

**Attachment "C"**  
**Corrective Action Plan and Well Data**  
**Zelman #1 Injection Well**

The following research has indicated that no wells; active, inactive, plugged or abandoned are located within the area of review that penetrate the injection zone:

- (1) Research of PA DEP Bureau of Oil & Gas well records conducted by Windfall Oil & Gas Inc.
- (2) A survey conducted by Alexander Surveying; registered professional surveyors.
- (3) Contact with surface landowners by Windfall Oil & Gas personnel.

Note: Well permit number 37-033-20597 is within the area of review; However, it does not penetrate the injection zone. Well Data is tabulated below and the state completion report is included in this attachment.

Permit #	Type	Construction	Date Drilled	Location	Depth	Completion
37-033-20597	gas	rotary	6/18/1976	460SW	3576	cased hole

Furthermore, if in the event that any well(s) is discovered within the area of review after the injection permit is obtained, Windfall Oil & Gas Inc. assumes the responsibility to plug and abandon that well(s) in accordance with the E.P.A. and Pennsylvania DEP specifications.

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
DIVISION OF OIL AND GAS  
PITTSBURGH, PENNSYLVANIA 15222

OFFICE USE ONLY



950'S 41° 05' 00"  
11000'W 78° 45' 00"  
LUTHERSBURG (M)

Salem Pool WELL RECORD

150

PERMIT NO. CLE-20597

PROJECT NO.

TYPE OF WELL (Gas Production)

81

WELL OPERATOR Consolidated Gas Supply Corp. TELEPHONE NO. 304-623-3611

ADDRESS 445 West Main St., Clarksburg, WV. ZIP 26301

FARM NAME DuBois Deposit National Bank FARM NO. 3 SERIAL NO. WN-1504 ACRES 172

TOWNSHIP Brady COUNTY Clearfield

DRILLING COMMENCED 6-18-76 DRILLING COMPLETED 6-24-76

ELEVATION 1672' QUADRANGLE PENFIELD  7 1/2'  15'

CASING AND TUBING RECORD

Pipe Size	Amount In Well	Material Behind Pipe Cement (Sks.)	Pipe Gel (Sks.)	Packer Type	Size	Depth	Date Run						
11 3/4	309	185 to surface		Guide	11 3/4	307 G.L.	6-19-76						
8 5/8	1207	290 to surface		Guide	8 5/8	1200 G.L.	6-22-76						
4 1/2	3547	275		Float	4 1/2	3526 K.B.	6-25-76						
<table border="1"> <tr> <td>3576</td> <td>3412</td> <td>D</td> <td>X</td> <td>G</td> <td>Lease</td> </tr> </table>								3576	3412	D	X	G	Lease
3576	3412	D	X	G	Lease								
B. measurement 11' above G.L.													

Perforation Record

Stimulation Record

Date	Interval Perforated From	To	Date	Interval Treated	Amount Fluid	Amount Sand	Injection Rate
7-9-76	2587	2595	7-9-76	2587-95	400 bbl.	20,000#	
7-9-76	2812	2817	7-9-76	2812-17	400 bbl.	20,000#	
7-9-76	2943	2993	7-9-76	2943-93	400 bbl.	20,000#	
7-9-76	3402	3412	7-9-76	3402-12	400 bbl.	20,000#	

NATURAL OPEN FLOW N.T. NATURAL ROCK PRESSURE N.T. hrs. days

AFTER TREATMENT OPEN FLOW MCF 581 ~~200~~ AFTER TREATMENT ROCK PRESSURE 1180# 16 days

REMARKS:

