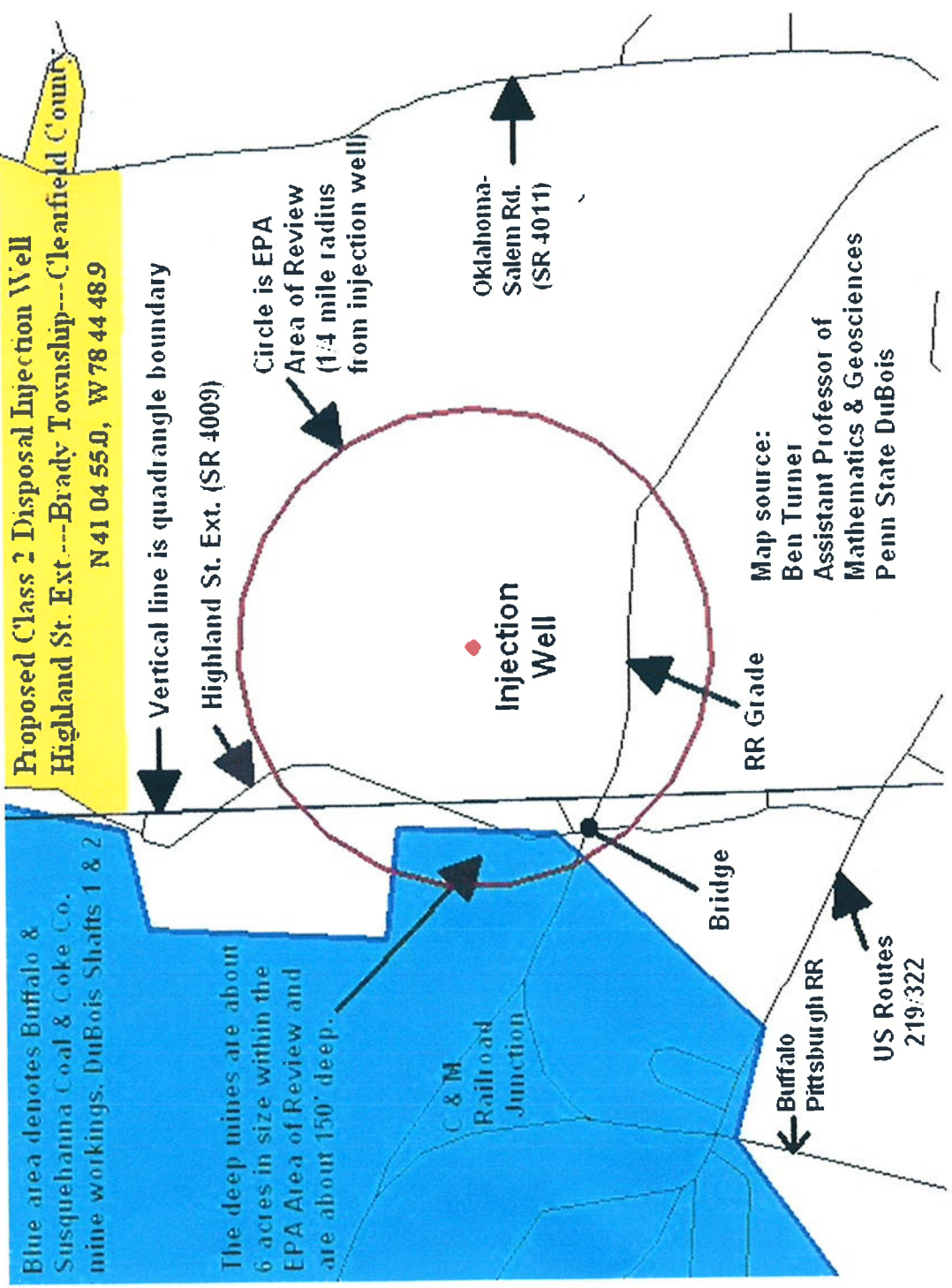


Coal Mines



Proposed Class 2 Disposal Injection Well
 Highland St. Ext ---Brady Township---Clearfield Count.
 N 41 04 55.0, W 78 44 48.9

Vertical line is quadrangle boundary
 Highland St. Ext. (SR 4009)

Circle is EPA
 Area of Review
 (1/4 mile radius
 from injection well)

Oklahoma-
 Salem Rd.
 (SR 4011)

Injection
 Well

Map source:
 Ben Turner
 Assistant Professor of
 Mathematics & Geosciences
 Penn State DuBois

RR Grade

Bridge

Buffalo
 Pittsburgh RR
 US Routes
 219/322

Blue area denotes Buffalo &
 Susquehanna Coal & Coke Co.
 mine workings, DuBois Shafts 1 & 2

The deep mines are about
 6 acres in size within the
 EPA Area of Review and
 are about 150' deep.

C & M
 Railroad
 Junction

DuBois Mall, Sandy Lick Creek and Coal Mines

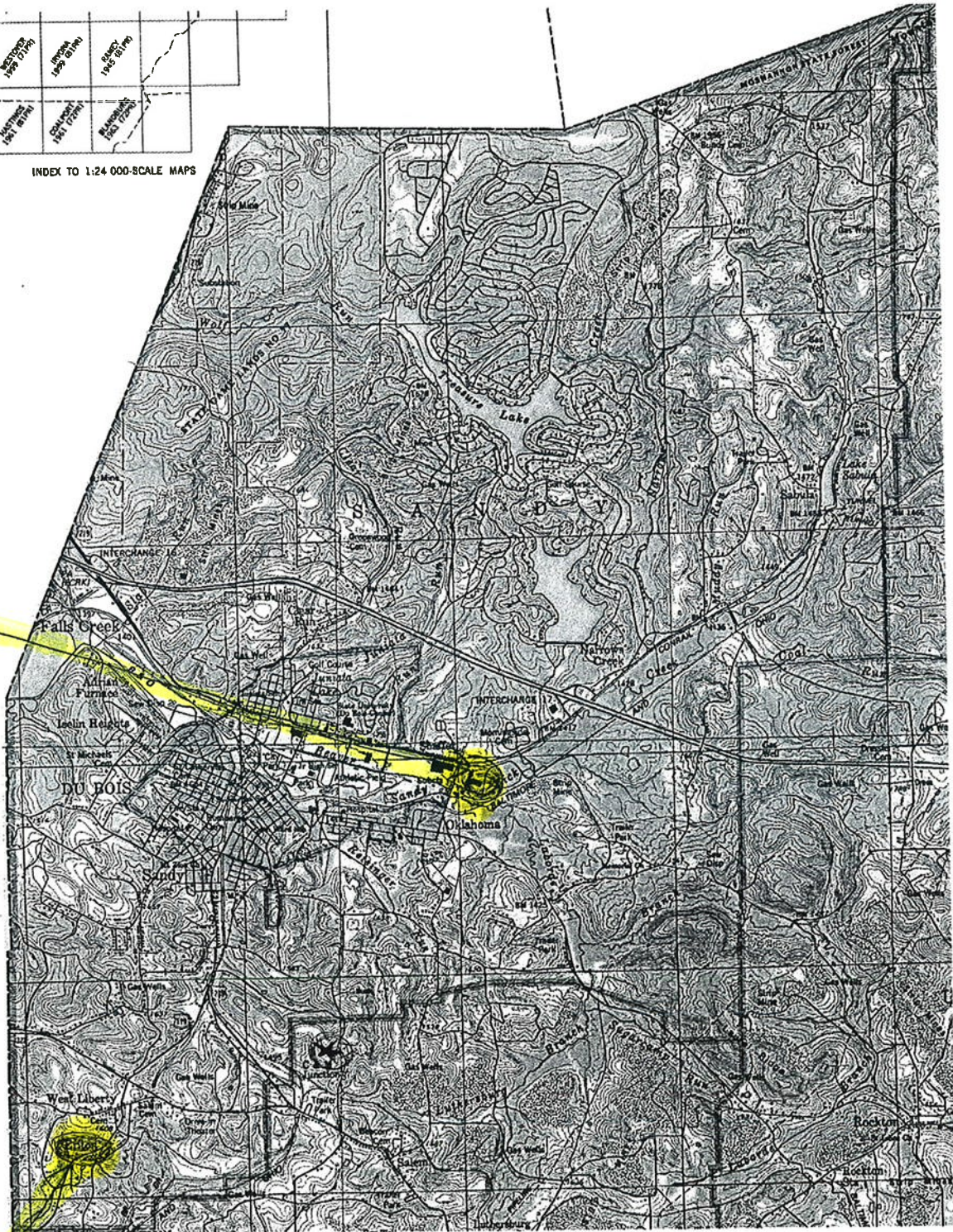


DuBois Mall, Sandy Lick Creek and Coal Mines



SECTION 1951 (71/2)	1954 1955 (31/2)	1957 1958 (31/2)	1961 1962 (31/2)
1965 1966 (31/2)	1969 1970 (31/2)	1973 1974 (31/2)	1977 1978 (31/2)

