

Form



# ALT METHOD

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS MANAGEMENT

DEP USE ONLY	
Auth. No. <b>1280690</b>	U.S. Well <b>site: 41680</b>

## NOTICE OF INTENTION BY WELL OPERATOR TO PLUG A WELL

<input checked="" type="checkbox"/> Well Operator <input type="checkbox"/> Coal Operator		OGO No.	U.S. Well No. (Permit / Reg) 37-051-20785	Date Drilled (If known)
Name American Exploration Company ✓		Well Farm Name USX 524 ✓		
Address 525 Plymouth Road, Suite 2320		Telephone No. 610-940-4015	Well No. 1 ✓	Well Serial No.
City Plymouth Meeting	State PA	Zip Code 19462	County Fayette ✓	
<input type="checkbox"/> Agent (contractor) acting on behalf of the operator named above.			Municipality Dunbar Twp. ✓	
Address		Telephone No.	Latitude (DD) <b>39.995084</b>	Longitude (DD) <b>-79.643142</b>
City	State	Zip Code	Attach well record if not previously submitted.	

**Complete this section if applicable.** Prior to abandoning any well in an area underlain by a workable coal seam, the well operator or owner shall notify the coal operator, lessee, or owner of the intention to plug and abandon the well, and shall submit a plat showing the location and affix the date and time at which the work of plugging will commence.

Coal: <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Lessee	Coal: <input type="checkbox"/> Operator <input type="checkbox"/> Owner <input type="checkbox"/> Lessee	Coal: <input type="checkbox"/> Operator <input type="checkbox"/> Owner <input type="checkbox"/> Lessee
Name RGGS Land and Minerals LTD ✓	Name LP	Name
Address 100 Waugh Drive, Suite 1400	Address	Address
City, State, Zip Code Houston, TX 77007	City, State, Zip Code	City, State, Zip Code
Telephone No.	Telephone No.	Telephone No.
Notified? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Notified? <input type="checkbox"/> Yes <input type="checkbox"/> No	Notified? <input type="checkbox"/> Yes <input type="checkbox"/> No
This Party hereby waives the rights to be notified of the date and time before plugging work will begin and to be present at the plugging of this well. Signature:	This Party hereby waives the rights to be notified of the date and time before plugging work will begin and to be present at the plugging of this well. Signature:	This Party hereby waives the rights to be notified of the date and time before plugging work will begin and to be present at the plugging of this well. Signature:

Scheduled Date and Time of Plugging	Plugging is scheduled to begin on (date) <b>8/16/2019</b> at (time) <b>TDD</b>
Checklist and Additional Attached Information	Signature of Applicant (Operator or Agent)
<input checked="" type="checkbox"/> Location Plat <input type="checkbox"/> Current Well Record <input type="checkbox"/> Available Well Record <input checked="" type="checkbox"/> Application for Approval of Alternate Method of Plugging <input type="checkbox"/> Mine - Through <input checked="" type="checkbox"/> Other, describe:	Signature  Date <b>7/16/2019</b> Print or Type Signer's Name and Title Booth T. Halloran, Vice President

DEP USE ONLY	
If this well has not been permitted or registered previously, DEP hereby assigns this identification number to the well location described in this notice:  Identification No. _____ Date _____ Please refer to this number in all future correspondence.	Notice acknowledged by DEP Rep (Signature) Date <b>7/30/19</b> (Print Name) <b>David M. Dermott</b>
	Geologist  Date

Send a copy of this notice to the applicant and the DEP inspectors.

