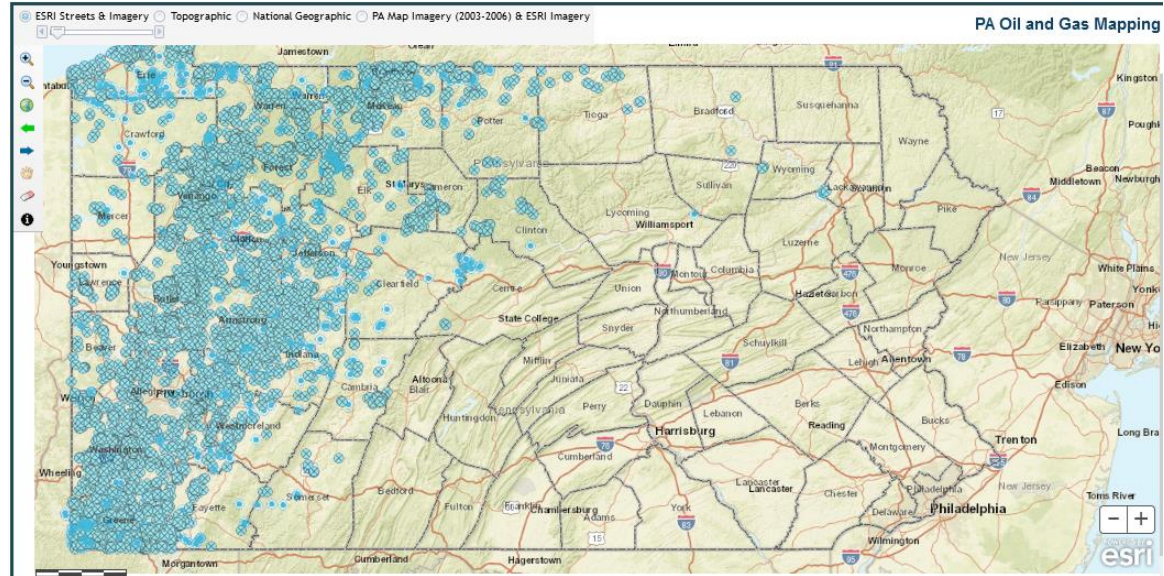
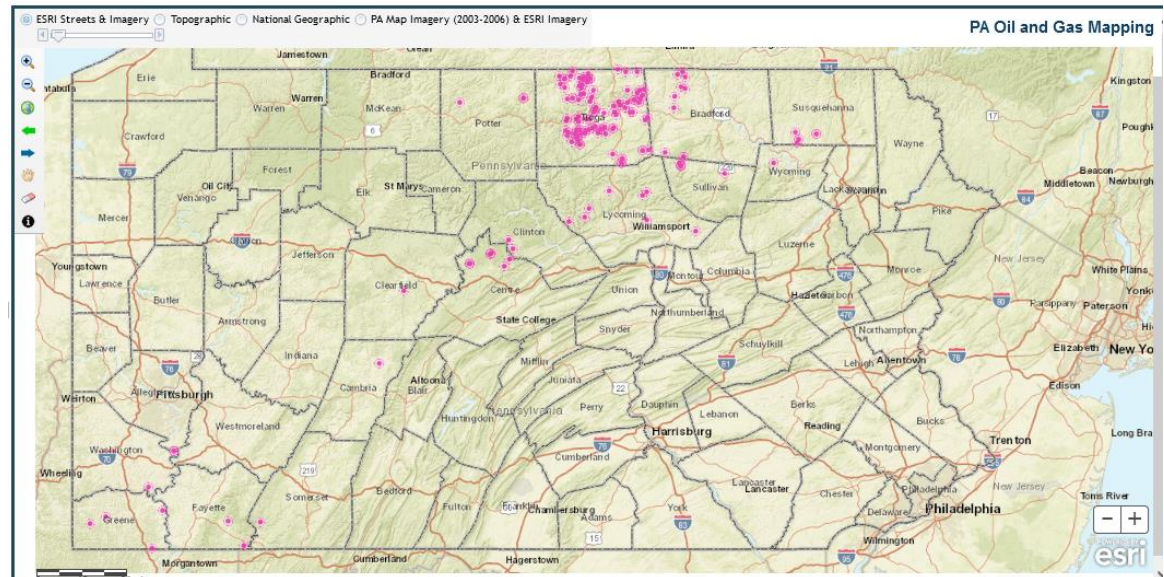


Abandoned Oil and Gas Wells

Abandoned Conventional Wells



Abandoned Unconventional Wells
(Is history repeating itself?)



Above, DEP map: <https://gis.dep.pa.gov/PaOilAndGasMapping/OilGasWellsStrayGasMap.html>

Abandoned Injection Wells

The screenshot shows the Pennsylvania Oil and Gas Mapping web application. The interface includes a left-hand sidebar with filters for Well Designation, Well Type, and Well Status. The main map area displays a topographic map with numerous blue dots representing wells. A pop-up window titled "Conventional Oil and Gas Wells" is open, showing details for a specific well. A blue arrow points to the "Well Status" field in the pop-up, which is set to "Abandoned".

Well Selection is Now Displayed on Map

Search for Oil and Gas Wells

Environmental Good Samaritan Projects

Oil and Gas Well Layers

Well Designation

Select at least one well designation from this list.

Unconventional Wells

Conventional Wells

Select Both Clear Both

Well Type

Select at least one type from this list.

Gas Comb. Oil & Gas

Oil Coalbed Methane

Injection Dry Hole

Test Multiple Wellbores

Undetermined Waste Disposal

Observation Storage Well

Select All Types Clear All Types

Well Status

Select at least one status from this list.

Active DEP Orphan

Plugged DEP Plugged

Abandoned DEP Abandoned

Regulatory Inactive

Select All Status Clear All Status

Select All Clear All

ESRI Streets & Imagery Topographic National Geographic PA Map Imagery (2003-2006) & ESRI Imagery

PA Oil and Gas Mapping

Conventional Oil and Gas Wells

Permit Number: 047-22816

Well Name: WARRANT 1778 01

Operator: ARG RESOURCES INC

Operator Number: OGO-61865

Well Type: INJECTION

Storage Field Name:

Well Status: Abandoned

Original Permit Issuance Date: 7/26/1989

Permit Expiration Date: 7/26/1990

SPUD Date: 4/17/1990

Date Plugged:

Conservation Well: N

County: Elk

Municipality: Highland Twp

Latitude DD: 41.536378

Longitude DD: -78.848326

Latitude DMS: 41° 32' 10.9608"

Zoom to

ARG Resources Inc, API 047-22816, Highland Twp, Elk County,
Well Status: ABANDONED, Well Type INJECTION, spud date 4/17/1990

Abandoned well: Well that has not been operated in 12 months (and not granted inactive status).

Orphan well: well that has no identifiable operator.

DEP inspection report photo
abandoned unconventional well



In 1992, the legislature amended the Oil and Gas Act of 1984 allowing oil and gas wells that were abandoned before April 18, 1979 to be classified as **orphan wells**.

This re-classification transferred the responsibility to plug tens of thousands of wells onto Pennsylvania, if landowners, leaseholders and oil and gas operators received no economic benefit from the wells after April 18, 1979.

Reclassifying abandoned wells into orphan wells did not include a sufficient revenue source for plugging these newly classified orphan wells, ensuring that generations of Pennsylvanians going forward would bear the responsibility for their plugging, monitoring and re-plugging.



Photo: by Barbara Laxon
A leaking plugged well in
McKean County
03/21/2024

Unconventional Oil and Gas Wells	
Permit Number:	015-20345
Well Name:	LEE 1H
Operator:	BLACKHILL ENERGY LLC
Operator Number:	OGO-69256
Well Type:	GAS
Storage Field Name:	
Well Status:	Abandoned
Original Permit Issuance Date:	6/19/2009
Permit Expiration Date:	6/19/2011
SPUD Date:	5/20/2010
Date Plugged:	
Conservation Well:	N
County:	Bradford
Municipality:	Springfield Twp
Latitude DD:	41.872537
Longitude DD:	-76.733246
Latitude DMS:	41° 52' 21.1332"
Zoom to	

How many abandoned wells are there?



Photo by Laurie Barr

- Experts estimate there may be 382,000 - 750,000 abandoned oil and gas wells in PA.
(Estimates: Engelder 382K, Kang 750K)
- The vast majority of these were drilled prior to well permitting requirements and remain unaccounted for.
- At the current rate of plugging ~200 wells per year it would take Pennsylvania **1,910 – 3,750 years to initially plug 382K-750K wells.**
- The current cost of plugging well has been ~\$100,000 per well (through IIJA contracts).
- Before the IIJA funding there was limited funding to plug orphan and abandoned wells in Pennsylvania.
- At \$100K per plug it would cost \$38,200,000,000.00 - \$75,000,000,000.00 to plug Pennsylvania's estimated 382K-750K wells.
-

Photo: Natural gas and fluid pouring from an abandoned well into a stream in Potter County, PA



pollution and/or pose public safety risks if not properly plugged.

