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

January 04, 2016

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-9700096, issued to EQT PRODUCTION 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 penalities 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: 7786
Farm Name: HIGGINBOTHAM, MARY F.
API Well Number: 47-9700096
Permit Type: Plugging
Date Issued: 01/04/2016

Promoting a healthy environment.

9700096P

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.

CK # 20018
$ 100.00

'orm WW-4 (B)
'ermit Copy
Rev 2/01)

Date: November 20, 2015
Operator's Well
Well No. 607786 (M. Higginbotham #1 - #7786)
API Well No.: 47 097 - 00096

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

1) Well Type: Oil ____ Gas X Liquid Injection ____ Waste Disposal: ____
If Gas, Production X Or Underground storage ____ Deep ____ Shallow X

2) Location: Elevation: 1609 ft. Watershed: Sauls Run
District: Buckhannon County: Upshur Quadrangle: Berlin 7.5'

3) Well Operator: EQT Production Company
Address: 120 Professional Place
Bridgeport, WV 26330

7) Designated Agent: Rex C. Ray
Address: 120 Professional Place
Bridgeport, WV 26330

8) Oil & Gas Name: Bryan Harris
Address: P. O. Box 157
Volga, WV 26238

9) Plugging Contractor:
Name: HydroCarbon Well Service
Address: PO BOX 995
Buckhannon, WV 26201

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

See Attachment for details and procedures.

OFFICE USE ONLY

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

Work order approved by inspector Bryan D. Harris Date 12-2-15

97000967

PLUGGING PROGNOSIS

Higginbotham, M.F. #1 (607786)
Upshur Co. WV
District, Buckhannon
API # 47-097-00096

BY: Craig Duckworth
DATE: 11/17/15

CURRENT STATUS:

10" csg @ 333'
8 1/4" csg @ 1056'
6 5/8" csg @ 2575'
3" csg @ 4669'(packer @ 4382')
Elevation @ 1583'

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WV Dept. of Environmental Protection

TD: 4669'

Fresh Water @ 30' Coal, @ 214'-218'
Saltwater @ none reported
Gas shows @ 2702', 4634'-4640'

1. Notify State Inspector, Bryan Harris @ 304-553-6087, 48 hrs.prior to commencing operations.
2. Check TD w/wireline.
3. Attempt to pull 3", Free point & shoot/cut off at packer @ 4382'
4. TOOH w/3"
5. TIH w/tbg to 4669', set 200'C1A cement plug from 4669' to 4569 '. (Gas show at 4634'-4640')
6. TOOH w/tbg to 4569', gel hole 4569' to 3700'
7. TOOH w/tbg to 3700' set 200' C1A cement plug from 3700' to 3500', (safety plug).
8. TOOH w/tbg to 3500' gel hole 3500' to 2752'.
9. Set 100' C1A cement plug 50' in/out of casing cut, perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs.
10. TOOH w/tbg to 2752', set 250' C1A cement plug 2752' to 2502'. (Gas show @ 2702').
11. TOOH w/tbg, Free point 6 5/8" csg, cut csg @ free point, TOOH w/csg.
12. Set 100' C1A cement plug 50' in/out of casing cut, perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs.
13. TIH w/tbg to 2502' gel hole from 2502' to 1633'.
14. TOOH w/tbg to 1633', set 100' C1A cement plug 1633' to 1533'. (elevation @ 1583').

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15. TOOH w/tbg to 1533', gel hole 1533' to 1100'.
16. TOOH w/tbg to 1100', set 100' C1A cement plug 1100' to 1000'. (8 ¼" csg seat @1056').
17. TOOH w/tbg, Free point 8 ¼" csg, cut csg at free point, TOOH w/csg.
18. Set 100' C1A cement plug 50' in/out of casing cut, perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs.
19. TIH w/tbg to 1000' gel hole from 1000' to 400'.
20. TOOH w/tbg to 400', set 400' C1A cement plug, 400' to 0. (10" csg @ 333'& coal @ 214'-218' & FW @ 30')
21. ~~Free point 10" casing, cut casing @ free point, TOOH w/csg.~~
22. ~~Set 100' C1A cement plug 50' in/out of casing cut, perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs~~
23. Erect monument with API#
24. Reclaim location and road to WV-DEP specifications.

