

Results of Directional Survey

API number:	30-025-41347			
OGRID:		Operator:	GMT EXPLORATION COMPANY LLC	
		Property:	MERCHANT LIVESTOCK 24 STATE COM	# 2H

surface	ULSTR:	N	24	T 22S	R 34E
				40 FSL	1700 FWL

BH Loc	ULSTR:	C	24	T 22S	R 34E
15944	MD	11160.5	TVD	323 FNL	1664 FWL
				4957 FSL	

Top Perf/OH	ULSTR:	N	24	T 22S	R 34E
11750	MD	11280.2	TVD	767 FSL	1696 FWL

Bot Perf/OH	ULSTR:	C	24	T 22S	R 34E
15836	MD	11163.3	TVD	431 FNL	1666 FWL
				4849 FSL	

	MD	N/S	E/W	VD
	11733	710.21	-4.04	11280.72
TOP PERFS/OH	11750	727.20	-4.15	11280.15
	11764	741.19	-4.24	11279.68
	15815	4788.43	-33.22	11163.88
BOT PERFS/OH	15836	4809.42	-33.63	11163.31
	15878	4851.39	-34.46	11162.16

NLR

NEXT TO LAST	15878	4851.39	-33.22	11162.16
LAST READING	15944	4917.36	-35.88	11160.45
TD	15944	4917.36	-35.88	11160.45

Surface Location	40	FS	1700	FW
Projected BHL	4957	FS	1664	FW
Location of				
Top Perfs/OH	767	FS	1696	FW
Bottom Perfs/OH	4849	FS	1666	FW

SUMMARY of Subsurface Locations

Surface Location	N-24-22S-34E	40	FS	1700	FW	Vert. Depth
Top Perfs/OH	N-24-22S-34E	767	FS	1696	FW	11280.15
Bottom Perfs/OH	C-24-22S-34E	4849	FS	1666	FW	11163.31
Projected TD	C-24-22S-34E	4957	FS	1664	FW	11160.45

APR 14 2014



McVay 4

GMT Exploration

REV 1



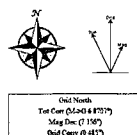
WELL	Merchant Livestock 24 State Com 2H	FIELD	Lea County, NM (NAD 83)	STRUCTURE	McVay 4
Magnetic Position		Surface Location	NAD83 New Mexico State Plane, Eastern Zone, US Feet	Miscellaneous	
Model:	B/GM 2012	Lat:	N 32 22 12.108	Start:	Merchant Livestock 24 State Com 2H Ref
Dip:	60.258°	Long:	W 103 25 36.249	Plan:	Rev1 mcs 12Nov13
Map Dec:	7.56°	Easting:	821242.40 DLS	Rev Date:	September 24, 2013
Date:	September 24, 2013	Northing:	499534.20 DLS	Scale:	0.483"
PS:	48157.46T	Scale:	0.483"		

HOBBS OCD

FEB 03 2014

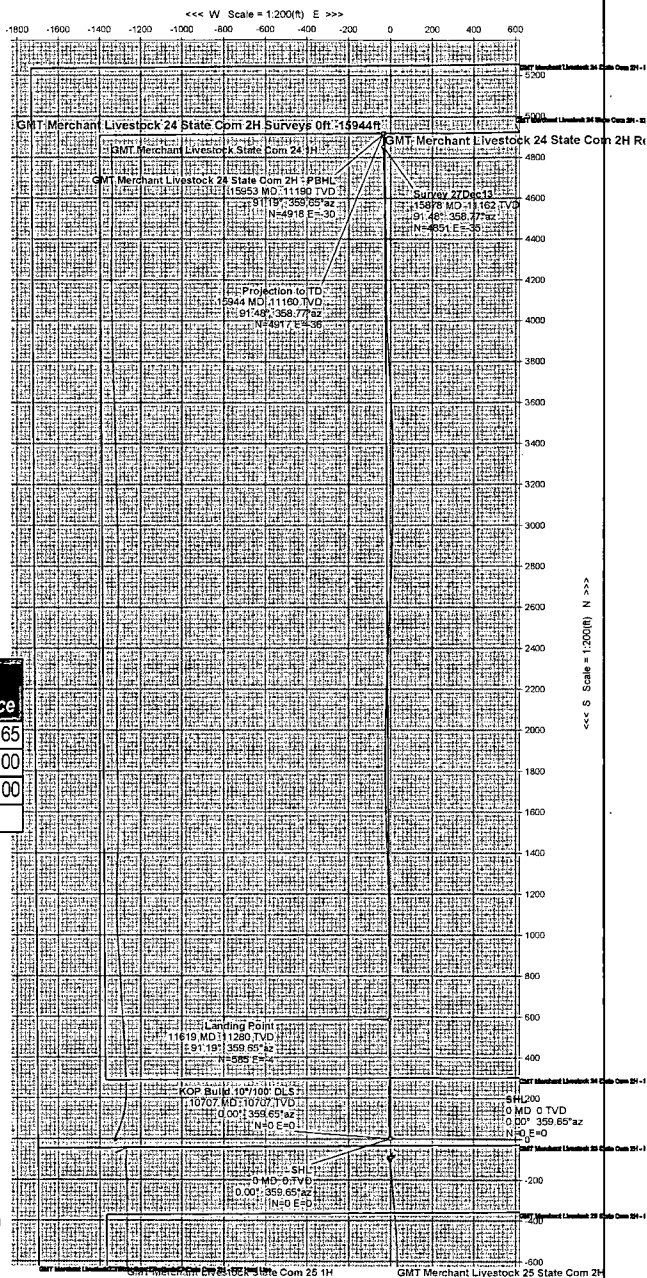
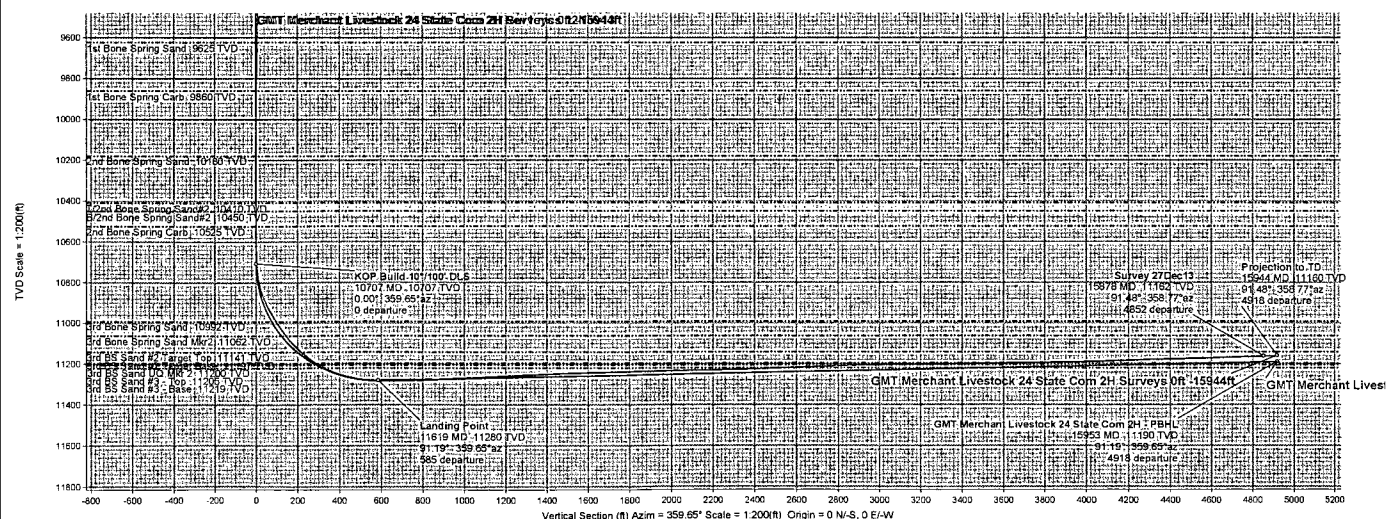
RECEIVED

