



west virginia department of environmental protection

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

Jim Justice , Governor
Austin Caperton , Cabinet Secretary
www.dep.wv.gov

Tuesday, November 14, 2017
WELL WORK PERMIT
Vertical / Plugging

ALLIANCE PETROLEUM CORPORATION
4150 BELDEN VILLAGE AVENUE NW, SUITE 410

CANTON, OH 447182553

Re: Permit approval for 3-123
47-021-00670-00-00

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

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

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

James A. Martin
Chief

Operator's Well Number: 3-123
Farm Name: MOORE-MESSENGER
U.S. WELL NUMBER: 47-021-00670-00-00
Vertical / Plugging
Date Issued: 11/14/2017

Promoting a healthy environment.

11/17/2017

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.

1) Date September 12, 2017
2) Operator's
Well No. Moore Messenger 3-123
3) API Well No. 47-221-03370

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

ck#
0067852 \$100⁰²

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil / Gas X / Liquid injection / Waste disposal /
(If "Gas, Production or Underground storage) Deep / Shallow X

5) Location: Elevation 1275' 1116' Watershed Ellis Creek
District Glenville County Gilmer Quadrangle Burnsville 7.5

6) Well Operator Alliance Petroleum Corporation 7) Designated Agent Dora Silvis
Address 4150 Belden Village Ave NW, Suite 410 Address 4150 Belden Village Ave NW, Suite 410
Canton, OH 44718-2553 Canton, OH 44718-2553

8) Oil and Gas Inspector to be notified Name Danny Mullens 9) Plugging Contractor Name Taylor Trucking and Dozer Service
Address 220 Jack Acres Road Address 7147 Hackers Creek Road
Buckhannon, WV 26201 Buckhannon, WV 26201

10) Work Order: The work order for the manner of plugging this well is as follows:
Use contract service rig, Latch onto 3" casing and unseat open hole 6 5/8" packer,
Pull Csg. and packer, RIH with 2 3/8" tbg., Fill from bottom 2283' to 2075' WITH 6% GEL.
Fill from 2075' TO 1975' WITH CLASS A CEMENT. WOC. GEL FROM 1975 TO 1780'. Add class A cement
plug from 1780' to 1680' WOC, FREEPORT, CO-2 & PULL 6 5/8" CASING, Add class A cement
plug from 1300' to 1094' across Salt Water Stratum/Elevation.
WOC, Fill with 6% gel from 1094' to 920', Add cement plug from 920' to 820' fresh water zone
Fill from 820' to 182' with 6% gel. Fill to surface with 182' Class A cement plug
Complete reclamation.

SEE ATTACHED WORK ORDER gwm

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Office of Oil and Gas
OCT 04 2017
WV Department of
Environmental Protection

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

Work order approved by inspector Danny Mullens Date 10-2-17

Operator: Alliance Petroleum Corporation

WW-4B 10) Work Order

1. Use contract service rig. Latch onto 3" casing and unseat open hole 6 5/8" packer. TOOH with casing and packer.
2. TIH with 2 3/8" tubing. Fill from bottom (2283') to 2075' with 6% gel.
3. Set a Class A cement plug from 2075' to 1975' above the shot hole.
4. WOC. Tag cement plug with work string. Add cement if necessary.
5. Add 6% gel from top of plug (1975') to 1780'.
6. Set a Class A cement plug from 1780' to 1680'. WOC.
7. Freepoint, cut and TOOH with 6 5/8" casing. Add gel if necessary.
8. Set a Class A cement plug from 1300' to 1094' across salt water stratum (1290') and elevation.
9. WOC. Add gel if needed. Set a Class A cement plug from 920' to 820' (fresh water 900').
10. Add 6% gel to 182' (10" casing seat).
11. Set Class A cement plug from 182' to surface.
12. Set a permanent marker consisting of a length of pipe (minimum diameter 6") filled with concrete. It shall be erected over the well and extend no less than 30" above the surface and no less than 10 feet below the surface and into the well.
13. Remove surface equipment and reclaim.

All cement plugs must be a minimum of 100' Class A cement with no more than 3 % CaCl₂ and no other additives.

All other wellbore volumes must be filled with gel. Our definition of gel is fresh water with at least 6% bentonite, by weight.

All free casing must be removed from well

When free casing cannot be removed, casing must be perforated and cemented to cover all fresh water zones, salt water shows, oil and gas shows and coal seams.