To date, the Department has documented approximately 27,000 orphan and abandoned wells located on state or private land. The estimated cost to plug these wells is about \$1.8 billion. Before 2022, there has been limited state funding to plug and remediate orphan and abandoned oil and gas wells in Pennsylvania. The Pennsylvania Oil and Gas Act created two special funds called the Abandoned Well Plugging Fund and the Orphan Well Plugging Fund. The Orphan and Abandoned Well Plugging Funds **receive revenue from a nominal permit surcharge** authorized by the 2012 Oil and Gas Act (**\$150 per oil well permit and \$250 per gas well permit**). 58 Pa.C.S. § 3271. These **permit surcharges are grossly insufficient to cover the cost of properly plugging all orphan and abandoned wells** that currently exist in Pennsylvania and they have been used primarily to pay for plugging orphan and abandoned wells in emergency situations where potential human health or environmental contamination is of concern.

- **DEP has documented approx 27,000 orphan and abandoned wells.**
- **Plugging 27,000 wells @ \$100,000 = 2.7 Billion**
- **It would take 135 years for the DEP to plug 27,000 wells at 200 wells per year.**

How long do cement plugs last?

- Oriskany well drilled in 1936
- Initially plugged in 1972
- Re-plugged in 1994
- Re-plugged again in 2012

I asked the operator about the cost of re-plugging. He explained re-plugging cost around “one million”.

The reason for the high cost he explained is because the previous plug had to be drilled out/removed.

*Photo by Laurie Barr
Re-plugging operation within the boundary
of an underground gas storage field,
Sabinsville, PA. 2012*



Less than one year old plug failed.

Initially plugged in 2014, re-plugged (successfully), along with 6 other wells through a DEP plugging contract in 2016. Otto Twp., McKean County, PA.



Video of failed well plug here: <https://www.cardcreek.com/Other/Video-link-to-share/i-rxBgB6L/A>



2010

Unplugged wells may and often do act as pathways for gases or liquids to migrate from deep formations into the aquifer or to the surface. Their wooden, steel & cement casings deteriorate over time creating pathways that allow fluids and gases to migrate.

2009
Department of Environmental Protection report titled Stray gas migration associated with Oil and Gas Wells lists dozens of incidents of stray gas migration, many of these were associated with abandoned oil and gas wells.
https://docs.google.com/document/d/1F111iK5bgws9Wbbe2svvc1bp6WripHzpgXv_pvLCxRI/edit?usp=sharing



2011

2010 & 2011
2 homes exploded in the Historic Bradford Oil Field in (McKean County) in 2010 & 2011 due to methane migration.

After the 2nd home exploded the DEP ordered a nearby operator to plug three nearby abandoned wells that were discovered during the investigation.



After the *two homes exploded in 2010 & 2011*, Senator Bob Casey wrote to the Department of Energy Secretary Steven Chu;

“I am deeply alarmed to learn of yet another gas-migration-related explosion in Pennsylvania,” his letter urged the secretary to “coordinate with local, state, and other federal entities to ensure that appropriate actions to protect public health are implemented.”



2019

Bradford Oil Field, Allegany, NY
A third home in the area exploded.
This was approx 11.3 miles from
where the home that exploded in 2010
was located.
The Bradford Oil Field extends from PA
Into New York State.

This home was located in Allegany, NY in the Bradford Oil Field. The Bradford Oil Field extends over the PA border into New York State.

2 years after home explosion, Allegany couple waits for answers

By RICK MILLER Olean Times Herald Nov 18, 2021



Emergency personnel and investigators are at the site of the Volz home on West Branch Road in Allegany after it was destroyed by an explosion Nov. 18, 2019.

Kate Day Sager/Olean Times Herald



Help Our Community

Please help local businesses by taking an online survey to help us navigate through these unprecedented times. None of the responses will be shared or used for any other purpose except to better serve our community. The survey is at: www.pulsepoll.com \$1,000 is being awarded. Everyone completing the survey will be able to enter a contest to Win as our way of saying, "Thank You" for your time. Thank You!

Take The Survey

Current e-Edition

Not all abandoned wells are shallow wells

HISTORY OF DEEP-SAND EXPLORATION

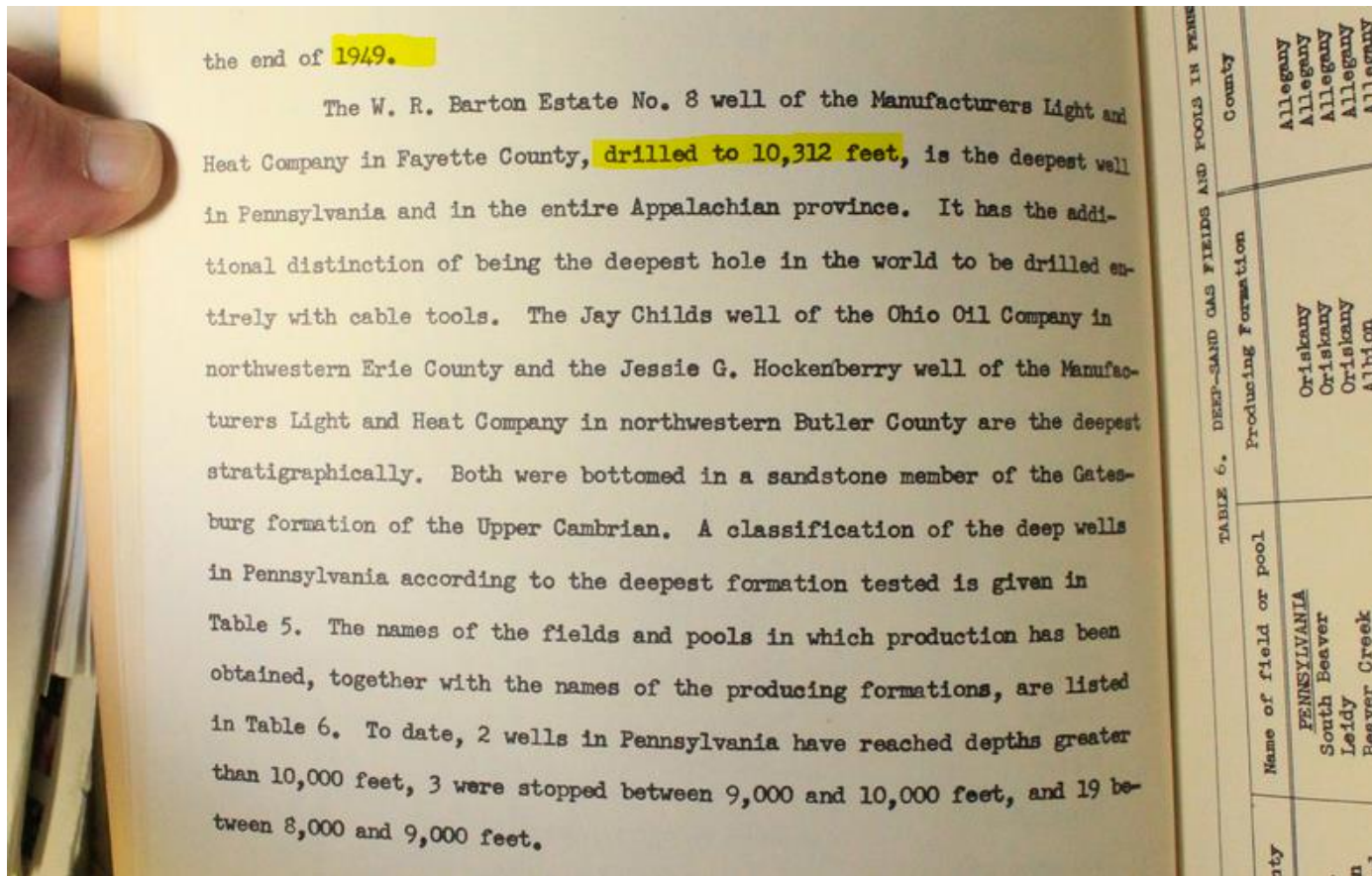
Attempts to discover oil and gas in the more deeply buried formations under western Pennsylvania, that is those below the relatively shallow and extensively drilled Upper Devonian sands, have been made from time to time since the late 80's. The well of the Presque Isle Natural Gas Company, drilled to a depth of 4,460 feet between October 1887 and January 1889 in the City of Erie, was one of the earliest of these. The well penetrated the Trenton limestone to a depth of 210 feet and remained the only well to reach this formation in western Pennsylvania until 1941. The R. A. Geary well of the Peoples Natural Gas Company, 5 miles northwest of McDonald in Washington County, was drilled in 1917 to a depth of 7,248 feet into strata of Salina age. At that time it was the deepest well in the United States and second deepest in the world. In 1925 the same company's Booth and Flinn No. 2 well at McCance, Westmoreland County, also bottomed in the Salina formation at a depth of 7,756 feet, had the distinction of being the deepest well in the world. By 1930 at least 36 wells had been drilled to the Onondaga or deeper.