<input type="checkbox"/> Applicant <input type="checkbox"/> Oil and Gas Inspector <input type="checkbox"/> Mine Inspector	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>Obj. Date: 8/1/19</b> </div>	Date Received in DEP Office Plugging must begin within 30 days of <div style="border: 1px solid black; padding: 5px; display: inline-block; color: red;"> <b>RECEIVED</b>  <b>JUL 17 2019</b> </div>
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DEP SWDO  
OIL & GAS

GEO COPY

## WELL LOCATION PLAT

Well is located on topo map 1800 feet south of LATITUDE 40 00 00

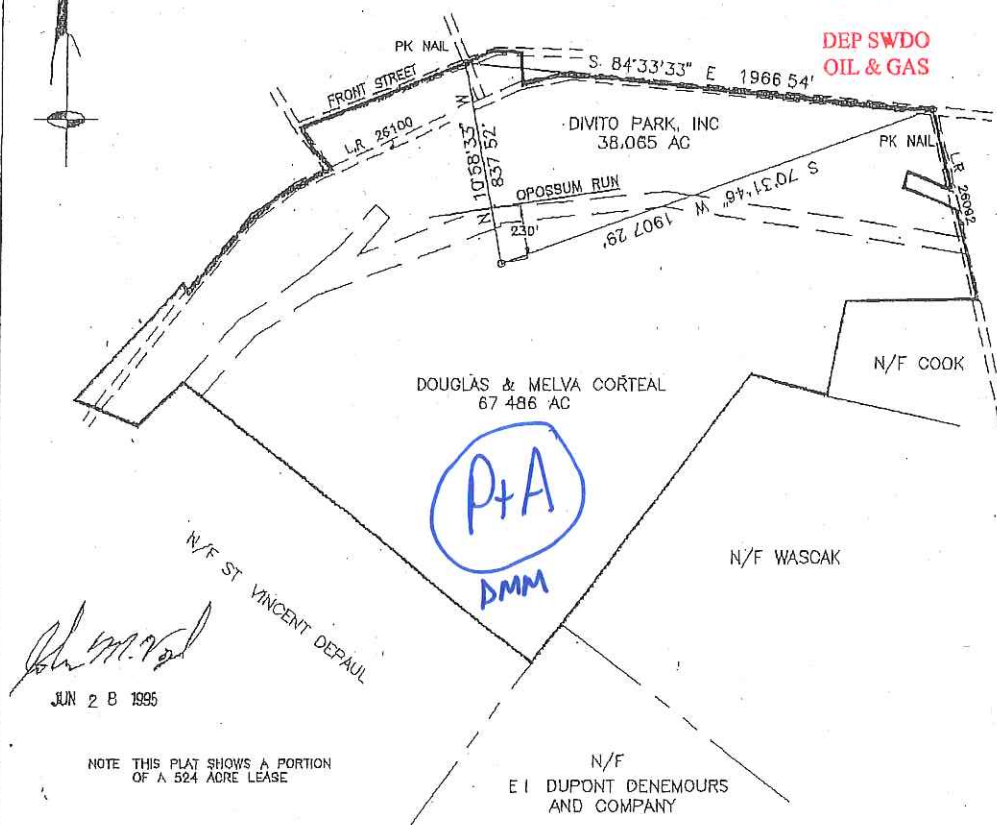


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Well is located on topo map 5150 feet west of LONGITUDE 79 37 30



JUN 28 1995

NOTE THIS PLAT SHOWS A PORTION  
OF A 524 ACRE LEASE

Note Location is at least 330' from property lines & 1000' from existing wells  
include description of the property and courses and distances of the well location  
to two or more permanent identifiable points or land marks, all buildings, and  
water supplies within 200', all springs, bodies of water, and streams within 100'  
identified on the current 7-1/2' topographic map and wetlands within  
100'. Reference to buildings, springs, etc not required for well plugging  
Denotes location of well on 7.5' topographic map Permit # \_\_\_\_\_ Project # \_\_\_\_\_

Department Use Only

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CBOB [Signature]