★ 19a. TRY TO PULL 10" CASING. IF PULLED, SET A CLASS A CEMENT PLUG FROM 400' TO SURFACE. CONTINUE TO STEP 23. IF 10" IS NOT PULLED CONTINUE TO STEP 20.

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WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Up-96
Weston S. E. Quad.

Gas Well

Company	Pittsburgh & W. Va. Gas Co.
Address	Clarksburg, W. Va.
Farm	Mary F. Higginbotham ACRES 500
Location	Weston S/E 4-3
Well No.	7786 ELEV. 1583 VA
District	Buckhannon - Upshur County
Surface & Mineral	Lula C. Higginbotham, et al
Address	65 S Kanawha St., Buckhannon, W. Va.
Commenced	April 14, 1941
Completed	July 1, 1941
Shot	7/1/41 - depth 4631-4644
Open Flow	29/10ths Merc. in 1-1/2"
Volume	408,000 c.f.
Rock Pressure	1740 lbs. 48 hrs.
Water	-

CASING & TUBING		
10	333	333
8-1/4	1056	1056
6-5/8	2575	2575
3	4669	4669

Packer - Combination
Size - 6-5/8x3
Depth set - 4382
Perf. top - 4623
" bot.- 4626

Coal at 214' 48"

Clay	rd	s	0	20	
Soapstone	wh	s	20	30	W 25 1BH
Red Rock	rd	s	30	69	
Sand	dk	h	69	81	
Red Rock	rd	s	81	100	
Lime	dk	h	100	195	
Slate	wh	s	195	214	
Coal	bk	s	214	218	
Lime	dk	h	218	239	
Slate	wh	s	239	315	
Lime	dk	h	315	339	
Red Rock	rd	s	339	349	
Lime	dk	h	349	361	
Slate	wh	s	361	376	
Red Rock	rd	s	376	398	
Lime	dk	h	398	414	
Red Rock	rd	s	414	426	
Lime	dk	h	426	440	
Red Rock	rd	s	440	473	
Lime	dk	h	473	491	
Red Rock	rd	s	491	506	
Lime	dk	h	506	528	
Red Rock	rd	s	528	540	
Lime	dk	h	540	554	
Slate	wh	s	554	566	
Red Rock	rd	s	566	586	
Slate	wh	s	586	607	
Lime	dk	h	607	618	
Slate	wh	s	618	623	
Lime	dk	h	623	661	
Slate	wh	s	661	667	
Red Rock	rd	s	667	712	
Slate	wh	s	712	721	
Lime	dk	h	721	736	
Slate&Shells	wh	s	736	772	
Lime	dk	h	772	798	
Slate	wh	s	798	825	
Lime	dk	h	825	853	
Slate	wh	s	853	870	
Lime	dk	h	870	897	
Slate	wh	s	897	903	
Lime	dk	h	903	975	
Slate	wh	s	975	981	
Lime	dk	h	981	991	
Slate	bk	s	991	998	
Lime	dk	s	998	1018	
Lime	dk	h	1018	1032	
Slate	wh	s	1032	1065	
Gas Sand	dk	h	1065	1091	
Slate&Shells	wh	s	1091	1118	
Lime	dk	h	1118	1138	
1st Salt Sd.	wh	h	1138	1178	
Slate&Shells	dk	s	1178	1203	
Lime	dk	h	1203	1223	
Slate	wh	s	1223	1237	
Lime	dk	h	1237	1256	
Slate	wh	s	1256	1261	
Lime	dk	h	1261	1275	
2nd Salt Sd	dk	h	1275	1310	
Slate	wh	s	1310	1311	
2nd Salt Sd	dk	h	1311	1432	
Slate&Shells	dk	s	1432	1471	
Lime	dk	h	1471	1530	W 1526 1BH
Slate	wh	s	1530	1555	
Lime	dk	h	1555	1576	
Sand	wh	h	1576	1644	
Slate	bk	s	1644	1679	
Slate	wh	s	1679	1695	
Red Rock	rd	s	1695	1735	
Lime	dk	h	1735	1763	
Maxon Sand	wh	h	1763	1830	
Red Rock	rd	s	1830	1857	
Lime	dk	h	1857	1873	
Red Rock	rd	s	1873	1879	
Lime	dk	h	1879	1893	
Slate	wh	s	1893	1902	
Lime	dk	h	1902	1917	
Slate&Shells	wh	s	1917	1949	
Big Lime	wh	h	1949	2040	SL 1990
Big Injun S	wh	h	2040	2164	
Slate	wh	s	2164	2167	
Sand	dk	h	2167	2177	
Slate	wh	s	2177	2185	
Squaw Sand	dk	h	2185	2217	
Slate	wh	s	2217	2226	
Lime	dk	h	2226	2260	
Sand	dk	h	2260	2309	
Slate	wh	s	2309	2312	
Sand	dk	h	2312	2322	
Slate	wh	s	2322	2330	
Gantz Sand	wh	h	2330	2386	
Slate	wh	s	2386	2392	
Sand	dk	h	2392	2401	
Slate	wh	s	2401	2406	
Red Rock	rd	s	2406	2410	
Sand	dk	h	2410	2420	
Slate&Shells	wh	s	2420	2447	
Lime	dk	h	2447	2468	
Red Rock	rd	s	2468	2477	
Lime	dk	h	2477	2492	