Year(s) drilled	Depth
1887 - 1889	4,460'
1917	7,248'
1925	7,756'

Summarized record of deep wells in Pennsylvania / by Chas. R. Fettke

by Fettke, Charles R . 1950: <https://archive.org/details/summarizedrecord00fett/page/n19/mode/2up>

Some old abandoned conventional wells are deeper than newer abandoned unconventional wells

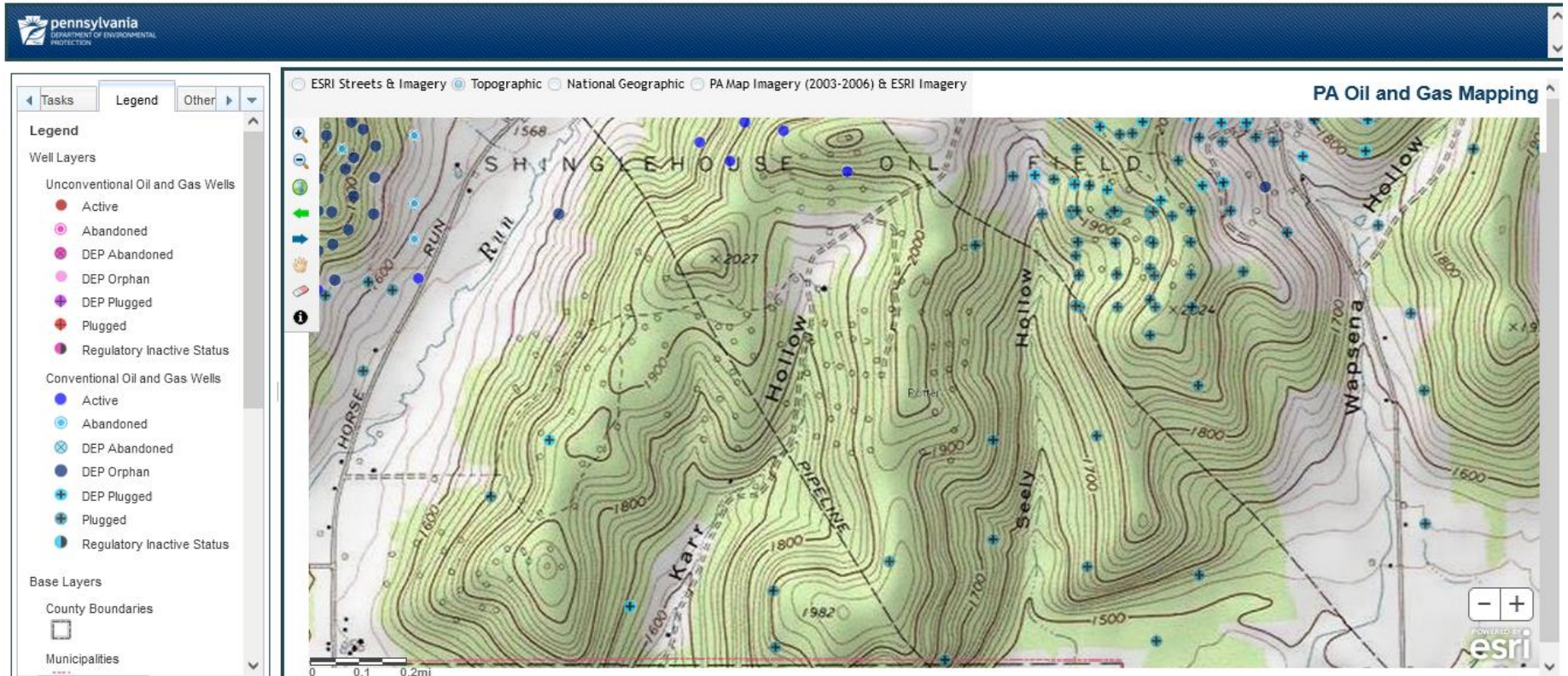


Summarized record of deep wells in Pennsylvania / by Chas. R. Fettke

by Fettke, Charles R . 1950: <https://archive.org/details/summarizedrecord00fett/page/n5/mode/2up>

DEP's Oil and Gas Well Map

Potter County



The grey circles are well locations identified by the topographic (base) map. DEP only has records on the well locations identified by the (colorful) icons listed on the legend on the left of the map.

<https://www.depgis.state.pa.us/PaOilAndGasMapping/OilGasWellsStrayGasMap.html>

Washington County

This is the location of an oil well identified on a topo map. Similar to the previous slide, wells are identified on this map as small circles. Some are also labeled with the words “oil well.”

Location: 40.446647, -80.159913

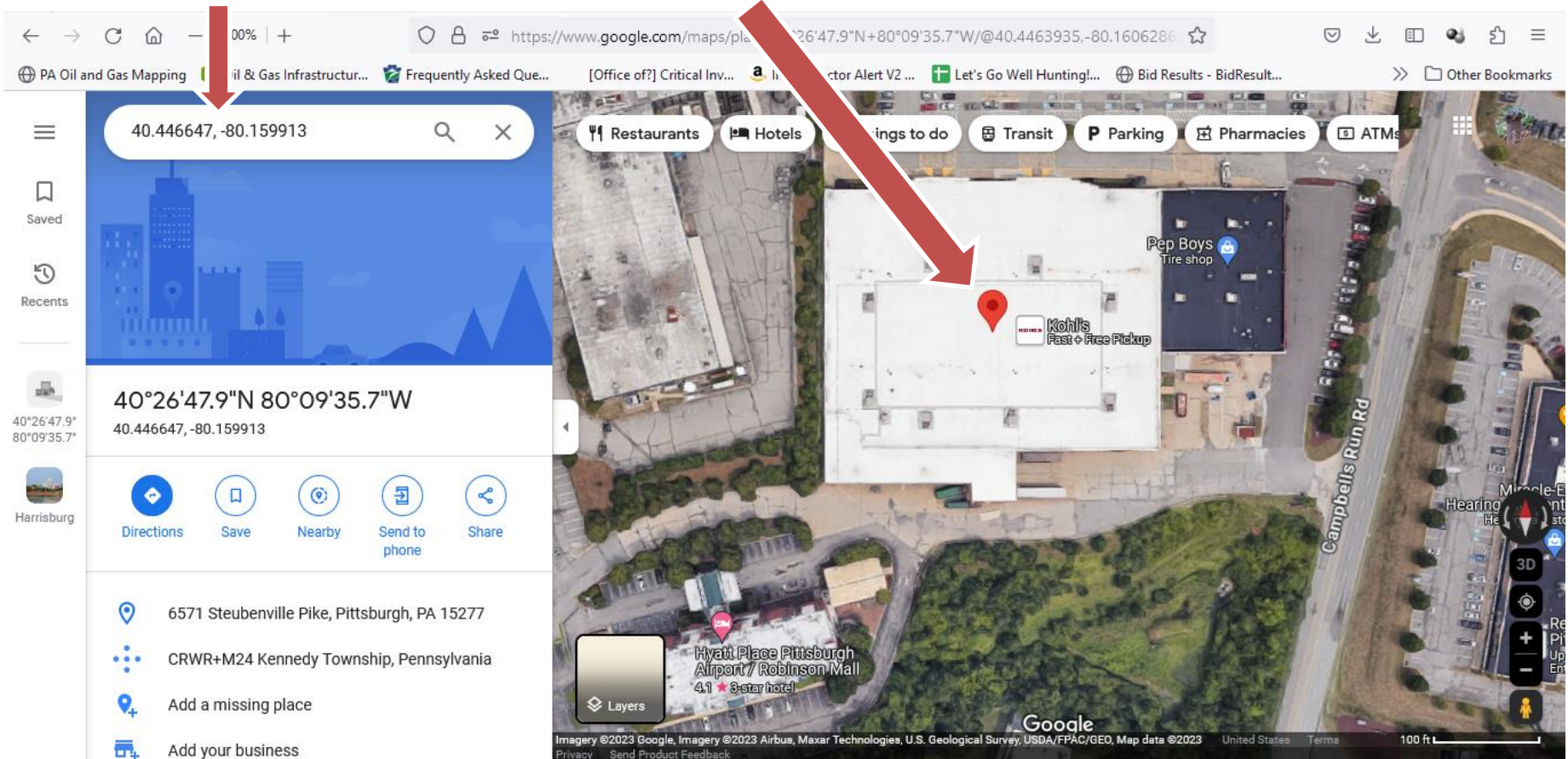


<https://www.arcgis.com/apps/mapviewer/index.html?layers=99cd5fbd98934028802b4f797c4b1732>