RECEIVED

AUG 31 1976

PA. GEOLOGIC SURVEY  
Oil & Gas Division

*(Handwritten initials)*

*(Handwritten signature)*

FORMATION ON REVERSE SIDE

FORMATIONS

NAME	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (Salt Water)	SOURCE OF DATA
Sand & Shale	0	420				
Sand & Shale	420	655			FM-100	1" Stream
Sand & Shale	655	825			FM-420	1" Stream
Red Rock	825	850			FM-750	1" Stream
Sand & Shale	850	1370				
Red Rock	1370	1410				
Sandy Shale	1410	1800				
Red Rock	1800	1850				
Shale	1850	1870				
Red Rock	1870	1890				
Sandy Shale	1890	2400				
Red Rock	2400	2460				
Sand & Shale	2460	3565	2670 (Show)			
Total Depth	3565					
<u>Gamma Ray Log Tops</u>						
Speechley Stray	2547	2599				
Speechley	2605	2672				
Flona	2683	2724				
Balltown	2755	2864				
Sherrifield	2864	2998				
1st. Brad.	3060	3154				
2nd. Brad.	3166	3234				
3rd. Brad.	3257	3276				
Kane	3400	3465				
T.D. Log	3576					



Date August 16, 1976

APPROVED Consolidated Gas Supply Corp.

By [Signature]  
 Title [Signature]  
 Manager of Production

04-07-2-56

11,00

Longitude 75-42-15

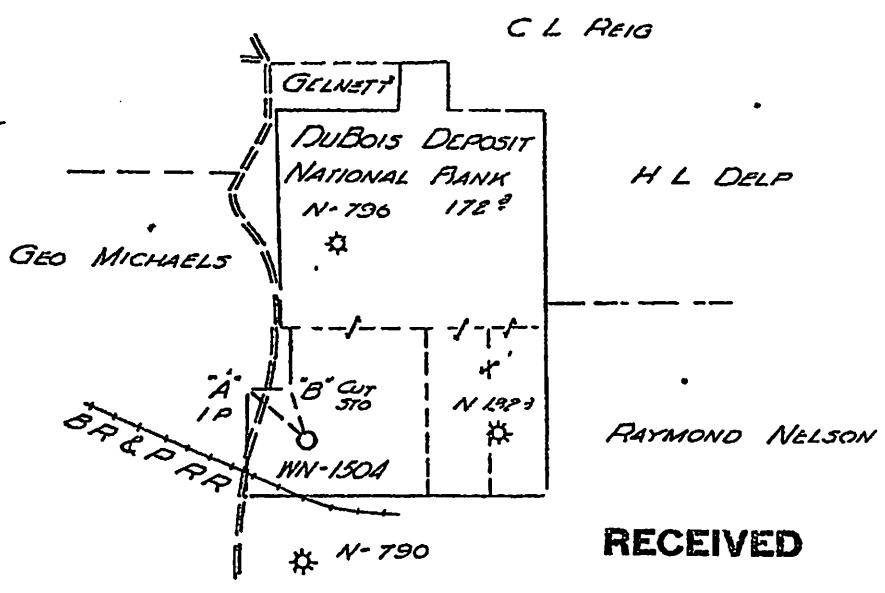
District 1-24 Map 1-17-1 N. S. 1 B. 11  
Loc. H. do 3-3 Pg. 3 Pl. Hk. 3 Pg. 32

Latitude 41 13

Approved \_\_\_\_\_ Date \_\_\_\_\_

A - B EAST 360'  
A - WN 1504 519° 21' E - 669'  
B - WN 1504 518° 38' E - 460'

NOTE ALL BEARINGS CORRECTED TO PROPERTY DESCRIPTION



JOHN POTTER

RECEIVED

APR 1 1976

PA GEO LOGIC SURVEY  
Oil & Gas Division

- New Location
- Drill Deeper
- Abandonment
- Repairs

3600

Company CONSOLIDATED GAS SUPPLY CORP  
 Address 115 W MAIN ST - CARLEBURG, W VA  
 Farm DUBOIS DEPOSIT NAT'L BANK  
 Tract \_\_\_\_\_ Acres 1.72 Lease No. 60986  
 Well(Farm)No. 3 Co. Serial No. WN-1504  
 Angle of Deviation, if any \_\_\_\_\_  
 Elevation 1572' Quadrangle L1-58581-77  
 County CARFIELD Township BRADY  
 Engineer [Signature]  
 Engineer's Registration No. 010961-E  
 File No. \_\_\_\_\_ Drawing No. KCF 22119  
 Date FEB 23 1976 Scale 1" = 320'