37-057-20915-00

MID-PENN ENERGY CORPORATION		Revision	<input type="checkbox"/>	JOHN M VOZEL
Well Permittee/Registrant		Alteration	<input type="checkbox"/>	Surveyor/Engineer SU-41486-E
434 BEAVER STREET		Storage Recondition	<input type="checkbox"/>	725.26
Address		New location	<input checked="" type="checkbox"/>	Drawing Number
SEWICKLEY, PA 15143		Drill Deeper	<input type="checkbox"/>	6-28-95
DOUGLAS & MELVA CORTEAL		Abandonment	<input type="checkbox"/>	Date
Surface Owner		Registration	<input type="checkbox"/>	1 INCH = 600 FEET
N/A		Plugging	<input type="checkbox"/>	Scale
Surface Lessor (if any)		Surface landowner and water purveyor with water supply within 1,000'		Approximate course and distance to water supply
USX-524		DIVITO PARK, INC		S 15 W 477'
Farm Name		RECEIVED		
1		JUL 20 1995		
Well No	105.5	PA GEOLOGICAL SURVEY		
Acres	1060	Oil & Gas Geology Division		
Ground Elevation	4500	Workable Coal Seams		
Angle of Deviation	N/A	Owner/Operator/Leasee	U.S.X.	ALL SEAMS
Anticipated ID	4500	Name of Seam		
FAYETTE	DUNBAR TWP.	C-71112		
County	Municipality	U.S.X.		
UNIONTOWN	3	C-71112		
Topo Quadrangle	Section	U.S.X.		
Commonwealth of Pennsylvania		U.S.X.		
Department of Environmental Resources		U.S.X.		
Bureau of Oil and Gas Management		U.S.X.		





**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS MANAGEMENT

DEP USE ONLY
Application Tracking # 1280692

## Proposed Alternate Method or Material for Casing, Plugging, Venting or Equipping a Well

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Well Operator American Exploration Company		DEP ID# 49725		Well Permit or Registration Number 37-051-20785		DEP SWDO OIL & GAS
Address 525 Plymouth Road, Suite 320				Well Farm Name USX 524		
City uyuyynnPlymouth Meeting	State PA	Zip Code 19462	Well # 1	Serial #		
Phone 610-940-4015	Fax 610-940-4020	County Fayette	Municipality Dunbar Twp			

A proposed alternate method is subject to provisions in §3221 of the 2012 Oil and Gas Act, 58 Pa. C.S. §3221 Section 13 of the Coal and Gas Resource Coordination Act, 58 P.S. §513 and 25 PA Code §§78.75-78.75a (relating to Alternate Methods.) **Attach proof of notification of coal operator(s).**

Describe in reasonable detail using a written description and / or diagram:

1. the proposed alternate method or materials, and
2. the manner in which the alternative will satisfy the goals of the laws and regulations.

AEC's proposed Alternate Method of Plugging wells located in coal area:

1. In lieu of venting requirement of 78.92 or 78.93 relating to wells in coal areas, AEC proposes to cement the well from total depth or attainable depth to surface. This will meet the requirements of 78.91H regarding cementing solid from the total or approved attainable bottom to surface which is superior to a gel-cement sequence in coal areas and eliminates the need for a vent.

2. AEC will cement the well from total depth or attainable bottom to surface with class A cement to stop the vertical flow of gas or liquid to the surface within the well bore.

3. AEC will attempt identify free point of all tubing, packers and casings. If the casings, packers and casings are not free and cannot be retrieved, AEC will perforate casings to squeeze cement into the annulus or other method approved by the department.

4. AEC will reclaim and set monument according to PADEP regulations after well is plugged.

Optional: Approval by Coal Owner or Operator		Signature of Applicant / Well Operator	
Signature  AEC's	Date	Signature	Date
Print or Type Signer's Name and Title		Print or Type Signer's Name and Title	
		Booth T. Halloran, Vice President	

If optional approval is signed by coal owner or operator, the 15-day objection period may be waived.

<b>DEP USE ONLY</b>		
Approved by (DEP Manager) 	Conditions <input type="checkbox"/> YES, See Attached <input checked="" type="checkbox"/> NO	Date 7/30/19

## WELL RECORD AND COMPLETION REPORT

1. In accordance with 25 Pa. Code 78.122(a), a Well Record must be submitted to the Department within 30 calendar days of cessation of drilling or altering a well.
2. In accordance with 25 Pa. Code 78.122(b), a Completion Report must be submitted within 30 calendar days after completion of the well. In addition, the information on land application of topsoil water and disposal of residual waste (including contaminated drill cuttings) in a pit is to be filed with the Completion Report (see ER-OG-75).