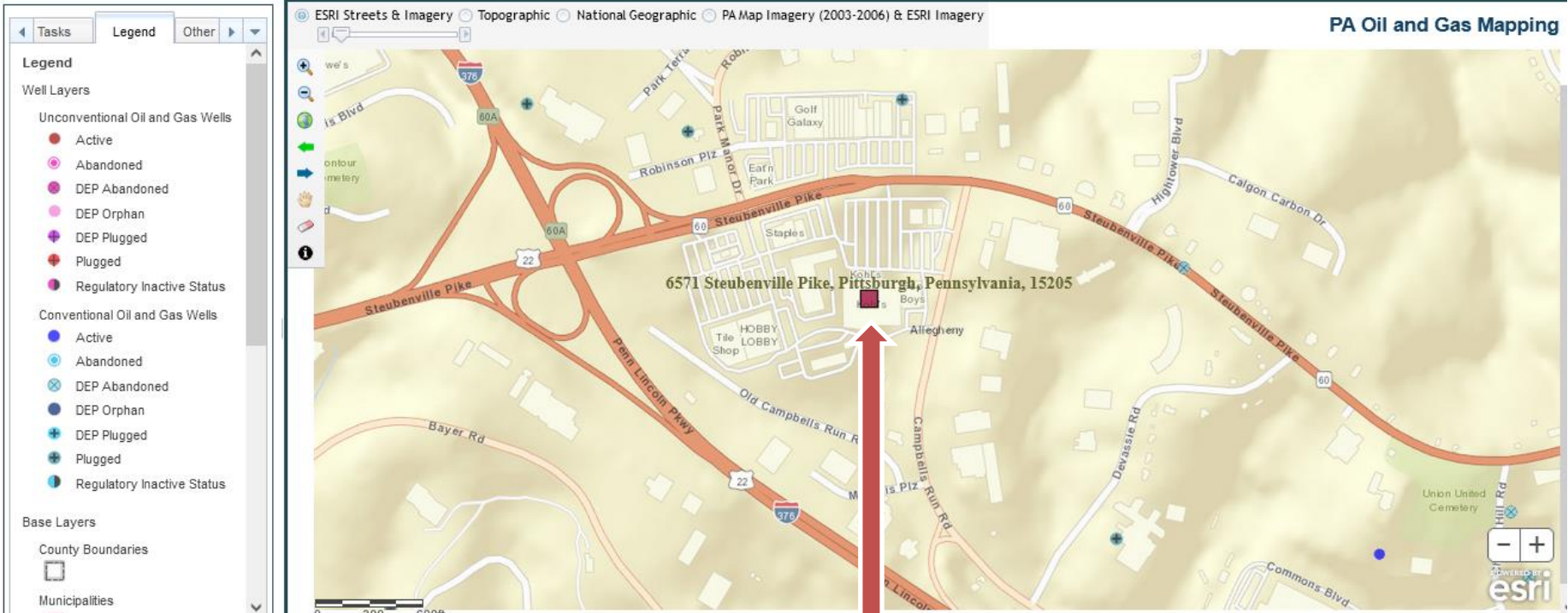
Washington County, Kohl's Department and Clothing Store

This is the location of a well identified on a topo map. The recorded well location (on the TOPO map) is identified by the red icon on the Google map below.

Location on Google Map: 40.446647, -80.159913, Kohl's Department & Clothing Store



<https://www.google.com/maps/>



Kohl's Department and Clothing Store Location: 40.446647, -80.159913

Safety issues arise, especially when unknown abandoned wells are located within close proximity to construction, excavation, drilling and fracking, under or near homes and other structures.

Location: 40.443034, -80.154560

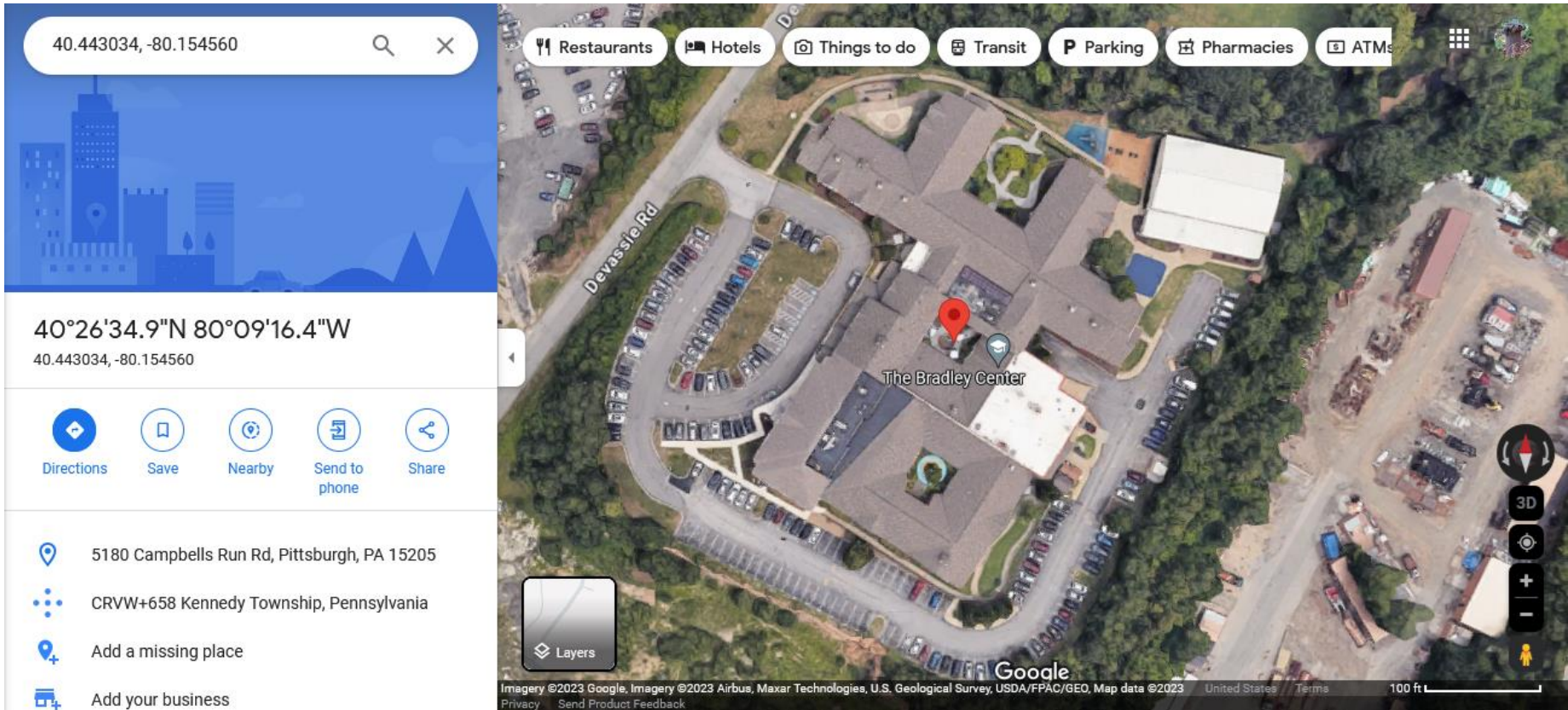


The locations of the O&G wells on the TOPO map may not be accurate.

<https://www.arcgis.com/apps/mapviewer/index.html?layers=99cd5fbd98934028802b4f797c4b1732>

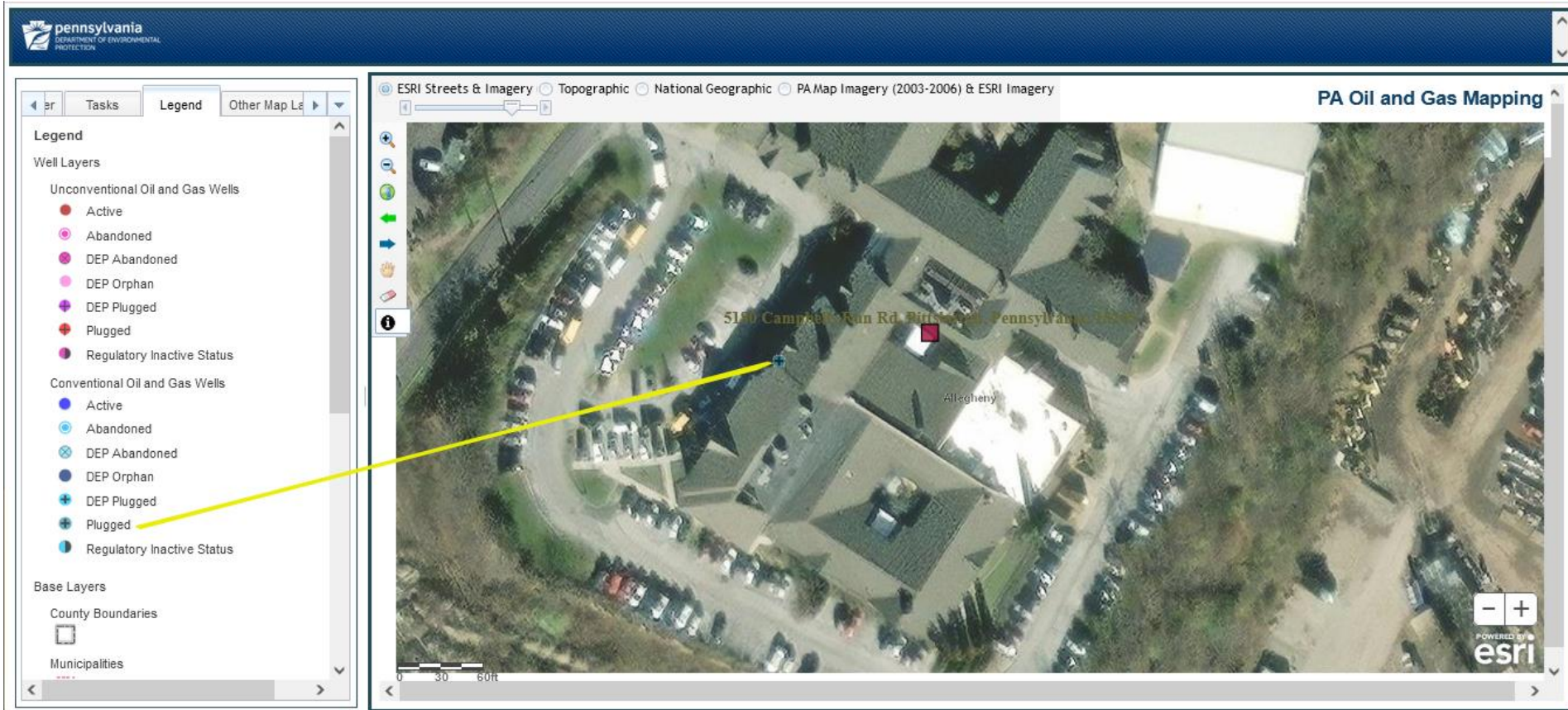
The Bradley Center is located at the well location, identified by the TOPO map from the previous slide.

