

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**APPLICATION OF MEWBOURNE OIL
COMPANY FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO.**

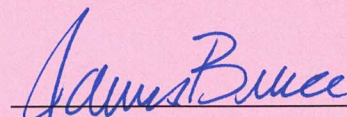
Case No. 23546

NOTICE OF FILING ADDITIONAL EXHIBITS

Mewbourne Oil Company submits for filing the following:

Exhibit 3-E, the horizontal Survey Calculation Reports for the subject wells.

Respectfully submitted,



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Attorney for Mewbourne Oil Company

Mewbourne Oil Company

SURVEY CALCULATION REPORT
Minimum Curvature Calculations

Operator: Mewbourne Oil Company
Lease Name: Deep Ellum 25/26 Fed Com 516H
KOP 8458.04
SL: 1460 FSL & 205 FEL; Sec 25/18S/31E
PBHL: 1900 FSL & 2540 FEL; Sec 26/18S/31E

Target KBTVD: 9,031 Feet 9031.00
Target Angle: 91.18 Degrees 91.18
Section Plane: 273.13 Degrees
Declination Corrected to True North: 6.63 Degrees
Bit to Survey Offset: 44 Feet

Survey No.	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	Closure Distance	Closure Direction	BUR	DLS	KBTVD	+Above			AZIMUTH (RADIAN)
														-Below Target	DRIFT (RADIAN)		
T/I	8458.04	0.00	273.13	N/A	8458.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	8458.0	573.0	1E-12	4.77	#VALUE!
1	8549.22	9.12	273.13	91.18	8548.8	7.2	0.4	-7.2	7.2	273.1	10.0	10.0	8549.0	482.0	0.159139	4.77	0.159139
2	8640.40	18.24	273.13	91.18	8637.3	28.8	1.6	-28.7	28.8	273.1	10.0	10.0	8637.9	393.1	0.3182779	4.77	0.159139
3	8731.58	27.35	273.13	91.18	8721.3	64.1	3.5	-64.0	64.1	273.1	10.0	10.0	8722.6	308.4	0.4774169	4.77	0.159139
4	8822.76	36.47	273.13	91.18	8798.6	112.2	6.1	-112.0	112.2	273.1	10.0	10.0	8800.9	230.1	0.6365558	4.77	0.159139
5	8913.94	45.59	273.13	91.18	8867.3	172.0	9.4	-171.8	172.0	273.1	10.0	10.0	8870.9	160.1	0.7956948	4.77	0.159139
6	9005.12	54.71	273.13	91.18	8925.7	241.9	13.2	-241.6	241.9	273.1	10.0	10.0	8930.7	100.3	0.9548337	4.77	0.159139
7	9096.30	63.83	273.13	91.18	8972.2	320.2	17.5	-319.7	320.2	273.1	10.0	10.0	8978.8	52.2	1.1139727	4.77	0.159139
8	9187.48	72.94	273.13	91.18	9005.8	404.9	22.1	-404.3	404.9	273.1	10.0	10.0	9014.1	16.9	1.2731116	4.77	0.159139
9	9278.66	82.06	273.13	91.18	9025.5	493.8	27.0	-493.1	493.8	273.1	10.0	10.0	9035.7	-4.7	1.4322506	4.77	0.159139
10	9369.84	91.18	273.13	91.18	9030.9	584.8	31.9	-583.9	584.8	273.1	10.0	10.0	9042.9	-11.9	1.5913895	4.77	0.159139
11	9400.00	91.18	273.13	30.159	9030.3	614.9	33.6	-614.0	614.9	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
12	9500.00	91.18	273.13	100	9028.2	714.9	39.1	-713.8	714.9	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
13	9600.00	91.18	273.13	100	9026.1	814.9	44.5	-813.6	814.9	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
14	9700.00	91.18	273.13	100	9024.1	914.8	50.0	-913.5	914.8	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
15	9800.00	91.18	273.13	100	9022.0	1014.8	55.4	-1013.3	1014.8	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
16	9900.00	91.18	273.13	100	9020.0	1114.8	60.9	-1113.1	1114.8	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
17	10000.00	91.18	273.13	100	9017.9	1214.8	66.4	-1213.0	1214.8	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
18	10100.00	91.18	273.13	100	9015.8	1314.8	71.8	-1312.8	1314.8	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
19	10200.00	91.18	273.13	100	9013.8	1414.7	77.3	-1412.6	1414.7	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
20	10300.00	91.18	273.13	100	9011.7	1514.7	82.7	-1512.5	1514.7	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
21	10400.00	91.18	273.13	100	9009.7	1614.7	88.2	-1612.3	1614.7	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
22	10500.00	91.18	273.13	100	9007.6	1714.7	93.7	-1712.1	1714.7	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
23	10600.00	91.18	273.13	100	9005.5	1814.7	99.1	-1811.9	1814.7	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