J. W. W.
11/14/17

11/17/2017

05-10

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Mcara. Messenger
3-123

WELL RECORD

Permit No. 0110001 Oil or Gas Well Gas

Company <u>Multi State Oil & Gas Co.</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>1111 1/2 Main St. Parkersburg, W. Va.</u>				
Farm <u>1111 1/2 Main St. Parkersburg, W. Va.</u>	Size			Kind of Packer
Location (waters) <u>1111 1/2 Main St. Parkersburg, W. Va.</u>	16			
Well No. <u>3-123</u>	14			
District <u>CLERVALE</u> County <u>Gilmer</u>	8 1/2	1780	1780	Size of <u>1-5/8 x 3/8</u>
The surface of tract is owned in fee by <u>MINERS STAMP CO</u>	6 1/2			Depth <u>2000</u>
Address <u>1111 1/2 Main St. Parkersburg, W. Va.</u>	5 3/16			Perf. top
Mineral rights are owned by <u>MINERS STAMP CO</u>	4			Perf. bottom
Address <u>1111 1/2 Main St. Parkersburg, W. Va.</u>	2			Perf. top
Drilling commenced <u>October 1, 1944</u>	Liners Used			Perf. bottom
Drilling completed <u>October 1, 1944</u>				
Data shot _____ Depth of shot _____				
Open Flow <input checked="" type="checkbox"/> (0) lbs Water in _____ inch				
_____ (0) lbs Merc. in _____ inch				
Volume _____ Cu. Ft.	CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____			
Stock Pressure _____ lbs _____ hrs.	<u>No casing cemented</u>			
Oil _____ bbls. 1st 24 hrs.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sandstone			155	180			
Sandstone			220	275			
Lime			275	310			
Slate			300	310			
Lime			310	340			
Slate			340	355			
Sand			355	365			
Slate			365	385			
Red Sandstone			425	425			
Slate			425	475			
Lime			475	480			
Red Sandstone			480	505			
Slate			505	530			
Sandstone			530	545			
Lime			545	545			
Slate			545	645			
Sand			710	745			
Slate			745	775			
Sand			775	775			
Slate			775	810			
Sandy Lime			820	855			
Sand Gray			855	870			
Sand Yellow			870	905	Water at 870		
Slate			905	910			
Sandy Lime			910	930			
Slate			930	970			
Lime			970	1015			
Slate			1015	1030			
Lime			1030	1045			
Slate			1045	1075			
Slate			1075	1085			
Lime			1085	1090			
Slate			1090	1130			
Sand			1130	1170			
Slate			1170	1175			
Sand			1175	1217			
Slate			1217	1250			
Sand			1250	1280	Water at 1280		
Slate			1280	1350			
Slate			1350	1390			
Sand			1390	1425			

(Over)

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Environmental Protection

11/17/2017

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
sl. s			1425	1470			
sl. s			1470	1500			
sl. s			1500	1510			
sl. s			1510	1550			
sl. s			1550	1555			
sl. s			1555	1565			
sl. s			1565	1585			
sl. s			1585	1700			
sl. s			1700	1740			
lime			1740	1755			
sl. s			1755	1790			
sl. s			1790	1795	Gas 1791	18.10 W 1"	
sl. s			1795	1805			
lime			1805	1824			
sl. s			1824	1870			
sl. s			1870	1875			
lime			1875	1908			
sl. s			1908	1934			
big lime			1934	1980		2105	
Big Limestone			1980	2105	gray Green Oil 2105		
sl. s			2105	2120	Gas 2077-2105 - 4/10 W 1"		
sl. s			2120	2147	Gas 2084 to 2094 - 2 1/10 - 2"		
sl. s			2147	2158	Gas 2140 to 2158 - all together		
sl. s			2158	2248	GG/10 W 2"		
sl. s			2248	2282			