Location: 40.443034, -80.154560



https://www.google.com/maps/place/5180+Campbells+Run+Rd,+Pittsburgh,+PA+15205/@40.4429184,-80.1570394,17z/data=!3m1!4b1!4m6!3m5!1s0x8834593b51a81c6f:0x59a7c2ebae17a6c2!8m2!3d40.4429184!4d-80.1544591!16s%2Fg%2F11bw4jnsz_?authuser=0&entry=tu

The Bradley Center at the location of a well identified by DEP's oil and gas well map.



Source: <https://gis.dep.pa.gov/PaOilAndGasMapping/OilGasWellsStrayGasMap.html>

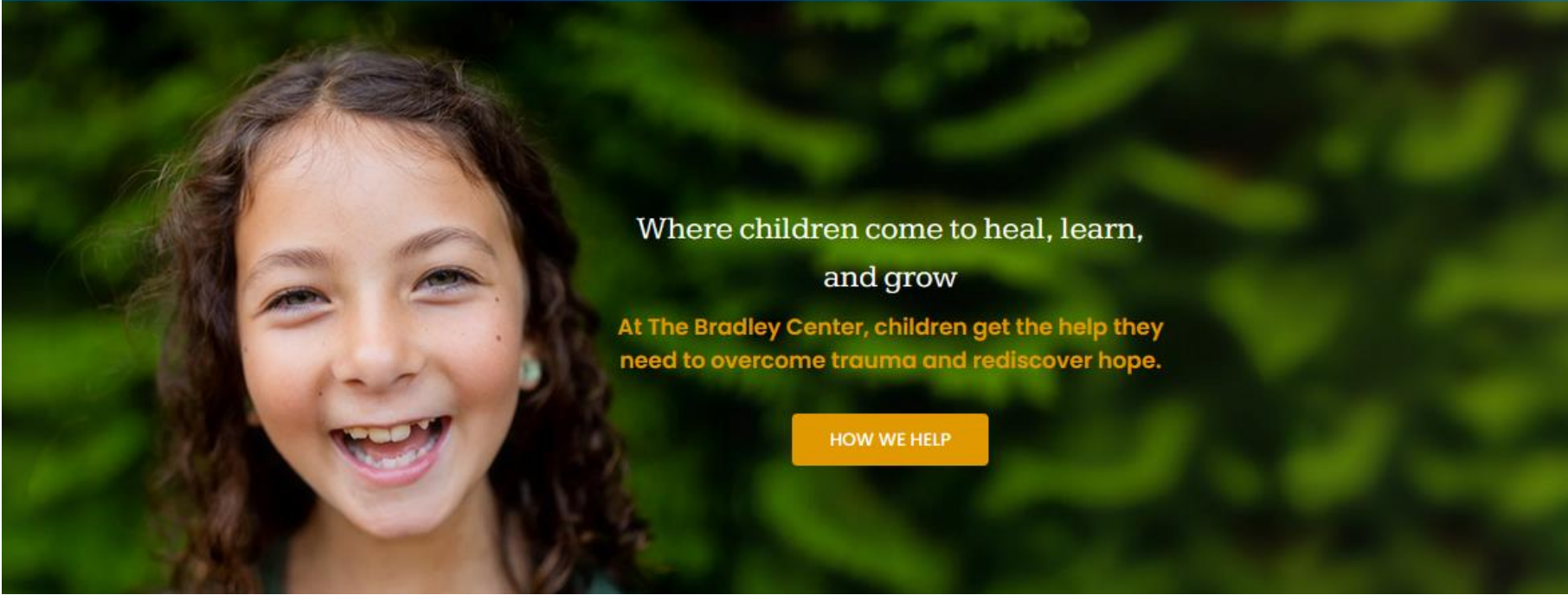
Location: 40.443034, -80.154560



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Where children come to heal, learn,
and grow

**At The Bradley Center, children get the help they
need to overcome trauma and rediscover hope.**

[HOW WE HELP](#)

4000' communication between wells



1990's in McKean County : The PADEP responded to a complaint of gas escaping from an abandoned gas well located in a wooded area near the Foote Rest CampGround.

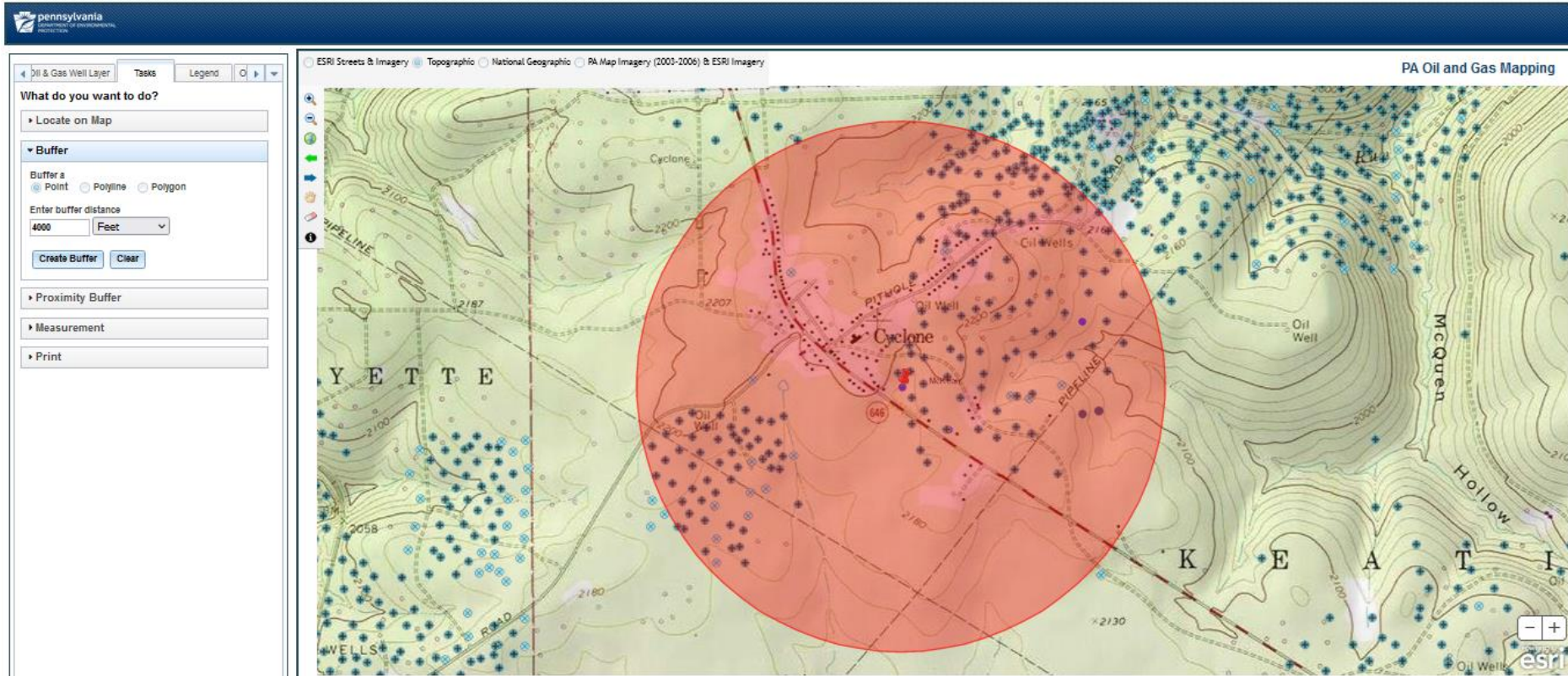
During the investigation, it was discovered that an extremely large amount of (estimated at more than 100 Mcf/day) was venting from the abandoned gas well.