INDEX TO 1:24 000-SCALE MAPS



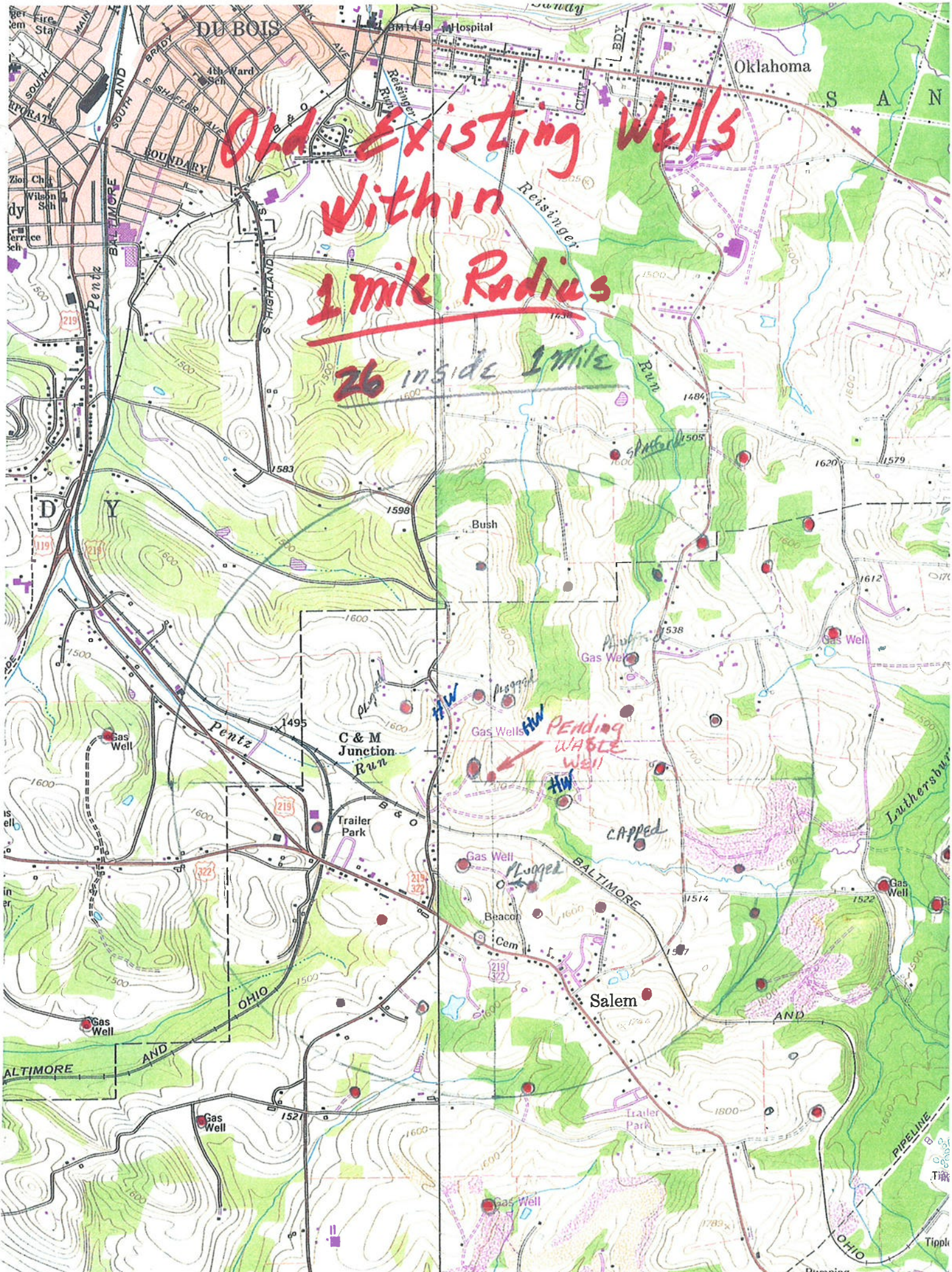
Du Bois Mall

Sykesville Area

Gas Wells

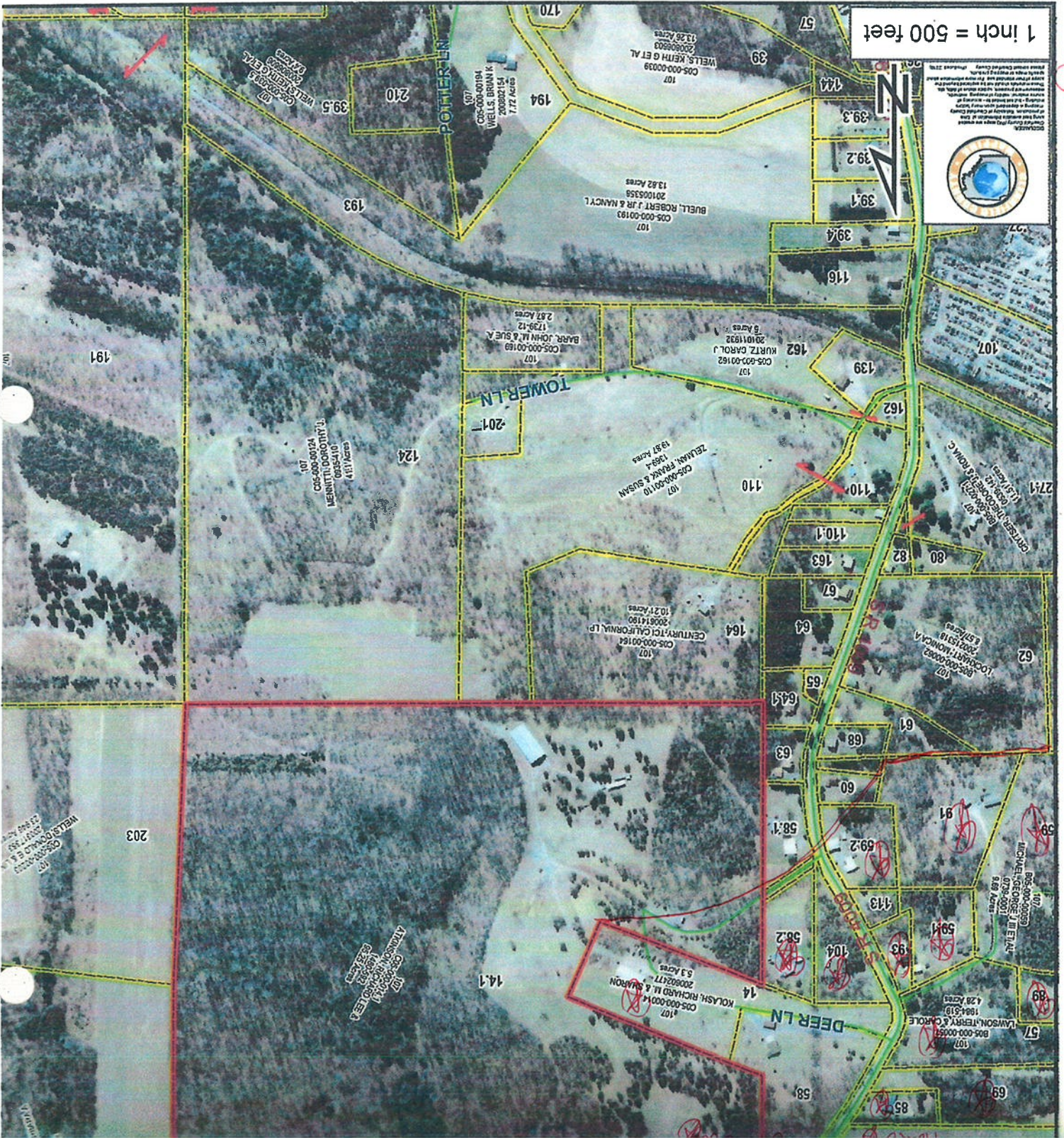
**Old Existing Wells
Within
1 mile Radius**

26 inside 1 Mile



Well#/Permit	Surface Owner	Well Name	Coordinates	Producing/ Plugged	Casing Sz./ Depth
20003	Valagorsky	Smolukas	N41*04.507 W78*44.094	Producing	8.5"Shallow
23636	Hoffer	Burgharts#3	N41*04.522 W78*43.853	Producing	8.5"Shallow
	Hoffer#2				
23635	Tagala	Nelson#5	N41*04.699 W78*43.980	Producing	8.5"Shallow
20535	Tagala	Nelson	N41*04.847 W78*44.079	Producing	8.5"Shallow
23648	Kerfoot	King#2	N41*05.080 W78*44.049	Producing	8.5"Shallow
20579	Wells	H.Delp	N41*05.118 W78*44.267	Producing	8.5"Shallow
?Not labeled	Wells	H.Delp	N41*05.253 W78*44.285	Plugged	?Buried Casing
23675	Williams	Williams#1	N41*05.616 W78*44.122	Producing	8.5"Shallow
21846	Vida	Nelson#673	N41*04.773 W78*44.305	Capped	12 1/4"Deep
	Vida				
20647	Garman	Reig	N41*05.40 W78*44.52	Producing	8.5"Shallow
23650	Baker	Salem Unit#6	N41*04.589 W78*44.383	Producing	8.5"Shallow
20542	Bush	Bush	N41*05.520 W78*44.850	Producing	8.5"Shallow
20496	Rowles	Lindel	N41*04.350 W78*45.120	Producing	8.5"Shallow
20319	Ayle	Rishel	N41*04.306 W78*45.323	Producing	6.5"Shallow
20553	Mennitti	DuBois Deposit	N41*04.870 W78*44.520	Producing	8.5"Shallow
20325	Brian/Keith Wells	Potter-drilled into fault	N41*04.662 W78*44.748	Plugged	?Buried Casing
20527	Wells	Potter	N41*04.592 W78*44.662	Producing	8.5"Shallow

20327	Buell	Potter	N41*04.696 W78*44.902	Producing	14 3/4"Deep
20597	Zelman			Producing	8.5"Shallow
20341	Stuart	Unknown	N41*05.142 W78*45.087	Plugged	?Unknown
20333	Atkinson	Ginter	N41*05.160 W78*44.830	Producing	14 3/4"Deep
20626	Atkinson	Unknown	N41*05.140 W78*44.720	Plugged	8.5"Shallow
?Not labeled	IGM Carbon	Unknown	N41*04.793 W78*45.428	Producing	14 3/4"Deep
	Lines				