Continued to page #2

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UPS-96

WELL RECORD CONT'D

Permit No. Up-96
Company Pittsburgh & W. Va. Gas Co.
Farm Mary F. Higginbotham
Acres 500
Location Weston S/E
Well No. 7786
Commenced April 14, 1941
Completed July 1, 1941

Red Rock	rd	s	2492	2511	
Red Rock Shells	rd	s	2511	2564	
Sand	dk	h	2564	2660	
Slate&Shells	wh	s	2660	2712	Sh. Gas 2702
Sand	dk	h	2712	2779	
Lime	dk	s	2779	2842	
Slate&Shells	wh	s	2842	2900	
Lime	dk	h	2900	2936	
Slate&Shells	wh	s	2936	2947	
Lime	dk	h	2947	3022	
Slate & Shells	wh	s	3022	3088	
Lime	dk	h	3088	3120	
Slate&Shells	wh	s	3120	3152	
Lime	dk	h	3152	3183	
Slate&Shells	wh	s	3183	3196	
Gritty Lime	dk	h	3196	3287	
Sand	wh	h	3287	3307	
Slate	wh	s	3307	3309	
Lime	dk	h	3309	3326	
Slate&Shells		s	3326	3351	
Lime	dk	h	3351	3400	
Slate&Shells	wh	s	3400	3418	
Lime	dk	h	3418	3457	
Slate&Shells	wh	s	3457	3628	
Lime	dk	h	3628	3787	
Slate&Shells	wh	s	3787	3832	
Lime	dk	h	3832	3998	
Slate&Shells	wh	s	3998	4053	
Lime	dk	h	4053	4078	
Slate&Shells	wh	s	4078	4082	
Lime	dk	h	4082	4106	
Slate&Shells	wh	s	4106	4160	
Lime	dk	h	4160	4178	
Slate&Shells	wh	s	4178	4234	
Lime	dk	h	4234	4247	SL 4245
Slate&Shells	wh	s	4247	4326	
Lime	dk	h	4326	4342	
Slate&Shells	wh	s	4342	4374	
Lime	dk	h	4374	4389	
Slate&Shells	wh	s	4389	4631	SL 4636
Benson Sand	bn	h	4631	4654	Gas 4634-4640 42/10 W 1-1/2"
Lime	dk	h	4654	4669	
Total Depth				4669	