The old well became activated when fracking was completed on a new gas well approximately 4000' away.

Source Stray Natural Gas Migration Associated with Oil and Gas Wells:

https://docs.google.com/document/d/1F111iK5bgws9Wbbe2svvc1bp6WripHzpgXv_pvLCxRI/edit?usp=sharing

DEP Oil and Gas Map showing a 4000' buffer around the newly permitted Cyclone injection well



The icons identify the locations of wells DEP has records on.

The Department of Conservation and Natural Resources (DCNR), Geological Survey manages the **Exploration and Development Well Information Network (EDWIN)** an oil and gas well database. EDWIN provides oil and gas well operators, landowners or those planning, coordination and control of a construction projects with valuable information on the locations of abandoned wells.

EDWIN subscribers may access the data for a **\$5,500.00 fee** or by visiting the DCNR office in Pittsburgh. However the DCNR work stations desperately need upgrade.

EDWIN records completion reports, depth of wells and also location information on some wells that are not available through any other database.

EDWIN Subscriptions

[Home](#) [Subscribe](#) [FAQ](#) [Contact](#)

[Log in](#)



EDWIN Subscriptions

Those desiring the convenience of 24/7 remote access to Pennsylvania's oil and gas well information may subscribe to EDWIN. The subscription includes the software license for accessing the system, technical training and support on the use of the system, and as-needed software upgrades and maintenance. The initial subscription fee is \$5,000, which covers the software license and initial training on use of the system. An annual maintenance fee of \$500 covers technical support and troubleshooting, geologic consultations, and software upgrades and maintenance during the subscription year.

Subscribe

Ready to subscribe to EDWIN? Click below to create your account and establish your subscription!

[Subscribe](#)

Contact Us

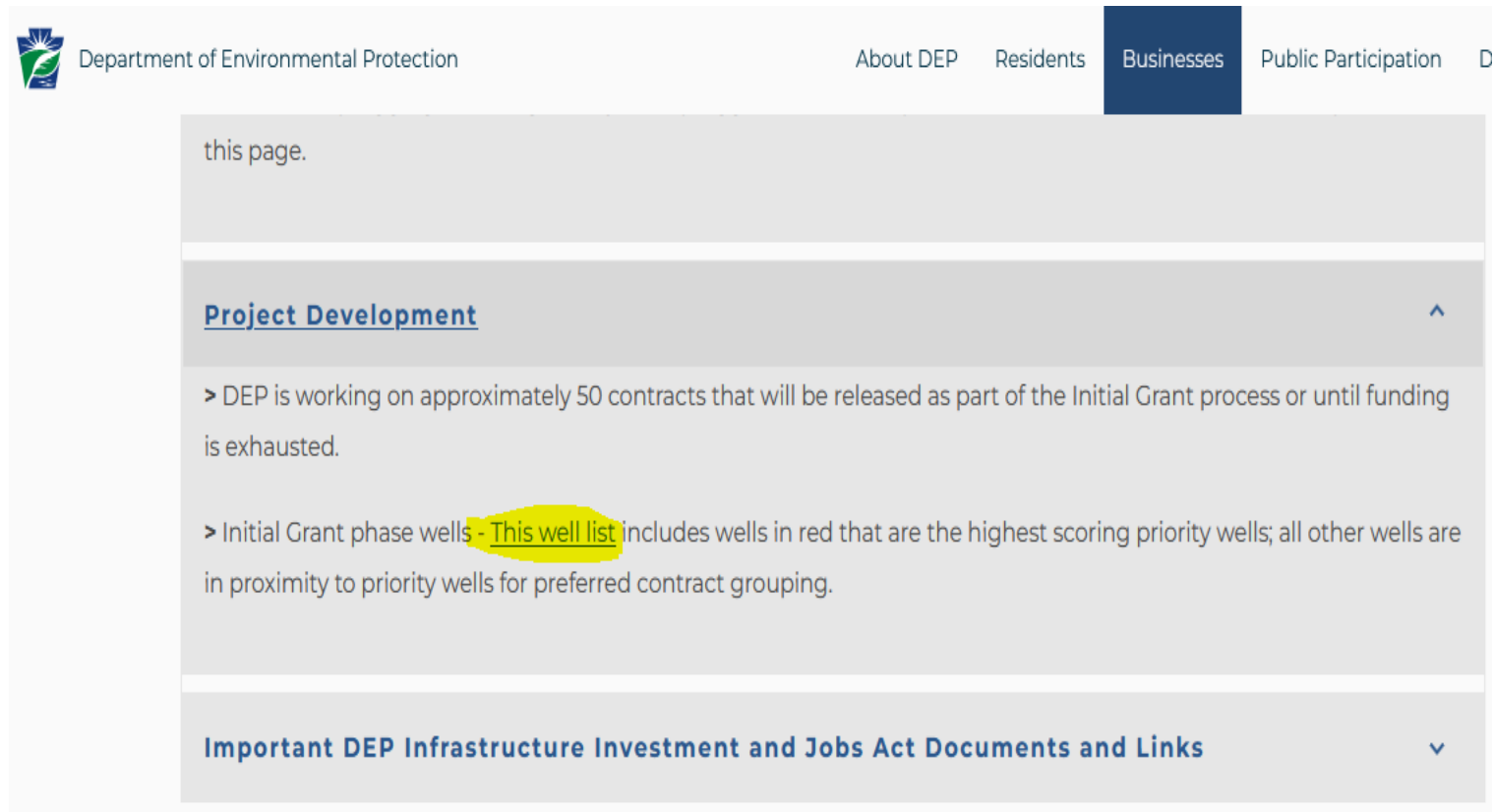
Have questions about EDWIN? Need help with your existing account? Click below to get in touch with us!

[Contact Us](#)

Pennsylvania has the potential to receive over 300 million to plug abandoned oil and gas wells over the next 10 years through the Infrastructure Investment and Jobs Act (IIJA).



DEP created a list of wells to be plugged with IIJA funding and that list is available on the DEP's Infrastructure Investment and Jobs Act (IIJA) page.



Department of Environmental Protection

About DEP Residents **Businesses** Public Participation D

this page.

Project Development ^

- > DEP is working on approximately 50 contracts that will be released as part of the Initial Grant process or until funding is exhausted.
- > Initial Grant phase wells - **This well list** includes wells in red that are the highest scoring priority wells; all other wells are in proximity to priority wells for preferred contract grouping.

Important DEP Infrastructure Investment and Jobs Act Documents and Links v

Link: [https://www.dep.pa.gov/Business/Energy/OilandGasPrograms/OilandGasMgmt/LegacyWells/Pages/Infrastructure-Investment-and-Jobs-Act-\(IIJA\).aspx](https://www.dep.pa.gov/Business/Energy/OilandGasPrograms/OilandGasMgmt/LegacyWells/Pages/Infrastructure-Investment-and-Jobs-Act-(IIJA).aspx)

Human Receptors	Choose Up To 5	
Gas in occupied structure with similar isotopic signature or believed to be associated with well*	50	
Oil/brine in occupied structure believed to be associated with well*	50	
Soil gas within 200 feet of structure believed to be associated with well	25	
Gas in water supply	25	
Oil/brine in water supply	15	
		0
Ecological Receptors	Choose Up to 2	
Liquids (oil/brine) to stream or wetland from well	25	
Oil/brine seep (discharge not from wellbore)	10	
		0
Well Site Hazards	Choose Up to 4	
Any ambient H ₂ S detection	25	
Any ambient LEL readings ≥ 10%	25	
Sustained ambient LEL <10%	10	
Unstable equipment, open pits, E&S issues/washouts	10	
Evidence of historical liquid spills not associated with well integrity breach	5	
		0
Well Integrity	Choose Up to 4	
Gas present outside surface casing/present in stream or liquid flow to surface	25	
Measurable annular flow of gas	15	
Wellhead pressure observed	10	
Severe corrosion (pitting) on well component that possibly contains pressure or fluids	10	
		0
Coal/Mining Status	Choose Up To 1	
Well within active underground mine (sealed or undergoing mining, i.e., longwall district) ¹	25	
Within abandoned mined area	25	
Permitted but not yet mined (intact coal/rock) ¹	10	
Workable coal present but not permitted	5	
		0
Setback/ Surrounding Area	Choose Up to 4	
Well within 200 feet of occupied building or water supply well	10	
Well located in known gas migration area but not believed to be source	5	
Well within 100 feet of stream	5	
Well within 300 feet of any wetland >1 acre in size	5	
		0
Final Score		0

- Abandoned and Orphan wells are prioritized for plugging based on the DEP's [internal scoring system](#).
- DEP considers a well that scores greater than 75 to be a priority for plugging due to their elevated threats to human health, wildlife, and the environment.