East side of W. ... from 2175 to 2180
 SNOT FROM 2075 to 2160

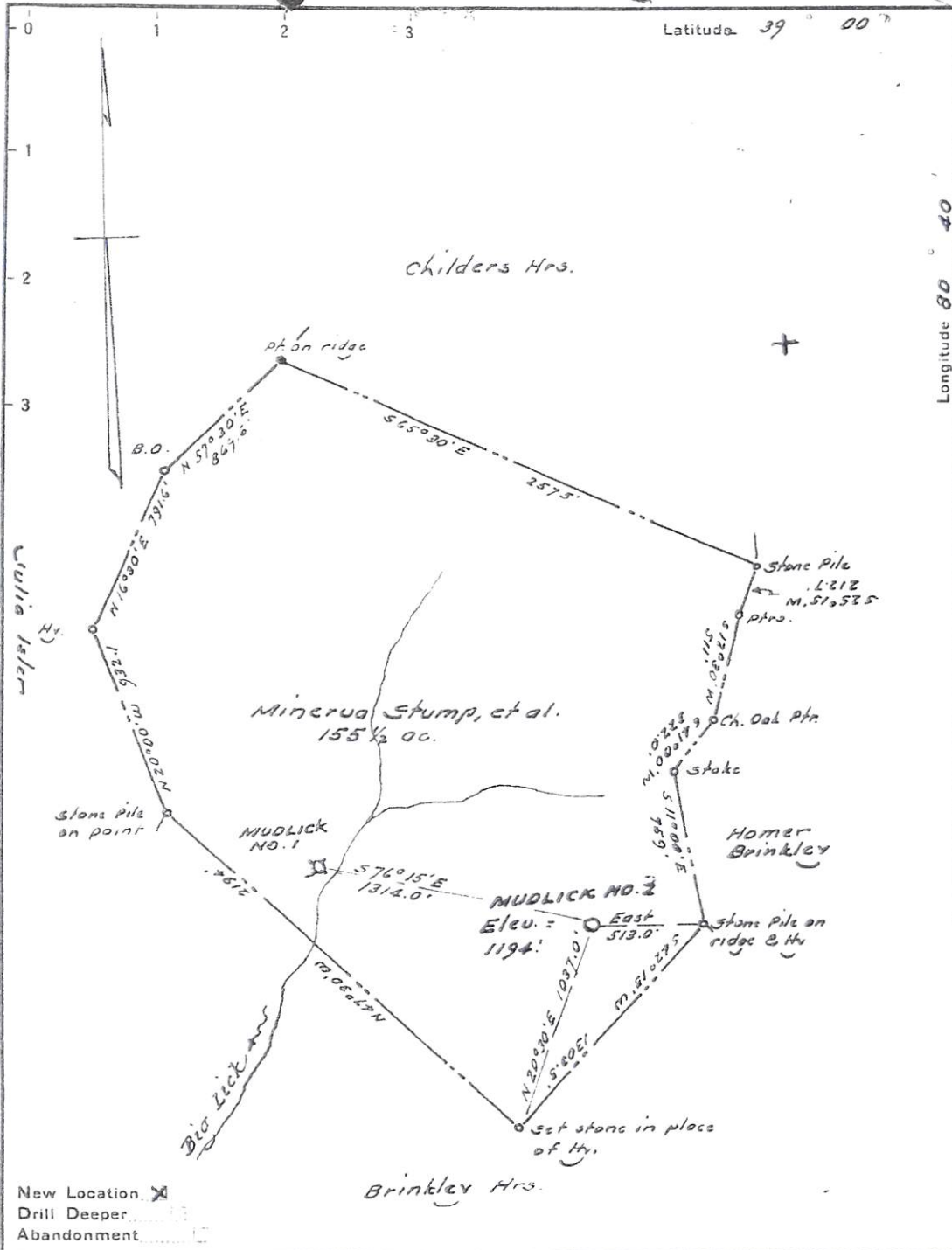
Date 11/29/44 194

APPROVED: McCull DALLING Co

Owner RECEIVED Office of Oil and Gas

By (Title)

OCT 04 2017



DM

Company MUDLICK OIL AND GAS CO.
 Address Keystone Bldg. Pittsburgh, Pa.
 Farm Minerva Stump, et al.
 Tract 1 Acres 155 1/2 Lease No. _____
 Well (Farm) No. 3 Serial No. 3-123
 Elevation (Spirit Level) _____
 Quadrangle Burnsville
 County Gilmer District Glenville
 Engineer W. A. [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date July, 1944 Scale 1" = 600'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. 33-51-50672

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

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 OCT 04 2017
 WV Department of Environmental Protection

2100670 P

WW-4A
Revised 6-07

1) Date: September 12, 2017
2) Operator's Well Number Moore Messenger 3-123
3) API Well No.: 47 - 021 - 00670