Legend
GMT Merchant Livestock 24 State Com 2H Rev1 mcs 12Nov13
GMT Merchant Livestock 25 State Com 2H Surveys Off - 15935ft MD
GMT Merchant Livestock State Com 25 1H Surveys from Off to 15959ft MD
GMT Merchant Livestock State Com 24 1H Surveys from Off to 15852ft MD
GMT Merchant Livestock 24 State Com 2H Surveys Off - Update
GMT Merchant Livestock 24 State Com 2H Surveys Off - 15944ft



Critical Points

Comments	Survey MD	Inc	Azim	TVD	SSTVD	VS	NS	EW	Longitude	Latitude	Easting	Northing	DLS	Tool Face
SHL	0.00	0.00	359.65	0.00	-3494.50	0.00	0.00	0.00	W 103 25 36.249	N 32 22 12.108	821242.40	499534.20		359.65
KOP Build 10"/100' DLS	10707.17	0.00	359.65	10707.17	7212.67	0.00	0.00	0.00	W 103 25 36.249	N 32 22 12.108	821242.40	499534.20	0.00	0.00
Landing Point	11619.07	91.19	359.65	11280.00	7785.50	584.86	584.85	-3.59	W 103 25 36.233	N 32 22 17.895	821238.81	500119.04	10.00	0.00
PBHL	15952.76	91.19	359.65	11190.00	7695.50	4917.61	4917.52	-30.20	W 103 25 36.115	N 32 23 0.767	821212.20	504451.70	0.00	



Drawn By: JShaffer
Date Created: November 13, 2013 10:37:49 AM
Checked By:
Checked Date:
Approved By:
Approved Date:

**McVAY DRILLING COMPANY**

P.O. Box 2450
Hobbs, New Mexico 88241
(575) 397-3311
FAX: 39-DRILL

Well Name and Num: Merchant Livestock State Com 24-2H
Location: Sec 24, T22S, R34E
Operator: GMT
Drilling Contractor: McVay Drilling Company

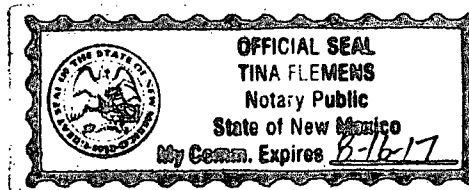
The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @</u>	<u>Depth</u>	<u>Degrees @</u>	<u>Depth</u>	<u>Degrees @</u>	<u>Depth</u>
0.40	383	1.83	6605	85.70	11603
0.30	723	1.44	7177	89.07	11669
0.20	1092	1.24	7463	90.14	12020
0.10	1599	0.42	7750	88.76	12503
0.30	1771	1.14	8037	90.10	13173
0.28	1946	1.14	8509	90.52	13269
0.75	2326	1.51	8887	89.62	13930
0.63	2611	1.65	9262	90.14	14311
1.20	3561	0.98	9925	89.72	15063
0.54	3846	1.36	10396	89.55	15156
0.56	3941	1.51	10491	89.69	15253
0.89	4415	0.64	10900	89.48	15724
0.41	4700	35.17	11070	89.52	15908
0.85	4984	77.23	11481		
0.13	5268	90.89	11671		
0.66	5845	92.20	11827		
0.31	6225	92.75	12401		

