

Ward
COUNTY ROLLED SKETCH NO. 26
Area of Pecos River between H&CRR Sur 3 to 9 & H&CNR RR & Sur 80 to 101
SURVEYED Sept 1953 BY Cities Service Co.
19 mi South FILED 3-1-76

counter 49908

Pecos River
fr. SWC. 9 to NEC 101 = 62.535 Ac.

Course	Dist.	Cos.	+		Sin	-		DMD	N	S
			N	S		E	W			
Sec. 9			905					112	1014	
			3745					3461	129614	
				442				16559		73191
				878				28229		247851
				2809				35587		999639
				475				42296		200906
				883				44691		394621
				750				47576		356820
				2155				57560		1240418
				09				1242		6042
					1150			72625		835187
					2800			80159		2244452
					6229			86438		5384223
					416			90345		375835
					2175			92738		2017051
				1660			97462		1617869	
				1357			110274		1496418	
				1820			124503		2265955	
				1324			131379		1739458	
				2860			137384		3929182	
Sec. 8				1245			1753	142929		1779466
				2544			4326	149008		3790763
				1868			4338	157672		2945313
				941			3386	165396		1556376
				3006			4524	173306		5209578
				4294			885	178715		7674622
				3222				179134	466	5771697
				1443				178625	43	2577559
				366				3322		665769
					1030			2653		1935154
					3268			3785		6350279
					532			4339		1076986
				2307				8122		4957789
					1891			5915		4329236
					1944			7525		4711848
				2632			3489		6669304	
				2973			3569		7743208	
				1463			5963		3949851	
			725				10172		2074355	
				179			2598		2882933	
			947				2942			
				440			4581			1372584
				474			1574			1507822
				3658			3521			11822692

course 99469

Pecos River

Course	Dist.	Cos.	N	S	Sin	E	W	DMD	N	S
Sec. 8 Con't.			180	1301 795		3256 6365 4975		329978 338599 348939		4293014 2691862
				414		1376		355290		1470901
				1143		1725		358391		4096409
				5223		5866		365982		19115240
				1265		2330		374178		4733352
				726		3582		380090		2759453
				233		349		384021		894769
				3777		4499		388869	628090	14687582
				2844		4866		398234		11325775
				1651		4288		407388		6725976
Sec. 7				4977		7962		419638		20885383
				6231		7229		434829		27094195
				6374		10640		452698		28854970
				2478		9606		472944		11719552
				3237		17050		499600		16172052
				4348		4498		521148		22659515
				6315		9371		535017		33786323
				1079		2773		547161		5903867
				1678		4454		554388		9302631
				1574		872		559714		8804898
Sec. 6			338		1619		562205		1900253	
				3253		1201		565025		18380263
				4835		1561		567787		27452501
				3917		1287		570635		22351773
				7098		119		572041		40603470
				8867			428	571732		50695476
				3104			1540	569764		17685474
				584			1071	567153		3312173
				2630			2966	563116		14809951
				151			3403	556747		940688
counter 59-70				2210			1951	551393		12185785
				4341			1998	547444		23764344
				5997		659		546105		32749917
				6734		1975		548739		36952084
				10121		1370		552084		55876422
				7308			1687	551767		40323132
				2985			5652	544428		16251176
				7717			5119	533657	41182311	
				1601			2812	525726	8416873	
				579			6827	516087	2988144	
				03		7182	502078		15062	
				4561		10257	484639		22104385	
								99596355		76930150

