Name of Respondent	This Report Is:	Date of Report (Mo, Da, Yr)	Year/Period of Report
ANR Pipeline Company	(1) [X] An Original (2) [ ] A Resubmission	/ /	End of 2014/Q4

Compressor Stations

1. Report below details concerning compressor stations. Use the following subheadings: field compressor stations, products extraction compressor stations, underground storage compressor stations, transmission compressor stations, distribution compressor stations, and other compressor stations.

2. For column (a), indicate the production areas where such stations are used. Group relatively small field compressor stations by production areas. Show the number of stations grouped. Identify any station held under a title other than full ownership. State in a footnote the name of owner or co-owner, the nature of respondent's title, and percent of ownership if jointly owned.

Line No.	Name of Station and Location (a)	Number of Units at Station (b)	Certificated Horsepower for Each Station (c)	Plant Cost (d)
1	TRANSMISSION COMPRESSOR STATIONS:			
2	Transmission: New Windsor, IL	8	13,100	17,485,503
3	Transmission: Sandwich, IL	5	22,190	47,590,889
4	Transmission: Woodstock, IL	7	38,546	47,155,823
5	Transmission: Celestine, IN	8	30,687	21,493,163
6	Transmission: LaGrange, IN	3	23,000	12,389,923
7	Transmission: Portland, IN	9	34,880	19,372,482
8	Transmission: St. John, IN	7	32,200	38,443,545
9	Transmission: Shelbyville, IN	9	32,990	37,911,350
10	Transmission: Sulphur Springs, IN	2	5,700	19,519,140
11	Transmission: Birmingham, IA	8	13,100	19,968,939
12	Transmission: Lineville, IA	9	13,410	22,755,701
13	Transmission: Alden, KS	9	13,410	14,796,735
14	Transmission: Greensburg/Buttermilk, KS	10	16,940	17,000,987
15	Transmission: Enterprise, KS	9	13,410	14,552,393
16	Transmission: Havensville, KS	2	14,700	18,212,000
17	Transmission: Meade, KS	9	13,240	13,274,977
18	Transmission: Madisonville, KY	8	36,333	28,967,834
19	Transmission: Delhi, LA	8	31,900	30,911,517
20	Transmission: Grand Chenier, LA	2	13,990	25,833,229
21	Transmission: Jena, LA	7	32,330	13,867,759
22	Transmission: Lake Arthur, LA	2	2,300	2,439,901
23	Transmission: Eunice, LA (N Tepetate)	2	24,000	33,830,743
24	Transmission: Patterson, LA	5	25,490	28,786,581
25	Transmission: Bridgman, MI	9	22,750	22,059,380

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Compressor Stations (continued)

Line No.	Name of Station and Location (a)	Number of Units at Station (b)	Certificated Horsepower for Each Station (c)	Plant Cost (d)
1	Transmission: Hamilton, MI	10	40,316	20,760,842
2	Transmission: Greenville, MS	8	30,830	18,104,950
3	Transmission: Sardis, MS	7	31,920	31,586,055
4	Transmission: Maitland, MO	8	13,100	19,027,735
5	Transmission: Defiance, OH	10	36,963	39,796,037
6	Transmission: Custer, OK	6	7,734	16,131,926
7	Transmission: Mooreland/Lenora OK	2	17,226	12,522,329
8	Transmission: Transok, OK	1	720	36,698
9	Transmission: Brownsville, TN	8	31,933	23,918,412
10	Transmission: Cottage Grove, TN	8	30,830	20,769,706
11	Transmission: E.G. Hill (Guymon), TX	11	27,500	35,580,744
12	Transmission: Gageby Creek, TX	2	7,012	6,716,449
13	Transmission: Goodman, WI	2	20,620	28,371,334
14	Transmission: Janesville, WI	3	5,370	13,321,277
15	Transmission: Kewaskum, WI	6	7,589	16,032,319
16	Transmission: Marshfield, WI	6	12,480	12,173,665
17	Transmission: Mountain, WI	2	22,100	19,822,246
18	Transmission: Weyauwega, WI	2	2,580	5,670,579
19	Transmission: Weyauwega, WI (Electric)	1	6,000	12,479,763
20	Transmission: Stevens Point	1	6,483	27,292,822
21	Transmission: Other			
22	Subtotal	261	879,902	948,736,382
23				
24	UNDERGROUND STORAGE COMPRESSOR STATIONS:			
25	Underground storage: Central Charlton, MI	2	8,000	28,834,757

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Compressor Stations (continued)

