

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTEZIA

FORM APPROVED
OMB No 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
Nadel and Gussman HEYCO, LLC3a. Address
PO BOX 1936 ~ ROSWELL NM 88202-19363b. Phone No. (include area code)
575.625.80014. Location of Well (Footage, Sec., T, R, M., or Survey Description)
2319 FNL & 660' FWL, Sec. 1, T18S, R31E5. Lease Serial No.
NM/2538

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
Cholla 1 Federal #149. API Well No.
30-015-3739110. Field and Pool, or Exploratory Area
Tamano; Bone Spring11. County or Parish, State
Eddy, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

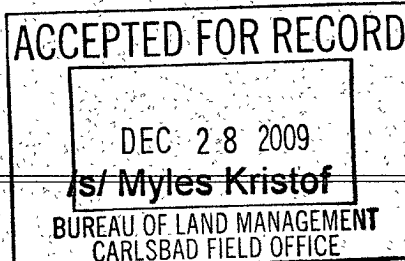
TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Casing and Cement report (intermediate)
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection).

BLM Bond No. NMB00520
Surety Bond No. B004230

12/11/09 - 11" hole, ran sweep RIH 56 jts w/8 5/8" 24# J55 STC csg to 2300'. Centralizers placed @ 2256.85', 2213.50', 2171.46', 2129.69', 2046.42'. Lead: 400 sks 65:35:4' "C" 6% gel+5% Salt+1/4#CF+.25% R-38 12.40 lb/sks, yeild 2.09, water 11.81 gal/sk. Tail:200 sks "C" neat +.25% R-38 14.8 lb/sks, yeild 1.32, water 6.32 gal/sk.

No problems w/pipe or cmt job. Plug dn @ 2:29 am 12/11/09, circ 17 bbls (46sks) called Carlsbad BLM (Richard) @ 7:33 pm 11/10/09. No Witness f/cmt job.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Tammy R. Link

Title: Production Tech

Signature

Date

12/11/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 USC Section 1001 and Title 43 USC Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

SUMMARY CASING AND CEMENTING REPORT

STRING: 8 5/8" INTERMEDIATE

DATE: 12/11/2009

OPERATOR: NADEL & GUSSMAN HEYCO
CONTRACTOR: PATRIOT

WELL: CHOLLA 1 FED #14
RIG: #1
REP: KEITH CANNON

CASING DETAIL

HOLE SIZE:	11	DEPTH:	2300
11" HOLE			2300.00
FLOAT SHOE			1.40
			2298.60
1 JTS 8 5/8" 24# J55 STC Csg			41.75
			2256.85
8 5/8" FLOAT INSERT			1.40
			2255.45
55 JTS 8 5/8" 24# J55 STC Csg			2257.00
			-1.55
KB TO GL			18.50
CENTRALIZERS PLACED @ 2256.85', 2213.50', 2171.46', 2129.69', 2046.42'			

REMARKS:

TOTAL CASING DELIVERED 56 JTS 8 5/8" 24# J55 STC (2370.10')
ALL CASING WAS DRIFTED, CLEANED, & VISUALLY INSPECTED ON LOCATION.
FLOAT SHOE, 1 SHOE JTS, FLOAT INSERT, WERE THREAD LOCKED.
TAGGED BOTTOM NO FILL. CIRCULATED CAPACITY & ANNULAR VOLUME

EXCESS CASING

CASING NOT USED 1 JTS 8 5/8" 24# J55 STC [42.16']
DISPOSITION 1 JTS 8 5/8" 24# J55 TRANSFERRED TO NGP YARD (ARTESIA)

