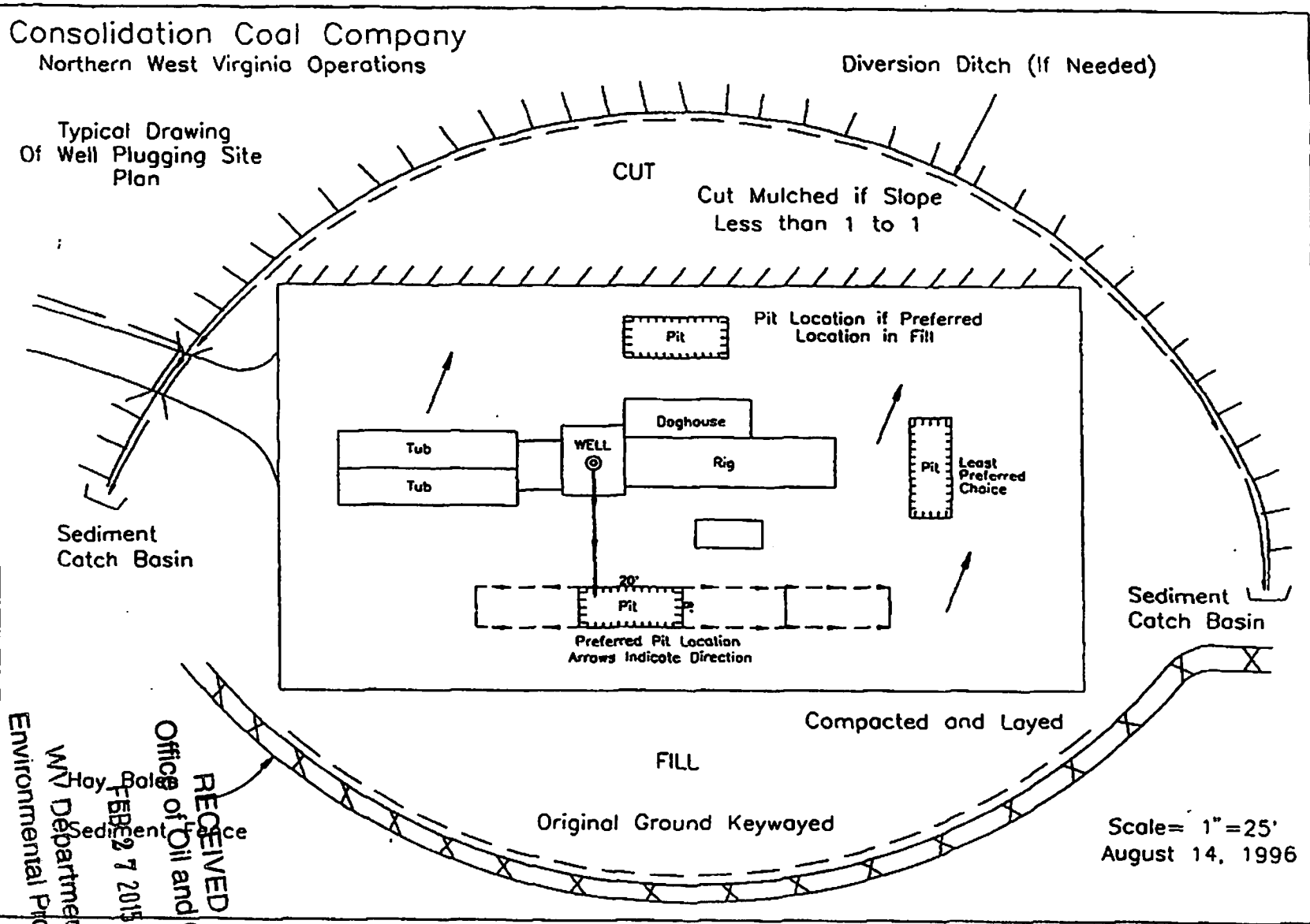
Mason Smith
Project Engineer

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Office of Oil and Gas
FEB 27 2015
WV Department of
Environmental Protection