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

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Michael David Messenger</u> ✓ <i>Wwww</i>	Name _____
Address <u>175 Patterson Run Road</u>	Address _____
<u>Linn, WV 26384</u>	
(b) Name <u>Virginia Clark c/o Lorain K. Oyer</u> ✓	(b) Coal Owner(s) with Declaration
Address <u>1405 34th Av #1107</u>	Name <u>Western Pocahontas Properties Limited Partnership</u> ✓
<u>Ellenton, FL 34222</u>	Address <u>5260 Irwin Road</u>
	<u>Huntington, WV 25705</u>
(c) Name <u>Sarah M. Smarr</u> <i>Wwww</i> ✓	Name _____
Address <u>105 4B Trailer Court</u>	Address _____
<u>Weston, WV 26452</u>	
6) Inspector <u>Danny Mullens</u> ✓	(c) Coal Lessee with Declaration
Address <u>220 Jack Acres Rd</u>	Name _____
<u>Buckhannon, WV 26201</u>	Address _____
Telephone _____	

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

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

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief



Well Operator Alliance Petroleum Corporation
 By: David Dean *David Dean*
 Its: VP Production
 Address 4150 Belden Village Ave. NW, Suite 410
Canton, OH 44718-2553
 Telephone 304-614-2963

Subscribed and sworn before me this 3rd day of October 2017
Hartsel E. McCauley Notary Public
 My Commission Expires November 12, 2019

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Office of Oil and Gas
OCT 04 2017

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.

11/17/2017

1) Date: September 12, 2017
2) Operator's Well Number Moore Messenger 3-123
3) API Well No.: 47 - 021 - 00670

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

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Rosa L. Smarr</u> / <u>Waiver</u>	Name _____
Address <u>224 Right Ellis Road</u>	Address _____
<u>Linn, WV 26384</u>	
(b) Name <u>James H. Lowther c/o Larry Lowther</u> / <u>Waiver</u>	(b) Coal Owner(s) with Declaration
Address <u>251 W. Summit Street</u>	Name <u>Western Pocahontas Properties Limited Partnership</u> /
<u>Alliance, OH 44601</u>	Address <u>5260 Irwin Road</u>
	<u>Huntington, WV 25705</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Danny Mullens</u> /	(c) Coal Lessee with Declaration
Address <u>220 Jack Acres Rd</u>	Name _____
<u>Buckhannon, WV 26201</u>	Address _____
Telephone _____	

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 By: David Dean / *David Dean*
 Its: VP Production
 Address 4150 Belden Village Ave. NW, Suite 410
Canton, OH 44713-2553
 Telephone 304-614-2963

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Office of Oil and Gas
OCT 04 2017
WV Department of
Environmental Protection

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WW-4A
Revised 6-07

1) Date: September 12, 2017
2) Operator's Well Number Moore Messenger 3-123
3) API Well No.: 47 - 021 - 00670

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

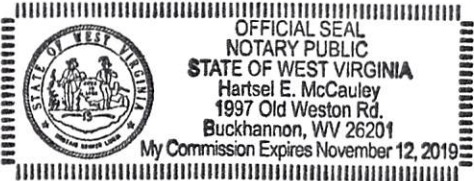
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Robert R. Jones II</u>	Name _____
Address <u>P.O. Box 111</u>	Address _____
<u>Sand Fork, WV 26430</u>	
(b) Name <u>Gaylene Hacker</u> <i>WV</i>	(b) Coal Owner(s) with Declaration
Address <u>93 Butchers Run Road</u>	Name <u>Western Pocahontas Properties Limited Partnership</u>
<u>Cedarville, WV 26611</u>	Address <u>5260 Irwin Road</u>
	<u>Huntington, WV 25705</u>
(c) Name <u>Steven C. Frye</u>	Name _____
Address <u>300 Right Ellis Road</u>	Address _____
<u>Linn, WV 26384</u>	
6) Inspector <u>Danny Mullens</u>	(c) Coal Lessee with Declaration
Address <u>220 Jack Acres Rd</u>	Name _____
<u>Buckhannon, WV 26201</u>	Address _____
Telephone _____	

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 By: David Dean *David Dean*
 Its: VP Production
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Office of Oil and Gas

OCT 30 2017

SURFACE OWNER WAIVER

WV Department of
Environmental Protection

Operator's Well
Number

Moore Messenger 3-123

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (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 **FIVE (5) 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.