By: Hunter Cunn

Subscribed and sworn to before me this 31st day of December, 2013

Tina FLEMENS
Notary Public, Lea County, New Mexico



Reservoir Development

Drilling & Measurements (Anadrill)

4301 SW 44th St

Oklahoma City, Oklahoma 73119 USA

Phone: (405) 682-2284

Fax: (405) 682-3937

January 21, 2014

GMT Exploration Company, LLC

1560 Broadway, Suite 2000

Denver, CO 80202

HOBBS OCD**FEB 03 2014****RECEIVED**

Re:

CLIENT: GMT Exploration Company, LLC
WELL: Merchant Livestock 24 State Com 2H
FIELD: Ojo Chiso; Bone Spring, South
RIG: McVay 4
COUNTY: Lea
API NO: 30-025-41347
JOB NO: 13MLD0773

N-24-22S-34E 40 FSL 1700 FWL
N 32.37253 W 103.42674

Enclosed, please find the original copy of the survey performed on the referenced well by Drilling & Measurements, a division of Schlumberger Technology Corporation.

Other information required by your office is as follows.

<u>Name & Title of Surveyor</u>	<u>Drainhole Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Grant Obioha Field Engineer	Merchant Livestock 24 State Com 2H Original Hole	1851.00 Ft to 15878.00 Ft	November 24, 2013 to December 26, 2013	SlimPulse

If any other information is required, please contact the undersigned at the above letterhead and phone number.
Sincerely,

Jasem Alharer
Field Service Manager


1/21/14

HOBBS OCD

Schlumberger.

Reservoir Development

Drilling & Measurements (Anadrill)

4301 SW 44th St

Oklahoma City, Oklahoma 73119 USA

Phone: (405) 682-2284

Fax: (405) 682-3937

FEB 03 2014

RECEIVED

Well Reference:

N-24-22S-34E 40 FSL 1700 FWL

N 32.37253 W 103.42674

I, Grant Obioha certify that; I am employed by Drilling & Measurements (formerly Anadrill), a division of Schlumberger Technology Corporation; that I did on the day(s) of November 24, 2013 through December 26, 2013, conduct or supervise the taking of the SlimPulse surveys from a depth of 1851.00 feet to a depth of 15878.00 feet referenced to driller's depth; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of GMT Exploration Company, LLC for the Merchant Livestock 24 State Com 2H Well (Original Hole) API No. 30-025-41347 and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation.

By

Kurt Valentine II

Field Engineer

On behalf of

Grant Obioha

Field Engineer

Kurt Valentine II

Subscribed and Sworn to before me this 21st day of JANUARY (month) 2014 (yr)

My Commission expires:

8/23/14

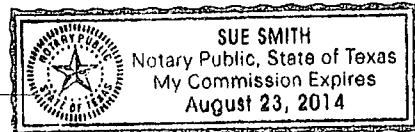
Sue Smith

(signature)

Notary Public

Midland Texas

(County State)



SCHLUMBERGER

Survey Report

13-Jan-2014

Client..... GMT Exploration, LLC
Field..... Ojo Chiso; Bone Spring, South

Well..... Merchant Livestock 24 State Com 2H
API number..... 30-025-41347
Engineer..... Grant Obioha

Spud date..... 19-Nov-13
Last survey date..... 26-Dec-13
Total accepted surveys... 179
MD of first survey..... 1851.00 ft
MD of last survey..... 15878.00 ft

Latitude..... 32° 22' 12.107" N
Longitude..... 103° 25' 36.249" W

County..... Lea
State..... New Mexico
Rig..... McVay 4

----- Survey calculation methods-----
Method for positions... Minimum curvature
Method for DLS..... Lubinski

----- Depth reference -----

Permanent datum..... MSL
Depth reference..... Driller's Depth
GI above permanent..... 3476.00
KB above permanent..... 3494.50
DF above permanent..... 3494.50

----- Vertical section origin-----

Latitude (+N/S)..... 0.00 ft
Departure (+E/W)..... 0.00 ft

----- Grid Coordinates -----

NAD27 Texas State Plane, Central Zone, US Feet
X..... 821242.40 ft
Y..... 499534.20 ft

Azimuth from Vsect Origin to target: 359.65 degrees

----- MWD Survey Reference Criteria-----

-----Run1----- Calculation Date: 23-Nov-2013
Location G....: 998.9432 mgn Tolerance G....: 2.50 mgn
Location B....: 48463.09 nT Tolerance B....: 300.00 nT
Magnetic Dip: 60.2749 degrees Tolerance Dip: 0.45 degrees

-----Run2----- Calculation Date: 28-Nov-2013
Location G....: 998.9432 mgn Tolerance G....: 2.50 mgn
Location B....: 48461.5 nT Tolerance B....: 300.00 nT
Magnetic Dip: 60.2745 degrees Tolerance Dip: 0.45 degrees

-----Run3----- Calculation Date: 7-Dec-2013
Location G....: 998.9432 mgn Tolerance G....: 2.50 mgn
Location B....: 48460.23 nT Tolerance B....: 300.00 nT
Magnetic Dip: 60.2742 degrees Tolerance Dip: 0.45 degrees

-----Run4----- Calculation Date: 5-Dec-2013
Location G....: 998.9432 mgn Tolerance G....: 2.50 mgn
Location B....: 48459.27 nT Tolerance B....: 300.00 nT
Magnetic Dip: 60.2739 degrees Tolerance Dip: 0.45 degrees

-----Run5----- Calculation Date: 6-Dec-2013
Location G....: 998.9432 mgn Tolerance G....: 2.50 mgn
Location B....: 48458.95 nT Tolerance B....: 300.00 nT
Magnetic Dip: 60.2738 degrees Tolerance Dip: 0.45 degrees