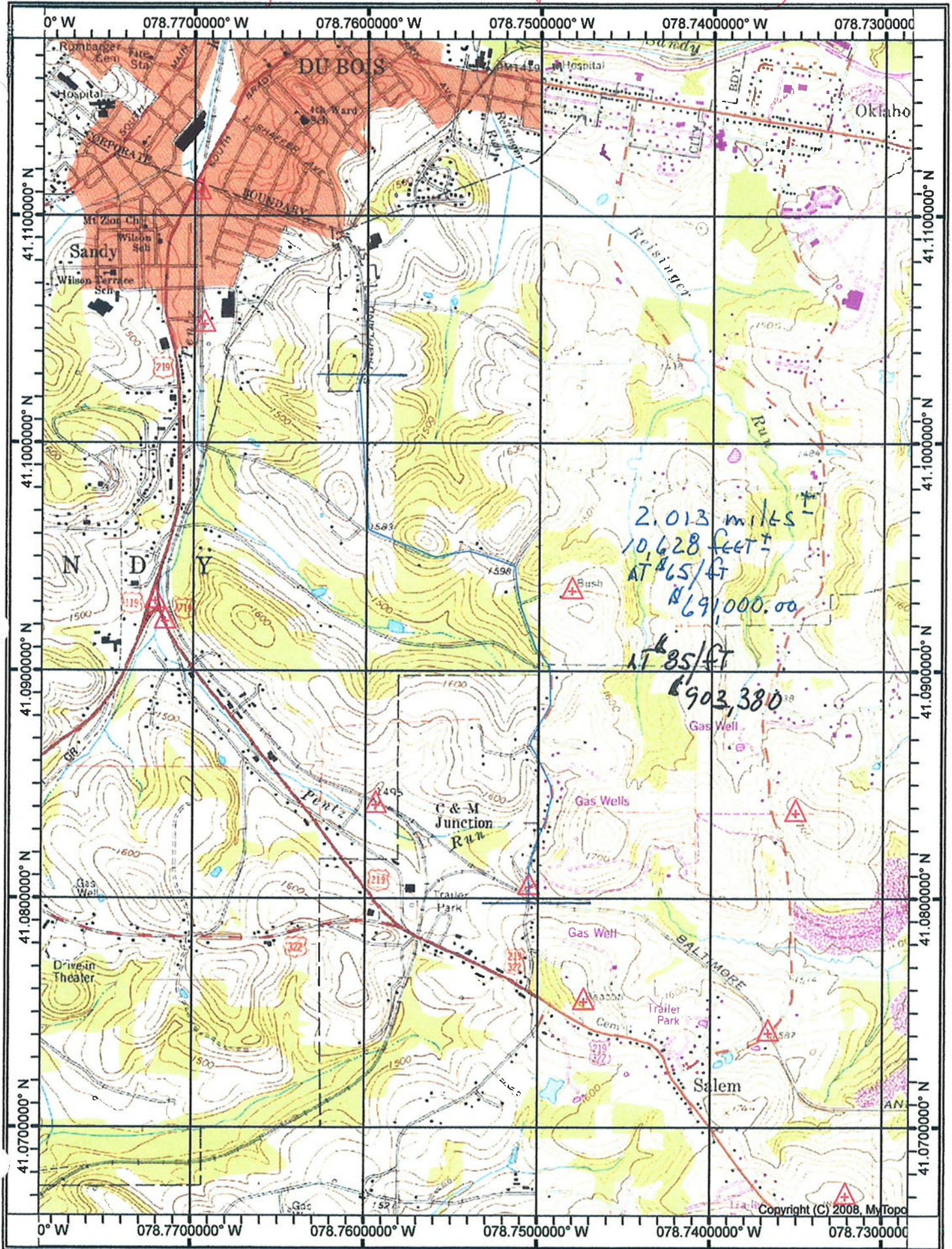
1 inch = 500 feet



By Carlson deep well, have 16+ water wells

Plugging Costs

Sandy Township Proposal to Bring Water



and a 10 percent down payment for a month can equal a credit card that charged more than 100 percent interest, U.S. Sen. Charles Schumer said Sunday.

compared to the annual rates of most credit cards.

He said if stores don't better present the cost of layaway purchases, he will ask the Federal

fees are already clear, a major retail association says.

"It is a leap to suggest that \$5 on a \$100 purchase is twice the

to buy an item the flexibility to without accum

Taxpayers could get stuck paying for old gas wells

PITTSBURGH (AP) — Plugging an abandoned Marcellus Shale gas well in Pennsylvania could cost \$100,000 or more, and well bonding changes proposed by the Corbett administration could stick taxpayers with almost all of that bill, according to a study from Carnegie Mellon University.

The CMU study found that the new Marcellus gas well bonding fees, recommended by Corbett's Marcellus Shale Advisory Commission and now under consideration in the Republican-controlled Legislature, would require drilling companies to cover only a fraction of the costs of plugging and decommissioning old, non-producing and abandoned gas wells.

The proposed new bonding

requirements, while higher than those now in place, would eventually have dire economic and environmental consequences for the state, similar to those caused by the inadequate bonds required of the early coal, oil and shallow gas industries, the study said. It will appear in the journal *Environmental Science & Technology* and has been published online.

Neither the existing \$2,500 per well bonding requirement nor the proposed increase to \$10,000 per well are high enough to make gas drilling companies clean up after themselves or cover the costs of plugging and decommissioning a well, said Austin Mitchell, a doctoral student in the Department of Engineering and Pub-
See WELLS, Page A9

Man killed in tree accident

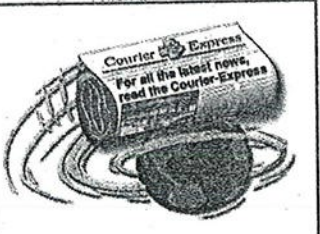
CLAYSVILLE (AP) — The Washington County coroner says a Claysville man died after a tree fell on him while he was cutting it.

Coroner S. Timothy Warco said that 62-year-old Charles Velton Begley died shortly before noon Sunday in woods behind his home.

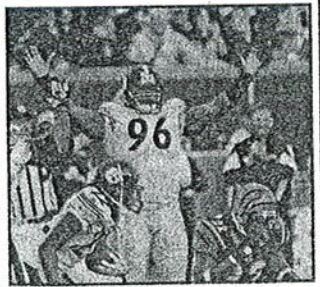
Begley was cutting the tree when it broke and pinned him down.



DANCING TREES — Owensboro public works department left, Mike Turner, Emily Wilkerson and Chuck Johnson, to one of eight 'dancing trees' at Legion Park in Owensboro as part of preparations for Holiday in the Park which official a lighting ceremony. 'There's probably close to 100,000 lights now,' Johnson said. (AP Photo)



Today's edition



Steelers win
Pittsburgh Steelers defensive end Ziggy Hood celebrates after cornerback William Gay intercepted a pass against the Cincinnati Bengals. Pittsburgh won, 24-17. **Page B1**

Tuesday weather

Problems persist with Medicare

MIAMI (AP) — Contractors paid tens of millions of taxpayer dollars to detect fraudulent Medicare claims are using inaccurate and inconsistent data that makes it extremely difficult to catch bogus bills submitted by crooks, according to an inspector general's report.

by federal health officials to adequately supervise them.

Investigators found that health officials did not consistently evaluate key measures such as how many investigations were initiated by contractors. Investigators examined two contractors in charge of fraud hot spots in Florida and Texas during the last year.

problems. In 2007, General Michael ... that the Centers for Medicare and Medicaid Services ... ing a good job of being accountable.

"The issues have been problematic and present a serious

COURIER 11-14-2011

of keeping workers available to provide items when the layaway is paid off, an item of storing items for weeks and disrupting what could be a faster turnover. The fee can also be a "restocking fee," which covers the cost of returning the item to the shelves if the layaway isn't completed. In addition, retailers say the fee helps reduce the loss if a layaway isn't completed and item can't be immediately resold.

Schumer said most states limit credit card interest at 16 to 35 percent, but layaway plans can end up costing more in borrowing costs for consumers

"These layaway programs are nothing more than hideaways for sky-high interest rates that consumers would never tolerate with a credit card," Schumer said. "The holiday season is supposed to be about giving and not taking, but these layaway programs are taking advantage of people and charging them outrageous interest rates, under the guise of making it easier and more affordable to shop."

Schumer said late Friday that he is sending letters to the Retail Industry Leaders Association and the National Retail Federation asking them to advise

Major retailers plan what started during Great Depression as a way to help low-income people without access to credit to buy presents during the holidays.

"As a financing option, layaway is decidedly worse than most credit cards," Professor Louis Hyman of Cornell University recently told The New York Times. Hyman is the author of "Debtor Nation: A History of America in Red Ink."

Wells . . . Continued from Page A1

bonds are a bargain for companies drilling hundreds of wells but leave the possibility of taxpayers holding the liability bag.

Proposals under consideration by the Legislature could increase the blanket bonds to as much as \$625,000, but Mitchell said "there's still no real attempt to make the bond match the actual cost of plugging a well" on private property.

He said gas drillers in state forests are required to post "full cost" bonds ranging from \$50,000 to \$100,000, and the requirement has not stopped companies from bidding on those leases. But the state's well bonding requirements for private property drilling haven't been adjusted since 1984.

The Department of Environmental Protection could not be reached for comment on the CMU study or the adequacy of the proposed well bonding program. The department had

earlier estimated that the cost of decommissioning 3,000-foot-deep wells in southwestern Pennsylvania has averaged approximately \$60,000 each. Since the cost increases with the depth of the well, Marcellus Shale wells, which can be 5,000 to 8,000 feet deep, are expected to cost much more to plug.

Mitchell said Cabot Oil & Gas paid \$2.2 million to plug three vertical Marcellus wells that had caused problems with groundwater supplies in Dimock, Susquehanna County.

Another problem, Mitchell said, is that the economics of shale gas development, demonstrated in other shale gas plays around the nation, favor transfer of assets from large companies to smaller ones as well production declines, potentially creating situations in which the smaller companies may not have the financial assets to pay for well plugging when production ends.

The study also said the state's inadequate well production reporting system should be upgraded and enforcement increased to prevent drilling companies from postponing or avoiding well plugging requirements. From 2007 through 2009, about 17,000 active oil and gas wells did not report production numbers, according to the study.

"State law requires that oil and gas wells must be properly plugged and the well site restored one year after production ceases," Mitchell said. "By not reporting production, owners can indefinitely postpone enforcement of those requirements."

The study suggests the most cost-effective way for drilling companies to meet their true cost obligations would be to pay into interest-bearing reclamation trust accounts funded by upfront pre-drilling fees and severance taxes for the peak production years.