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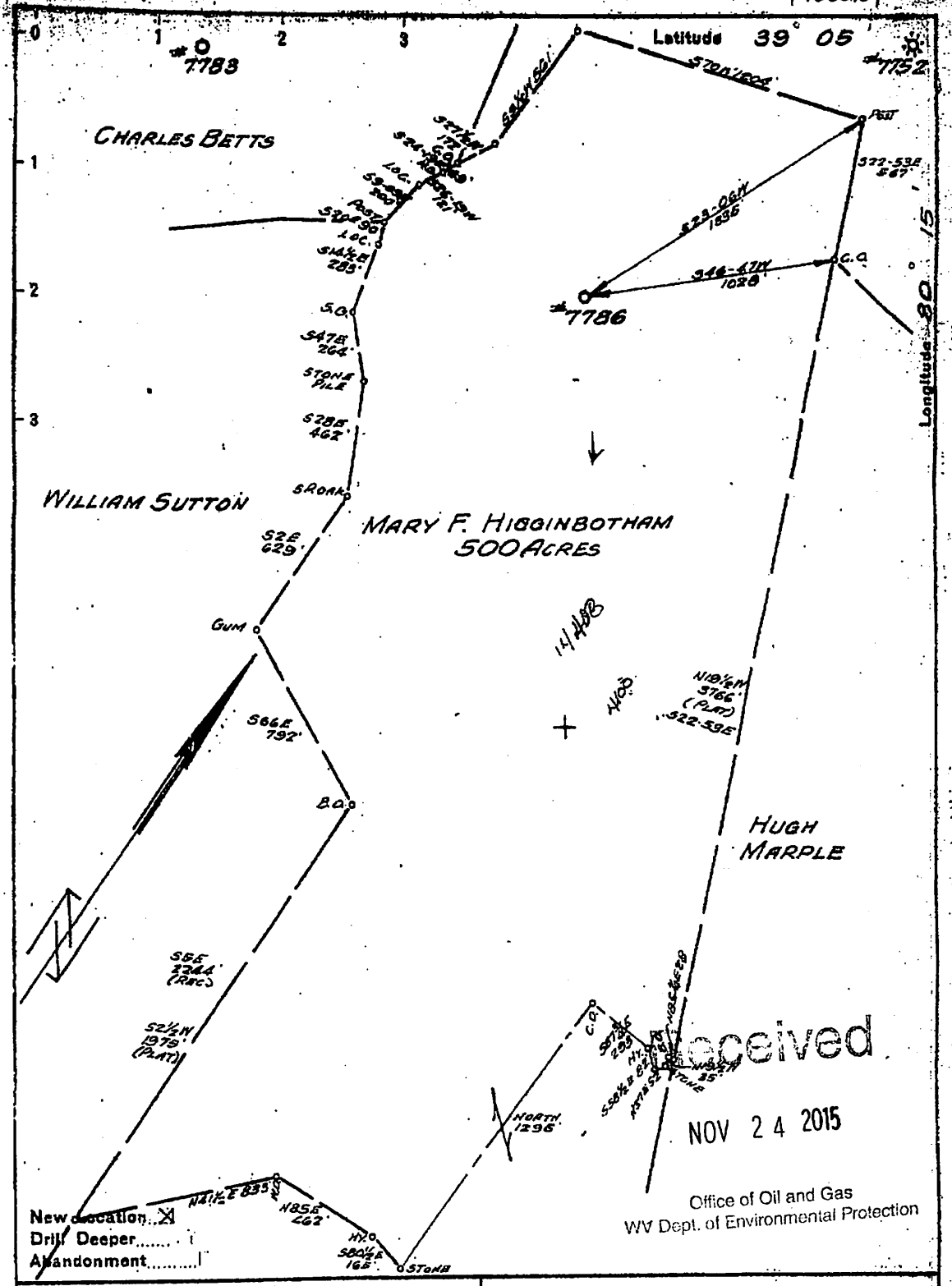

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Company PITTSBURGH & W.VA. GAS CO.
Address CLARKSBURG, W.VA.
Farm MARY F. HIGGINBOTHAM ET AL
Tract _____ Acres 500 Lease No. 21717
Well (Farm) No. ONE Serial No. 7786
Elevation (Spirit Level) 1583 V.A.
Quadrangle WESTON S.E. 4
County UPSHUR District BUCKHANNON
Engineer James Jeffries
Engineer's Registration No. 1084
File No. V-76. P-98 Drawing No. _____
Date 2-6-41 Scale 1" = 500'

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

WELL LOCATION MAP

FILE NO. UP-96

+ 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.

9700967

WW-4-A
Revised 6/07

1) Date: November 20, 2015
2) Operator's Well Number
607786 (M. Higginbotham #1 - #7786)
3) API Well No.: 47 (State) 097 (County) - 00096 (Permit)

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

4) Surface Owner(s) to be served:
(a) Name: Charles R. Bell, Sr.
Address: P. O. Box 1069
Bellington, WV 26150

(b) Name: Windamar, Inc.
Address: 51 Boggess Street
Buckhannon, WV 26150

(c) Name: Mike Ross, Inc.
Address: P. O. Box 219
Coalton, WV 26257

6) Inspector: Bryan Harris
Address: P. O. Box 157
Volga, WV 26238
Telephone: (304) 553-6087

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

(b) Coal Owner(s) with Declaration
Name:
Address:

Name:
Address:

(c) Coal Lessee with Declaration
Name: None
Address:

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Office of Oil and Gas
WV Dept. of Environmental Protection

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

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

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

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

OFFICIAL SEAL
STATE OF WEST VIRGINIA
NOTARY PUBLIC
Misty S Christie
1207 Briercliff Rd
Bridgeport, WV 26330
My Commission Expires February 20, 2018

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

Subscribed and sworn before me this 23rd day of November, 2015
Misty S. Christie Notary Public
My Commission Expires: 2/20/18

The Office of Oil & Gas processes your personal information, such as name, address and phone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

9700096P

WW-9
Revised 2/03

Page _____ of _____
2) Operator's Well Number
607786 (M. Higginbotham #1 - #7786)
3) API Well No.: 47 097 - 00096

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS
CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name: EQT PRODUCTION COMPANY OP ID: _____
Watershed: Sauls Run Quadrangle: Berlin 7.5'
Elevation: 1609 ft. County: Upshur District: Buckhannon
Description of anticipated Pit Waste: **Formation Fluids**

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes___ No X
Will synthetic liner be used in the pit? **Yes** Is so, what ml.? **10 ml**

Proposed Disposal Method for Treated Pit Wastes:
- **X** Land Application
- _____ Underground Injection - UIC Permit Number _____
- _____ Reuse (at API Number) _____
- _____ Offsite Disposal Permit #.
- _____ Other: Explain _____

Drilling medium anticipated for this well? Air, freshwater, oil based, etc.
If oil based, what type? Synthetic, petroleum, etc.
Additives to be used?
Will closed loop system be used?
Drill Cuttings disposal method? Leave in pit, landfill, remove offsite, etc.
If left in pit and plan to solidify what medium will be used? Cement, Lime, sawdust
Landfill or offsite name/permit number?

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WV Dept. of Environmental Protection

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 Division of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any terms 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 _____
Company Official (Typed or Printed) Victoria Roark
Company Official Title Permitting Supervisor-WV
Subscribed and sworn before me this 23rd day of November, 2015

Misty S. Christie
Notary Public
My Commission Expires 2/20/18

OFFICIAL SEAL
STATE OF WEST VIRGINIA
NOTARY PUBLIC
Misty S Christie
1207 Briercliff Rd
Bridgeport, WV 26330
My Commission Expires February 20, 2018

9700096P

OPERATOR'S WELL NO.:
7786 (M. Higginbotham #1 - #7786)

LEGEND

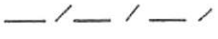
Property Boundary

Diversion

Road
==========

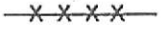
Spring

Wet Spot

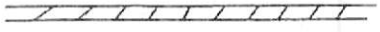
Planned Fence 

Drain Pipe with size in inches

Water Way

Existing Fence 

Stream

Cross Drain 

Open Ditch

Artificial Filter Strip

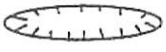
Rock

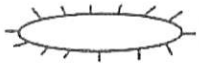
North
N

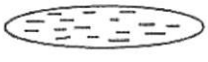
Building

Water well

Drill site

Pit with Cut Walls 

Pit with Compacted Walls 

Area of Land Application of Pit Waste 

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

Lime 3 Tons/acre or to correct to pH 6.5

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

Mulch 2 Tons/acre or hydroseed.