-----Run6----- Calculation Date: 8-Dec-2013
Location G....: 998.9432 mgn Tolerance G....: 2.50 mgn
Location B....: 48458.31 nT Tolerance B....: 300.00 nT
Magnetic Dip: 60.2737 degrees Tolerance Dip: 0.45 degrees

-----Run7----- Calculation Date: 12-Dec-2013
Location G....: 998.9432 mgn Tolerance G....: 2.50 mgn
Location B....: 48457.04 nT Tolerance B....: 300.00 nT
Magnetic Dip: 60.2733 degrees Tolerance Dip: 0.45 degrees

-----Run8----- Calculation Date: 18-Dec-2013
Location G....: 998.9432 mgn Tolerance G....: 2.50 mgn
Location B....: 48455.12 nT Tolerance B....: 300.00 nT
Magnetic Dip: 60.2728 degrees Tolerance Dip: 0.45 degrees

-----Run9----- Calculation Date: 21-Dec-2013
Location G....: 998.9432 mgn Tolerance G....: 2.50 mgn
Location B....: 48454.17 nT Tolerance B....: 300.00 nT
Magnetic Dip: 60.2726 degrees Tolerance Dip: 0.45 degrees

-----Run10----- Calculation Date: 23-Dec-2013
Location G....: 998.9432 mgn Tolerance G....: 2.50 mgn
Location B....: 48453.53 nT Tolerance B....: 300.00 nT
Magnetic Dip: 60.2724 degrees Tolerance Dip: 0.45 degrees

BGGM Model: 2013

-----Run1-----
Magnetic dec (+E/W).....: 7.3344 degrees
Grid Conv (+E/W).....: 0.4844 degrees
Total Azim Corr (+E/W)....: 6.85 degrees

-----Run2-----
Magnetic dec (+E/W).....: 7.3329 degrees
Grid Conv (+E/W).....: 0.4829 degrees
Total Azim Corr (+E/W)....: 6.85 degrees

-----Run3-----
Magnetic dec (+E/W).....: 7.3317 degrees
Grid Conv (+E/W).....: 0.4817 degrees
Total Azim Corr (+E/W)....: 6.85 degrees

-----Run4-----
Magnetic dec (+E/W).....: 7.3308 degrees
Grid Conv (+E/W).....: 0.4808 degrees
Total Azim Corr (+E/W)....: 6.85 degrees

-----Run5-----
Magnetic dec (+E/W).....: 7.3305 degrees
Grid Conv (+E/W).....: 0.4805 degrees
Total Azim Corr (+E/W).....: 6.85 degrees

-----Run6-----
Magnetic dec (+E/W).....: 7.3299 degrees
Grid Conv (+E/W).....: 0.4899 degrees
Total Azim Corr (+E/W).....: 6.84 degrees

-----Run7-----
Magnetic dec (+E/W).....: 7.3286 degrees
Grid Conv (+E/W).....: 0.4886 degrees
Total Azim Corr (+E/W).....: 6.84 degrees

-----Run8-----
Magnetic dec (+E/W).....: 7.3268 degrees
Grid Conv (+E/W).....: 0.4868 degrees
Total Azim Corr (+E/W).....: 6.84 degrees

-----Run9-----
Magnetic dec (+E/W).....: 7.3259 degrees
Grid Conv (+E/W).....: 0.4859 degrees
Total Azim Corr (+E/W).....: 6.84 degrees

-----Run10-----
Magnetic dec (+E/W).....: 7.3253 degrees
Grid Conv (+E/W).....: 0.4853 degrees
Total Azim Corr (+E/W).....: 6.84 degrees

-----Survey Correction Index Description-----
0 = Uncorrected 1 = Sag Corrected
2 = DMAG Corrected 3 = Sag + DMAG Corrected