COMMONWEALTH OF PENNSYLVANIA  
 DEPARTMENT OF MINES  
 3-22-76  
 Oil and Gas Division  
 HARRISBURG  
 WELL LOCATION MAP  
 Dept. File No. CLE-20597  
 ⊕ Denotes Values of Well on United States Topographic Maps.  
 Scale 15'  71'   
 WORKABLE COAL SEAMS TO BE PENETRATED  
 Name of Seam \_\_\_\_\_ Owner of Seam \_\_\_\_\_

**Attachment "B"**  
**Maps of Wells/Area of Review**

Please find in this section the survey platte designating the area of review along with a list of landowners of record within the area of review. Additional information related to this section can be found in the Hydrology report in Attachment "B-D"



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Oil and Gas Management Program  
WELL LOCATION PLAT

DEP USE ONLY	DEP Application Tracking #	G:
	Permit #	C:
	Project #	

Denotes location of well on topo map.

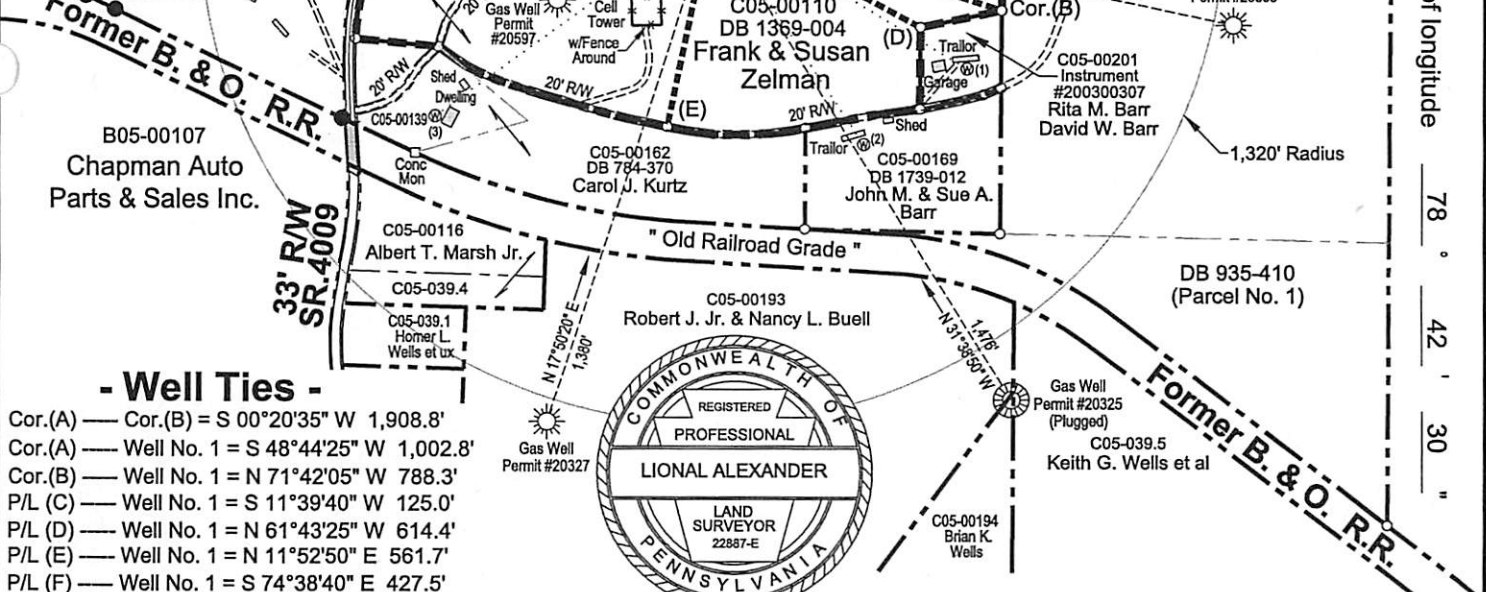
True Latitude: NORTH  
**41° 04' 55.00"**