SEED MIXTURES

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

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

Plan approved by: Bryan O'Hara

Comments: _____

Title: Inspector Date: 12-2-15

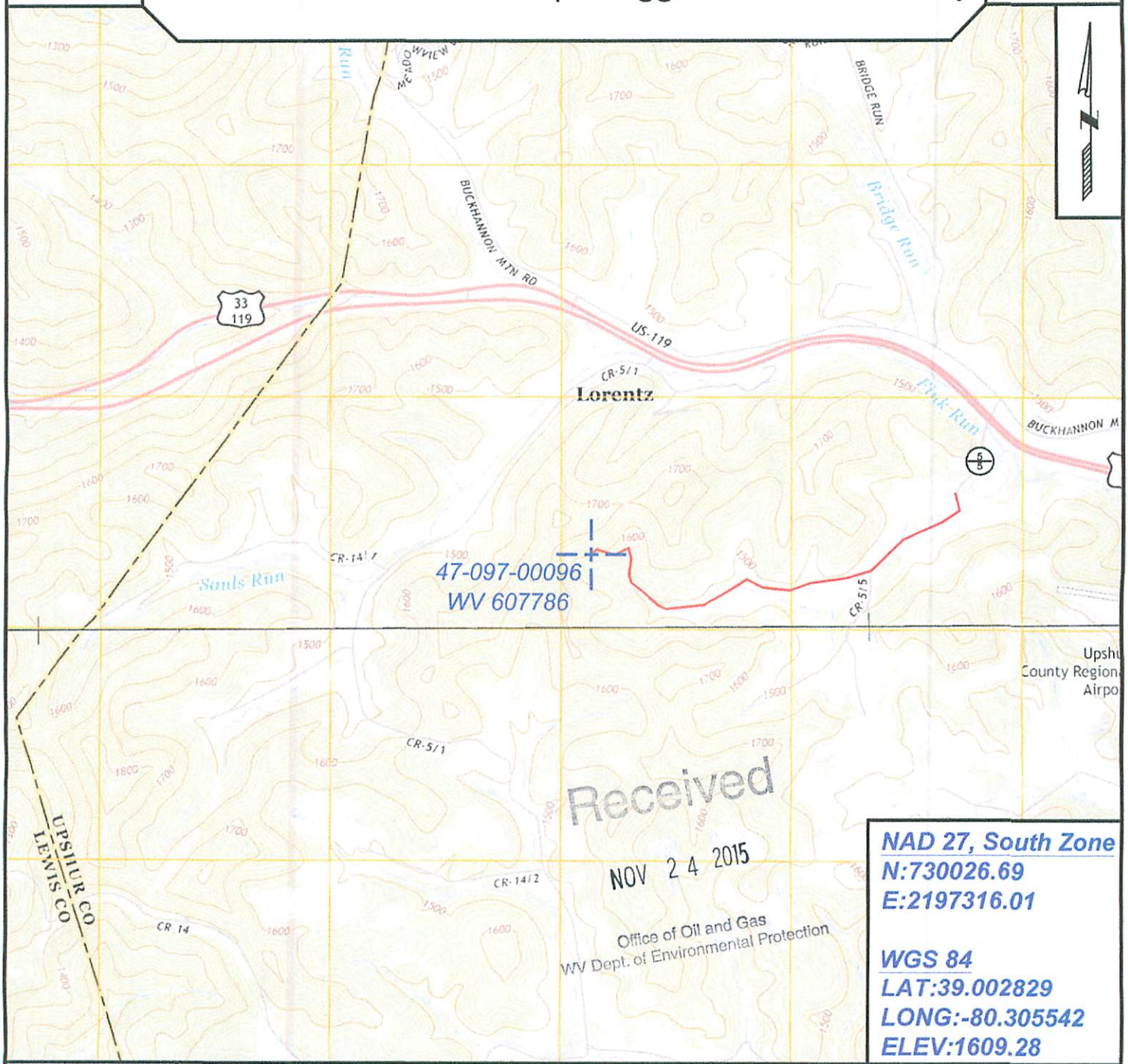
Field Reviewed? X Yes _____ No

9700096P

Topo Quad:	Berlin 7.5'	**Scale:**	1" = 2000'
County:	Upshur	**Date:**	October 26, 2015
District:	Buckhannon	**Project No:**	39-09-00-09

47-097-00096 WV 607786 (M. Higginbotham #1 - 7786)

Topo



Received
NOV 24 2015
Office of Oil and Gas
WV Dept. of Environmental Protection

NAD 27, South Zone
N:730026.69
E:2197316.01

WGS 84
LAT:39.002829
LONG:-80.305542
ELEV:1609.28

SURVEYING AND MAPPING SERVICES PERFORMED BY:

ALLEGHENY SURVEYS, INC.

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

PREPARED FOR:

EQT Production Company

P.O. Box 280
Bridgeport, WV 26330

9700096P

WW-7
8-30-06

West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-097-00096 **WELL NO.:** WV 607786 (M. Higginbotham #1 - #7786) .

FARM NAME: Mary F. Higginbotham .

RESPONSIBLE PARTY NAME: EQT Production Company .

COUNTY: Upshur . **DISTRICT:** Buckhannon .

QUADRANGLE: Berlin 7.5' .

SURFACE OWNER: Charles R. Bell Sr. .