Survey List														Correction	
Seq	MD (ft)	incl (deg)	Azim (deg)	Course (ft)	TVD (ft)	V Sec (ft)	N/S (ft)	E/W (ft)	Closure (ft)	at Azi (deg)	DLS (deg/100ft)	Tool			
1	0.00	0.00	0.00	-999.25	0.00	0.00	0.00	0.00	0	90.00	0.00	TIP	0		
2	383.00	0.40	74.00	383.00	383.00	0.36	0.37	1.29	1.34	74.00	0.10	GyroTool	0		
3	456.00	0.40	65.00	73.00	456.00	0.54	0.55	1.76	1.84	72.76	0.09	GyroTool	0		
4	547.00	0.40	87.00	91.00	546.99	0.68	0.70	2.37	2.47	73.58	0.17	GyroTool	0		
5	605.00	0.40	81.00	58.00	604.99	0.72	0.74	2.77	2.87	75.04	0.07	GyroTool	0		
6	723.00	0.30	128.00	118.00	722.99	0.59	0.61	3.42	3.47	79.82	0.25	GyroTool	0		
7	812.00	0.10	116.00	89.00	811.99	0.41	0.44	3.67	3.7	83.22	0.23	GyroTool	0		
8	901.00	0.20	154.00	89.00	900.99	0.24	0.26	3.81	3.82	86.06	0.15	GyroTool	0		
9	997.00	0.20	227.00	96.00	996.99	-0.03	0.00	3.76	3.76	90.03	0.25	GyroTool	0		
10	1092.00	0.20	160.00	95.00	1091.99	-0.29	-0.27	3.70	3.71	94.19	0.23	GyroTool	0		
11	1219.00	0.20	191.00	127.00	1218.99	-0.72	-0.70	3.73	3.79	100.58	0.08	GyroTool	0		
12	1314.00	0.10	212.00	95.00	1313.99	-0.95	-0.93	3.65	3.77	104.28	0.12	GyroTool	0		
13	1409.00	0.20	93.40	95.00	1408.99	-1.03	-1.01	3.78	3.91	104.98	0.28	GyroTool	0		
14	1504.00	0.00	136.00	95.00	1503.99	-1.04	-1.02	3.94	4.07	104.51	0.21	GyroTool	0		
15	1693.00	0.20	51.00	189.00	1692.99	-0.84	-0.81	4.20	4.28	100.95	0.11	GyroTool	0		
16	1771.00	0.30	31.00	78.00	1770.99	-0.58	-0.55	4.41	4.44	97.13	0.17	GyroTool	0		
17	1851.00	0.17	41.71	80.00	1850.98	-0.31	-0.28	4.60	4.6	93.52	0.17	SlimPulse	0		
18	1946.00	0.28	89.80	95.00	1945.98	-0.21	-0.18	4.92	4.92	92.04	0.22	SlimPulse	0		
19	2041.00	0.45	62.76	95.00	2040.98	-0.04	0.00	5.48	5.48	90.03	0.25	SlimPulse	0		
20	2136.00	0.45	92.20	95.00	2135.98	0.12	0.15	6.19	6.19	88.57	0.24	SlimPulse	0		
21	2231.00	0.88	81.70	95.00	2230.97	0.20	0.24	7.28	7.29	88.08	0.46	SlimPulse	0		
22	2326.00	0.75	69.19	95.00	2325.96	0.52	0.57	8.59	8.61	86.19	0.23	SlimPulse	0		
23	2421.00	0.35	216.66	95.00	2420.96	0.51	0.56	9.00	9.02	86.41	1.12	SlimPulse	0		
24	2516.00	0.77	106.62	95.00	2515.96	0.09	0.15	9.44	9.44	89.08	1.00	SlimPulse	0		
25	2611.00	0.63	114.11	95.00	2610.95	-0.31	-0.24	10.53	10.53	91.33	0.18	SlimPulse	0		
26	2706.00	0.38	138.80	95.00	2705.95	-0.77	-0.70	11.22	11.24	93.55	0.34	SlimPulse	0		
27	2801.00	0.52	256.71	95.00	2800.95	-1.10	-1.04	11.00	11.05	95.38	0.82	SlimPulse	0		
28	2896.00	0.82	249.04	95.00	2895.94	-1.44	-1.38	9.95	10.04	97.89	0.32	SlimPulse	0		
29	2991.00	1.00	267.78	95.00	2990.93	-1.71	-1.65	8.49	8.65	101.02	0.36	SlimPulse	0		
30	3086.00	0.93	268.88	95.00	3085.91	-1.74	-1.70	6.89	7.1	103.86	0.07	SlimPulse	0		
31	3181.00	0.80	280.46	95.00	3180.90	-1.63	-1.60	5.47	5.7	106.26	0.23	SlimPulse	0		
32	3276.00	1.01	284.35	95.00	3275.89	-1.29	-1.27	4.01	4.2	107.56	0.23	SlimPulse	0		
33	3371.00	0.80	319.32	95.00	3370.88	-0.58	-0.56	2.77	2.82	101.41	0.61	SlimPulse	0		
34	3466.00	1.11	358.44	95.00	3465.87	0.85	0.86	2.31	2.47	69.50	0.74	SlimPulse	0		
35	3561.00	1.20	19.50	95.00	3560.85	2.70	2.72	2.62	3.77	43.90	0.45	SlimPulse	0		
36	3656.00	1.71	40.13	95.00	3655.82	4.72	4.74	3.86	6.12	39.18	0.77	SlimPulse	0		
37	3751.00	0.93	27.36	95.00	3750.79	6.48	6.51	5.13	8.29	38.25	0.88	SlimPulse	0		
38	3846.00	0.54	37.44	95.00	3845.78	7.51	7.55	5.76	9.49	37.34	0.43	SlimPulse	0		