William, Punxsutawney, died Nov. 12, 2011. Friends from 2-9 p.m. Tuesday and from 11 a.m. until 1 p.m. Christian Missionary Alliance Church. A funeral service p.m. Wednesday at the church with Pastor John Burial will be in Circle Hill Cemetery, Punxsutawney. Services may be made to Christian Missionary Alliance Youth Press Nursery, 1307 S. Main St. Ext., Punxsutawney, PA. Inquiries may be made to www.shumakerfh.com. Funerals are under the direction of Shumaker Funeral Home, Punxsutawney.

G. Ferraro

Ferraro, 85, Brookville, died Sunday at Health Center, Brookville.



Francis G., Brookville, died Nov. 13, 2011. Funeral arrangements the direction of Brenda D. Shumaker Funeral Home, Brookville.

Douglass leaving St. Lutheran Church

The Rev. Douglass gave her last service at St. Lutheran Church on Friday. She has accepted a position as program director at the Women to Nurture Program in Frederick County, Md.

In her new position, Douglass will be helping disadvantaged and displaced women move into the workforce by supporting them with mentors. The position allows her to work in an academic setting and do ministry work at the same time. A reception was held in her honor at the church Sunday.

Continued from Page A1

powered generator might to do work in the creek Township that had no ball on McDowell High School's freshman team.

identally

United States General Accounting Office

GAO

Report to the Honorable Lynn C.
Woolsey, House of Representatives

June 2003

DEEP INJECTION WELLS

EPA Needs to Involve
Communities Earlier
and Ensure That
Financial Assurance
Requirements Are
Adequate



Highlights of GAO-03-761, a report to the Honorable Lynn C. Woolsey, House of Representatives

DEEP INJECTION WELLS

EPA Needs to Involve Communities Earlier and Ensure That Financial Assurance Requirements Are Adequate

Why GAO Did This Study

Billions of gallons of hazardous liquid waste are injected into underground wells each year. These Class I hazardous deep injection wells are designed to inject waste into an area below the lowermost underground source of drinking water. EPA and the states grant permits to commercial operators to construct and operate these wells and must obtain public comments on the permits. Communities often raise concerns about well safety and other matters. GAO examined the extent to which EPA and the states (1) address these community concerns, (2) consider environmental justice issues, and (3) ensure that financial assurances adequately protect the taxpayer if bankruptcy occurs. GAO, among other things, examined the permit process in the four states that have commercial Class I wells.

What GAO Recommends

- GAO recommends that EPA
- involve the public earlier in the permitting process to allow more time for community concerns to be addressed; and
 - determine if the program's financial assurance requirements need to be strengthened.

EPA did not agree with GAO's recommendations and stated that (1) public involvement is limited by program regulations and (2) financial assurance requirements are not deficient. GAO maintains the recommendations are sound.

www.gao.gov/cgi-bin/getrpt?GAO-03-761.

To view the full product, including the scope and methodology, click on the link above. For more information, contact John B. Stephenson at (202) 512-3841 or stephensonj@gao.gov.

What GAO Found

Although EPA provides opportunities for public comment on proposed commercial Class I deep injection wells as required by regulations, these opportunities come late in the process, after a draft permit has been prepared and this timing may limit the extent to which concerns are addressed. EPA responds to all public comments, but it cannot deny a permit on the basis of community concerns if all regulatory requirements for protecting drinking water are met. However, earlier involvement could give communities more time to contact appropriate state or local officials to address concerns that are not within the scope of EPA's authority. In Michigan, where EPA issues injection well permits, communities believe that their concerns are often not fully resolved; in some instances, communities have filed legal actions and complaints to prevent well construction. In contrast, the three states to which EPA has authorized responsibility for issuing permits have enacted requirements for earlier and more public involvement. Overall, they believe that early involvement better addresses community concerns, mitigates controversial issues, and avoids litigation.

EPA addresses environmental justice issues in two basic ways—first, as part of its process for deciding whether to issue a permit for well construction, and second, in response to specific civil rights complaints filed with the agency after permits are issued. EPA encourages its regional offices issuing construction permits to determine if minority and low-income populations are disproportionately affected by a proposed well's location. Individuals and communities may appeal EPA permit decisions with EPA's Environmental Appeals Board or, for other permit decisions, file complaints under Title VI of the Civil Rights Act with EPA's Office of Civil Rights. Only one community has filed complaints related to deep injection wells; these complaints did not result in changes to the permit decisions. Court decisions have recently limited the basis for filing Title VI complaints, making the process an unlikely avenue for changing permit decisions.

Current financial assurance requirements may not ensure that adequate resources are available to close a commercial deep injection well in the event of bankruptcy or ceased operations. While only four sites have gone into bankruptcy or ceased operating since the program began in 1980; two did not have adequate financial resources to plug and abandon wells and for the other two, financial assurance was not tested because other companies purchased and continued operating the wells. EPA has questioned the adequacy of some financial assurance requirements in other programs that are similar to those for Class I deep injection wells. EPA's Office of Inspector General has reported that financial assurance requirements for another waste management program, which the requirements for deep injection wells mirror, may not be adequate to close facilities; an EPA working group is also reviewing similar aspects of financial assurance requirements for a different type of injection well for possible changes.

HIGHLAND STREET EXTENSION DEVELOPMENT

WATER SOURCES

DIST	PIN	NAME	ACRES_1	WATER SOURCE
107	1070C05000014.1	ATKINSON, RICHARD LEE &	95.25000	water well
107	1070B050000064.1	BAIRD, RANDALL R. & JOANNE	1.00000	1 water well (200 feet)
107	1070C0500000169	BARR, JOHN M. & SUE A.	2.87000	1 water well (135 feet)
107	1070C0500000201	BARR, RITA M & DAVID W	1.00000	1 water well (180 -190 feet)
128	1280B04000000021	BITTNER, BRAD A & NANCY L	2.00000	2 water wells (70 feet & 200 feet)
107	1070B05000000069	CHAMBERS, JOHN & LORI	3.28000	2 water wells (145 feet & 160 feet)
107	1070B05000000053	CHAMBERS, JOHN & LORI	31.00000	
107	1070C0500000199	CHEWNING, JACKIE R	2.91000	water well
107	1070C05000000057	CHEWNING, JACKIE R. & JUDY L.	10.97000	
107	1070C050000047.1	CHEWNING, JACKIE R. & JUDY L.	1.75000	Brady Township
128	1280B04000000034	CORP/REAY TRUST,	20.80600	2 water wells (128 feet & 1 shallow dug well)
107	1070B05000000080	CRYTSEY, THEODORE J & RONA C	0.65000	1 water well (170 feet)
107	1070B05000000082	CRYTSEY, DANNY	0.19000	1 water well (180 feet)
107	1070B050000027.1	CRYTSEY, THEODORE J. & RONA C.	11.51000	
107	1070B050000059.1	ERICKSON, PETER L & DAWN B	1.36000	2 water wells (300 feet)
107	1070C05000000008	GELNET, CECIL E.	10.11000	1 water well & 1 spring (325 feet)
107	1070B050000058.1	GREATHOUSE, RONALD H. & JOYCE	1.15000	1 water well (285 feet)
128	1280B04000000138	HAMBY, RALPH E. & DANA K.	4.29300	water well
107	1070B05000000051	HAND, FRANCIS E	35.20000	2 water wells (250 feet & 325 feet) & 2 springs
107	1070B050000058.2	HEBERLING, DEBRA A &	1.38000	3 water wells (200 to 265 feet with 60 to 90 feet reservoirs)
107	1070B0500000104	HEBERLING, DEBRA A &	1.96000	
128	1280B04000000035	HOOK, JOHN T	40.35000	spring
128	1280C04000000204	HOOK, JOHN T.	4.90000	
107	1070B05000000064	HULBURT, EMILY A	1.50000	water well
107	1070B05000000068	JENNEY, ABEL E. & HELEN D.	0.50000	1 water well (86 feet)
107	1070B0500000060.1	JENNEY, ABEL E. & HELEN D.	0.33000	
107	1070B05000000060	JENNEY, RICHARD L & NORA A	1.17000	1 water well (25 feet)
128	1280B04000000142	JONES, ADAM N & LAURA L	4.52300	water well
107	1070B05000000127	KOLASH, JOSEPH N & JOAN L	0.21700	water well
107	1070B05000000058	KOLASH, JOSEPH N. & JOAN L.	5.94900	
107	1070C05000000014	KOLASH, RICHARD M. & SHARON	5.30000	water well
107	1070C05000000162	KURTZ, CAROL J	5.00000	water well
107	1070C05000000139	KURTZ, CAROL J	0.75000	