True Longitude: WEST  
**78° 44' 48.95"**

Well is located on topo map 506 feet south of latitude 41° 05' 00"

Well is located on topo map 10,640 feet west of longitude 78° 42' 30"

- Water Supply of Surface Owner or Water Purveyor within 1,000' (Continued)
- (5) = Dennis R. & Terry Marsh N 81°54' W 716' ± - Well
  - (6) = Theodore J. & Rona C. Cryster N 79°32' W 884' ± - Well
  - (7) = Rosemary Vantilburg N 68°56' W 659' ± - Well
  - (8) = Emily A. Hulbert N 55°35' W 767' ± - Well
  - (9) = Monica A. Lockhart N 51°33' W 904' ± - Well
  - (10) = Robert L. Edmiston et al N 42°13' W 938' ± - Well
  - (11) = Able E. & Helen D. Jenny N 36°17' W 994' ± - Well
  - (12) = Randal L. Baird et ux N 38°21' W 832' ± - Well
  - (13) = Randal T. Powers et ux N 25°02' W 969' ± - Well
  - (14) = Richard & Marianne Atkinson N 07°06' E 971' ± - Well



- Well Ties -**
- Cor.(A) — Cor.(B) = S 00°20'35" W 1,908.8'
  - Cor.(A) — Well No. 1 = S 48°44'25" W 1,002.8'
  - Cor.(B) — Well No. 1 = N 71°42'05" W 788.3'
  - P/L (C) — Well No. 1 = S 11°39'40" W 125.0'
  - P/L (D) — Well No. 1 = N 61°43'25" W 614.4'
  - P/L (E) — Well No. 1 = N 11°52'50" E 561.7'
  - P/L (F) — Well No. 1 = S 74°38'40" E 427.5'

Surveyor or Engineer: **Lionel Alexander** Phone #: (814) 371-5578  
 Dwg. #: **JN336411 Well 1 Plat** Date: **November 17, 2011** Scale: **1" = 500'** Tract Acreage: **23.8 Acres**

Lat. & Long Metadata Method: GPS Accuracy: Submeter ft. Datum: NAD 83		Elevation Metadata Method: Topo Accuracy: 10' ± ft. Datum: NVGD 88		Survey Date: June 15, 2011	
Applicant / Well Operator Name: <b>Windfall Oil &amp; Gas</b> DEP ID#: <b>244615</b>		Well(Farm) Name: <b>Frank &amp; Susan Zelman</b> Well #: <b>1</b>		Serial #: <b></b>	
Address: <b>63 Hill Street, Falls Creek, Pa. 15840</b>		County - Code: <b>Clearfield - 17</b> Municipality: <b>Brady Township</b>		Well Type: <b>Gas</b>	
Surface Landowner / Lessor: <b>Frank &amp; Susan Zelman</b>		USGS 7 1/2 Quadrangle Map Name: <b>Luthersburg</b> Map Section: <b>4</b>		Surface Elevation: <b>1697 ft.</b>	
Target Formation(s): <b>Chert / Oriskany</b>		Angle & Course of Deviation (Drilling): <b>Vertical</b>		Anticipated Total Depth: <b>TVD 7,500' TMD 7,500'</b>	
Surface Owner or Water Purveyor with a Water Supply within 1,000 ft.		Owner, Lessee, or Operator of Workable Coal Seam		Name of Coal Seam Owned, Leased, or Operated	
(1) = Rita M. & David W. Barr		S 58°54' E 772' ± - Well			
(2) = John M. & Sue A. Barr		S 33°39' E 715' ± - Well			
(3) = Carol J. Kurtz		S 53°38' W 881' ± - Well			
(4) = Frank & Susan Zelman		S 80°21' W 826' ± - Well			