Pecos River

Course	Dist.	Cos.	N	S	sin	E	W	DMD	N	S
Sec. 6 Con't.				3083			3892	470490		14505207
				1176			907	465691		5476526
				4246			758	464026		19702544
				8293		409		463677		38452734
				10968		6140		470226		51574388
				4159		2719		479085		19925145
				6682		5021		486825		32529646
				1627		3423		495269		8058027
			1070			10399		509091	5447274	
				1343		2282		521772		7007398
				1989		1215		525269		10447600
				8190			961	525523		16764184
				2976			428	524134		15598228
				2559			2065	521641		13348793
				1537			1768	517808		6405285
				1907			1654	514386		9809341
				6854			508	512224		35107833
				4425		1494		513210		22709542
				117		139		514843		602366
80 ac. Tr. in Sec. 6				117		287		515269		602865
				2544		8175		523731		13323717
				3752		5642		537548		20168801
				1987		1511		544701		10823209
				2358		2644		548856		12942024
				4947		2927		554427		27427504
				4256			1522	555832		23666216
				3330			701	553609		18435180
				1578		840		553748		8738143
Sec. 5				467		878		555466		2594096
				4645		6607		562951		26149074
				4660		4380		573938		26745511
				2965		3458		581776		17249658
			744			3987		584221	4383804	
			2865			3642		596850	17099752	
			4229			1332		601824	25451137	
			1510			3623		606779	9162363	
				1225		4409		614811		7531435
				3032		4037		623257		18897152
				7407		5100		632394		46841423
				2894		1170		638664		18482936
				2923			195	639639		18696648
				1570			309	639135		10034419
				2860			2040	636786		18212080
				6624		99		634845		42052133

Course	Dist.	Cos-	N	S	Sin	+		-		DMD	N	S
						E	W	E	W			
Sec. 5 Con't.				8116			5406			640350		51970806
				1609			8387			654143		10525161
			985				6472			669002	6589670	
					1161		2536			678010		7871696
					8403		1423			681969		57305855
					6088		4601			687993		41885014
					3141		6643			699237		21963034
			372				6726			712606	2650894	
					1185		4656			723988		8579258
					3411		7457			736101		25108405
					776		8796			752354		5838267
			1540				4393			765543	11789362	
			3418				6761			776697	26547503	
					583		2425			785883		4581698
					5729		465			788773		45188805
				4466			2638		786600		35129556	
				1896		45			784007		14864773	
				4217		1283			785335		33117577	
				6124		2461			789079		48323198	
				2952		482			791972		23379013	
				8537		3480			795834		67940348	
				5639		5772			805036		45395980	
				363		5244			816052		2962269	
		1374				6692			827988	11376555		
		73				7152			841832	614537		
				4992		7869			856853		42774102	
				3600		6666			871388		31369968	
Sec. 3			141			2545			880599	1241644		
				2120		6250			889394		18855153	
				2574		4890			900534		23179745	
				534		3770			909194		4855096	
				2247		6713			919677		20665142	
				2742				565	925825		25386121	
				613				8248	917012		5621283	
			1039					3684	905080		9403781	
			3546					3009	898387		31856803	
			16467					6919	888459		146302543	
			4215					800	880740		37123191	
			6153				2271		882211		54282443	
			5549					206	884276		49068475	
			2225					2053	882017		19624878	
Sec. 101			723					3465	876499		6357088	
								6769	866265			
								3769	855727			
												27174733
												9233294
												2247975935
												575950052
												2247975935

counter 99472

6.

Pecos River

Course	Dist.	Cos.	+		-		DMD	N	S	
			N	S	E	W				
Sec. 99 Cont.			10830				8914	452376		48992321
			10512				5641	437821		46023743
			5882				460	431720		25393770
			4287			656		431916		18516239
			3850			4255		436827		16817839
			3321			8496		444578		14930485
			187			2261		460335		860826
					922	3967		466563		
					1149	7954		478484		
					926	816		487254		
					3709	1582		489652		
					2152	1244		492478		
					1940	2078		495800		
				717		4837		502715		
				3571		4188		511740		3604466
			8632		2203		518131		18274235	
			7748		390		520724		44725068	
			5842				519742		40345695	
			4631				516135		30363328	
			6555		509		514409		23902212	
			2531		2123		517041		33719510	
				2850	4842		524006		13086308	
			580		1975		530823			
			4022		3682		536480		3078773	
			2987		888		541050		21577226	
			4227				541784		16161163	
			3579				540820		22901210	
			7417		88		540098		19355948	
			4747				538713		40059069	
			3893				535459		25572706	
			3671				532420		20845029	
			941				530262		19545505	
			6777		2085		531407		4989765	
			1879				532953		86013452	
			5488				530387		10014187	
			9186				517861		29107638	
			1126				503933		47570711	
			999				493818		5674285	
			3015				481265		4933242	
			4164				472217		14510140	
			8798				467142		19663116	
			678				464871		41099153	
									3151825	
									2163186925	