Well Operator Mid-Penn Energy Corporation		Telephone Number (412) 741-7015	
Address 434 Beaver Street, Sewickley, PA 15143			
Permit Number 37-051-20785		Project Number	
Farm Name USX-524	Farm Number 1	Serial Number	Acres 105.5
Township Dunbar		County Fayette	
Type of Well <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Oil <input type="checkbox"/> Injection <input type="checkbox"/> Storage <input type="checkbox"/> Disposal <input type="checkbox"/> Other (Specify)			

WELL RECORD  
(include Driller's Log on Reverse Side)

Drilling Method Rotary (Air <input checked="" type="checkbox"/> Mud <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other <input type="checkbox"/> (Specify)		Date Drilling Started 7/10/95	Date Drilling Completed 7/16/95
Elevation 1060'	Total Depth 4234'	7 1/2' Quadrangle Uniontown	

## CASING AND TUBING RECORD

Hole Size	Pipe Size	Amount In Well	Material Behind Pipe	Packer/Hardware			Date Run
			Type and Amount	Type	Size	Depth	
17-1/4"	13-3/8"	36'	sanded in				7/10/95
12-1/4"	9-5/8"	470'	50 sx Class A w/ 3% CaCl <sub>2</sub> & 1/2# celoflake/sack	shoe	9-5/8"	471'	7/11/95
8-3/4"	7"	1430'	210 sx Class A w/ 3% CaCl <sub>2</sub> & 1/2# celoflake/sack	shoe	7"	1431'	7/12/95

Cement return on surface casing? ☒ yes ☐ no

## COMPLETION REPORT

Perforation Record			Stimulation Record						
Date	Interval Perforated		Date	Interval Treated	Fluid		Propping Agent		Average Injection Rate
	From	To	Type		Amount	Type	Amount		
Natural Open Flow N/A			Natural Rock Pressure		Hours		Days		
After Treatment Open Flow			After Treatment Rock Pressure		Hours		Days		

Name, Address, and Telephone Number of Well Service Companies	
Whipstock Drilling Co., Inc., 150 Franklin St., Clymer, PA 15728	(724) 254-0500
Appalachian Well Services, Inc., P.O. Box 636, Indiana, PA 15701	(724) 354-4400
Schlumberger Well Services, Fairmont, West Virginia	(304) 363-7602

DRILLER'S LOG OF FORMATIONS						
Name	Top	Bottom	Gas At	Oil At	Water At (Fresh or Brine)	Source of Data
Fill	0	15				Driller's Log
Sandy Lime	15	37				
Shale	37	57				
Sand & shale	57	418			1/2" fresh H <sub>2</sub> O	
Open Mine	418	428				
Sandstone & shale	428	1134				salt water @ 1378 Electric Log
Coal	1134	1142				
Sand & shale	1142	1270				
Coal	1270	1274				
Shale & sandstone	1274	1350				
Coal	1350	1357				
Shale & sandstone	1357	1503				
Sandstone	1503	1552				
Shale	1552	1648				
Big Lime	1648	1808				
Big Injun	1808	1878				
Shale	1878	1886				
Sandstone	1886	1912				
Sandstone & shale	1912	2141				
Shale	2141	2208				
Sandstone w/ shale	2208	2466				
Shale w/ siltstone	2466	2836				
Upper Fifth Ss	2836	2864				
Fifth Ss	2864	2948				
Shale	2948	2960				
Bayard	2960	3010				
Shale w/ minor siltstone	3010	3610				
Sandstone & shale	3610	3668				
Shale	3668	3706				
Sandstone	3706	3732				
Shale w/ siltstone	3732	3784				
Siltstone	3784	3800				
Shale	3800	4128				
2nd Bradford	4128	4135				
Shale	4135	4234				
TD	4234					

Operator's Signature Shannon S. Johnson Title President Date 7/21/98

FOR OFFICIAL USE ONLY  
 Reviewed By OJE Date 3/17/04 Comments \_\_\_\_\_

AMERICAN EXPLORATION COMPANY  
525 Plymouth Road, Suite 320  
Plymouth Meeting, Pa 19462

June 25, 2019

RGGS Land and Minerals LTD LP  
100 Waugh Drive, Suite 400  
Houston, TX 77007

Re: Notice of Intent to Plug  
USXs 524-1 Well Fayette Co.

