



NM OIL CONSERVATION

ARTESIA DISTRICT

SEP 21 2015

RECEIVED

Janet Ayers

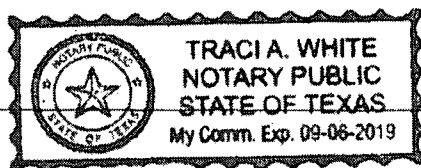
STATE OF Texas

COUNTY OF Wichita

Before me the undersigned, a Notary Public, in and for said County and State, on this 17th day of September, 2015, personally appeared Janet Ayers to me known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my official signature and affixed my official seal the day and year last above written.

My Commission Expires:



Traci A. White

Notary Public



Cottonwood 2 State SWD #1

depth	degrees	radians	length	displacement/10	displacement	cum
			0'			displacement
0						0
403	0.5	0.008726944	403	0.872683367	3.51691397	3.51691397
530	0.75	0.013090417	127	1.309004281	1.662435437	5.179349406
1473	0.75	0.013090417	943	1.309004281	12.34391037	17.52325978
1725	0.5	0.008726944	252	0.872683367	2.199162085	19.72242186
2010	1	0.017453889	285	1.745300272	4.974105774	24.69652764
2514	1	0.017453889	504	1.745300272	8.796313369	33.492841
2806	1	0.017453889	292	1.745300272	5.096276793	38.5891178
3062	1.25	0.021817361	256	2.181563032	5.584801361	44.17391916
3315	2.25	0.03927125	253	3.926115655	9.933072608	54.10699177
3441	3	0.052361667	126	5.23377429	6.594555605	60.70154737
3679	1	0.017453889	238	1.745300272	4.153814646	64.85536202
3974	1	0.017453889	295	1.745300272	5.148635801	70.00399782
4258	1	0.017453889	284	1.745300272	4.956652771	74.96065059
4685	1.7	0.029671611	427	2.966725747	12.66791894	87.62856953
4759	1	0.017453889	74	1.745300272	1.291522201	88.92009173
5110	1	0.017453889	351	1.745300272	6.126003953	95.04609568
5308	0.4	0.006981556	198	0.698149884	1.38233677	96.42843245
5602	0.8	0.013963111	294	1.396265739	4.105021272	100.5334537
5927	2.5	0.043634722	325	4.362087687	14.17678498	114.7102387
6302	0.6	0.010472333	375	1.047214192	3.927053219	118.6372919
6677	2.2	0.038398556	375	3.838912013	14.39592005	133.033212
7055	0.2	0.003490778	378	0.349077069	1.31951132	134.3527233
7557	2.7	0.0471255	502	4.710805912	23.64824568	158.000969
8093	1.5	0.026180833	536	2.617784255	14.03132361	172.0322926
8671	1.4	0.024435444	578	2.443301282	14.12228141	186.154574
8955	0.9	0.0157085	284	1.570785398	4.46103053	190.6156045
9473	0.7	0.012217722	518	1.221741826	6.32862266	196.9442272
9742	0.7	0.012217722	269	1.221741826	3.286485513	200.2307127
10625	0.4	0.006981556	883	0.698149884	6.164663475	206.3953762
10891	1.7	0.029671611	266	2.966725747	7.891490486	214.2868667
11171	3.2	0.055852444	280	5.58234104	15.63055491	229.9174216
11457	1.3	0.022690056	286	2.268810865	6.488799075	236.4062206
11830	3.4	0.059343222	373	5.930839766	22.12203233	258.528253
12072	3.1	0.054107056	242	5.408065902	13.08751948	271.6157725
12239	3.2	0.055852444	167	5.58234104	9.322509536	280.938282
12481	0.9	0.0157085	242	1.570785398	3.801300663	284.7395827
12576	0.7	0.012217722	95	1.221741826	1.160654735	285.9002374
12856	0.4	0.006981556	280	0.698149884	1.954819675	287.8550571
13090	1.5	0.026180833	234	2.617784255	6.125615158	293.9806722
13519	2	0.034907778	429	3.490068871	14.97239546	308.9530677
14009	4.2	0.073306333	490	7.324069515	35.88794062	344.8410083
14120	4.9	0.085524056	111	8.541983467	9.481601648	354.3226099
14213	5.8	0.101232556	93	10.10597384	9.398555673	363.7211656
14500	6.9	0.120431833	287	12.0140924	34.48044518	398.2016108