24	10700.00	91.18	273.13	100	9003.5	1914.6	104.6	-1911.8	1914.6	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
25	10800.00	91.18	273.13	100	9001.4	2014.6	110.0	-2011.6	2014.6	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
26	10900.00	91.18	273.13	100	8999.4	2114.6	115.5	-2111.4	2114.6	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
27	11000.00	91.18	273.13	100	8997.3	2214.6	121.0	-2211.3	2214.6	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
28	11100.00	91.18	273.13	100	8995.3	2314.5	126.4	-2311.1	2314.5	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
29	11200.00	91.18	273.13	100	8993.2	2414.5	131.9	-2410.9	2414.5	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
30	11300.00	91.18	273.13	100	8991.1	2514.5	137.4	-2510.8	2514.5	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
31	11400.00	91.18	273.13	100	8989.1	2614.5	142.8	-2610.6	2614.5	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
32	11500.00	91.18	273.13	100	8987.0	2714.5	148.3	-2710.4	2714.5	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
33	11600.00	91.18	273.13	100	8985.0	2814.4	153.7	-2810.2	2814.4	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
34	11700.00	91.18	273.13	100	8982.9	2914.4	159.2	-2910.1	2914.4	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
35	11800.00	91.18	273.13	100	8980.8	3014.4	164.7	-3009.9	3014.4	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
36	11900.00	91.18	273.13	100	8978.8	3114.4	170.1	-3109.7	3114.4	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
37	12000.00	91.18	273.13	100	8976.7	3214.4	175.6	-3209.6	3214.4	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
38	12100.00	91.18	273.13	100	8974.7	3314.3	181.0	-3309.4	3314.3	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
39	12200.00	91.18	273.13	100	8972.6	3414.3	186.5	-3409.2	3414.3	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
40	12300.00	91.18	273.13	100	8970.5	3514.3	192.0	-3509.0	3514.3	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
41	12400.00	91.18	273.13	100	8968.5	3614.3	197.4	-3608.9	3614.3	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
42	12500.00	91.18	273.13	100	8966.4	3714.3	202.9	-3708.7	3714.3	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
43	12600.00	91.18	273.13	100	8964.4	3814.2	208.3	-3808.5	3814.2	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
44	12700.00	91.18	273.13	100	8962.3	3914.2	213.8	-3908.4	3914.2	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
45	12800.00	91.18	273.13	100	8960.2	4014.2	219.3	-4008.2	4014.2	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
46	12900.00	91.18	273.13	100	8958.2	4114.2	224.7	-4108.0	4114.2	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
47	13000.00	91.18	273.13	100	8956.1	4214.1	230.2	-4207.9	4214.1	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
48	13100.00	91.18	273.13	100	8954.1	4314.1	235.7	-4307.7	4314.1	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
49	13200.00	91.18	273.13	100	8952.0	4414.1	241.1	-4407.5	4414.1	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
50	13300.00	91.18	273.13	100	8949.9	4514.1	246.6	-4507.3	4514.1	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
51	13400.00	91.18	273.13	100	8947.9	4614.1	252.0	-4607.2	4614.1	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
52	13500.00	91.18	273.13	100	8945.8	4714.0	257.5	-4707.0	4714.0	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
53	13600.00	91.18	273.13	100	8943.8	4814.0	263.0	-4806.8	4814.0	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
54	13700.00	91.18	273.13	100	8941.7	4914.0	268.4	-4906.7	4914.0	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
55	13800.00	91.18	273.13	100	8939.7	5014.0	273.9	-5006.5	5014.0	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
56	13900.00	91.18	273.13	100	8937.6	5114.0	279.3	-5106.3	5114.0	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10