Gentlemen:

The records of Fayette County, Pennsylvania indicate that you are the owners of the coal seams underlying the USX 524-1 well, API # 37-051-20785. Attached, please find a copy of the well plat. American Exploration Company ("AEC") intends to plug and abandon the USX 524-1 well this summer and is required by law to advise you of its intent to do so.

We have also included a copy of our Notice of Intent by Well Operator to Plug a Well ("NOIP"). If you consent to waiving the requirement that AEC give you notice of the date and time before actual plugging operations begin, would you please execute the copy of the NOIP in the space provided and return same to the undersigned.

AEC intends to file its NOIP on or before July 15, 2019. Your prompt attention to this matter would be greatly appreciated. Should you have any questions please feel free to contact the undersigned at 610-940-4015 or by E-mail at [wtrainor@americanexploration.net](mailto:wtrainor@americanexploration.net).

Thank you in advance for your cooperation and assistance.

Sincerely;



C. Warren Trainor

Enclosure: as

American Exploration Company  
525 Plymouth Road  
Suite 320  
Plymouth Meeting, PA 19462

July 16, 2019

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JUL 17 2019

DEP SWDO  
OIL & GAS

VIA OVERNIGHT COURIER

Pennsylvania Department of Environmental Protection  
Oil & Gas Management Program  
400 Waterfront Drive  
Pittsburgh, PA 15222-4745

Re: Notice of Intent to Plug

Gentlemen,

Attached please find American Exploration Company's ("AEC") Notice to Plug the Guynn #1, API # 37-051-20842, and the USX 524 Well, API# 37-051-20785, both in Dunbar Township, Fayette, Pennsylvania.

Attached to AEC's NOIP are copies of the letters sent to the owner of each coal seam.

Should you need anything in addition to the enclosed, please feel free to contact the undersigned.

Sincerely;



C. Warren Trainor

General Counsel



## OIL AND GAS TRANSMITTAL

<b>From:</b> Carrie Goodman	<b>To:</b> Eric Peterson
<b>Date:</b> 7/17/2019	<b>Return By:</b> 7/31/2019

The following item(s) were received in the SWDO on 7/17/2019 and are forwarded for your action:

**Proposed Alternate Method or Material for Casing, Plugging, Venting or Equipping a Well (8000-PM-OOGM0024)**

**The Above Item(s) Pertain To Permit:**

AUTH ID: 1280692	PERMIT #051-20785	MUNICIPALITY Dunbar Twp	COUNTY Fayette
OPERATOR: American Exploration Company			
WELL PAD: n/a		WELL #USX 524-1	SITE ID# 41680

**Comments By Reviewing Geologist:** [Click or tap here to enter text.](#)

**Action Taken By Reviewing Field Personnel:**

<input checked="" type="checkbox"/> APPROVED	<input type="checkbox"/> APPROVED WITH COMMENTS
<input type="checkbox"/> APPROVED WITH CONDITIONS	<input type="checkbox"/> DISAPPROVED WITH COMMENTS
<b>COMMENTS:</b> <a href="#">Click or tap here to enter text.</a>	

Eric S Peterson, DEP OGI

7/22/2019

Signature of Reviewing Personnel

Date

**Action Taken by Reviewing Supervisor:**

<input checked="" type="checkbox"/> APPROVED	<input type="checkbox"/> APPROVED WITH COMMENTS
<input type="checkbox"/> APPROVED WITH CONDITIONS	<input type="checkbox"/> DISAPPROVED WITH COMMENTS
<b>COMMENTS:</b> <a href="#">Click or tap here to enter text.</a>	

Scott M. Sabocheck

7/22/2019

Signature of Supervisor

Date

**PLEASE RETURN TO THE SWDO WITHIN [Click or tap here to enter text.](#) DAYS OF RECEIPT.**

[Transmittal Folder](#)