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 Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

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
ETC.

Mitchell D. Messenger
Signature

Date 10/5/2017

FOR EXECUTION BY A CORPORATION,

Name David D. Jones
By David D. Jones
Its VP Production

Date 10/11/2017

Signature

Date

11/17/2017

RECEIVED
Office of Oil and Gas

OCT 30 2017

SURFACE OWNER WAIVER

WV Department of
Environmental Protection

Operator's Well
Number

Moore Messenger 3-123

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Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
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FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

Caryna Hacken
Signature

Date 10/16/2017

Name
By
Its

David Deen
David Deen
VP Production

Date 10/19/2017

Signature

Date

11/17/2017

OCT 30 2017

WV Department of
Environmental Protection

SURFACE OWNER WAIVER

Operator's Well
Number

Moore Messenger 3-123

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

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**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 **FIVE (5) 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..."

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FOR EXECUTION BY A NATURAL PERSON
ETC.

Sarah Smarr Date 10/5/17
Signature

FOR EXECUTION BY A CORPORATION,

David Dean Date 10/11/2017
By David Dean
Its VP Production
Signature Date

RECEIVED
Office of Oil and Gas

OCT 30 2017

SURFACE OWNER WAIVER

WV Department of
Environmental Protection

Operator's Well
Number

Moore Messenger 3-123

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FOR EXECUTION BY A NATURAL PERSON
ETC.

Kesa Smar
Signature

Date 10-10-17 Name
By
Its

FOR EXECUTION BY A CORPORATION,

David Dean
VP Production - David Dean
Date 10/11/2017
Signature Date

OCT 30 2017

SURFACE OWNER WAIVER

WV Department of
Environmental Protection

Operator's Well
Number

Moore Messenger 3-123

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FOR EXECUTION BY A NATURAL PERSON
ETC

FOR EXECUTION BY A CORPORATION,


Signature

Date 10/27?

Name	_____
By	_____
Its	_____
	Date

Signature

Date

11/17/2017

WW-9
(5/16)

API Number 47 - 021 - 00670
Operator's Well No. Monk Messenger 3-123

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 494506333

Watershed (HUC 10) Ellis Creek Quadrangle Burnsville 7.5

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: 100 bbls

Will a synthetic liner be used in the pit? Yes No If so, what ml.? 20 ml.

Proposed Disposal Method For Treated Pit Wastes:

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

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

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. No drilling anticipated

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

Additives to be used in drilling medium? _____

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) Cement

-Landfill or offsite name/permit number? PENNECO UIC # 2D0930103

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 April 1, 2016, 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 David Dean

Company Official (Typed Name) David Dean

Company Official Title Vice President Production

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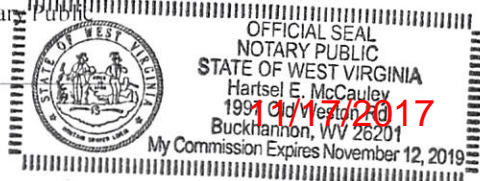
WV Department of
Environmental Protection

Subscribed and sworn before me this 3rd day of October, 2017

Hartsel E. McCauley

Notary Public

My commission expires November 12, 2019



Operator's Well No. Moore Messenger # 3-12

Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH _____

Lim^e _____ Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or equivalent

Fertilizer amount 600 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	12	Orchard Grass	12
Birdsfoot Trefoil	10	Birdsfoot Trefoil	10
Domestic Rye	10	Domestic Rye	10

DM

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: _____

Comments: _____

Title: _____

Date: _____

Field Reviewed? () Yes

() No

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11/17/2017

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

Operator Name: Alliance Petroleum Corporation

Watershed (HUC 10): Ellis Creek Quad: Burnsville 7.5

Farm Name: _____

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

A contract service will be used to treat fluids in the pit to obtain the proper PH 6.5. Rig and pumping equipment will be used to cut and remove casing, pumping cement and gel, mixing of water, cement, and gel in above ground tanks.

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

All equipment will be inside of a controlled drainage to a constructed lined pit. Silt fences will be installed preventing any silt from entering the Ellis Creek drainage area from storm water.

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

The closest water body is Right Fork Ellis Creek. The distance to Right Fork Ellis Creek is 460'.