counter 99979

1

Pecos River

Course	Dist.	Cos-	N	S	Sin	E	W	DMD	N	S
Sec. 82			383				2902	461592	1767897	
			1362				5170	453520	6176942	
			3769				4275	444075	16737187	
			3958				8628	431172	17065788	
					158		8824	413720		
					509		8034	396862		
			1510				6334	382494	5775259	
			4019				4409	371751	14940673	
					5645		9726	357616		
			471				1615	346275	1630955	
			5545				7959	336701	18670070	
	Sec. 81			5861				5404	323338	18950840
			2324				18972	298962	6947877	
			1586				2076	277914	4407716	
			2796				6649	269189	7526524	
			2214				9558	252982	5601021	
			1311				2811	240613	3154436	
			3803				5853	231949	8821090	
			897				2850	223246	2002517	
			466				6490	213906	996802	
					329		4029	203387		
			627				3594	195764	1227440	
Sec. 80				3032				3773	188397	5712197
			3266				2902	181722	5935040	
			2168				4959	173861	3769306	
			133				6284	162618	216282	
			558				3082	153252	855146	
			746				1754	148416	1107183	
			4736				6580	140082	6634283	
			1280				6863	126639	1620979	
					2041		3928	115848		
			1009				6955	104965	1059097	
			1108				759	97251	1077541	
			4691				1999	94493	4432667	
		2927				2452	90042	2635529		
		1128				1942	85648	966109		
		588				2440	81266	477844		
		613				6123	72703	445669		
		935				3378	63202	590939		
		1529				3389	56435	862891		
		4685				6389	46657	2185880		
		1457				2277	37991	553529		
		2833				5372	30342	859589		
		645				1823	23147	149298		

counter 99475

653678
2020027
20366231

669143

2364458

Calc. by JET
Aug. 13, 1953

s/k Sec. 2 & 3; N/L Sec. 102

Pecos River = 11.055 Ac.

Pg. A

P. 1

STATION Along N Brk.	Course	DIST	Cos.	(Varas)		Sin	E	W	DMD	N		S	
				N	S					N	S		
	N 11° 38' E	4392	97946	4302		20165	886		886		38116		
	S 48° 10' E	5691	66697		3796	74509	2398		6032				228975
	S 38° 12' E	4082	78586		3145	61841	2895		12787				902157
	S 7° 49' W	2155	99071		2135	13600	2775	293	14989				320015
	S 18° 45' E	2757	94693		2611	32144	886		15582				406846
	S 18° 46' E	7306	94684		6919	32171	2320		18838				1303401
	S 30° 47' E	4320	85911		3711	51179	2211		23419				869079
	S 27° 50' 30" E	5005	88424		4426	46703	2337		27967				1237819
	S 21° 12' 30" E	5012	93227		4672	36176	1813		32117				1500506
	S 11° 26' 30" E	5361	98013		5257	19837	1063		34993				1839582
	S 32° 28' 30" E	2039	84362		1720	53693	1095		37151				638997
	S 66° 50' E	1216	39341		478	91936	1118		39364				188160
	N 83° 05' 30" E	3296	12028	396		99274	3295		43974		173345		
	N 51° 20' 30" E	3041	62467	1900		78088	2395		49456		939664		
	N 55° 06' E	2010	57214	1150		82015	1648		53494		615181		
	N 60° 48' 30" E	2000	48773	975		87299	1746		56888		554658		
	N 83° 38' 30" E	2061	11074	228		99385	2048		60682		138355		
	N 86° 29' 30" E	3335	06119	204		99812	3349		66079		134801		
	S 43° 41' 30" E	5902	72307		4267	69078	4897		73525				3137312
	S 7° 04' E	4177	99240		4145	12302	514		78136				3238737
	S 8° 21' W	6128	98940		6063	14522		890	77760				4716922
	S 17° 32' W	5020	95354		4787	30126		1512	75358				3607387
	S 18° 06' W	5025	95051		4776	31068		1561	72285				3452332
	S 23° 42' W	5099	91566		4669	40195		2049	68675				3206436
	S 40° 18' 30" E	2088	99717		2082	07512	157		66783				1390422
	S 42° 52' E	3176	73294		2328	68029	2161		69101				1608671
	N 48° 44' E	3122	65956	2059		75165	2347		73609		1515609		
	N 37° 53' 30" E	4107	78917	3241		61417	3532		78498		2544120		
	N 52° 26' E	5036	60968	3070		79264	3912		85052		2611096		
	N 64° 04' 30" E	3627	43719	1586		89937	3282		92346		1464607		
	N 70° 17' E	5412	32089	1737		94712	5156		100774		1750444		
	N 67° 39' 30" E	7163	38013	2723		92493	6635		112565		3065145		
	N 66° 00' 30" E	4965	40660	2019		91360	4556		123766		2498835		
	N 86° 35' 30" E	5099	05945	303		99823	5048		133432		404299		
	S 75° 09' E	2229	25629		571	96660	2154		140696				803374
	S 52° 38' E	6253	60691		3795	79477	4930		147840				5610528
	S 26° 22' E	5492	89597		4921	44411	2459		155289				7641772
	S 0° 49' W	3200	99992		3200	01280		41	157707				5046624
	S 19° 10' W	1897	94457		1792	32832		623	157043				2814210
	S 6° 26' 30" W	5025	99369		4893	11219		564	155856				7786566
	S 10° 13' 30" E	3157	98412		3107	11751	371		155663				4836449
	S 43° 39' 30" E	2044	69893		1429	71752	1462		157496				2250618
	N 80° 59' E	3389	15672	531		98764	3397		162325		861946		
	S 11° 38' W	5181	97946		5077	20165	9093	1045	164647				8359128