39	3941.00	0.56	11.53	95.00	3940.78	8.31	8.35	6.12	10.35	36.23	0.26	SlimPulse	0		
40	4035.00	0.37	42.84	94.00	4034.78	8.98	9.02	6.42	11.07	35.43	0.33	SlimPulse	0		
41	4130.00	0.21	284.91	95.00	4129.78	9.25	9.29	6.46	11.32	34.82	0.53	SlimPulse	0		
42	4225.00	0.18	217.83	95.00	4224.78	9.18	9.22	6.21	11.11	33.95	0.22	SlimPulse	0		
43	4320.00	0.56	206.48	95.00	4319.77	8.65	8.69	5.91	10.51	34.23	0.41	SlimPulse	0		
44	4415.00	0.89	211.96	95.00	4414.77	7.61	7.65	5.31	9.31	34.79	0.36	SlimPulse	0		
45	4510.00	0.79	209.99	95.00	4509.76	6.42	6.45	4.59	7.92	35.45	0.11	SlimPulse	0		
46	4605.00	0.67	210.75	95.00	4604.75	5.38	5.41	3.98	6.71	36.38	0.13	SlimPulse	0		
47	4700.00	0.41	231.17	95.00	4699.74	4.69	4.72	3.43	5.83	36.05	0.33	SlimPulse	0		
48	4794.00	0.37	257.95	94.00	4793.74	4.42	4.44	2.87	5.79	32.89	0.20	SlimPulse	0		
49	4889.00	0.51	295.01	95.00	4888.74	4.55	4.56	2.19	5.06	25.65	0.33	SlimPulse	0		
50	4984.00	0.85	293.05	95.00	4983.73	5.02	5.02	1.16	5.16	13.02	0.36	SlimPulse	0		
51	5079.00	0.93	296.46	95.00	5078.72	5.64	5.64	-0.18	5.65	358.20	0.10	SlimPulse	0		
52	5173.00	0.11	316.87	94.00	5172.72	6.05	6.05	-0.92	6.12	351.33	0.88	SlimPulse	0		
53	5268.00	0.14	244.44	95.00	5267.72	6.07	6.06	-1.09	6.16	349.81	0.16	SlimPulse	0		
54	5300.00	0.37	211.51	32.00	5299.72	5.97	5.96	-1.18	6.07	348.80	0.82	SlimPulse	0		
55	5371.00	0.10	181.39	71.00	5370.72	5.71	5.70	-1.30	5.85	347.14	0.40	SlimPulse	0		
56	5466.00	0.34	167.33	95.00	5465.71	5.35	5.34	-1.24	5.48	346.91	0.25	SlimPulse	0		
57	5561.00	0.55	176.40	95.00	5560.71	4.62	4.61	-1.15	4.75	345.98	0.23	SlimPulse	0		
58	5655.00	0.45	181.31	94.00	5654.71	3.80	3.79	-1.13	3.95	343.38	0.11	SlimPulse	0		
59	5750.00	0.66	198.51	95.00	5749.70	2.94	2.94	-1.30	3.21	336.12	0.23	SlimPulse	0		
60	5845.00	0.66	204.93	95.00	5844.70	1.97	1.96	-1.69	2.59	319.21	0.09	SlimPulse	0		
61	5940.00	0.70	224.08	95.00	5939.69	1.06	1.05	-2.33	2.55	294.20	0.24	SlimPulse	0		
62	6035.00	0.71	225.44	95.00	6034.68	0.24	0.22	-3.15	3.16	273.97	0.02	SlimPulse	0		
63	6130.00	0.62	228.65	95.00	6129.68	-0.51	-0.53	-3.95	3.99	262.34	0.10	SlimPulse	0		
64	6225.00	0.31	140.13	95.00	6224.68	-1.04	-1.07	-4.17	4.31	255.66	0.72	SlimPulse	0		
65	6320.00	1.37	83.41	95.00	6319.67	-1.11	-1.13	-2.88	3.09	248.54	1.30	SlimPulse	0		
66	6415.00	1.93	86.69	95.00	6414.63	-0.91	-0.91	-0.15	0.92	189.60	0.59	SlimPulse	0		
67	6510.00	1.78	79.80	95.00	6509.58	-0.57	-0.55	2.89	2.95	100.85	0.28	SlimPulse	0		
68	6605.00	1.83	81.87	95.00	6604.53	-0.11	-0.08	5.85	5.85	90.77	0.08	SlimPulse	0		
69	6700.00	0.98	92.70	95.00	6699.50	0.05	0.10	8.15	8.15	89.32	0.93	SlimPulse	0		
70	6794.00	1.22	304.13	94.00	6793.49	0.57	0.62	8.13	8.15	85.65	2.25	SlimPulse	0		
71	6890.00	1.64	296.41	96.00	6889.46	1.77	1.80	6.05	6.32	73.42	0.49	SlimPulse	0		
72	6986.00	1.71	292.37	96.00	6985.42	2.94	2.96	3.49	4.58	49.73	0.14	SlimPulse	0		
73	7081.00	1.55	287.62	95.00	7080.38	3.88	3.89	0.96	4.01	13.91	0.22	SlimPulse	0		
74	7177.00	1.44	228.20	96.00	7176.36	3.48	3.47	-1.17	3.67	341.32	1.55	SlimPulse	0		
75	7273.00	1.82	204.28	96.00	7272.32	1.29	1.28	-2.70	2.99	295.30	0.80	SlimPulse	0		
76	7368.00	1.98	204.39	95.00	7367.27	-1.57	-1.60	-4.00	4.31	248.27	0.17	SlimPulse	0		
77	7463.00	1.24	211.67	95.00	7462.23	-3.94	-3.97	-5.22	6.56	232.76	0.81	SlimPulse	0		