HIGHLAND STREET EXTENSION DEVELOPMENT

WATER SOURCES

107	1070B0500000057	LAWSON, TERRY & CAROLE	4.28000	1 water well (273 feet)
107	1070B0500000102	LEECH, GREGORY	1.00000	Brady Township
128	1280B0400000143	LIDDLE, RANDY & MARILYN	1.97400	1 water well (unknown depth)
107	1070B0500000062	LOCKHART, MONICA A	8.57000	Spring
107	1070C0500000116	MARSH, ALBERT T. JR. &	1.50000	Brady Township, 1 water well (90 feet) & 1 cistern
107	1070C050000039.4	MARSH, ALBERT T. JR. &	1.05000	
107	1070C0500000163	MARSH, DENNIS R. & TERRY	0.90000	1 water well (150 feet)
107	1070C05000110.1	MARSH, DENNIS R. & TERRY	0.43000	
107	1070C0500000184	MARSH, DENNIS R. & TERRY L.	0.51000	
107	1070B0500000065	MARSH, VIOLET MAE	0.50000	
107	1070B0500000093	MARSHALL, DUANE R & DARLENE C	1.25000	1 water well (360 feet)
107	1070B0500000113	MARSHALL, ROBERT D. & ETHEL M.	0.66000	1 water well (90 feet)
107	1070B050000059.2	MARSHALL, ROBERT D. & ETHEL M.	1.78000	
107	1070B050000026.1	MARTINEZ, LESHA A	0.59000	Brady Township & 1 water well (80 feet)
107	1070B0500000096	MICHAEL, JOSEPH P. & MELISSA L	0.39000	1 water well (270 feet)
107	1070B0500000112	MICHAEL, JOSEPH PAUL &	2.00000	water well
107	1070B0500000089	MONELLA, DANIEL C & MICHELLE D	1.00000	2 water wells (380 feet & 180 feet)
128	1280B0400000141	PEOPLES, HARRY ARTHUR &	4.53200	2 water wells (230 feet)
128	1280B0400000020	PETTENATI, ALAN P & VICKY L	13.48300	1 water well (280 feet)
107	1070B0500000056	PLYLER, JANET & JAMES	0.85000	2 water wells (380 feet & 200 feet)
107	1070B0500000092	PLYLER, JANET L & JAMES H	7.46000	
107	1070B0500000063	POWERS, RANDELL T. & VALERIE J	1.00000	1 water well (90 feet)
107	1070C050000039.3	RICE, CHARLES W & RETA J	0.93000	Brady Township
128	1280B040000020.1	SHEPLER, CLAIR J. & MONA L.	1.00000	water well
128	1280C04000000007	SNYDER, WILLIAM D	63.19000	water well
128	1280B0400000108	STANKAVICH, GLORIA JEAN	1.99000	water well
107	1070B0500000091	STEWART, ROBERT M. & EDITH M.	5.80000	1 water well (220 feet)
107	1070B0500000067	VANTILBURG, ROSEMARY	0.50000	1 water well (175 -190 feet)
128	1280B040000020.2	WEIBLE, ANTHONY M	1.00000	water well
107	1070C050000039.1	WELLS, HOMER L. & SHIRLEY J.	1.00000	Brady Township & 1 water well (110 feet)
107	1070B0500000085	WELLS, RICHARD L. & SHIRLEY J.	1.00000	water well
107	1070B0500000103	WELLS, ROBERT B. & PAULINE E.	1.00000	Brady Township
128	1280B0400000148	WILSON, GREGORY J &	8.93650	water well
107	1070C0500000110	ZELMAN, FRANK & SUSAN	19.87000	water well

HIGHLAND STREET EXTENSION DEVELOPMENT

WATER SOURCES

EDMISTON & REASINGER
FOX, CHRISTY

water well
DuBois City Water

57 water wells

5 springs

1 cistern

over 69 properties affected on Highland

Water Sources in a One Mile Radius

107 water wells identified in a one mile radius

DIST	PIN	NAME	ACRES_1	WATER SOURCE
128	1280B0500000065	ALLENDER, CHARLES E.	0.80000	water well
107	1070B0500000131	ARMAGOST, ERIC S & KARI D	5.86000	Brady Township
107	1070B050000034.2	ARMAGOST, SAMUEL E. & WANDA	4.00000	Brady Township
107	1070C050000014.1	ATKINSON, RICHARD LEE &	95.25000	water well
107	1070B0500000017	AYLE, DUDLEY EARL & JULIA IONE	49.30000	Brady Township
107	1070B050000064.1	BAIRD, RANDALL R. & JOANNE	1.00000	1 water well (200 feet)
107	1070C0400000011	BAKER, CLYDE E. & JOANNE	0.50000	water well
107	1070C0400000009	BARR, CHARLES FRED	62.33000	water well
107	1070C0500000003	BARR, CHARLES FRED	44.10000	see above
107	1070C0500000169	BARR, JOHN M. & SUE A.	2.87000	1 water well (135 feet)
107	1070C0500000201	BARR, RITA M & DAVID W	1.00000	1 water well (180 -190 feet)
128	1280B050000047.2	BEAVER DEVELOPMENT LTD, LLLP	6.02000	
107	1070C0500000094	BECK, CARL A & LORENE M,	13.07000	
107	1070C04000000035	BECK, ROBERT C. JR. & BONITA	0.56000	water well
107	1070C04000000007	BEEZER, JANET M. & JANET DIANE	37.00000	
128	1280B0500000191	BERETSEL, STEPHEN M	5.60000	Brady Township
128	1280B0500000036	BERGMAN, LAURA M	0.82000	Brady Township
128	1280B0400000021	BITTNER, BRAD A & NANCY L	2.00000	2 water wells (70 feet & 200 feet)
107	1070C0500000050	BLAKESLEE, THOMAS J & MONA MAE	1.68000	Brady Township
128	1280B0500000035	BLOMMEN, BERNARD & TWILA	1.00000	Brady Township
107	1070B0500000111	BOWSER, JEFFREY R &	1.50000	Brady Township
107	1070B0500000036	BRANDON, JOHN B	0.25000	storage units
107	1070C0500000131	BRESSLER, HARRY B & SHARON L	2.00000	Brady Township
107	1070C0500000047	BRESSLER, HARRY B & SHARON L	6.11000	
107	1070C0500000054	BRESSLER, HARRY B & SHARON L	13.03000	
107	1070C0500000130	BRESSLER, HARRY B & SHARON L	0.50000	
128	1280C04000000201	BRESSLER, HARRY B & SHARON L,	5.15400	
107	1070C0500000061	BROWN, CHARLIE P JR &	0.00000	Brady Township
107	1070C0400000015	BROWNELL, LESLIE JAMES &	4.00000	water well
107	1070C0500000193	BUELL, ROBERT J JR & NANCY L	13.82000	
128	1280C04000000009	BUSH, JEFFREY L & DONNA R	18.00000	water well
128	1280C0400000111	BUSH, JEFFREY L & DONNA R	2.69000	
128	1280C04000000008	BUSH, RAYMOND C & SHIRLEY J	47.00000	water well

Water Sources . . . ne Mile Radius
 107 water wells identified in a one mile radius

107	1070C050000081.2	CAIRNS, JAMES A	1.09000	Brady Township
107	1070C0500000111	CAIRNS, JAMES A	1.00000	
107	1070C0500000046	CAIRNS, RACHEL	3.50000	Brady Township
107	1070C0500000005	CARLSON, MARK A. & DEBRA L.	8.40000	
107	1070C0500000164	CENTURY-TCI CALIFORNIA, LP	10.21000	cell tower
107	1070B0500000069	CHAMBERS, JOHN & LORI	3.28000	2 water wells (145 feet & 160 feet)
107	1070B0500000053	CHAMBERS, JOHN & LORI	31.00000	
107	1070B0500000072	CHAPMAN AUTO PARTS	0.94000	Brady Township
107	1070B0500000041	CHAPMAN AUTO PARTS & SALES INC	3.00000	
107	1070B0500000039	CHAPMAN AUTO PARTS & SALES INC	0.37000	
107	1070B0500000107	CHAPMAN AUTO PARTS & SALES INC	6.85000	
107	1070B0500000101	CHAPMAN AUTO PARTS & SALES INC	1.08000	
107	1070B0500000081	CHAPMAN AUTO PARTS & SALES INC	0.28000	
107	1070B0500000074	CHERICO, RICHARD T.	2.45000	Brady Township
107	1070C0500000199	CHEWNING, JACKIE R	2.91000	water well
107	1070C0500000057	CHEWNING, JACKIE R. & JUDY L.	10.97000	
107	1070C050000047.1	CHEWNING, JACKIE R. & JUDY L.	1.75000	Brady Township
128	1280C0400000043	CHICK, JOSEPH W. & WANDA J.	37.17000	Brady Township
128	1280C0400000044	CHICK, JOSEPH W. & WANDA J.	49.00000	
128	1280C0400000011	CHICK, JOSEPH W. & WANDA JEAN	25.00000	
128	1280B050000020.2	CHURCH OF JESUS CHRIST OF	2.50000	Brady Township
128	1280B0500000082	CHURCH OF JESUS CHRIST OF	0.23000	
107	1070B0500000106	CLFD. CO. INDUST. DEVEL. AUTH.	0.61000	
128	1280B0400000034	CORP/REAY TRUST,	20.80600	2 water wells (128 feet & 1 shallow dug we
107	1070B0500000105	CRAIG MANAGEMENT INC	0.61000	Brady Township
107	1070B0500000038	CRAIG MANAGEMENT INC	6.64000	
107	1070B0500000080	CRYTSEY, THEODORE J & RONA C	0.65000	1 water well (170 feet)
107	1070B0500000082	CRYTSEY, DANNY	0.19000	1 water well (180 feet)
107	1070B050000027.1	CRYTSEY, THEODORE J. & RONA C.	11.51000	
128	1280C040000006.1	CYPHERT, ROBERT W. &	1.00000	
128	1280C0400000166	CYPHERT, ROBERT W. & MARGARET	1.02000	1 water well (? -- 30+ feet)
107	1070B0500000125	D & A INDUSTRIES INC	2.39000	
107	1070C0500000141	DAVIS, DAVID J & ROBYN J	0.44000	Brady Township
107	1070C0500000126	DAVIS, DAVID J. & ROBYN J.	0.40000	

Water Sources in a One Mile Radius
 107 water wells identified in a one mile radius