Page B + 1 and
20.3 x more



9.45
44.67

Sec. 2



59.12
1945
F467

Crossing River

count 99477

Calc. by JEF
8/13/15

N/L Sec. 102 Pecos River

STATION	Course	Dist	cos	N	S	Sin	E	W	DMD	N	S
Along S.Bk. NEC 102	N 68° 07' 30" W	2300	37258	857		42800		2134	161468	1383781	
	N 70° 41' 30" W	4381	33065	1448		94375		4134	155220	2247586	
	N 35° 14' 30" W	4597	81672	3754		57703		2633	148473	5573676	
	N 17° 08' 30" W	3257	95558	3112		29473		960	144880	4508666	
	N 2° 42' W	5009	99889	5003		04711		236	143684	7184200	
	N 40° 32' 30" E	2343	75993	1780		65000	1523		144971	2580484	
	N 1° 22' W	4640	99971	4639		02385		111	146383	6790707	
	N 3° 02' E	1749	99860	1746		05292	92		146364	2555515	
	N 64° 09' W	3092	43602	1348		89994		2963	143693	1936982	
	N 85° 56' 30" W	5281	07077	374		99749		5368	135682	507451	
	S 61° 31' 30" W	5045	47677		2405	87902		4935	126019		3030757
	S 75° 17' W	7100	25404		1804	96719		6847	114757		2070216
	S 79° 33' W	3760	18138		682	98341		3608	104232		710862
	S 69° 04' 30" W	3627	43719		1586	89937		3382	97312		1543368
	S 47° 18' 30" W	5002	67805		3392	73501		3656	90414		3066843
	S 59° 04' 30" W	3265	54354		1775	83938		3728	84038		1491674
	S 16° 47' W	3234	95740		3096	28875		934	80384		2488689
	S 54° W	3019	58778		1774	90902		2482	77028		1366477
	N 80° 17' 30" W	6002	16863	1012		98568		5896	68710	645345	
*	N 30° 02' 30" W	2371	86566	2052		50063		1187	61627	1264586	
	N 14° 10' 30" W	4472	96955	4336		24488		1095	59345	2573199	
	N 43° 21' 30" E	2332	72707	1685		68656	1601		59851	1014474	
	N 16° 58' E	5016	95647	4785		29181	1464		62916	3016822	
	N 23° 42' E	5099	91566	4669		40195	2049		66429	3101570	
	N 15° 49' 30" E	5009	96210	4819		27270	1366		69844	3365782	
	N 9° 52' E	4544	98521	4477		17136	779		71989	3222947	
	N 15° 19' 30" W	4134	96444	3987		26429		1092	71676	2857722	
*	N 33° 40' W	2033	83228	1692		55436		1127	69457	1175212	
	N 54° 55' W	1221	57477	702		81832		999	67331	472664	
	S 84° 54' 30" W	2081	09875		185	99605		2073	64259		118879
	S 70° 44' W	2030	32996		670	94399		1916	60270		343539
	S 4° 31' W	5297	74876		3966	66284		3591	54863		2175866
	S 81° 07' W	5441	15442		840	98800		5356	46016		386554
*	N 53° 24' 30" W	5150	56772	2924		82322		4239	36441	1065535	
	N 29° 42' W	2022	86863	1756		49546		1002	31220	548223	
	N 14° 55' W	5075	96630	4884		25741		1814	28404	1392080	
	N 12° 15' 30" W	5130	97720	5013		21232		1089	25501	1297600	
	N 28° 38' 30" W	5009	87763	4396		47933		3781	22031	968483	
	N 30° 39' 30" W	4319	86022	3715		50992		2202	17448	648193	
	N 19° 14' W	7300	94418	6892		32942		2705	12856	885778	
*	N 14° 28' W	2789	96829	2700		24982		697	9769	263763	
	N 14° 49' W	1830	96675	1769		25173		468	8604	152205	
	N 33° 57' 30" W	3946	82944	3273		55859		2204	5932	194154	