# Property Owner's List within a 1,320 Foot Radius of the Proposed Disposal / Injection Well

1070-C05-000-00110 Frank & Susan Zelman 1431 Highland Street Ext. DuBois, Pa. 15801	1070-C05-000-014.1 Richard Lee & Marianne Atkinson 221 Deer Lane DuBois, Pa. 15801	1070-B05-000-060.1 Abel E. & Helen D. Jenny 1252 Highland Street Ext. DuBois, Pa. 15801
1070-C05-000-00139 Carol J. Kurtz 1072 Tower Lane DuBois, Pa. 15801	1070-C05-000-00184 Dennis R. & Terry L. Marsh 1379 Highland Street Ext. DuBois, Pa. 15801	1070-B05-000-00068 Abel E. & Helen D. Jenny 1252 Highland Street Ext. DuBois, Pa. 15801
1070-C05-000-00162 Carol J. Kurtz 1072 Tower Lane DuBois, Pa. 15801	1070-C05-000-110.1 Dennis R. & Terry L. Marsh 1379 Highland Street Ext. DuBois, Pa. 15801	1070-B05-000-00091 Robert M. & Edith M. Stewart 115 Robin Lane DuBois, Pa. 15801
1070-C05-000-00169 John M. & Sue A. Barr 1268 Tower Lane DuBois, Pa. 15801	1070-C05-000-00163 Dennis R. & Terry L. Marsh 1379 Highland Street Ext. DuBois, Pa. 15801	1070-B05-000-00061 Robert L. Edmiston Debra K. Reasinger P.O. Box 1051 DuBois, Pa. 15801
1070-C05-000-00201 Rita M. & David W. Barr 1317 Tower Lane DuBois, Pa. 15801	1070-B05-000-00067 Rosemary Vantilburg c/o Rosemary Frizzell 1359 Highland Street Ext. DuBois, Pa. 15801	1070-B05-000-00062 Monica A. Lockhart c/o Monica Kutsel 1298 Highland Street Ext. DuBois, Pa. 15801
1070-C05-000-00124 Dorothy J. Mennitti 303 4th Street Reynoldsville, Pa. 15851	1070-B05-000-00064 Emily A. Hulburt 1317 Highland Street Ext. DuBois, Pa. 15801	1070-B05-000-00082 Theodore J. & Rona C. Crytser 1500 Highland Street Ext. DuBois, Pa. 15801
1070-C05-000-039.5 Keith G. Wells et al 121 Potter Lane DuBois, Pa. 15801	1070-B05-000-00065 Violet Mae Marsh 1317 Highland Street Ext. DuBois, Pa. 15801	1070-B05-000-00080 Theodore J. & Rona C. Crytser 1500 Highland Street Ext. DuBois, Pa. 15801
1070-C05-000-00193 Robert J. Jr. & Nancy L. Bell Buell Family Revocable Trust 29 Buell Road Curwensville, Pa. 16833	1070-B05-000-064.1 Randall R. & Joanne Baird 1273 Highland Street Ext. DuBois, Pa. 15801	1070-B05-000-027.1 Theodore J. & Rona C. Crytser 1500 Highland Street Ext. DuBois, Pa. 15801
1070-C05-000-00116 Albert T. Jr. & Barbara A. Marsh 1583 Highland Street Ext. DuBois, Pa. 15801	1070-B05-000-00063 Randell T. & Valerie J. Powers 1235 Highland Street Ext. DuBois, Pa. 15801	1070-B05-000-00107 Chapman Auto Parts & Sales Inc. 2608 Carson Hill Road DuBois, Pa. 15801
1070-C05-000-039.4 Albert T. Jr. & Barbara A. Marsh 1583 Highland Street Ext. DuBois, Pa. 15801	1070-B05-000-058.1 Ronald H. & Joyce Greathouse 1197 Highland Street Ext. DuBois, Pa. 15801	
1070-C05-000-039.1 Homer L. & Shirley J. Wells 1625 Highland Street Ext. DuBois, Pa. 15801	1070-B05-000-059.2 Robert D. & Ethel M. Marshall 1154 Highland Street Ext. DuBois, Pa. 15801	
1070-C05-000-00164 Century - TCI California, LP Attn: Property Tax Dept. P.O. Box 173838 Denver Co. 80217	1070-B05-000-00060 Richard L. & Nora A. Jenny Trustees, Jenney Family Trust 1222 Highland Street Ext. DuBois, Pa. 15801	