04/17/2015

Consolidation Coal Company
Northern West Virginia Operations

Typical Drawing
Of Well Plugging Site
Plan



RECEIVED
Office of Oil and Gas
Hay, Bole
Sediment Office
FEB 27 2015
Environmental Protection
Department of
WV

5100997 P

5100997A

Well is located on topo map 9,715 feet south of Latitude: 39° 50' 00"

Well is located on topo map 7,745 feet west of Longitude: 80° 35' 00"

WELL LOCATION

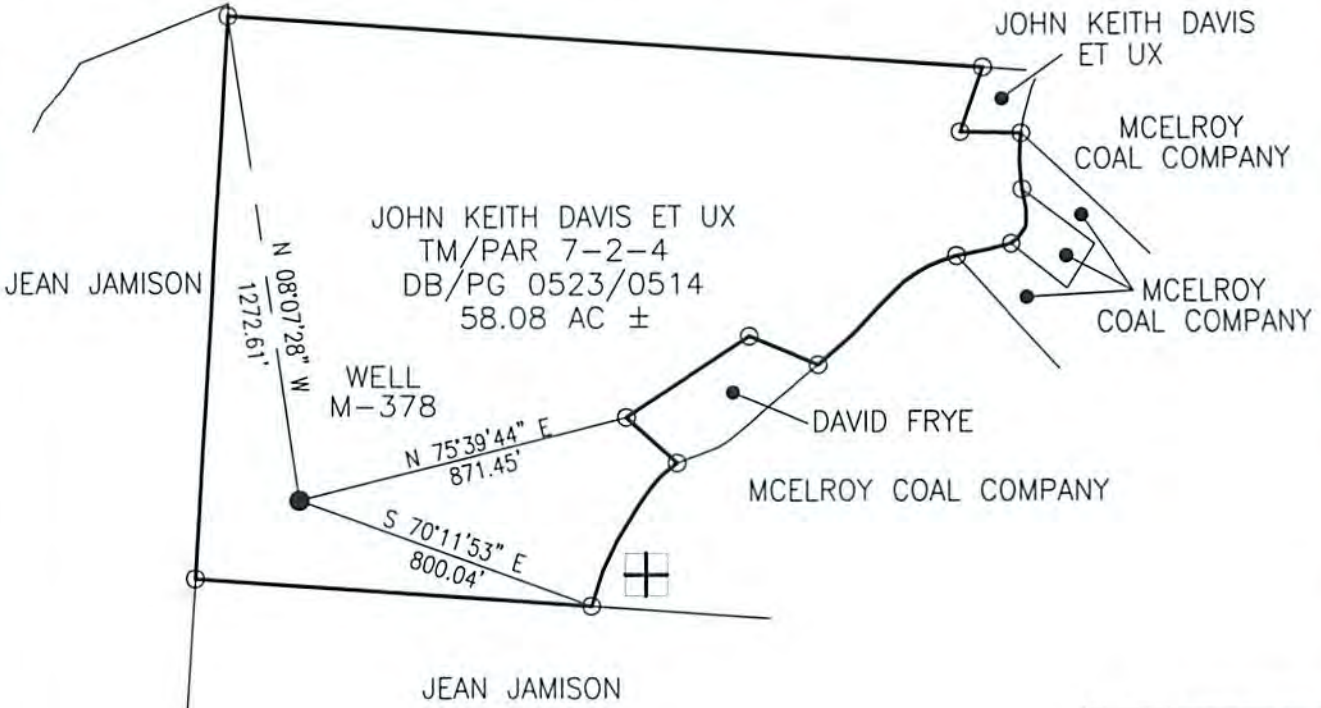
UTM 17-NAD83
 N:4406371.574
 E:533306.783

NAD83, WV NORTH
 N:477857.742
 E:1656415.166

LAT/LOG DATUM-WGS84
 LAT:39°48'23.990"
 LON:80°36'39.249"



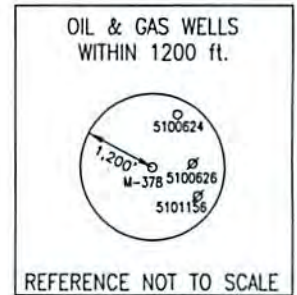
RICKIE GENE FRYE



Blue Mountain Inc.
 10125 MASON DIXON HIGHWAY
 BURTON, WV 26562
 PHONE: (304) 662-6486

NOTE:

It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.