78	7559.00	0.52	303.26	96.00	7558.22	-4.58	-4.62	-6.13	7.68	233.03	1.42	SlimPulse	0
79	7654.00	0.66	271.41	95.00	7653.21	-4.32	-4.37	-7.04	8.28	238.18	0.37	SlimPulse	0
80	7750.00	0.42	290.24	96.00	7749.21	-4.18	-4.23	-7.92	8.98	241.88	0.31	SlimPulse	0
81	7846.00	0.28	280.35	96.00	7845.21	-4.02	-4.07	-8.48	9.4	244.46	0.16	SlimPulse	0
82	7941.00	0.32	253.70	95.00	7940.21	-4.05	-4.10	-8.96	9.86	245.40	0.15	SlimPulse	0
83	8037.00	1.14	27.22	96.00	8036.20	-3.27	-3.33	-8.78	9.39	249.25	1.44	SlimPulse	0
84	8131.00	1.15	25.56	94.00	8130.18	-1.59	-1.64	-7.95	8.11	258.34	0.04	SlimPulse	0
85	8226.00	0.86	27.39	95.00	8225.17	-0.10	-0.14	-7.21	7.21	268.86	0.31	SlimPulse	0
86	8321.00	0.68	353.22	95.00	8320.16	1.10	1.05	-6.94	7.02	278.63	0.51	SlimPulse	0
87	8415.00	0.43	219.65	94.00	8414.16	1.38	1.33	-7.24	7.36	280.45	1.10	SlimPulse	0
88	8509.00	1.14	157.25	94.00	8508.15	0.24	0.20	-7.10	7.1	271.58	1.08	SlimPulse	0
89	8603.00	0.89	165.52	94.00	8602.13	-1.34	-1.38	-6.56	6.7	258.13	0.31	SlimPulse	0
90	8697.00	0.52	190.83	94.00	8696.13	-2.46	-2.50	-6.45	6.92	248.81	0.51	SlimPulse	0
91	8793.00	0.34	314.89	96.00	8792.13	-2.68	-2.73	-6.74	7.27	247.96	0.79	SlimPulse	0
92	8887.00	1.51	339.85	94.00	8886.11	-1.32	-1.37	-7.36	7.48	259.48	1.29	SlimPulse	0
93	8982.00	1.74	331.29	95.00	8981.07	1.13	1.07	-8.48	8.55	277.21	0.35	SlimPulse	0
94	9077.00	2.15	331.59	95.00	9076.03	3.72	3.66	-9.89	10.54	290.30	0.08	SlimPulse	0
95	9169.00	2.15	1.00	92.00	9167.98	6.73	6.66	-10.55	12.48	302.27	1.15	SlimPulse	0
96	9262.00	1.65	30.78	93.00	9260.93	9.62	9.56	-9.83	13.71	314.18	1.17	SlimPulse	0
97	9357.00	0.66	88.55	95.00	9355.91	10.80	10.75	-8.59	13.76	321.38	1.49	SlimPulse	0
98	9452.00	1.31	140.13	95.00	9450.90	9.97	9.92	-7.34	12.34	323.51	1.10	SlimPulse	0
99	9547.00	0.75	154.31	95.00	9545.88	8.56	8.52	-6.37	10.64	323.23	0.64	SlimPulse	0
100	9641.00	0.60	190.54	94.00	9639.87	7.52	7.48	-6.19	9.71	320.38	0.47	SlimPulse	0
101	9736.00	1.65	175.45	95.00	9734.85	5.67	5.63	-6.18	8.36	312.36	1.13	SlimPulse	0
102	9831.00	1.31	175.92	95.00	9829.82	3.22	3.19	-5.99	6.79	298.02	0.35	SlimPulse	0
103	9925.00	0.98	180.53	94.00	9923.80	1.34	1.31	-5.92	6.06	282.46	0.36	SlimPulse	0
104	10019.00	1.09	205.02	94.00	10017.79	-0.27	-0.31	-6.31	6.32	267.18	0.48	SlimPulse	0
105	10113.00	1.03	223.41	94.00	10111.77	-1.69	-1.74	-7.27	7.47	256.56	0.37	SlimPulse	0
106	10207.00	0.43	188.15	94.00	10205.76	-2.65	-2.70	-7.90	8.35	251.12	0.77	SlimPulse	0
107	10301.00	0.63	241.68	94.00	10299.76	-3.25	-3.30	-8.41	9.03	248.58	0.55	SlimPulse	0
108	10395.00	1.36	34.52	95.00	10394.75	-2.57	-2.62	-8.23	8.64	252.36	2.05	SlimPulse	0
109	10491.00	1.51	78.34	95.00	10489.72	-0.54	-0.58	-6.99	7.02	265.25	0.23	SlimPulse	0
110	10579.00	1.39	35.07	88.00	10577.70	1.35	1.31	-5.83	5.98	282.68	0.24	SlimPulse	0
111	10695.00	1.39	35.85	16.00	10593.69	1.66	1.63	-5.61	5.84	286.19	0.12	SlimPulse	0
112	10658.00	0.83	16.17	63.00	10656.68	2.72	2.69	-5.03	5.7	298.11	1.06	SlimPulse	0
113	10690.00	0.64	6.07	32.00	10688.68	3.12	3.09	-4.95	5.83	301.98	0.72	SlimPulse	0
114	10722.00	3.38	359.31	32.00	10720.65	4.24	4.21	-4.94	6.49	310.44	8.58	SlimPulse	0
115	10753.00	6.16	358.46	31.00	10751.54	6.82	6.79	-5.00	8.43	323.64	8.96	SlimPulse	0
116	10784.00	9.06	359.66	31.00	10782.27	10.92	10.89	-5.05	12.01	335.10	9.40	SlimPulse	0
117	10817.00	12.64	358.87	33.00	10814.67	17.13	17.10	-5.14	17.86	343.27	10.85	SlimPulse	0
118	10849.00	17.33	357.48	32.00	10845.57	25.40	25.37	-5.42	25.94	347.94	14.69	SlimPulse	0
119	10880.00	21.72	355.67	31.00	10874.78	35.75	35.71	-6.06	36.22	350.37	14.28	SlimPulse	0
120	10912.00	24.65	355.78	32.00	10904.20	48.31	48.27	-6.99	48.77	351.76	9.15	SlimPulse	0
121	10943.00	28.01	356.32	31.00	10931.98	62.03	61.98	-7.94	62.49	352.70	10.86	SlimPulse	0
122	10975.00	32.68	356.04	32.00	10959.87	77.69	77.64	-8.70	78.13	354.61	8.75	SlimPulse	0
123	11007.00	32.36	0.01	32.00	10987.15	94.42	94.37	-8.98	94.79	354.57	6.16	SlimPulse	0