[https://files.dep.state.pa.us/OilGas/BOGM/BOGMPortalFiles/AbandonedOrphanWells/IJA/Internal%20Sheet Scoring%20System.xlsx](https://files.dep.state.pa.us/OilGas/BOGM/BOGMPortalFiles/AbandonedOrphanWells/IJA/Internal%20Sheet%20Scoring%20System.xlsx)

A1 fx Wells in RED are highest scoring priority wells; all other wells are in proximity to priority wells for preferred contract grouping.

	A	B	C	D	E	F	G	H	I
1	Wells in RED are highest scoring priority wells; all other wells are in proximity to priority wells for preferred contract grouping.								
2	API	FARM NAME	WELL I	COUNTY	MUNICIPALITY	LAT DECIM	LON DECIM	WELL STATUS	TOTAL POI
3	003-22594	Camp Horne Road	1	Allegheny	Emsworth Borough	40.51396	-80.09166	DEP Abandoned	115
4	003-01113	Liggett	2	Allegheny	Forward Twp.	40.20064	-79.916346	DEP Abandoned	83
5	003-01105	Forgie	1	Allegheny	White Oak Borough	40.342433	-79.814121	DEP Abandoned	78
6	003-22244	Hartman	1	Allegheny	White Oak Borough	40.349344	-79.813245	DEP Abandoned	77
7	003-22595	Roosevelt Road	1	Allegheny	Ohio Township	40.54823	-80.10204	DEP Abandoned	55
8	003-01098	Graham	1	Allegheny	Sewickley Heights Borough	40.518472	-80.194008	DEP Orphan	25
9	003-01259	Brightwood	1	Allegheny	Kennedy Twp.	40.494139	-80.108139	DEP Abandoned	58
10	003-22596	Barensfeld	1	Allegheny	Sewickley Heights Boro	40.58155	-80.14774	DEP Abandoned	30
11	003-01196	Jacks Run	1	Allegheny	Ross Twp.	40.49975	-80.04555	DEP Abandoned	34
12	003-01197	Jacks Run	2	Allegheny	Ross Twp.	40.499133	-80.047983	DEP Abandoned	29
13	003-01198	Jacks Run	3	Allegheny	Ross Twp.	40.500083	-80.047067	DEP Abandoned	15
14	003-01260	Richard Street	1	Allegheny	Kennedy Twp.	40.494222	-80.106028	DEP Abandoned	59
15	003-01267	Shannopin Country Club	1	Allegheny	Kilbuck Twp.	40.514	-80.066389	DEP Abandoned	39
16	003-01106	Liggett	1	Allegheny	Forward Twp.	40.200097	-79.914928	DEP Orphan	25
17	003-01208	Evans	1	Allegheny	Forward Twp.	40.230219	-79.87695	DEP Abandoned	39
18	003-01216	4307 3rd St.	1	Allegheny	Versailles Borough	40.321256	-79.837281	DEP Abandoned	69
19	003-01240	Saraka	1	Allegheny	Versailles Borough	40.315972	-79.8345	DEP Abandoned	25
20	003-01245	OH Well	1	Allegheny	Versailles Borough	40.315825	-79.834897	DEP Abandoned	64
21	003-01086	Nock	1	Allegheny	Ohio Twp.	40.534392	-80.210853	DEP Orphan	31
22	003-01217	Developer Diversified	1	Allegheny	Ohio Twp.	40.532158	-80.069204	DEP Abandoned	15

DEP's priority well list includes :

- Many wells DEP could not locate (and scored anyway).
- Wells EPA plugged in 2016 through a contract with Cline Oil.
- Wells that are in use.

Program	Inspection ID	Date Inspected	Inspection Type	Inspection Results	Violations	Operator Response
OG	2460797	09/23/2015	Administrative/File Review	Violation(s) Noted	1	No
OG	2389488	05/12/2015	Administrative/File Review	Violation(s) Noted	1	No
OG	1037312	06/04/2001	Administrative/File Review	Violation(s) Noted	1	No
OG	783999	03/11/1999	Unspecified Inspection	Violation(s) Noted	1	No

No Site Inspections for Site ID: 5342 - IJA PLUG CONTRACT ALLEGHENY AB (OOGM-FS22-1)

No Primary Facility Inspections for Primary Facility ID: 7287 - GRAHAM 1(003-01098)

Well Operator History

Client Name	Client ID	Client OGO	Start Date	End Date
CC WHARTON ESTATE	95039	OGO-36118		01/26/2023
PA DEP OFC OIL & GAS MGMT	62492	OGO-13321	01/26/2023	
UNKNOWN OPR	40263	OGO-99999	08/28/2001	01/26/2023
GRAHAM PATRICIA P	49374	OGO-34818	05/21/1971	01/26/2023
WHARTON C C JR	35533	OGO-31904	05/21/1971	01/26/2023

The 8th well on the IJA list was *never inspected* according to the DEP records.

The well was given a score of 25

7	003-22595	Roosevelt Road	1	Allegheny	Ohio Township	40.54823	-80.10204	DEP Abandoned	55
8	003-01098	Graham	1	Allegheny	Sewickley Heights Borough	40.518472	-80.194008	DEP Orphan	25
9	003-01259	Brightwood	1	Allegheny	Kennedy Twp.	40.494139	-80.108139	DEP Abandoned	58
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11	003-01196	Jacks Run	1	Allegheny	Ross Twp.	40.49975	-80.04555	DEP Abandoned	34

Well Info	Conventional	Well Kind & Description	Vertical Well
-----------	--------------	-------------------------	---------------

GENERAL COMMENTS

On Thursday, 1/6/2022, I conducted an inspection of the Polish Falcons of America Nest 159 Polish Falcon 1 well, permit number 005-02359, as part of the Federal Stimulus Well Plugging project. The well is located in a residential yard off of State Route 66 in Manor township, Armstrong county. There are **no issues** with stream crossings or wetlands, however, the **landowner is producing the well for house gas use, as per inspection id #3211712, and the department has received Adopt a Well request**, as per inspection #3243075. There are no violations being cited for this inspection

Inspection Results	Files Attached	Photos Attached	Date Inspected
NOVIO - No Violations Noted			01/06/2022

41	005-02262	Floy L. Campbell	1	Armstrong	Manor Twp.	40.736275	-79.505414	DEP Orphan	15
42	005-02308	Levi Shott	1	Armstrong	Manor Twp.	40.729825	-79.500361	DEP Abandoned	56
43	005-02359	Polish Falcon	1	Armstrong	Manor Twp.	40.729271	-79.536169	DEP Abandoned	28
44	005-02415	Hansotte Plan	3066	Armstrong	Manor Twp.	40.759139	-79.519083	DEP Abandoned	54
45	005-02458	Dupstadt	1	Armstrong	Bethel Twp.	40.697972	-79.549194	DEP Abandoned	32



v1.1.0

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL
PROTECTION OFFICE OF OIL AND GAS
**INSPECTION REPORT ROUTINE
INSPECTION**

DEP USE
ONLYInspection Record
No.
3256087Complaint Record
No.Enforcement Record
No.**Remarks:**


Several attempts have been made to locate this well. The area is heavily overgrown and no indication of a well. Old inspection report states that well was never physically found. The area is used as hunting grounds for Rosebud Mining. I spoke to some individuals who use the land and none of them have ever seen a well. They went so far as to take a metal detector out to find any indication of a well site, but have not been able to.

On Site Representative

DEP Representative

46	005-02460	Brad Smail	1	Armstrong	Kittanning Twp.	40.727139	-79.493278	DEP Abandoned	22
47	005-02136	J. Seybert	5	Armstrong	Perry Twp.	41.036453	-79.642764	DEP Orphan	13
48	005-02317	Joseph B. John Farm	1	Armstrong	Perry Twp.	41.022131	-79.613533	DEP Abandoned	5
49	005-02360	Jack L. Jones	CW-5	Armstrong	Perry Twp.	41.022932	-79.649643	DEP Abandoned	15
50	005-02150	McCord	2	Armstrong	Hovey Twp.	41.151514	-79.686039	DEP Orphan	13
51	005-02151	McCord	3	Armstrong	Hovey Twp.	41.150747	-79.685983	DEP Orphan	13
52	005-02152	McCord	4	Armstrong	Hovey Twp.	41.150336	-79.686819	DEP Orphan	13
53	005-02229	Mike C. Zitterberg	1	Armstrong	Kiskiminetas Twp.	40.582097	-79.542206	DEP Orphan	15

“Went so far as to take a metal detector...” scored 15 points for the well DEP never located.