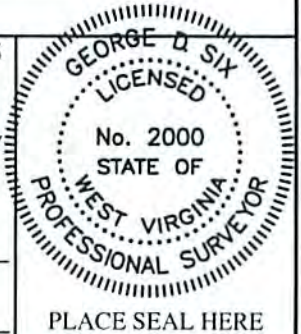
FILE #: M-378
 DRAWING #: M-378
 SCALE: 1" = 500'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed:

R.P.E.:

L.L.S.: P.S. No. 2000



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304



DATE: FEBRUARY 24, 2015

OPERATOR'S WELL #: M-378

API WELL #: 47 51 00997 P
 PERMIT

RECEIVED
 DATE: FEB 24 2015
 Office of Oil and Gas

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: FISH CREEK

ELEVATION: 1195.22'

COUNTY/DISTRICT: MARSHALL / LIBERTY QUADRANGLE: CAMERON, WV 7.5'

SURFACE OWNER: JOHN KEITH DAVIS ET UX ACREAGE: 58.08±

OIL & GAS ROYALTY OWNER: _____ ACREAGE: 04/17/2015

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

TARGET FORMATION: _____ ESTIMATED DEPTH: _____

WELL OPERATOR CONSOLIDATION COAL CO., OHIO VALLEY OPERATIONS DESIGNATED AGENT RONNIE HARSH

Address 6126 ENERGY DRIVE

Address 6126 ENERGY DRIVE

City MOUNDSVILLE State WV Zip Code 26041

City MOUNDSVILLE State WV Zip Code 26041

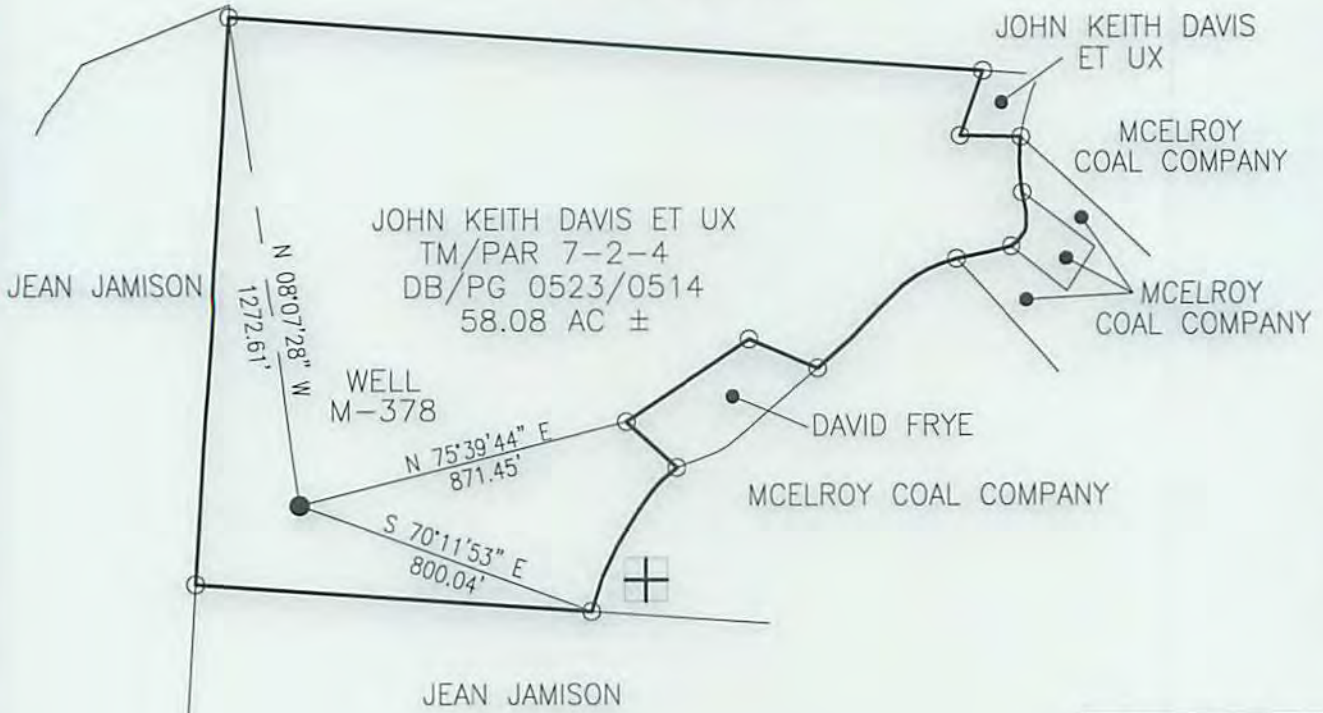
Well is located on topo map 9,715 feet south of Latitude: 39° 50' 00"