EXHIBIT

3-E

57	14000.00	91.18	273.13	100	8935.5	5213.9	284.8	-5206.1	5213.9	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
58	14100.00	91.18	273.13	100	8933.5	5313.9	290.3	-5306.0	5313.9	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
59	14200.00	91.18	273.13	100	8931.4	5413.9	295.7	-5405.8	5413.9	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
60	14300.00	91.18	273.13	100	8929.4	5513.9	301.2	-5505.6	5513.9	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
61	14400.00	91.18	273.13	100	8927.3	5613.8	306.7	-5605.5	5613.8	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
62	14500.00	91.18	273.13	100	8925.2	5713.8	312.1	-5705.3	5713.8	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
63	14600.00	91.18	273.13	100	8923.2	5813.8	317.6	-5805.1	5813.8	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
64	14700.00	91.18	273.13	100	8921.1	5913.8	323.0	-5905.0	5913.8	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
65	14800.00	91.18	273.13	100	8919.1	6013.8	328.5	-6004.8	6013.8	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
66	14900.00	91.18	273.13	100	8917.0	6113.7	334.0	-6104.6	6113.7	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
67	15000.00	91.18	273.13	100	8914.9	6213.7	339.4	-6204.4	6213.7	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
68	15100.00	91.18	273.13	100	8912.9	6313.7	344.9	-6304.3	6313.7	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
69	15200.00	91.18	273.13	100	8910.8	6413.7	350.3	-6404.1	6413.7	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
70	15300.00	91.18	273.13	100	8908.8	6513.7	355.8	-6503.9	6513.7	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
71	15400.00	91.18	273.13	100	8906.7	6613.6	361.3	-6603.8	6613.6	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
72	15500.00	91.18	273.13	100	8904.6	6713.6	366.7	-6703.6	6713.6	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
73	15600.00	91.18	273.13	100	8902.6	6813.6	372.2	-6803.4	6813.6	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
74	15700.00	91.18	273.13	100	8900.5	6913.6	377.6	-6903.3	6913.6	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
75	15800.00	91.18	273.13	100	8898.5	7013.6	383.1	-7003.1	7013.6	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
76	15900.00	91.18	273.13	100	8896.4	7113.5	388.6	-7102.9	7113.5	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
77	16000.00	91.18	273.13	100	8894.4	7213.5	394.0	-7202.7	7213.5	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
78	16100.00	91.18	273.13	100	8892.3	7313.5	399.5	-7302.6	7313.5	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
79	16200.00	91.18	273.13	100	8890.2	7413.5	405.0	-7402.4	7413.5	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
80	16300.00	91.18	273.13	100	8888.2	7513.4	410.4	-7502.2	7513.4	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
81	16398.21	91.18	273.13	98.212	8886.2	7611.6	415.8	-7600.3	7611.6	273.1	0.0	0.0	9042.9	-11.9	1.5913895	4.77	1E-10
82	16398.21	91.18	273.13	0	8886.2	7611.6	415.8	-7600.3	7611.6	273.1	#####	#####	9042.9	-11.9	1.5913895	4.77	1E-10

Mewbourne Oil Company

SURVEY CALCULATION REPORT
Minimum Curvature Calculations

Operator: Mewbourne Oil Company
Lease Name: Deep Ellum 25/26 Fed Com 616H
KOP 9342.04
SL: 1440 FSL & 205 FEL; Sec 25/18S/31E
PBHL: 1900 FSL & 2540 FEL; Sec 26/18S/31E

Target KBTVD: 9,915 Feet 9915.00
Target Angle: 91.46 Degrees 91.46
Section Plane: 273.28 Degrees
Declination Corrected to True North: 6.63 Degrees
Bit to Survey Offset: 44 Feet