H2S Detected <input type="checkbox"/> Yes <input type="checkbox"/> No		ppm		Corrosion:	Leaking:
Photos Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Additional Documents <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	WQS follow up <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Inspection Results	NOVIO - No Violations Noted	
Remarks: This inspection was conducted as part of the stimulus planning project. All observations and further observations are included in the survey 123 inspection and will be attached to this inspection.					
The home owner reports the well was plugged by the EPA and Cline oil company in he estimates 2016.					
On Site Representative			DEP Representative		
(signature)					
(print name)			SCOTT MOTTER - OIL AND GAS INSPECTOR (print name)		
Date: 06-17-2021		Time Arrived: 10:07 AM		Time Departed: 10:38 AM	

173	073-00006	John & Barbara Reed	3	Lawrence	Wilmington Twp.	41.10359	-80.272133	DEP Orphan	15
174	073-20424	944 Indian Run Rd.	1	Lawrence	Wilmington Twp.	41.120528	-80.259306	DEP Abandoned	21
175	083-56907	Irons	1	McKean	Otto Twp.	41.93725	-78.512806	DEP Abandoned	76
176	083-13647	Hostetter or Foster Farm	1	McKean	Bradford Twp.	41.905928	-78.651817	DEP Abandoned	77
177	083-13651	Chide	1	McKean	Foster Twp.	41.922542	-78.567019	DEP Abandoned	76

Well was plugged 8 years ago

in SUBSECTION 6.7, EXTRA WORK, page 96, of the 2016 General Conditions, as herein defined and except as in the contract otherwise specifically provided, the following unit or lump sum prices, to wit:

SCHEDULE OF UNIT PRICES

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1.	Cleaning Out and Plugging Fifteen (15) Abandoned Wells	15	L.S.	\$87,998.00	\$1,319,970.00
2.	Well Head Excavation (as needed)	15	L.S.	100.00	1,500.00
3.	Equipment Removal (as needed)	15	L.S.	100.00	1,500.00

Total Contract Amount: **\$1,322,970.00**

\$1,322,970.00 to plug 15 wells in Otto Twp.

<https://drive.google.com/file/d/1F8MjSefDxCfjd7eSKpdqjiDinyU7U0a7/view?usp=sharing>

Oil & Gas Infrastructure Investment and Jobs Act (IIJA) Project Tracker map identifies 15 wells (13 on Mr. Schimp's land + 2 other wells) in Otto Twp., McKean County.

Wells Plugged

0

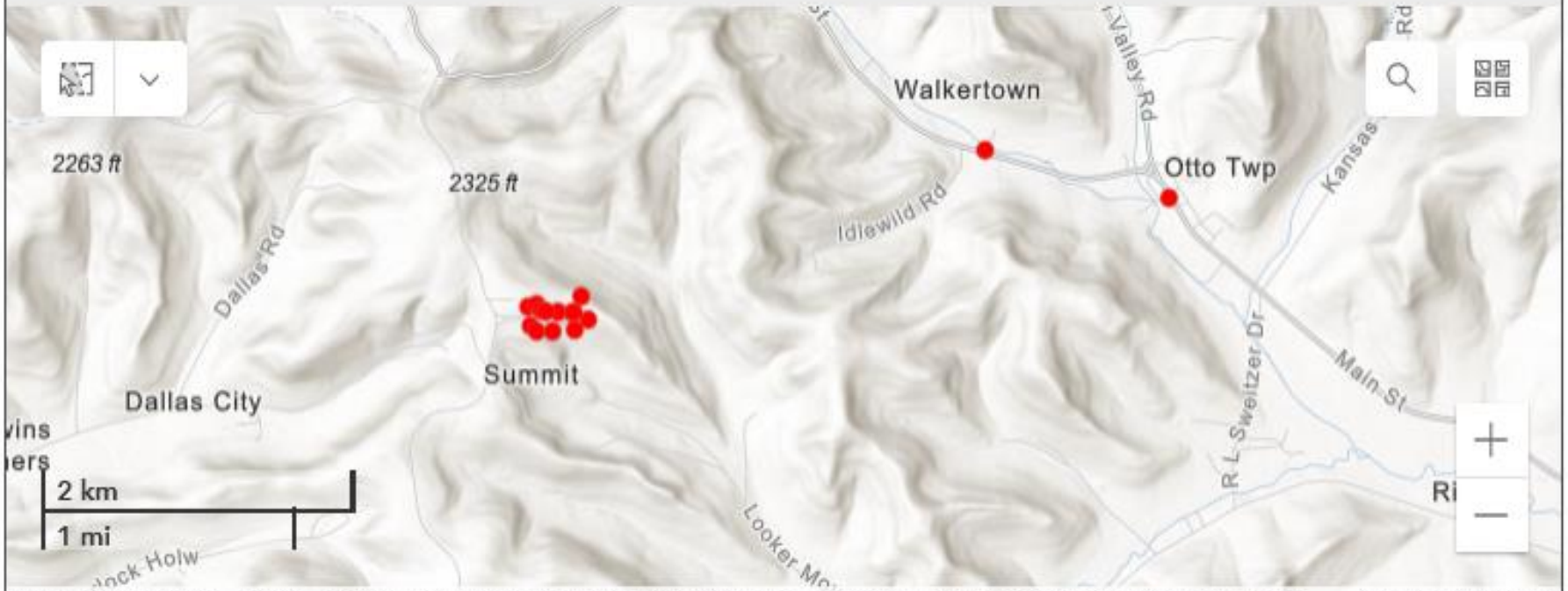
Wells In Progress

15

Wells in Environmental Justice Areas

15

IIJA Plugging Wells



16591 Summit Oil & Gas
 OGO# OPERATOR

CO
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WELL IDENTIFICATION

PERMIT OR REGISTRATION #	FARM NAME	WELL #	SERIAL #	STOCK TANK OR METER NUMBER
083-39926	Tracy Farm Summit	22	506-2	432445
40388		23		
40389		24		
35761		52		
36097		53		
083-33467	DALLAS	51	1930	432447
083-33485		55		
083-21123		126		
083-41866		53		
083-07765		516		

Bureau of Oil and Gas
 Planning and Program Management

SEP 25 2015

Received

A production report was filed in 2015 by Summit Oil and Gas for 5 wells that were plugged under the Otto Twp. contract.

Summit Oil & Gas Production Report online here:
<https://drive.google.com/file/d/1RGyQfpupYja5h3PTWA/DAFQuRgL9c830d/view?usp=sharing>



Dashboard Overview of IIJA-Funded Well Plugging PA DEP Contracts

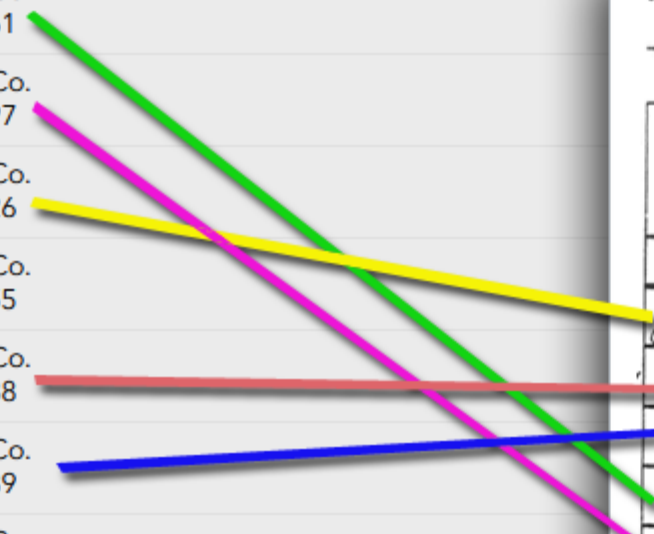
- 083-23479
- McKean Co. 083-35761
- McKean Co. 083-36097
- McKean Co. 083-39926
- McKean Co. 083-40255
- McKean Co. 083-40388
- McKean Co. 083-40389
- McKean Co. 083-40409
- McKean Co. 083-40413
- McKean Co.

5500-FM-OG0049 12/94

16591 *Summit Oil & Gas* CO
OGO# OPERATOR DEPART
ANNUA

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PERMIT OR REGISTRATION #	FARM NAME	WELL #	SERIAL #	STOCK TANK OR METER NUMBER
083-39926	Tracy Farm Summit	52	506-2	432445
40388		23		
40389		24		
35761		52		
36097		53		
083-33463	DALLAS	51	1930	432447
083-33485		5	115	
083-21123		12	2	
083-41866		5	3	
083-07765		8	116	





Workers hired by the DEP spent about two months plugging 13 wells on the land, but Schimp said about half of the work they did was replugging already capped wellbores — the drilled holes used to extract oil or gas.

“They’ve done a good job, but they’ve plugged wells that didn’t need plugging,” said Schimp, a retiree who previously worked in the oil and gas industry.

Schimp’s wells were plugged as a result of a huge influx of federal funding from the 2021 Infrastructure Investment and Jobs Act.

The IJA grants are intended to reduce the methane leakage generated by unplugged abandoned wells. These wells can also be hazardous to nearby residents, who can fall into open holes or be harmed by toxic fluids that seep into groundwater.

The program is slated to dole out more than \$4 billion to well plugging efforts across the country, and Pennsylvania could receive as much as \$400 million over the next decade. The money is supposed to target wells that are unproductive and have owners who either can’t be located or can’t afford to plug the holes themselves.

The commonwealth got its initial \$25 million IJA grant in August 2022

Contact Information



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[www.http://saveourstreamspa.org](http://saveourstreamspa.org)