128	1280B0500000086	DAVIS, MELISSA D & NATHAN A	7.45000	Brady Township
128	1280B050000034.2	DAVIS, SHERRI M.	3.67000	Brady Township
128	1280C0400000164	DELANEY, JAMES F. & SUSAN B.	2.13000	water well
107	1070B0500000035	DELARME, DAVID K. & HOPE M.	50.00000	Brady Township
107	1070B050000019.1	DELARME, GEORGE EDWARD	9.00000	
107	1070C0500000078	DELARME, JAMES A	0.00000	Brady Township
128	1280B0500000066	DELARME, RALPH E & DEBRA L	43.90000	Brady Township
128	1280B0500000075	DELARME, RALPH E. & DEBRA L.	10.00000	
107	1070B050000013.1	DONAHUE, EDWARD F. & DEBBIE A.	20.00000	Brady Township
107	1070C0400000020	DOVERSPIKE, DEBORAH S. &	0.66000	water well
107	1070C050000012.2	DUNLAP, BRADLEY & KIMBERLEY	2.40000	1 water well (75 feet)
107	1070C050000013.4	DUNLAP, BRADLEY & KIMBERLY	1.66000	water well
107	1070C0500000012	DUNLAP, JAMES LEROY &	6.60000	1 water well (75 feet)
107	1070C050000013.1	DUNLAP, JAMES LEROY &	3.20200	
107	1070C050000013.5	DUNLAP, JAMES LEROY &	0.55000	
107	1070C040000009.1	DUNLAP, WILLIAM E. & AUDREY E.	1.04000	water well
107	1070B050000027.2	DUPENN, INC	9.04000	Brady Township
107	1070C050000013.2	DUTTRY, DANIEL J. & MARLENE E.	3.54000	water well
107	1070B0500000061	EDMISTON, ROBERT L &	1.23000	
128	1280C0400000027	ELNICKI, ERMA ALMEDA	53.00000	water well
128	1280B0500000070	ERICKSON, KEITH E. & DONNA M.	1.00000	Brady Township
107	1070B050000059.1	ERICKSON, PETER L & DAWN B	1.36000	2 water wells (300 feet)
107	1070C0500000088	EVANS, WILLIAM W & KAREN M	0.25000	
107	1070B0500000033	FAYETTE RESOURCES INCORPORATED	0.66000	
107	1070C0500000137	FIELDS, KELLY	0.56000	Brady Township
107	1070B050000034.1	FIELDS, RAYMOND P. & JUDY M.	2.00000	
107	1070C0500000072	FOHRINGER, JAMES O & EARLA A	0.25000	Brady Township
107	1070C0500000073	FOHRINGER, JAMES O & EARLA A	0.00000	
107	1070C0500000098	FRANTZ, FREDERICK C &	18.61000	
107	1070C0500000097	FRANTZ, FREDERICK C JR &	51.43000	
107	1070B0500000109	GALENTINE, BEVERLY &	2.00000	
107	1070C0500000019	GARDNER, THOMAS J. &	26.00000	Brady Township
107	1070C0500000150	GARDNER, THOMAS J. & PEGGY J.	0.81000	
128	1280C0400000005	GARMAN, DAVID K	29.84000	

Water Sources, One Mile Radius
 107 water wells identified in a one mile radius

107	1070C0500000069	GEARHART, ALVIN W	0.88000
107	1070C0500000008	GELNET, CECIL E.	10.11000 1 water well & 1 spring (325 feet)
107	1070C0500000160	GERG, JASON P & NORA K	1.67000 Brady Township
107	1070B0500000071	GEYER, THOMAS M. & LINDA L.	2.00000 Brady Township
107	1070C0400000023	GILBERT, FRED & MARGARET	1.15000 water well
107	1070B0500000024	GLS LEASCO INC	1.81000
107	1070B0500000025	GLS LEASCO, INC	0.15000
107	1070B0500000014	GRAY, JAMES A JR ETAL	11.66300 Brady Township
107	1070B0500000015	GRAY, JAMES A JR ETAL	1.00000
107	1070C0500000052	GRAY, KENNETH R &	2.00000 Brady Township
107	1070C0500000064	GRAY, STEVEN L.	0.51000 Brady Township
107	1070B050000058.1	GREATHOUSE, RONALD H. & JOYCE	1.15000 1 water well (285 feet)
128	1280C0400000145	GUNDERMAN, CHARLES F. & SHARON	2.38000 water well
107	1070B0500000029	HAAAG, LEE BURNETT	12.00000
128	1280B0400000138	HAMBY, RALPH E. & DANA K.	4.29300 water well
107	1070C0500000060	HAND, AMY S.	0.00000 Brady Township
107	1070B0500000051	HAND, FRANCIS E	35.20000 2 water wells (250 feet & 325 feet) & 2 spr
107	1070C0500000084	HANSLOVAN, JAMES J. & SUSAN L.	1.00000 Brady Township
107	1070C05000011.1	HART, DEBRA L	3.00000
107	1070C05000011.3	HART, DEBRA L	2.00000
107	1070C05000011.6	HART, DEBRA L	2.00000
107	1070C05000011.4	HART, DEBRA L	2.00000
107	1070C05000011.1	HART, DEBRA L	3.00000
107	1070C04000011.2	HARTZFELD, GARY J. & SANDRA L.	3.20000 water well
107	1070B050000058.2	HEBERLING, DEBRA A &	1.38000 3 water wells (200 to 265 feet with 60 to 90
107	1070B0500000104	HEBERLING, DEBRA A &	1.96000
128	1280B0500000194	HEBERLING, ROBERT E JR &	19.03000
128	1280B050000047.1	HENRY, LOUANN	3.66000 Brady Township
128	1280B0500000087	HENRY, MELVIN L. JR.	1.83000 Brady Township
107	1070C0500000183	HENRY, ROBERT V. & PATRICIA	1.10000 Brady Township
107	1070C050000053.2	HENRY, ROBERT V. & PATRICIA L.	2.50000
107	1070C0500000196	HENRY, ROBERT V. & PATRICIA L.	2.40000
107	1070C0500000171	HENRY, ROBERT V. & PATRICIA L.	7.00000
107	1070C0500000089	HENRY, ROBERT VINTON &	0.33000 Brady Township

Water Sources One Mile Radius

107 water wells identified in a one mile radius

107	1070C05000000037	HICKS, BARRY G & JANET L	96.13000	Brady Township
107	1070C05000000149	HIMES, DALE L	0.58700	Brady Township
107	1070C05000000079	HIMES, DALE L	0.75300	
107	1070C05000000192	HIMES, DAVID W. & MARY ANN	2.13000	Brady Township
107	1070C05000000006	HOFFER, MARK T	98.98100	
107	1070C04000000016	HOLLEN, KEVIN L. & AMY L.	5.50000	
107	1070C04000000017	HOLLEN, KEVIN L. & AMY L.	0.10000	
128	1280C040000006.3	HOLLOPETER, EARL R. & NORMA A.	1.00000	1 water well (180 feet)
128	1280C0400000010	HOLLOPETER, MELVA W.	4.00000	water well
128	1280B04000000035	HOOK, JOHN T	40.35000	spring
128	1280C04000000204	HOOK, JOHN T.	4.90000	
107	1070B05000000018	HOOVER, FRANK C & RUBY M	21.20000	Brady Township
107	1070B05000000020	HOOVER, FRANK C & RUBY M	0.28000	
128	1280B05000000023	HOOVER, WILLIAM B. SR. &	19.11000	
107	1070C05000000157	HORN, ALLISON L SR &	2.40000	
107	1070C04000000008	HORN, MATTHEW L & TAMI L	12.00000	water well
107	1070C0400000009.2	HOYT, JOHN R. & PAULETTE R.	1.70000	water well
107	1070B05000000064	HULBURT, EMILY A	1.50000	water well
107	1070B05000000068	JENNEY, ABEL E. & HELEN D.	0.50000	1 water well (86 feet)
107	1070B0500000060.1	JENNEY, ABEL E. & HELEN D.	0.33000	
107	1070B05000000060	JENNEY, RICHARD L & NORA A	1.17000	1 water well (25 feet)
128	1280C04000000132	JOHNSON, RAYMOND C.	0.82000	water well
128	1280C04000000001	JOHNSON, RAYMOND CARL	2.40000	
128	1280B04000000142	JONES, ADAM N & LAURA L	4.52300	water well
128	1280B04000000054	K & C DENTAL CENTER - DUBOIS	0.39900	Brady Township
107	1070C04000000022	KALGREN, PATRICK W. & KAREN L.	1.00000	
128	1280C04000000004	KEAGLE, VERNON R. & MAE I.	33.00000	water well
107	1070C05000000071	KELLER, ROBERT L. & MARIE E.	0.60000	Brady Township
107	1070C05000000179	KELLER, ROBERT L. & MARIE E.	1.25000	Brady Township
107	1070C05000000143	KELLER, ROBERT L. & MARIE E.	1.28000	
128	1280B04000000140	KENAWELL, RICHARD & AUDREY S.	8.00000	would need a water well
128	1280B0500000033.1	KENNEDY, ROBERT R. & LOIS J.	10.53000	Township water
128	1280B05000000174	KENNEDY, STEPHEN & LOIS	3.83000	Township water
128	1280B05000000033	KENNEDY, STEPHEN A & DIANNA L	51.40000	Township water

Water Sources in One Mile Radius
 107 water wells identified in a one mile radius

107	1070B0500000032	KESSLER, MONA LOU & DAVID T.	3.00000
107	1070C05000047.2	KNARR, THOMAS W	1.54000 Brady Township
107	1070C0400000010	KOHLER, LOIS L	5.70000 water well
107	1070C0400000013	KOHLER, LOIS L	2.00000
107	1070B0500000127	KOLASH, JOSEPH N & JOAN L	0.21700 water well
107	1070B0500000058	KOLASH, JOSEPH N. & JOAN L.	5.94900
107	1070C0500000014	KOLASH, RICHARD M. & SHARON	5.30000 water well
107	1070C0500000059	KOPSHINA, CHAD & KRISTEN	0.00000 Brady Township
128	1280B0400000066	KOVALCHICK, ANDY &	13.28000 nothing on property
107	1070C0500000068	KRACH, COLBY D	1.25000 Brady Township
107	1070C0500000075	KRACH, DONALD R. & MARY RUTH	14.50000 Brady Township
107	1070C0500000074	KRACH, DONALD R. & MARY RUTH	0.40000
107	1070C0500000092	KRACH, GLENN W & SARA E	1.55000 Brady Township
107	1070C0500000076	KRACH, GREGORY BRADEN	0.90000 Brady Township
107	1070B0500000076	KRACH, JAMES F	0.00000
107	1070C0500000117	KRACH, JAMES F & HAZEL M	1.00000
107	1070C0500000109	KRINER, DEAN	0.57000 Brady Township
107	1070C0500000053	KRINER, DEAN	16.16600
107	1070B0500000007	KRINER, LEON D. & HAZEL D.	150.00000 Brady Township
107	1070C0500000020	KURTEN, RANDALL THOMAS &	4.65000 Brady Township
107	1070C0500000162	KURTZ, CAROL J	5.00000 water well
107	1070C0500000139	KURTZ, CAROL J	0.75000
128	1280B050000020.1	LANZONI, EDWARD V. &	0.90000 Brady Township
128	1280B0500000192	LANZONI, RICHARD A.	1.03000 Brady Township
107	1070C050000092.1	LAUKITIS, CYNTHIA &	0.95000 Brady Township
107	1070C0500000152	LAUKITIS, CYNTHIA & SHAWN M	1.00000
107	1070B0500000057	LAWSON, TERRY & CAROLE	4.28000 1 water well (273 feet)
107	1070B0500000028	LEE, ROBERT E SR	2.50000 Brady Township
128	1280B0500000039	LEE, ROBERT E SR & H PAUL LEE	0.50000
128	1280B0500000038	LEE, ROBERT, ROBERT E	0.50000
107	1070C0500000065	LEE, THOMAS E & BETTY L	1.00000 Brady Township
107	1070B0500000102	LEECH, GREGORY	1.00000 Brady Township
128	1280B0400000143	LIDDLE, RANDY & MARILYN	1.97400 1 water well (unknown depth)
107	1070C0500000004	LINES, GAYLE A	56.69000 water well