Line No.	Name of Station and Location	Number of Units at Station	Certificated Horsepower for Each Station	Plant Cost
	(a)	(b)	(c)	(d)
1	Underground storage: Goodwell, MI (See footnote)	2	15,000	27,919,496
2	Underground storage: Lincoln, MI (See footnote)	3	14,033	27,587,929
3	Underground storage: Muttonville, MI	2	6,400	7,681,900
4	Underground storage: Loreed (Reed City), MI (See footnote)	9	17,920	8,977,084
5	Underground storage: South Chester, MI	2	7,200	20,887,291
6	Underground storage: Winfield, MI	3	4,500	4,382,532
7	Underground storage: Woolfolk, MI (See footnote)	17	44,280	36,235,805
8	Underground storage: Cold Springs 1 (Electric)	1	7,000	64,276,759
9	Underground storage: Other			
10	Subtotal	41	124,333	226,783,553
11				
12	OTHER COMPRESSOR STATIONS (Interconnects):			
13	Other: Joliet, IL	2	5,069	5,797,742
14	Subtotal	2	5,069	5,797,742
15				
16	TOTAL COMPRESSOR STATIONS	304	1,009,304	1,181,317,677
17				
18				
19				
20				
21				
22				
23				
24				
25				

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FOOTNOTE DATA

Schedule Page: 508.1 Line No.: 24 Column: a

Page 508.1 Underground Storage Compressor Stations: Goodwell, Lincoln, Loreed & Woolfolk represent leased facilities. Plant costs for these facilities represent Respondent's investment in the compressor stations.

Pipeline Removal Costs - T & R Pipeline Services Estimated Costs

	36"		34"		30"		26"		24"		22"		20"	
	$/ft	$/mile	$/ft	$/mile	$/ft	$/mile	$/ft	$/mile	$/ft	$/mile	$/ft	$/mile	$/ft	$/mile
Prepare ROW (50 ft Width) (Standard Maintained ROW)	$20.49	$108,182	$16.39	$86,546	$13.11	$69,237	$10.49	$55,389	$8.39	$44,312	$6.71	$35,449	$5.37	$28,359
Excavate Over Pipe (Double Ditching)	$18.63	$98,348	$14.90	$78,678	$11.92	$62,943	$9.54	$50,354	$7.63	$40,283	$6.10	$32,227	$4.88	$25,781
Remove Existing Pipe, Cut 40' Lengths,Haul and Stack (Laydown Yard & Freight 10 miles or less from job) (Road Crossings & Encroachments Capped & Slurry)	$16.76	$88,513	$13.41	$70,810	$10.73	$56,648	$8.58	$45,319	$6.87	$36,255	$5.49	$29,004	$4.39	$23,203
Backfill (Backfill might not be needed on smaller OD sizes) and Cleanup	$12.29	$64,909	$9.83	$51,928	$7.87	$41,542	$6.29	$33,234	$5.04	$26,587	$4.03	$21,270	$3.22	$17,016
Contractor Mob/Demob & Other Misc Field Costs	$13.04	$68,843	$10.43	$55,075	$8.34	$44,060	$6.68	$35,248	$5.34	$28,198	$4.27	$22,559	$3.42	$18,047
Sub-Total	$81.21	$428,796	$64.97	$343,037	$51.98	$274,429	$41.58	$219,543	$33.26	$175,635	$26.61	$140,508	$21.29	$112,406
ROW Restoration	$28.31	$149,488	$22.65	$119,591	$18.12	$95,673	$14.50	$76,538	$11.60	$61,230	$9.28	$48,984	$7.42	$39,188
Environmental/Monitoring + (Asbestos Abatement (Pipe Coating))	$13.04	$68,843	$10.43	$55,075	$8.34	$44,060	$6.68	$35,248	$5.34	$28,198	$4.27	$22,559	$3.42	$18,047
Landowner Damages	$1.86	$9,835	$1.49	$7,868	$1.19	$6,294	$0.95	$5,035	$0.76	$4,028	$0.61	$3,223	$0.49	$2,578
Total	$122.56	$647,128	$98.05	$517,702	$78.44	$414,162	$62.75	$331,329	$50.20	$265,063	$40.16	$212,051	$32.13	$169,641