CEMENTING DATA

COMPANY: RISING STAR

DISTRICT: HOBBS

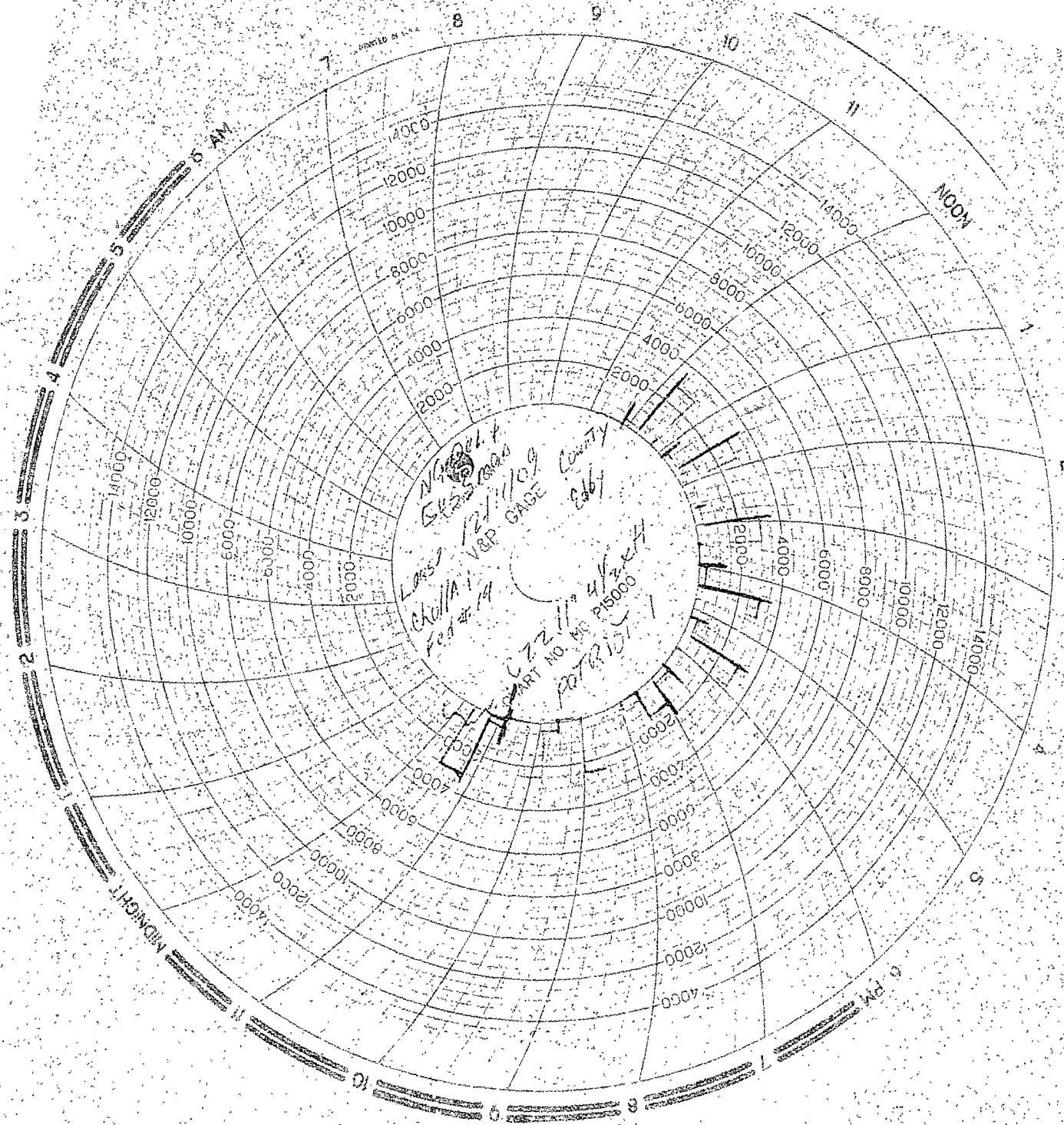
1ST STAGE:

PREFLUSH: 10 bbls FW SPACER

LEAD: 400 SKS 65:35.4 'C' 6%GEL+5% SALT+1/4#CF+.25%R-38 12.40 LB/SKS, YEILD 2.09,
WATER 11.81 GAL/SK

TAIL: 200 SKS "C"NEAT+.25%R-38 14.8 LB/SKS, YEILD 1.32, WATER 6.32 GAL/SK

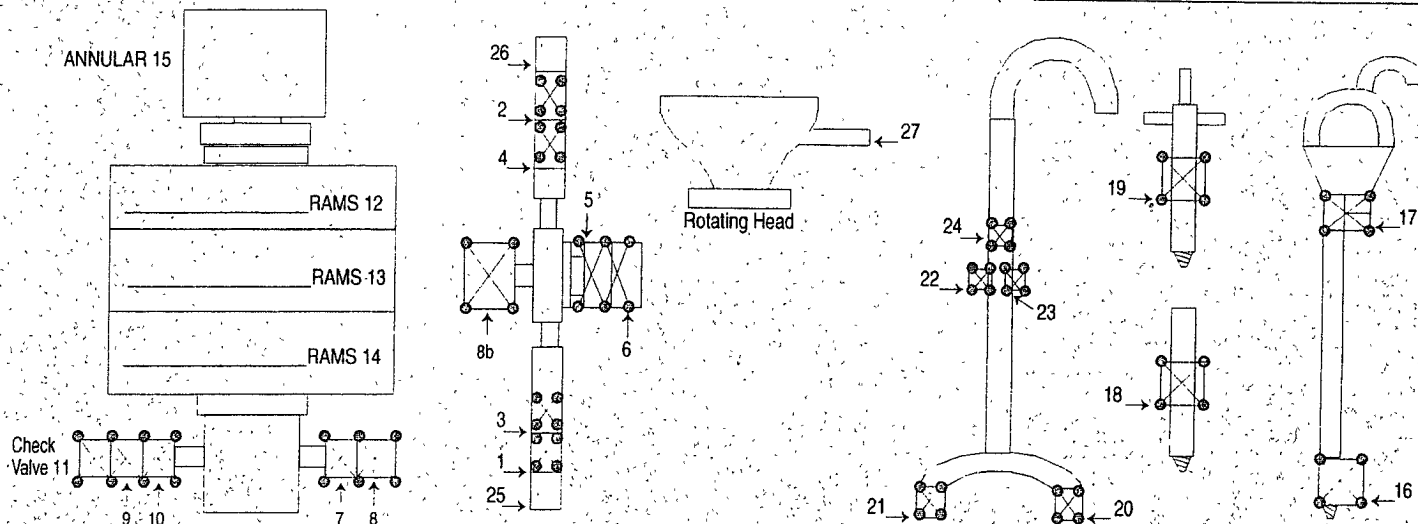
NOTE: NO PROBLEMS W/ PIPE OR CMT JOB. PLUG DOWN @ 2:29AM 12/11/09, CIRC 17BBLs
(46SKS) CALLED CARLSBAD BLM (RICHARD) @ 7:33PM 11/10/09. NO WITNESS F/
CMT JOB





INVOICE

Company _____ Date _____ Start Time _____ ☐ am ☐ pm
Lease _____ County _____ State _____
Company Man _____
Wellhead Vendor _____ Tester _____
Drig: Contractor _____ Rig # _____
Tool Pusher _____
Plug Type _____ Plug Size _____ Drill Pipe Size _____
Casing Valve Opened _____ Check Valve Open _____



TEST #	ITEMS TESTED	TEST LENGTH	LOW PSI	HIGH PSI	REMARKS
1	10-2-5-6-9-11	10-10	280	300	
2	1-7, 5-11	10-10	280	300	
3	10-3-5-11	10-10	280	300	
4	9-8-15	10-10	280	300	
5	10-7-13	10-10	280	300	
6	10-5-15	10-10	280	300	
7	16	10-10	280	300	
8	19	10-10	280	300	
9	17	10-10	280	300	
10		10-10	280	300	
11		10-10	280	300	
12		10-10	280	300	
13		10-10	280	300	
14		10-10	280	300	
15		10-10	280	300	
16		10-10	280	300	
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95		10-10	280	300	
96		10-10	280	300	
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98		10-10	280	300	
99		10-10	280	300	
100		10-10	280	300	