Survey No.	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	Closure Distance	Closure Direction	BUR	DLS	KBTVD	+Above -Below DRIFT			AZIMUTH (RADIAN)
														Target	(RADIAN)	(RADIAN)	
T/I	9342.04	0.00	273.28	N/A	9342.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	9342.0	573.0	1E-12	4.77	#VALUE!
1	9433.51	9.15	273.28	91.464	9433.1	7.3	0.4	-7.3	7.3	273.3	10.0	10.0	9433.3	481.7	0.1596355	4.77	0.1596355
2	9524.97	18.29	273.28	91.464	9521.9	29.0	1.7	-28.9	29.0	273.3	10.0	10.0	9522.6	392.4	0.3192711	4.77	0.1596355
3	9616.44	27.44	273.28	91.464	9606.1	64.5	3.7	-64.4	64.5	273.3	10.0	10.0	9607.7	307.3	0.4789066	4.77	0.1596355
4	9707.90	36.59	273.28	91.464	9683.5	112.9	6.5	-112.7	112.9	273.3	10.0	10.0	9686.4	228.6	0.6385422	4.77	0.1596355
5	9798.36	45.73	273.28	91.464	9752.3	173.0	9.9	-172.7	173.0	273.3	10.0	10.0	9756.8	158.2	0.7981777	4.77	0.1596355
6	9890.83	54.88	273.28	91.464	9810.7	243.3	13.9	-242.9	243.3	273.3	10.0	10.0	9816.9	98.1	0.9578132	4.77	0.1596355
7	9982.29	64.03	273.28	91.464	9857.1	322.0	18.4	-321.5	322.0	273.3	10.0	10.0	9865.4	49.6	1.1174488	4.77	0.1596355
8	10073.76	73.17	273.28	91.464	9890.5	407.1	23.3	-406.4	407.1	273.3	10.0	10.0	9900.9	14.1	1.2770843	4.77	0.1596355
9	10165.22	82.32	273.28	91.464	9909.9	496.4	28.4	-495.6	496.4	273.3	10.0	10.0	9922.5	-7.5	1.4367198	4.77	0.1596355
10	10256.69	91.46	273.28	91.464	9914.8	587.6	33.6	-586.6	587.6	273.3	10.0	10.0	9929.8	-14.8	1.5963554	4.77	0.1596355
11	10300.00	91.46	273.28	43.314	9913.7	630.9	36.1	-629.9	630.9	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
12	10400.00	91.46	273.28	100	9911.2	730.9	41.8	-729.7	730.9	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
13	10500.00	91.46	273.28	100	9908.6	830.8	47.6	-829.5	830.8	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
14	10600.00	91.46	273.28	100	9906.0	930.8	53.3	-929.3	930.8	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
15	10700.00	91.46	273.28	100	9903.5	1030.8	59.0	-1029.1	1030.8	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
16	10800.00	91.46	273.28	100	9900.9	1130.7	64.7	-1128.9	1130.7	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
17	10900.00	91.46	273.28	100	9898.4	1230.7	70.5	-1228.7	1230.7	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
18	11000.00	91.46	273.28	100	9895.8	1330.7	76.2	-1328.5	1330.7	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
19	11100.00	91.46	273.28	100	9893.3	1430.6	81.9	-1428.3	1430.6	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
20	11200.00	91.46	273.28	100	9890.7	1530.6	87.6	-1528.1	1530.6	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
21	11300.00	91.46	273.28	100	9888.1	1630.6	93.3	-1627.9	1630.6	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
22	11400.00	91.46	273.28	100	9885.6	1730.5	99.1	-1727.7	1730.5	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
23	11500.00	91.46	273.28	100	9883.0	1830.5	104.8	-1827.5	1830.5	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
24	11600.00	91.46	273.28	100	9880.5	1930.5	110.5	-1927.3	1930.5	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
25	11700.00	91.46	273.28	100	9877.9	2030.4	116.2	-2027.1	2030.4	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
26	11800.00	91.46	273.28	100	9875.4	2130.4	122.0	-2126.9	2130.4	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
27	11900.00	91.46	273.28	100	9872.8	2230.4	127.7	-2226.7	2230.4	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
28	12000.00	91.46	273.28	100	9870.3	2330.3	133.4	-2326.5	2330.3	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
29	12100.00	91.46	273.28	100	9867.7	2430.3	139.1	-2426.3	2430.3	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
30	12200.00	91.46	273.28	100	9865.1	2530.3	144.8	-2526.1	2530.3	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
31	12300.00	91.46	273.28	100	9862.6	2630.2	150.6	-2625.9	2630.2	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
32	12400.00	91.46	273.28	100	9860.0	2730.2	156.3	-2725.7	2730.2	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
33	12500.00	91.46	273.28	100	9857.5	2830.2	162.0	-2825.5	2830.2	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
34	12600.00	91.46	273.28	100	9854.9	2930.1	167.7	-2925.3	2930.1	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
35	12700.00	91.46	273.28	100	9852.4	3030.1	173.5	-3025.1	3030.1	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
36	12800.00	91.46	273.28	100	9849.8	3130.1	179.2	-3125.0	3130.1	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
37	12900.00	91.46	273.28	100	9847.3	3230.1	184.9	-3224.8	3230.1	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
38	13000.00	91.46	273.28	100	9844.7	3330.0	190.6	-3324.6	3330.0	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
39	13100.00	91.46	273.28	100	9842.1	3430.0	196.4	-3424.4	3430.0	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
40	13200.00	91.46	273.28	100	9839.6	3530.0	202.1	-3524.2	3530.0	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
41	13300.00	91.46	273.28	100	9837.0	3629.9	207.8	-3624.0	3629.9	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
42	13400.00	91.46	273.28	100	9834.5	3729.9	213.5	-3723.8	3729.9	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
43	13500.00	91.46	273.28	100	9831.9	3829.9	219.2	-3823.6	3829.9	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
44	13600.00	91.46	273.28	100	9829.4	3929.8	225.0	-3923.4	3929.8	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
45	13700.00	91.46	273.28	100	9826.8	4029.8	230.7	-4023.2	4029.8	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
46	13800.00	91.46	273.28	100	9824.3	4129.8	236.4	-4123.0	4129.8	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
47	13900.00	91.46	273.28	100	9821.7	4229.7	242.1	-4222.8	4229.7	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
48	14000.00	91.46	273.28	100	9819.1	4329.7	247.9	-4322.6	4329.7	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
49	14100.00	91.46	273.28	100	9816.6	4429.7	253.6	-4422.4	4429.7	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
50	14200.00	91.46	273.28	100	9814.0	4529.6	259.3	-4522.2	4529.6	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
51	14300.00	91.46	273.28	100	9811.5	4629.6	265.0	-4622.0	4629.6	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
52	14400.00	91.46	273.28	100	9808.9	4729.6	270.8	-4721.8	4729.6	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
53	14500.00	91.46	273.28	100	9806.4	4829.5	276.5	-4821.6	4829.5	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
54	14600.00	91.46	273.28	100	9803.8	4929.5	282.2	-4921.4	4929.5	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
55	14700.00	91.46	273.28	100	9801.3	5029.5	287.9	-5021.2	5029.5	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
56	14800.00	91.46	273.28	100	9798.7	5129.4	293.6	-5121.0	5129.4	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10