18"		16"		14"		12 3/4"		10 3/4"		8 5/8"		6 5/8"		4 1/2"		3 1/2"		2 3/8"	
$/ft	$/mile	$/ft	$/mile	$/ft	$/mile	$/ft	$/mile	$/ft	$/mile	$/ft	$/mile	$/ft	$/mile	$/ft	$/mile	$/ft	$/mile	$/ft	$/mile
$4.30	$22,688	$3.44	$18,150	$3.27	$17,243	$3.10	$16,380	$2.95	$15,561	$2.80	$14,783	$2.66	$14,044	$2.53	$13,342	$2.40	$12,675	$2.28	$12,041
$3.91	$20,625	$3.13	$16,500	$2.97	$15,675	$2.82	$14,891	$2.68	$14,147	$2.55	$13,439	$2.42	$12,767	$2.30	$12,129	$2.18	$11,523	$2.07	$10,946
$3.52	$18,563	$2.81	$14,850	$2.67	$14,108	$2.54	$13,402	$2.41	$12,732	$2.29	$12,095	$2.18	$11,491	$2.07	$10,916	$1.96	$10,370	$1.87	$9,852
$2.58	$13,613	$2.06	$10,890	$1.96	$10,346	$1.86	$9,828	$1.77	$9,337	$1.68	$8,870	$1.60	$8,426	$1.52	$8,005	$1.44	$7,605	$1.37	$7,225
$2.73	$14,438	$2.19	$11,550	$2.08	$10,973	$1.97	$10,424	$1.88	$9,903	$1.78	$9,408	$1.69	$8,937	$1.61	$8,490	$1.53	$8,066	$1.45	$7,663
$17.03	$89,925	$13.63	$71,940	$12.94	$68,343	$12.30	$64,926	$11.68	$61,680	$11.10	$58,596	$10.54	$55,666	$10.02	$52,883	$9.51	$50,238	$9.04	$47,726
$5.94	$31,350	$4.75	$25,080	$4.51	$23,826	$4.29	$22,635	$4.07	$21,503	$3.87	$20,428	$3.68	$19,406	$3.49	$18,436	$3.32	$17,514	$3.15	$16,639
$2.73	$14,438	$2.19	$11,550	$2.08	$10,973	$1.97	$10,424	$1.88	$9,903	$1.78	$9,408	$1.69	$8,937	$1.61	$8,490	$1.53	$8,066	$1.45	$7,663
$0.39	$2,063	$0.31	$1,650	$0.30	$1,568	$0.28	$1,489	$0.27	$1,415	$0.25	$1,344	$0.24	$1,277	$0.23	$1,213	$0.22	$1,152	$0.21	$1,095
$25.70	$135,713	$20.56	$108,570	$19.53	$103,142	$18.56	$97,984	$17.63	$93,085	$16.75	$88,431	$15.91	$84,009	$15.12	$79,809	$14.36	$75,818	$13.64	$72,028

Pipe Size	Wall Thickness	#/ft	Tons/Mile	Expected Worse Case $50/ton	Expected Typical Case $125/ton	Expected Best Case $250/ton
36"	0.438	166	438.24	$21,912	$54,780	$109,560
34"	0.406	146	385.44	$19,272	$48,180	$96,360
30"	0.375	119	314.16	$15,708	$39,270	$78,540
26"	0.281	77	203.28	$10,164	$25,410	$25,410
24"	0.281	71	187.44	$9,372	$23,430	$46,860
22"	0.281	65	171.60	$8,580	$21,450	$21,450
20"	0.25	46	121.44	$6,072	$15,180	$30,360
18"	0.25	47	124.08	$6,204	$15,510	$31,020
16"	0.219	37	97.68	$4,884	$12,210	$24,420
14"	0.219	32.2	85.01	$4,250	$10,626	$10,626
12 3/4"	0.219	29.3	77.35	$3,868	$9,669	$19,338
10 3/4"	0.203	22.86	60.35	$3,018	$7,544	$15,088
8 5/8"	0.188	16.9	44.62	$2,231	$5,577	$11,154
6 5/8"	0.188	12.93	34.14	$1,707	$4,267	$8,534
4 1/2"	0.188	8.56	22.60	$1,130	$2,825	$5,650
3 1/2"	0.188	6.65	17.56	$878	$2,195	$4,389
2 3/8"	0.154	3.652	9.64	$482	$1,205	$2,410

Salvage values are most accurately determined by the pipe attributes
- OD pipe size
- Pipe wall thickness
- Grade of steel
- Pipe coating
- Year pipe was buried
- Lengths of pipe joints buried
- Pipe ends- screw collar, coupled, plain end
- ROW condition- creeks, farms, woods, pasture, road crossings
- Length of pipeline

T & R Pipeline Services, Inc. Removal Costs

PIPELINE SIZE	TOTAL MILES		REMOVAL COST PER MILE	SUB-TOTAL	PIPE VALUE PER MILE	T&R SALVAGE VALUE TYPICAL CASE	TOTAL
36 0/0"		2	$647,128	$1,294,255	$0	$109,560	$1,184,695
34 0/0"		2	$517,702	$1,035,404	$0	$96,360	$939,044
30 0/0		2	$414,162	$828,323	$0	$78,540	$749,783
26 0/0		2	$331,329	$662,659	$0	$50,820	$611,839
24 0/0		2	$265,063	$530,127	$0	$46,860	$483,267
22 0/0		2	$212,051	$424,102	$0	$42,900	$381,202
20 0/0		2	$169,641	$339,281	$0	$30,360	$308,921
18 0/0		2	$135,713	$271,425	$0	$31,020	$240,405
16 0/0		2	$108,570	$217,140	$0	$24,420	$192,720
14 0/0		2	$103,142	$206,283	$0	$21,252	$185,031
12 3/4		2	$97,984	$195,969	$0	$19,338	$176,631
10 3/4		2	$93,085	$186,170	$0	$15,088	$171,083
8 5/8		2	$88,431	$176,862	$0	$11,154	$165,708
6 5/8		2	$84,009	$168,019	$0	$8,534	$159,485
4 1/2		2	$79,809	$159,618	$0	$5,650	$153,968
3 1/2		2	$75,818	$151,637	$0	$4,389	$147,248
2 3/8		2	$72,028	$144,055	$0	$2,410	$141,645
		34		$6,991,329			$6,392,675
			10% reduction for looping	$6,292,196			$5,753,407
			75% of pipe removed	$4,719,147			$4,315,056