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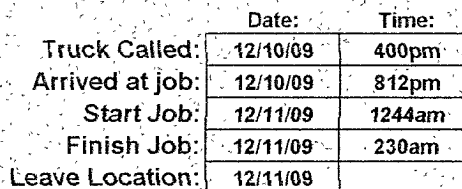
HR@

SUB TOTAL

TAX

TOTAL

Mileage @



Acid Systems							
Acid System:		N/A		Gallons		N/A	
Diverter:		N/A		Balls		N/A	
				Coarse Rock Salt			
		Injection Rate:		Job Pressures		Job Log Remarks:	
Time	Rate:	Bbbs in		Tbg psi.	Csg psi		
812pm						Arrive on location	
820pm						Spot equipment	
825pm						Rig up iron	
901pm						Test H2O	
1153pm						Safety meeting	
1244am	1	2			3500	Pressure test lines	
1247am	4	10			200	Fw spacer	
1252am	6	148			200	Lead @ 12.4ppg 400sxs.	
135am	5	53			250	Tail @ 14.8ppg 200sxs	
144am						Shut dn	
145am						Drop plug	
SERVICE REPRESENTATIVE:				Signature Please		CUSTOMER REPRESENTATIVE:	
						Signature Please	
JOHN GARZA				X			

17737



Lease: Cholla 1 Fed

Date 12/11/2009

Job Type: 8 5/8 Intermediate

[illegible]

DATE : 12/10/2009		WELL :		CHOLLA 1 FEDERAL #14						
Casing OD	8 5/8	Grade J-55 / STC		Displacement bbl/ft		0.01268	Burst 3930		Torque	
Casing ID	8.097	Weight 24#		Capacity bbl/ft		0.06370	Collapse 2530		2955-4925	
Jt # or Item	Item or Jt. Lgth.	Total Length	Calc'd disp / jt	Calc'd tot disp	Actual tot disp	Calc Bbl to fill jt	Calc tot fill	Actual tot fill	Remarks Centrilizers	Depth 2300
1	1.40	1.40	0.0178	0.0178		0.08918	0.0892		F/S	2298.60
2	41.75	43.15	0.5294	0.5471		2.659475	2.7487		Centrilizers	2256.85
3	1.20	44.35	0.0152	0.5624		0.07644	2.8251		F/C	2255.65
4	42.15	86.50	0.5345	1.0968		2.684955	5.5101		Centrilizers	2213.50
5	42.04	128.54	0.5331	1.6299		2.677948	8.1880		Centrilizers	2171.46
6	41.77	170.31	0.5296	2.1595		2.660749	10.8487		Centrilizers	2129.69
7	41.14	211.45	0.5217	2.6812		2.620618	13.4694			2088.55
8	42.13	253.58	0.5342	3.2154		2.683681	16.1530		Centrilizers	2046.42
9	41.14	294.72	0.5217	3.7370		2.620618	18.7737			2005.28
10	42.12	336.84	0.5341	4.2711		2.683044	21.4567			1963.16
11	42.12	378.96	0.5341	4.8052		2.683044	24.1398			1921.04
12	42.16	421.12	0.5346	5.3398		2.685592	26.8253			1878.88
13	42.19	463.31	0.5350	5.8748		2.687503	29.5128			1836.69
14	42.16	505.47	0.5346	6.4094		2.685592	32.1984			1794.53
15	41.85	547.32	0.5307	6.9400		2.665845	34.8643			1752.68
16	42.17	589.49	0.5347	7.4747		2.686229	37.5505			1710.51
17	41.79	631.28	0.5299	8.0046		2.662023	40.2125			1668.72
18	42.10	673.38	0.5338	8.5385		2.68177	42.8943			1626.62
19	42.16	715.54	0.5346	9.0730		2.685592	45.5799			1584.46
20	42.19	757.73	0.5350	9.6080		2.687503	48.2674			1542.27
21	41.78	799.51	0.5298	10.1378		2.661386	50.9288			1500.49
22	42.16	841.67	0.5346	10.6724		2.685592	53.6144			1458.33
23	42.12	883.79	0.5341	11.2065		2.683044	56.2974			1416.21
24	41.74	925.53	0.5293	11.7357		2.658838	58.9563			1374.47
25	42.12	967.65	0.5341	12.2698		2.683044	61.6393			1332.35
26	41.62	1009.27	0.5277	12.7975		2.651194	64.2905			1290.73
27	42.17	1051.44	0.5347	13.3323		2.686229	66.9767			1248.56
28	42.17	1093.61	0.5347	13.8670		2.686229	69.6630			1206.39
29	41.87	1135.48	0.5309	14.3979		2.667119	72.3301			1164.52
30	41.69	1177.17	0.5286	14.9265		2.655653	74.9857			1122.83
31	41.03	1218.20	0.5203	15.4468		2.613611	77.5993			1081.80
32	41.62	1259.82	0.5277	15.9745		2.651194	80.2505			1040.18
33	42.15	1301.97	0.5345	16.5090		2.684955	82.9355			998.03
34	41.75	1343.72	0.5294	17.0384		2.659475	85.5950			956.28
35	42.16	1385.88	0.5346	17.5730		2.685592	88.2806			914.12
36	42.12	1428.00	0.5341	18.1070		2.683044	90.9636			872.00
37	42.14	1470.14	0.5343	18.6414		2.684318	93.6479			829.86
38	41.80	1511.94	0.5300	19.1714		2.66266	96.3106			788.06
39	41.81	1553.75	0.5302	19.7016		2.663297	98.9739			746.25
40	41.80	1595.55	0.5300	20.2316		2.66266	101.6365			704.45
41	41.78	1637.33	0.5298	20.7613		2.661386	104.2979			662.67
42	41.83	1679.16	0.5304	21.2917		2.664571	106.9625			620.84
43	42.07	1721.23	0.5334	21.8252		2.679859	109.6424			578.77
44	41.77	1763.00	0.5296	22.3548		2.660749	112.3031			537.00
45	41.76	1804.76	0.5295	22.8844		2.660112	114.9632			495.24
46	41.84	1846.60	0.5305	23.4149		2.665208	117.6284			453.40