Water Sources in One Mile Radius
 107 water wells identified in a one mile radius

107	1070C0500000206	LINES, GREGG A & TABITHA L	4.00000	water well
107	1070B0500000062	LOCKHART, MONICA A	8.57000	Spring
107	1070C0500000155	LOCKWOOD, EDWARD E JR &	0.82000	Brady Township
107	1070C0500000197	LONDON, CHARLOTTE M.	1.00000	
107	1070C0500000142	LONDON, RENALD & BARBARA A	28.30700	
107	1070C0500000040	LUTHERSBURG UNITED METHODIST	1.00000	Brady Township
107	1070B0500000087	LYONS, RONALD R. & ALICE M.	0.30000	Brady Township
107	1070C0500000134	LYONS, SCOTT A & KAREN M	14.83500	
128	1280B0400000053	MANN, C. L. & LINDA J.	0.21600	Brady Township
107	1070C0500000116	MARSH, ALBERT T. JR. &	1.50000	Brady Township, 1 water well (90 feet) & 1
107	1070C050000039.4	MARSH, ALBERT T. JR. &	1.05000	
107	1070C0500000163	MARSH, DENNIS R. & TERRY	0.90000	1 water well (150 feet)
107	1070C050000110.1	MARSH, DENNIS R. & TERRY	0.43000	
107	1070C0500000184	MARSH, DENNIS R. & TERRY L.	0.51000	
107	1070B0500000065	MARSH, VIOLET MAE	0.50000	
107	1070B0500000093	MARSHALL, DUANE R & DARLENE C	1.25000	1 water well (360 feet)
107	1070B0500000113	MARSHALL, ROBERT D. & ETHEL M.	0.66000	1 water well (90 feet)
107	1070B050000059.2	MARSHALL, ROBERT D. & ETHEL M.	1.78000	
107	1070B050000026.1	MARTINEZ, LESHA A	0.59000	Brady Township & 1 water well (80 feet)
107	1070C0500000210	MCCARTNEY, JOSHUA Q &	2.00000	
107	1070C0500000175	MCCARTNEY, KEITH R & LISA L	2.19000	Brady Township
107	1070C0500000051	MCCLELLAND, ELIZABETH H.	0.98000	Brady Township
128	1280B0500000069	MCGARVEY, DANIEL L.	1.04000	
107	1070B0500000026	MCQUOWN, DALE A & ROSITA M,	0.49000	
107	1070C0500000124	MENNETTI, DOROTHY J.	41.10000	
128	1280B0400000116	METALTECH, INC.	1.56000	Brady Township
107	1070B050000023.1	MICHAEL, BLAIR L. JR & KAREN L	11.64000	Brady Township
107	1070B050000073.1	MICHAEL, BLAIR L. JR & KAREN L	0.10000	
107	1070B0500000073	MICHAEL, BLAIR L. JR & KAREN L	0.71000	
107	1070B0500000059	MICHAEL, GEORGE J III ET AL	9.69000	
107	1070B0500000090	MICHAEL, JOHN B & MARTHA M	13.67000	
107	1070B0500000096	MICHAEL, JOSEPH P. & MELISSA L	0.39000	1 water well (270 feet)
107	1070B0500000112	MICHAEL, JOSEPH PAUL &	2.00000	water well
128	1280B0500000022	MILES, WILLIAM B &	0.18000	Brady Township

Water Sources
107 water wells identified in a one mile radius

128	1280B0500000076	MILES, WILLIAM B &	0.20000
128	1280B0500000071	MILES, WILLIAM B & SANDRA J	0.43000
128	1280B050000022.1	MILES, WILLIAM B. &	0.00000
128	1280B0400000033	MILES, HENRY E & MARGARET A	10.74200
107	1070B0500000078	MILLER, DAVID R.	0.70000
107	1070B0500000089	MONELLA, DANIEL C & MICHELLE D	1.00000 2 water wells (380 feet & 180 feet)
128	1280B0500000034	MORRISON, JAMES M &	0.67000 Brady Township
128	1280B0500000176	MORRISON, JAMES M. & REBECCA A	29.43000
107	1070C0500000049	MULLINS, RODNEY D & SHERRIE A	3.78000 Brady Township
107	1070B0500000123	MUTH, C EARL & GRACE A	0.90000 Brady Township
107	1070B0500000084	MUTH, C. EARL & GRACE A.	25.54000
107	1070B0500000023	MUTH, GRACE A. & C. EARL	0.61000
107	1070B0500000124	MUTH, RICHARD E & SHELLEY M	2.66000 Brady Township
107	1070B050000016.1	NEEPER, LEONARD S. & ESTHER M.	1.31000 Brady Township
107	1070C0500000082	NEW SALEM CEMETERY	5.11000
107	1070C0500000083	NEW SALEM M. E. CHURCH	0.00000 Brady Township
128	1280C0400000169	NIDO, JAY & MARY JO	5.00000
107	1070B0500000095	NIGHTINGALE, NORMAN A. &	3.60000 Brady Township
107	1070C0500000045	NORRIS, JAMES & KIM	2.92000 Brady Township & 1 water well (unknown)
107	1070C050000039.2	NULL LIVING TRUST	1.00000
128	1280B0500000020	OMAN, ANNA MAE	16.57000 Brady Township
128	1280B0500000177	OMAN, LLOYD C. & ANNA MAE	6.35000
107	1070C0500000086	PANIGHETTI, JOHN A JR &	0.83300 Brady Township
128	1280B0500000048	PEARCE, RUTH	6.50000
128	1280B0500000025	PELLA, MATTHEW & WENDY	2.00000 Brady Township
128	1280B0400000141	PEOPLES, HARRY ARTHUR &	4.53200 2 water wells (230 feet)
128	1280B0400000020	PETTENATI, ALAN P & VICKY L	13.48300 1 water well (280 feet)
107	1070C0500000077	PISANESCHI, ROBERT	0.00000 2 water wells (unknown)
107	1070C0400000018	PLATT, RICHARD & BARBARA	1.00000 water well
107	1070B0500000056	PLYLER, JANET & JAMES	0.85000 2 water wells (380 feet & 200 feet)
107	1070B0500000092	PLYLER, JANET L & JAMES H	7.46000
107	1070B0500000063	POWERS, RANDELL T. & VALERIE J	1.00000 1 water well (90 feet)
107	1070C0500000063	RADAKER, LINDA L. & LYNNWOOD A.	1.00000 Brady Township
107	1070C0500000066	RADAKER, LYNNWOOD & LINDA L	0.50000

Water Sources in One Mile Radius
 107 water wells identified in a one mile radius

107	1070C050000066.1	RADAKER, LYNWOOD A &	0.50000
107	1070C0500000062	RADAKER, LYNWOOD A & LINDA L	0.45000
107	1070B0500000013	RANDOLPH, JAMES F. & CATHERINE	20.00000 Brady Township
128	1280B0500000063	REED, SHELIA A	3.00000
107	1070C050000039.3	RICE, CHARLES W & RETA J	0.93000 Brady Township
107	1070C050000053.1	RICHARDSON, PATRICK R & THEA A	2.30000 Brady Township
107	1070B0500000031	RICHMOND, ROBERT A & MARIAN P	2.00000
128	1280B0400000144	ROYER, GERALD M	4.97900 water well
128	1280B050000034.1	ROYER, GERALD M	0.91000 Brady Township
128	1280B0500000047	ROYER, GERALD M	1.89000
107	1070B0500000016	RYALS, ROYCE A.	15.79000 Brady Township
128	1280B0500000081	SAYERS, LEE A. &	1.50000 Sandy Township
107	1070C05000011.5	SCHAFFER, LISA S	1.77000
107	1070B0500000027	SCHALL, RAYMOND EUGENE &	13.64000
107	1070C0500000095	SCHLODER, CLARENCE WILLIAM JR.	1.00000
107	1070C0500000080	SCOTT, THOMAS K	0.50000
128	1280B0500000175	SCULL, STEVEN J. & ROBIN M.	3.39000 Brady Township
107	1070B05000022.1	SHAFER, DOROTHY	0.36000
107	1070C0500000048	SHAFER, ROBERT D	5.90000 Brady Township
107	1070C05000018.1	SHAFFER, CHARLES E. & CLAUDIA	108.07000 Brady Township
107	1070C0500000159	SHAFFER, DALE E. & WANDA LEE	0.66000 Brady Township
107	1070B0500000022	SHAFFER, ELMER & VERA	1.05000 Brady Township
107	1070C0500000018	SHAFFER, GARY B.	0.46000 Brady Township
128	1280C04000000002	SHAFFER, MILDRED M &	1.71000 water well
128	1280B04000000036	SHANNON, KEVIN L	48.18000
107	1070C0500000070	SHEETS, JOHN E JR & SUE A	2.23900 Brady Township
128	1280B04000020.1	SHEPLER, CLAIR J. & MONA L.	1.00000 water well
107	1070C0500000180	SHEPLER, JAMES WALTER &	1.00000 Brady Township
107	1070C0500000087	SHIFTER, JEAN M	0.65000
107	1070B05000000088	SHILALA, KELLY J	2.13700
107	1070B0500000120	SHILALA, KELLY J	2.19700 Brady Township
107	1070C04000000006	SHOBERT, SCOTT D & MELISSA G	0.64000 water well
107	1070C0500000202	SIPLE, BECKY LYNN	0.80000 Brady Township
107	1070C05000000085	SIPLE, PAUL A. & DOROTHY	0.59000 Brady Township