ROYALTY OWNER: EQT Production Company, et al. .

UTM GPS NORTHING: 4317320 .

UTM GPS EASTING: 560132 . **GPS ELEVATION:** 490 m (1609 ft) .

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 South, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS ____: Post Processed Differential ____
Real-Time Differential ____

Mapping Grade GPS X : Post Processed Differential X
Real-Time Differential ____

4. **Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

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Stacy O Brown — Signature
PS # 2180 — Title
11/11/15 — Date

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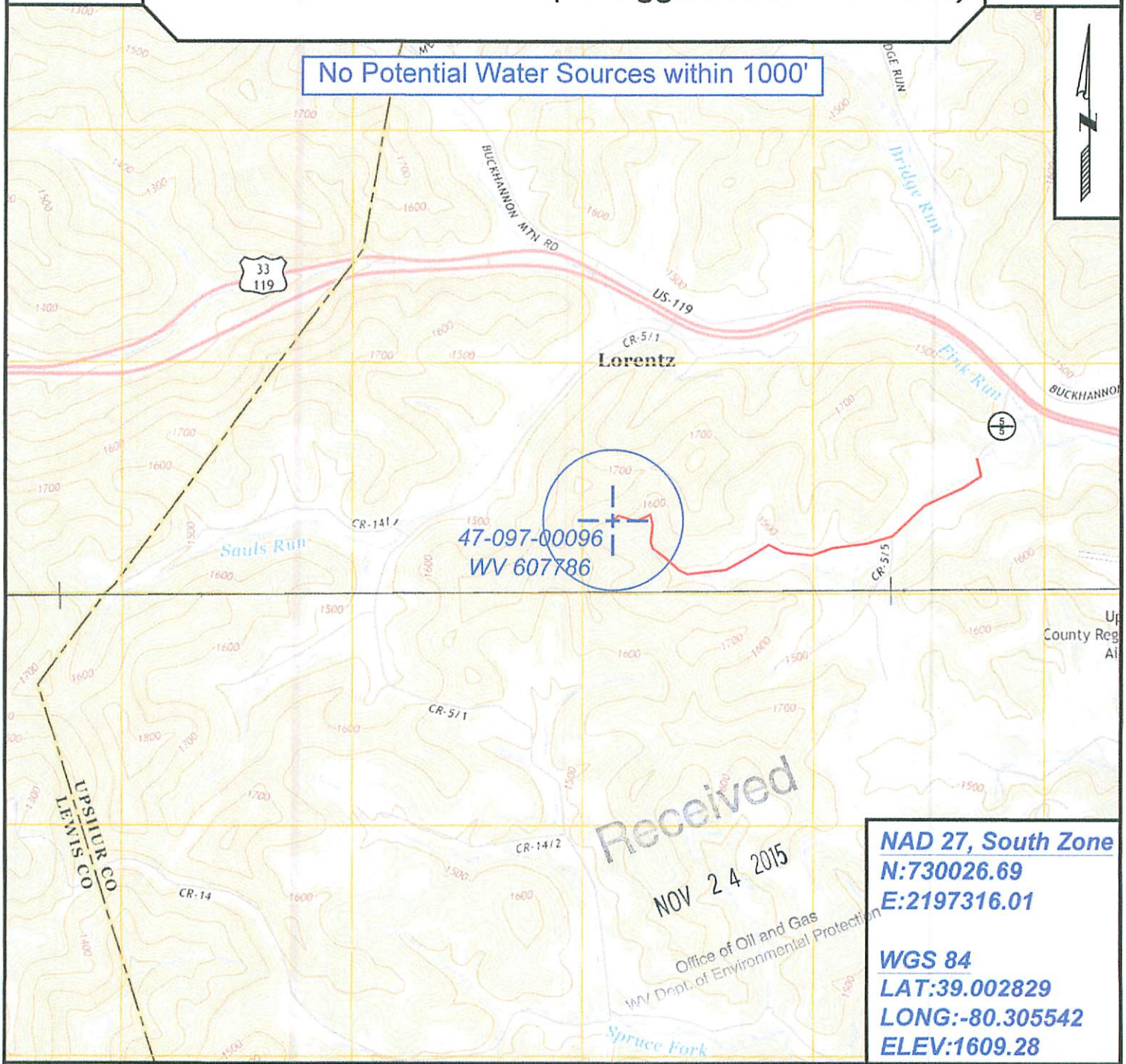
Topo Quad: Berlin 7.5' **Scale:** 1" = 2000'

County: Upshur **Date:** October 26, 2015

District: Buckhannon **Project No:** 39-09-00-09

Water

47-097-00096 WV 607786 (M. Higginbotham #1 - 7786)



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PREPARED FOR:

EQT Production Company

P.O. Box 280
Bridgeport, WV 26330

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POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY .
LEASE NAME AND WELL No. M. Higginbotham #1 - 7786 - WV 607786 - API No. 47-097-00096 .