4. Summarize all activities at your facility that are already regulated for groundwater protection.

The non producing gas well has fresh water casing cemented to surface protecting fresh water stratum. A 100 bbl tank is on site with secondary containment. Activities at the site are limited because of non productivity.

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5. Discuss any existing groundwater quality data for your facility or an adjacent property.

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Ellis Creek drainage area is nearby the well site. Extra precaution will be noted to eliminate any contaminates from entering the drainage area.

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

No waste material will be used for deicing or fill material on the property.

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

Silt fences will be installed around the work area. A pit will be constructed and a ditch from the well head to divert and contain any fluid from the work area.

8. Provide provisions and frequency for inspections of all GPP elements and equipment.

A job safety analysis will be completed each day on the job site to discuss the procedures, safety, and inspection of all GPP elements and equipment.

Signature: _____

David Dean

Date: _____

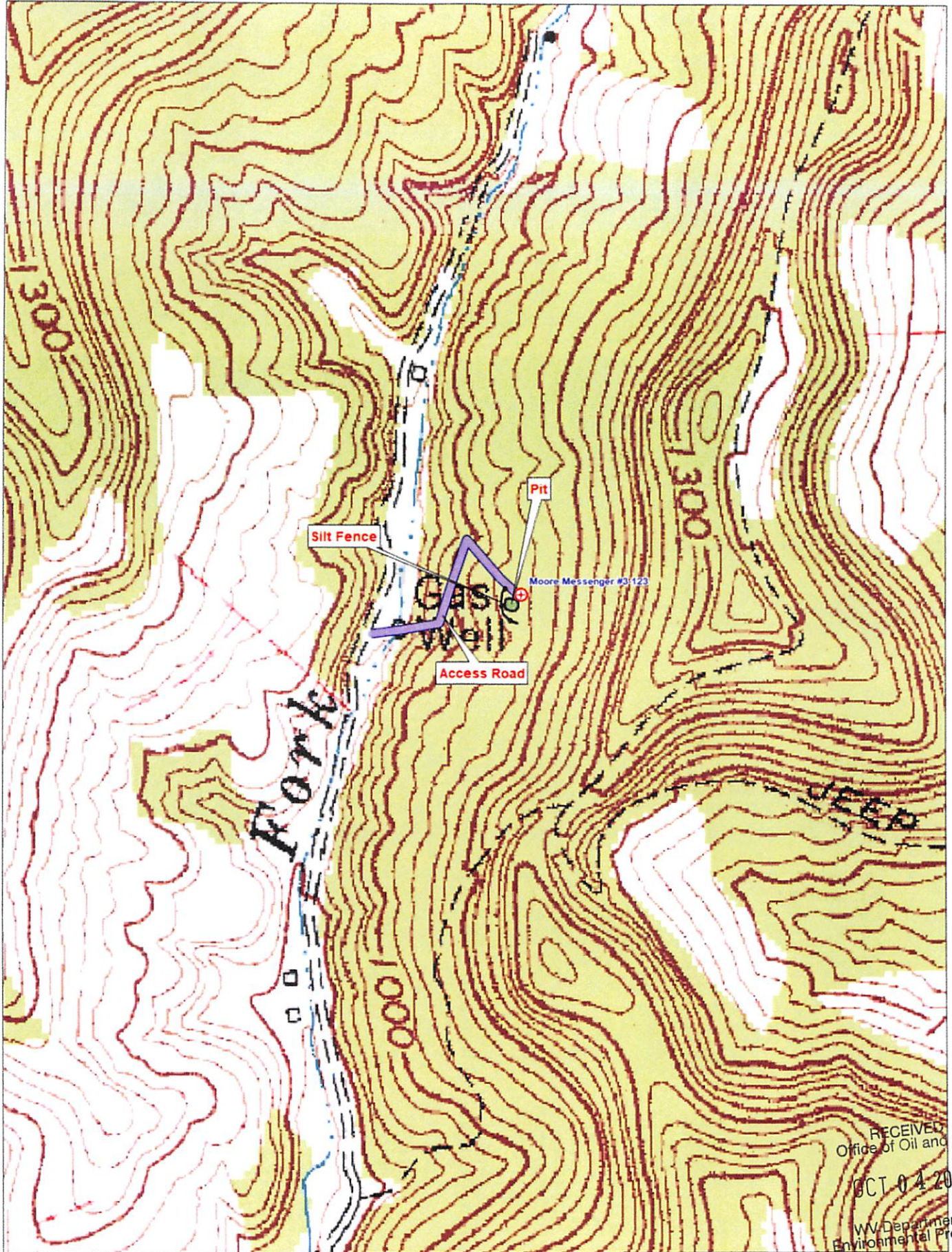
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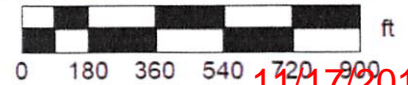