124	11038.00	32.67	1.11	31.00	11013.29	111.08	111.03	-8.82	111.38	355.46	2.16	SlimPulse	0
125	11070.00	35.17	1.44	32.00	11039.84	128.93	128.88	-8.42	129.15	356.26	7.82	SlimPulse	0
126	11101.00	37.11	359.66	31.00	11064.88	147.20	147.16	-8.25	147.39	356.79	7.14	SlimPulse	0
127	11133.00	40.35	359.09	32.00	11089.84	167.22	167.17	-8.47	167.39	357.10	10.19	SlimPulse	0
128	11165.00	44.40	359.70	32.00	11113.47	188.79	188.74	-8.69	188.94	357.36	12.70	SlimPulse	0
129	11196.00	46.85	0.45	31.00	11135.15	210.94	210.89	-8.66	211.07	357.65	8.11	SlimPulse	0
130	11228.00	49.21	1.77	32.00	11156.55	234.72	234.68	-8.20	234.82	358.00	7.99	SlimPulse	0
131	11260.00	52.79	2.58	32.00	11176.68	259.56	259.52	-7.25	259.63	358.40	11.35	SlimPulse	0
132	11292.00	56.24	3.10	32.00	11195.26	285.58	285.55	-5.96	285.61	358.81	10.87	SlimPulse	0
133	11323.00	59.94	2.86	31.00	11211.64	311.84	311.82	-4.59	311.85	359.16	11.95	SlimPulse	0
134	11355.00	65.21	1.28	32.00	11226.37	340.21	340.20	-3.57	340.21	359.40	17.03	SlimPulse	0
135	11386.00	69.58	359.65	32.00	11238.43	368.76	368.76	-3.36	368.76	359.48	13.24	SlimPulse	0
136	11418.00	71.61	358.36	32.00	11249.21	398.88	398.87	-3.91	398.89	359.44	8.91	SlimPulse	0
137	11450.00	73.88	358.43	32.00	11258.70	429.43	429.41	-4.77	429.44	359.36	7.09	SlimPulse	0
138	11481.00	77.23	359.52	31.00	11266.43	459.45	459.42	-5.30	459.45	359.34	11.33	SlimPulse	0
139	11513.00	80.07	0.32	32.00	11272.73	490.82	490.79	-5.34	490.82	359.38	9.21	SlimPulse	0
140	11544.00	82.62	0.51	31.00	11277.40	521.46	521.44	-5.12	521.46	359.44	8.23	SlimPulse	0
141	11576.00	85.76	0.46	32.00	11280.64	553.29	553.27	-4.85	553.29	359.50	9.84	SlimPulse	0
142	11607.00	88.97	0.78	31.00	11282.06	584.25	584.23	-4.51	584.25	359.56	10.39	SlimPulse	0
143	11639.00	90.58	0.52	32.00	11282.18	616.24	616.23	-4.15	616.24	359.61	5.12	SlimPulse	0
144	11671.00	90.89	0.21	32.00	11281.77	648.24	648.22	-3.95	648.24	359.65	1.36	SlimPulse	0
145	11701.00	90.65	359.97	30.00	11281.37	678.23	678.22	-3.90	678.23	359.67	1.13	SlimPulse	0
146	11733.00	91.65	359.52	32.00	11280.72	710.22	710.21	-4.04	710.22	359.67	3.43	SlimPulse	0
147	11764.00	92.20	359.73	31.00	11279.68	741.21	741.19	-4.24	741.21	359.67	1.91	SlimPulse	0
148	11796.00	92.30	359.68	32.00	11278.42	773.18	773.17	-4.41	773.18	359.67	0.37	SlimPulse	0
149	11827.00	92.20	359.65	31.00	11277.20	804.15	804.15	-4.59	804.16	359.67	0.35	SlimPulse	0
150	11859.00	92.61	359.23	32.00	11275.86	836.13	836.12	-4.90	836.13	359.66	1.84	SlimPulse	0
151	11891.00	92.92	359.51	32.00	11274.31	868.09	868.08	-5.25	868.09	359.65	1.29	SlimPulse	0
152	11923.00	92.65	359.81	32.00	11272.76	900.05	900.04	-5.44	900.05	359.65	1.27	SlimPulse	0
153	11955.00	92.65	359.82	32.00	11271.28	932.02	932.00	-5.54	932.02	359.66	0.04	SlimPulse	0
154	12019.00	92.68	359.57	64.00	11268.30	995.95	995.93	-5.88	995.95	359.66	0.39	SlimPulse	0
155	12114.00	92.75	359.11	95.00	11263.80	1090.84	1090.82	-6.97	1090.84	359.63	0.49	SlimPulse	0
156	12210.00	92.79	358.98	96.00	11259.16	1186.72	1186.69	-8.57	1186.72	359.59	0.14	SlimPulse	0
157	12306.00	91.96	357.99	96.00	11255.18	1282.62	1282.58	-11.10	1282.62	359.50	1.35	SlimPulse	0
158	12401.00	92.75	357.70	95.00	11251.27	1377.49	1377.43	-14.68	1377.51	359.39	0.89	SlimPulse	0
159	12497.00	92.65	358.14	96.00	11246.75	1473.34	1473.26	-18.16	1473.37	359.29	0.47	SlimPulse	0
160	12593.00	91.55	358.39	96.00	11243.23	1569.25	1569.15	-21.07	1569.29	359.23	1.18	SlimPulse	0
161	12688.00	91.51	359.19	95.00	11240.70	1664.20	1664.09	-23.08	1664.25	359.21	0.85	SlimPulse	0
162	12784.00	91.63	359.63	96.00	11238.16	1760.22	1760.17	-24.07	1760.22	359.22	0.44	SlimPulse	0
163	12880.00	91.69	359.88	96.00	11235.48	1856.13	1856.01	-24.47	1856.18	359.24	0.32	SlimPulse	0
164	12976.00	91.48	0.65	96.00	11232.83	1952.09	1951.98	-24.03	1952.12	359.29	0.82	SlimPulse	0
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