POTENTIAL SAMPLE LOCATIONS

There appears to be no known water samples within the required 1000' of the existing well WV 607786.

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BIRCH RIVER OFFICE
237 Birch River Road
Birch River, WV 26610
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fax: 304-649-8608

BRIDGEPORT OFFICE
172 Thompson Drive
Bridgeport, WV 26330
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ALUM CREEK OFFICE
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Alum Creek, WV 25003
phone: 304-756-2949
fax: 304-756-2948

RANSON OFFICE
401 South Fairfax Blvd, Suite 3
Ranson, WV 25438
phone: 304-724-5008
fax: 304-724-5010

ALLEGHENYSURVEYS.COM

9700096P

MUWV FAX-A-LOCATE SYSTEM INPUT FORM

WV 607786

Attention: Use of this system is a privilege limited to registered users adhering to the following guidelines:
(1) Use limited to routine requests (48 hr. advance notification, excluding weekends and holidays). All other locate requests must be called in to 800-245-4848
(2) Users must allow an additional 2 hours processing time for a total of 50 hours minimum lead-time.
(3) Forms other than this one will not be accepted
(4) Forms with insufficient or vague information will be returned for correction
(5) Failure of any user to follow these guidelines can result in the loss of this privilege

FAX COMPLETED FORM TO (800) 217-3720 **PLEASE TYPE OR PRINT LEGIBLY**

CALLER_____ TELEPHONE #_____

FAX#_____COMPANY NAME **EQT PRODUCTION COMPANY**

CO ADDRESS_____ CITY_____

WORKDATE_____ START TIME_____

COUNTY **Upshur**. TOWN_____

WORKING WITHIN CORPORATE LIMITS OF TOWN? YES____ or NO **X**

WORK SITE ADDRESS **SEE REMARKS**

NEAREST INTERSECTING ST **U.S. Route 119 & 33 and WV County Route 5/5**.

WHEN PHYSICAL ADDRESS PROVIDED; IS EXCAVATION DIRECTLY AT ABOVE ADDRESS? YES____ or NO____ If no; excavation length beyond work site address _____ (Ft, Yds, Mi) and direction _____ (N,S,E,W)

When only intersection provided as work site location (no address #) Must answer the questions below:

A. LOCATE TO BEGIN OR INCLUDE INTERSECTION? YES___ or NO **X**
Total Excavation Length To and Including Intersection _____(Ft,Yds,Mi) direction_____(N,S,E,W)
B. LOCATE TO BEGIN A DISTANCE FROM AN INTERSECTION? YES **X** or NO___
If YES, How far **0.2 MILE** (Ft, Yds, Mi) in what direction **SOUTHWEST** (N,S,E,W)
C. WILL EXCAVATION LENGTH CONTINUE BEYOND THIS POINT? YES **Y** or NO____
If YES, How far **1.25 MILES** (Ft, Yds, Mi) in what direction **SOUTHWEST** (N,S,E,W)

LATITUDE AND LONGITUDE GRIDS (GPS/GRID ID#) **SEE EXHIBIT B**

EXCAVATION DEPTH **VARIES** AREA MARKED IN WHITE? **YES** BLASTING? **UNKNOWN**

TYPE OF WORK_____

LOCATE: ST____ SIDEWALK____ PRIV PROP **X** FRONT____REAR____SIDES____
OTHER_____

WORKING FOR_____CONTACT PERSON_____

CONTACT PHONE #_____ ALT PHONE #_____

ALT CONTACT PERSON_____ ALT PHONE #_____

ADDITIONAL REMARKS **SEE EXHIBIT A & B**

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Excavators are advised that there may be other underground facilities at their work area that are owned or operated by parties that are not members of MUWV and who must be contacted directly by the excavator.