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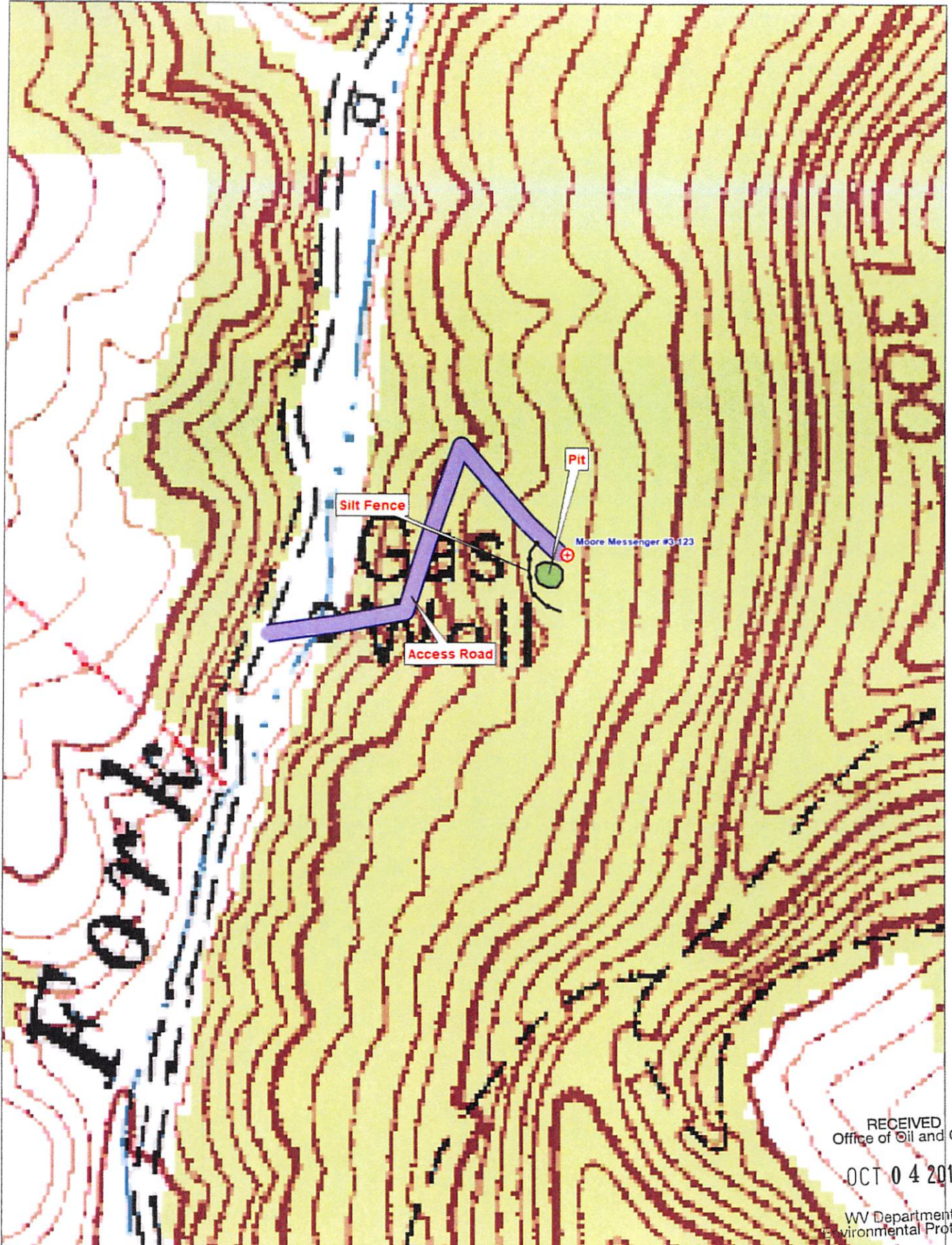
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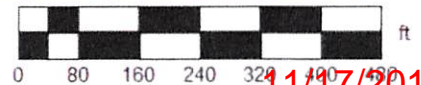
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