here →

cont. p. 15

Calc. by JET
8/13/53

N/L Sec. 102

Pecos River

lp. 3

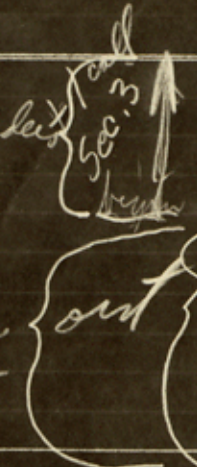
STATION	Course	Dist.	Pos	N		S	Sin	E	W	DMD	N		S
Starting Pt. NWC 102	N61°45' W	2116	47332	1001			88089		1864	1864		18659	
				123067	123040			98918	99588			84754265	97236723
				123040					98918				84754265
				27					670				12482458
				123053	123053			99253	99253			5645.376	6241229
				-14	+13			+835	-335				
													(11.05 ac.)

cont. 49-79

Calc. 8/12/53
by JEF.

Diff bet Orig Calc. & Corr. from SEC 4 to NEC 101 = .173 Ac. to be added
 N/V Pecos River
 Sec. 101 Pg. B

Station	Course	vs. Dist	Cos.	N		S		E	W	DMD	N		S	
				67	532	2757	532				2534	2130	94	23813
Corrected meanders	S 82° 16' E	4327	13456			582	99090	4288		4288				24827
	S 68° 52' 30" E	8521	36040			3091	93280	7948		16521				505708
	S 71° 32' 30" E	4279	31661			1355	94855	4059		28525				383661
	S 79° 27' E	7647	18309			1488	98309	7518		40102				559418
	S 11° 38' 30" W	1592	97943			1549	20179		321	47299				732661
Old meanders with error	N 68° 09' 30" W	7412	37204	2757			92821		6880	40096	1109456			
	N 81° 56' W	3808	14032	532			99010		3770	29444	158114			
	N 62° 14' 30" W	5526	46574	2534			88492		4890	20784	537058			
	N 71° 16' W	6600	32116	2130			99702		6250	19644	205417			
	S 86° 50' W	1700	05524				94847		1697	1697				1595
				7985		8061		23813	23808			1010045		2205870
						7985		23808						2010045
						76		05						2195825
														5645376
														979125
														+ .173ac



52.90
1.2

PRESENTED BY CITIES SERVICE

~~MISCELLANEOUS FILE NO 32~~

~~UNDER STAIR~~

MAP TO BE FURNISHED LATER.

SEPT 8th 1953

WARD Co. Rld. SK. 26

counter 49481