57	14800.00	91.46	273.28	100	9796.1	5229.4	299.4	-5220.8	5229.4	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
58	15000.00	91.46	273.28	100	9793.6	5329.4	305.1	-5320.6	5329.4	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
59	15100.00	91.46	273.28	100	9791.0	5429.3	310.8	-5420.4	5429.3	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
60	15200.00	91.46	273.28	100	9788.5	5529.3	316.5	-5520.2	5529.3	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
61	15300.00	91.46	273.28	100	9785.9	5629.3	322.3	-5620.0	5629.3	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
62	15400.00	91.46	273.28	100	9783.4	5729.2	328.0	-5719.8	5729.2	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
63	15500.00	91.46	273.28	100	9780.8	5829.2	333.7	-5819.6	5829.2	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
64	15600.00	91.46	273.28	100	9778.3	5929.2	339.4	-5919.4	5929.2	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
65	15700.00	91.46	273.28	100	9775.7	6029.1	345.1	-6019.2	6029.1	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
66	15800.00	91.46	273.28	100	9773.1	6129.1	350.9	-6119.1	6129.1	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
67	15900.00	91.46	273.28	100	9770.6	6229.1	356.6	-6218.9	6229.1	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
68	16000.00	91.46	273.28	100	9768.0	6329.0	362.3	-6318.7	6329.0	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
69	16100.00	91.46	273.28	100	9765.5	6429.0	368.0	-6418.5	6429.0	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
70	16200.00	91.46	273.28	100	9762.9	6529.0	373.8	-6518.3	6529.0	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
71	16300.00	91.46	273.28	100	9760.4	6628.9	379.5	-6618.1	6628.9	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
72	16400.00	91.46	273.28	100	9757.8	6728.9	385.2	-6717.9	6728.9	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
73	16500.00	91.46	273.28	100	9755.3	6828.9	390.9	-6817.7	6828.9	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
74	16600.00	91.46	273.28	100	9752.7	6928.8	396.7	-6917.5	6928.8	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
75	16700.00	91.46	273.28	100	9750.1	7028.8	402.4	-7017.3	7028.8	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
76	16800.00	91.46	273.28	100	9747.6	7128.8	408.1	-7117.1	7128.8	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
77	16900.00	91.46	273.28	100	9745.0	7228.7	413.8	-7216.9	7228.7	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
78	17000.00	91.46	273.28	100	9742.5	7328.7	419.5	-7316.7	7328.7	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
79	17100.00	91.46	273.28	100	9739.9	7428.7	425.3	-7416.5	7428.7	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
80	17200.00	91.46	273.28	100	9737.4	7528.6	431.0	-7516.3	7528.6	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
81	17283.02	91.46	273.28	83.022	9735.2	7611.6	435.7	-7599.2	7611.6	273.3	0.0	0.0	9929.8	-14.8	1.5963554	4.77	1E-10
82	17283.02	91.46	273.28	0	9735.2	7611.6	435.7	-7599.2	7611.6	273.3	#####	#####	9929.8	-14.8	1.5963554	4.77	1E-10