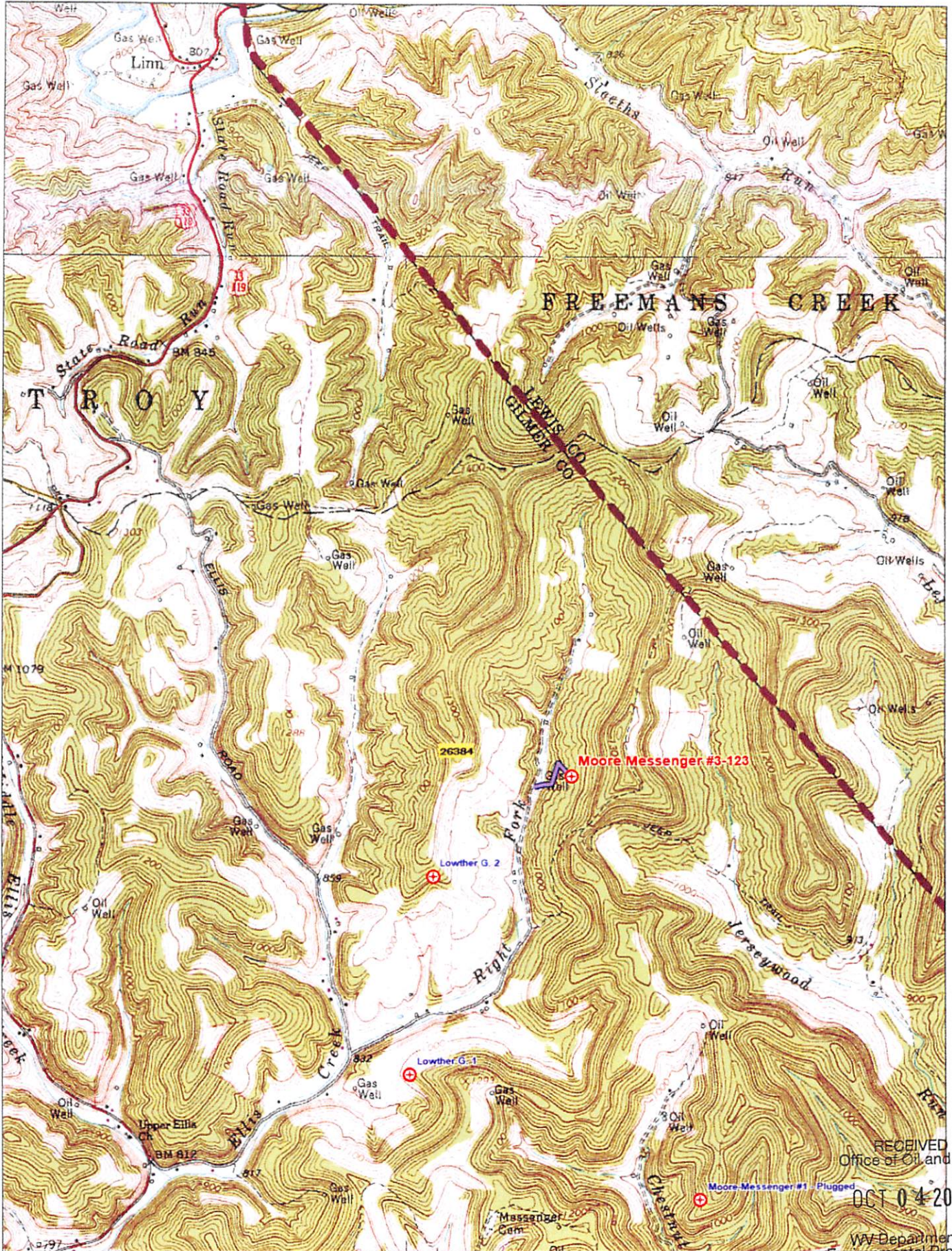


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11/17/2017

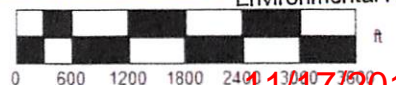


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