Well is located on topo map 7,745 feet west of Longitude: 80° 35' 00"

WELL LOCATION
 UTM 17-NAD83
 N:4406371.574
 E:533306.783
 NAD83, WV NORTH
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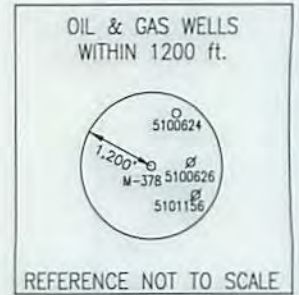
RICKIE GENE FRYE



Blue Mountain Inc.
 10125 MASON DIXON HIGHWAY
 BURTON, WV 26562
 PHONE: (304) 662-6486

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Signed: [Signature]

R.P.E.:

L.L.S.: P.S. No. 2000



PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304



DATE: FEBRUARY 24, 2015

OPERATOR'S WELL #: M-378

API WELL #: 47 51 00997 P
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: FISH CREEK ELEVATION: 1195.22'

COUNTY/DISTRICT: MARSHALL / LIBERTY QUADRANGLE: CAMERON, WV 7.5'

SURFACE OWNER: JOHN KEITH DAVIS ET UX ACREAGE: 58.08±

OIL & GAS ROYALTY OWNER: _____ ACREAGE: _____

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

TARGET FORMATION: _____ ESTIMATED DEPTH: _____

WELL OPERATOR CONSOLIDATION COAL CO., OHIO VALLEY OPERATIONS DESIGNATED AGENT RONNIE HARSH
 Address 6126 ENERGY DRIVE Address 6126 ENERGY DRIVE
 City MOUNDSVILLE State WV Zip Code 26041 City MOUNDSVILLE State WV Zip Code 26041

04/17/2015

Hankins, Melanie S

From: Smith, Mason <MasonSmith@coalsource.com>
Sent: Monday, March 16, 2015 9:12 AM
To: Hankins, Melanie S
Subject: Permits

Melanie,

I guess your one printer is down and Kay is unable to send me what I need until the printer is fixed.

That being said the permits for the following wells are ready to be processed. I will let you know on the rest of them as soon as Kay can send me the information.

47-051-00941	M-254
47-051-00971	M-385
47-051-00997	M-378

Thanks,

Mason Smith, EIT
Project Engineer
Murray American Energy, Inc.
6126 Energy Road
Moundsville, WV 26041
Mobile: (716) 997-0784
Office: (304) 843-3565

MasonSmith@coalsource.com

Hankins, Melanie S

From: Smith, Mason <MasonSmith@coalsource.com>
Sent: Friday, February 27, 2015 3:19 PM
To: Hankins, Melanie S
Subject: Recent plugging permits

Melanie,

I recently mailed 5 plugging permits for the below mentioned gas wells. I am now being told to wait on them due to uncertainties with the Consent Order wells. The permits are anticipated to arrive Saturday if they have not arrived today. If it is possible to hold off on processing them for a few days until I know more about the final arrangements about Consent Order list.

47-051-00941
47-051-00971
47-051-00997
47-051-00947
47-051-00949
47-051-00970

Mason Smith, EIT
Project Engineer
Murray American Energy, Inc.
6126 Energy Road
Moundsville, WV 26041
Mobile: (716) 997-0784
Office: (304) 843-3565

and
MasonSmith@coalsource.com