47	41.68	1888.28	0.5285	23.9434		2.655016	120.2834			411.72
48	42.19	1930.47	0.5350	24.4784		2.687503	122.9709			369.53
49	42.15	1972.62	0.5345	25.0128		2.684955	125.6559			327.38
50	38.82	2011.44	0.4922	25.5051		2.472834	128.1287			288.56
51	42.08	2053.52	0.5336	26.0386		2.680496	130.8092			246.48
52	40.71	2094.23	0.5162	26.5548		2.593227	133.4025			205.77
53	39.27	2133.50	0.4979	27.0528		2.501499	135.9040			166.50
54	42.19	2175.69	0.5350	27.5877		2.687503	138.5915			124.31
55	42.14	2217.83	0.5343	28.1221		2.684318	141.2758			82.17
56	41.36	2259.19	0.5244	28.6465		2.634632	143.9104			40.81
57	42.16	2301.35	0.5346	29.1811		2.685592	146.5960			-1.35
58	42.13	2343.48	0.5342	29.7153		2.683681	149.2797		OUT	-43.48
59	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
60	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
61	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
62	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
63	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
64	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
65	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
66	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
67	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
68	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
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72	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
73	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
74	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
75	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
76	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
77	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
78	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
79	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
80	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
81	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
82	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
83	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
84	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
85	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
86	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
87	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
88	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
89	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
90	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
91	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
92	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
93	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
94	0.00	2343.48	0.0000	29.7153		0	149.2797			-43.48
95		2343.48	0.0000	29.7153		0	149.2797			-43.48
96		2343.48	0.0000	29.7153		0	149.2797			-43.48
97		2343.48	0.0000	29.7153		0	149.2797			-43.48
98		2343.48	0.0000	29.7153		0	149.2797			-43.48
99		2343.48	0.0000	29.7153		0	149.2797			-43.48