Water Sources . ne Mile Radius
107 water wells identified in a one mile radius

107	1070C0500000145	SMITH, AUDREY M	1.72000	Brady Township
128	1280B0500000021	SNEDDON, DENNIS E	2.25000	
128	1280C0400000007	SNYDER, WILLIAM D	63.19000	water well
128	1280C0400000006	SPAFFORD, MICHELLE	40.07000	1 water well (165 feet)
128	1280B0500000083	SPILMAN, WAYNE R & PAULA G	2.04700	Brady Township
128	1280B0400000108	STANKAVICH, GLORIA JEAN	1.99000	water well
128	1280B0500000072	STEINBEISER, ROBERT L.	1.23000	water well
128	1280B0400000149	STEVENS, EDWARD C & KELLY E	3.00000	water well
128	1280B0400000139	STEVENS, EDWARD C & KELLY E	8.00000	
107	1070B0500000091	STEWART, ROBERT M. & EDITH M.	5.80000	1 water well (220 feet)
128	1280B05000046.1	STOLTZ REALTY PARTNERSHIP	3.37000	Township water
128	1280B0500000064	STOLTZ REALTY PARTNERSHIP	0.59000	
107	1070C0500000044	SWATSWORTH, WILLIAM J. &	1.00000	Brady Township
107	1070C05000081.1	SWATSWORTH, WILLIAM O. &	1.01000	
107	1070C0500000096	SWEESY, PATRICIA E. ET AL	11.95000	Brady Township
107	1070C050000096.1	SWEESY, PATRICIA E. ET AL	4.67000	
107	1070C0500000010	TAGALA, PRAXIDIO & REBECCA S.	103.99000	
128	1280B0500000080	TAYLOR, JOSEPH R. &	2.00000	Brady Township
107	1070C0400000019	TOBIN, JON E & CARRIE A	0.93000	water well
128	1280B05000046.2	UNITED ASSOCIATION PLUMBERS	0.98000	
107	1070B0500000034	UTZINGER, WILLIAM & PHYLLIS A.	1.00000	Brady Township
107	1070C0500000007	VALIGORSKY, P JOSEPH II &	86.00000	
107	1070B0500000067	VANTILBURG, ROSEMARY	0.50000	1 water well (175 -190 feet)
107	1070C0500000191	VIDA, JAMES V & CHERYL L	82.55000	1 water well (300 feet)
107	1070B0500000037	VOS, JOHN C. SR. &	1.61000	Brady Township
128	1280B0500000049	WADDING, BYRON W. & JOAN R.	0.87000	Brady Township
107	1070B0500000110	WALBURN, DOROTHY COWAN	1.79000	Brady Township
107	1070B0500000030	WALBURN, DOROTHY COWAN	1.22000	
107	1070C0500000091	WAYLAND, JAMES H & ELLEN B	0.54000	Brady Township
128	1280B0500000050	WAYLAND, JAMES H & ELLEN B	1.55000	
107	1070C0500000081	WAYLAND, JAMES H & ELLEN B	11.84000	
128	1280B04000020.2	WEIBLE, ANTHONY M	1.00000	water well
107	1070C05000012.1	WEIR, ROBERT J	1.00000	water well
107	1070C0500000106	WELDER, JOHN (deceased) & LILLIAN	2.00000	water well

Water Sources in One Mile Radius
 107 water wells identified in a one mile radius

107	1070C0500000194	WELLS, BRIAN K	7.72000	Brady Township
107	1070C0500000203	WELLS, DONALD E & LINDA A	23.94600	water well
107	1070C0500000148	WELLS, DONALD EDWARD &	4.05000	
107	1070C050000039.1	WELLS, HOMER L. & SHIRLEY J.	1.00000	Brady Township & 1 water well (110 feet)
107	1070C0500000170	WELLS, KEITH G & GALE L	1.88000	Brady Township
107	1070C0500000144	WELLS, KEITH G ET AL	0.39000	
107	1070C0500000138	WELLS, KEITH G ET AL	0.20000	
107	1070C050000039.5	WELLS, KEITH G ET AL	9.40000	
107	1070C0500000039	WELLS, KEITH G ET AL	13.26000	
107	1070B0500000085	WELLS, RICHARD L. & SHIRLEY J.	1.00000	water well
107	1070B0500000103	WELLS, ROBERT B. & PAULINE E.	1.00000	Brady Township
107	1070C04000000031	WELLS, ROBERT W	1.33000	water well
107	1070C04000000014	WELLS, ROBERT W	5.92000	
107	1070C05000000011	WEST, ADAM G & MELISSA A	26.23000	water well
107	1070C05000000090	WHITAKER, FLORENCE A	0.33000	Brady Township
128	1280B04000000051	WICK, KERRY L.	12.92000	Brady Township
107	1070C05000000112	WILLIAMS, CHARLES F &	1.70000	Brady Township
128	1280C04000000003	WILLIAMS, EDITH L.	12.69000	water well
128	1280B05000000037	WILSON, GEORGE L. & JANE C.	9.00000	Township water
128	1280B04000000148	WILSON, GREGORY J &	8.93650	water well
107	1070C05000000195	WOODS, LON S.	26.30000	
107	1070C05000000200	YARGER, DALE EUGENE & KELLY J	1.14000	Brady Township
107	1070C05000000042	YOUNG, RAYMOND C	1.35000	Brady Township
107	1070C050000042.1	YOUNG, RAYMOND C & BARBARA J	1.97000	
107	1070C05000000151	YOUNG, RAYMOND C.	1.68000	
128	1280C04000000060	YOUNT, CAROLYN A. &	17.74000	
128	1280B050000019.2	YUSNUKIS, ALBERT M & DIANNA	10.00000	Brady Township
128	1280B05000000019	YUSNUKIS, ALBERT M. & DIANNA	130.90000	
128	1280B050000034.3	ZEITLER, JOSEPH P JR &	2.21000	Brady Township
107	1070C05000000110	ZELMAN, FRANK & SUSAN	19.87000	water well
107	1070C05000000043	ZUCCOLOTTO, WILLIAM J. &	2.00000	Brady Township
		PETERSON, IRENE		1 water well (100 feet)
		BARR, DONALD		2 water wells (210 feet & 110 feet)
		HEBERLING, DOUG & DEB		2 water wells (200 feet)

Water Sources - One Mile Radius

107 water wells identified in a one mile radius

**FOX, CHRISTY
SMITH, TRAVIS & JILL
NELSON, MAXINE
RISHEL, WADE**

107 water wells in one mile radius; 109 water wells submitted

370 properties

well over 800 Brady Township water customers

DuBois City Water

1 water well (156 feet)

1 water well (125 feet)

1 water well (215 feet)

outside 1 π

outside 1 π

Halliburtoon Loophole

Energy Policy Act of 2005---“Halliburton Loophole” Designation of Frack Flowback as Non-Hazardous Waste

If frack flowback wasn't designated as non-hazardous waste, it would have to be injected into a Class I injection well instead of a Class II injection well. The Area of Review for a Class I injection well is 2 miles, whereas the Area of Review for a Class II injection well is 1/4 mile. (See caption below picture.)

Identification and Listing of Hazardous Waste

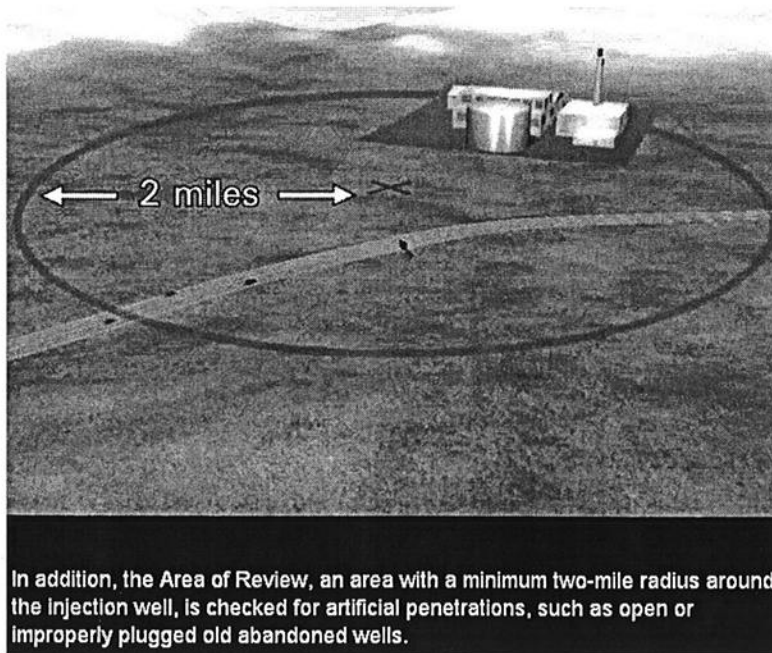
40 CFR §261.4(b): Exclusions: Solid Wastes which are Not Hazardous Wastes.

§261.4(b)(5) Oil, Gas, and Geothermal Wastes (Bentsen Amendment)

(5) Drilling fluids, produced waters, and other wastes associated with the exploration, development, or production of crude oil, natural gas or geothermal energy.

Bentsen Amendment explained:

Wastes generated during the exploration, development, and production of crude oil, natural gas, and geothermal energy are categorized by EPA as "special wastes" and are exempt from federal hazardous waste regulations under Subtitle C of the Resource Conservation and Recovery Act (RCRA).



In addition, the Area of Review, an area with a minimum two-mile radius around the injection well, is checked for artificial penetrations, such as open or improperly plugged old abandoned wells.

This 2-mile circle is the Area of Review for Class 1 injection wells.

This picture is from “New Class I Well Animation”

http://water.epa.gov/type/groundwater/uic/wells_class1.cfm

Definitive Boundaries