

Reservoir Development
PathFinder, a Schlumberger Company
9200 West Reno Avenue
Oklahoma City, Oklahoma 73127 USA
Phone: (405) 789-1515
Fax: (405) 789-1519



15 41720

NM OIL CONSERVATION

ARTESIA DISTRICT

December 30, 2014

FEB 10 2015

Cimarex
600 N MARIENFELD STREET SUITE 600
MIDLAND, TX 79701

RECEIVED

Re:

Sec 31, T24S, R27E Eddy NM
N 32.16716 W 104.23632

CLIENT: Cimarex Energy Co. of Colorado
WELL: Taos Federal 5H
FIELD: Cotton Draw, BS
RIG: Cactus 116
COUNTY: Eddy
API NO: 30-015-41720
JOB NO: 14MLD0506

Enclosed, please find the original copy of the survey performed on the referenced well by PathFinder, 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>
De'Jon Douglas MWD	Taos Federal 5H Original Hole	6745.00 Ft to 11744.00 Ft	November 29, 2014 to December 7, 2014	SlimPulse

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

Joseph Hogan
Field Service Manager

Reservoir Development

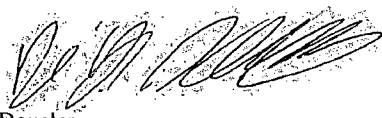
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Oklahoma City, Oklahoma 73127 USA
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PATHFINDER
A Schlumberger Company

Well Reference:

Sec 31, T24S, R27E Eddy NM
N 32.16716 W 104.23632

I, De'Jon Douglas certify that; I am employed by PathFinder, a division of Schlumberger Technology Corporation; that I did on the day(s) of November 29, 2014 through December 07, 2014, conduct or supervise the taking of the SlimPulse surveys from a depth of 6745.00 feet to a depth of 11744.00 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 Cimarex Energy Co of Colorado for the Taos Federal 5H Well (Original Hole) API No. 30-015-41720 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 
De'Jon Douglas
MWD

Subscribed and Sworn to before me this 30 day of December (month) 2014 (yr)

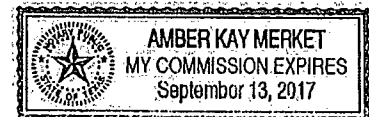
My Commission expires:

September 13, 2017

Amber Kay Merket
Notary Public

(signature)

Midland County, Texas
(County State)



SCHLUMBERGER

Survey Report

29-Dec-2014

Client..... Cimarex Energy Co of Colo
 Field..... Cotton Draw, BS

Well..... Taos Federal 5H
 API number..... 30-015-41720
 Engineer..... D. Douglas

Spud date..... 20-Nov-14
 Last survey date..... 7-Dec-14
 Total accepted surveys..... 66
 MD of first survey..... 6745.00 ft
 MD of last survey..... 11744.00 ft

County..... Eddy
 State..... New Mexico
 Rig..... Cactus 116

Latitude..... 32° 10' 1.786" N
 Longitude..... 104° 14' 10.735" W

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

----- Depth reference -----
 Permanent datum..... MSL
 Depth reference..... Driller's Depth
 GL above permanent..... 3355.00'
 KB above permanent..... 3373.00'
 DF above permanent..... 3373.00'

----- 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..... 571335.70 ft
 Y..... 424562.40 ft

Azimuth from Vsect Origin to target: 359.73 degrees

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

----- Run1 ----- Calculation Date: 29-Nov-2014
 Location G..... 998.63244 mgn Tolerance G..... 2.50 mgn
 Location B..... 48278.75 nT Tolerance B..... 300.00 nT
 Magnetic Dip: 59.95 degrees Tolerance Dip: 0.45 degrees

----- Run2 ----- Calculation Date: 1-Dec-2014
 Location G..... 998.63244 mgn Tolerance G..... 2.50 mgn
 Location B..... 48278.75 nT Tolerance B..... 300.00 nT
 Magnetic Dip: 59.95 degrees Tolerance Dip: 0.45 degrees

----- Run3 ----- Calculation Date: 2-Dec-2014
 Location G..... 998.63244 mgn Tolerance G..... 2.50 mgn
 Location B..... 48278.75 nT Tolerance B..... 300.00 nT
 Magnetic Dip: 59.95 degrees Tolerance Dip: 0.45 degrees

----- Run4 ----- Calculation Date: 4-Dec-2014
 Location G..... 998.63244 mgn Tolerance G..... 2.50 mgn
 Location B..... 48278.75 nT Tolerance B..... 300.00 nT
 Magnetic Dip: 59.95 degrees Tolerance Dip: 0.45 degrees

HDGM Model: 2014

----- Run1 -----
 Magnetic dec (+E/-W)..... 7.717 degrees
 Grid Conv (+E/-W)..... 0.047 degrees
 Total Azim Corr (+E/-W)..... 7.67 degrees

----- Run2 -----
 Magnetic dec (+E/-W)..... 7.717 degrees
 Grid Conv (+E/-W)..... 0.047 degrees
 Total Azim Corr (+E/-W)..... 7.67 degrees

----- Run3 -----
 Magnetic dec (+E/-W)..... 7.717 degrees
 Grid Conv (+E/-W)..... 0.047 degrees
 Total Azim Corr (+E/-W)..... 7.67 degrees

-----Run4-----
Magnetic dec (+E/W)-: 7.717 degrees
Grid Conv (+E/W)-: 0.047 degrees
Total Azim Corr (+E/W)-: 7.67 degrees

-----Survey Correction Index Description-----

0 = Uncorrected 1 = Sag Corrected

2 = DMAG Corrected 3 = Sag + DMAG Corrected

-----Survey List-----

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	Correction
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	139.00	1.19	241.08	139.00	138.99	-0.69	-0.70	-1.26	1.44	241.08	0.86	Other	0
3	205.00	1.10	231.26	66.00	204.98	-1.41	-1.43	-2.36	2.76	238.83	0.33	Other	0
4	265.00	1.33	234.70	60.00	264.96	-2.17	-2.19	-3.37	4.02	237.04	0.40	Other	0
5	315.00	1.50	237.91	50.00	314.95	-2.85	-2.87	-4.40	5.26	236.89	0.38	Other	0
6	414.00	1.59	234.47	99.00	413.91	-4.33	-4.36	-6.62	7.92	236.64	0.13	Other	0
7	507.00	1.81	241.61	93.00	506.87	-5.76	-5.81	-8.96	10.68	237.06	0.33	Other	0
8	567.00	1.90	238.31	60.00	566.84	-6.73	-6.78	-10.64	12.62	237.50	0.23	Other	0
9	630.00	1.90	235.18	63.00	629.81	-7.87	-7.92	-12.39	14.7	237.39	0.16	Other	0
10	725.00	2.21	230.60	95.00	724.74	-9.92	-9.99	-15.09	18.1	236.51	0.37	Other	0
11	819.00	2.30	232.27	94.00	818.67	-12.21	-12.29	-17.99	21.79	235.65	0.12	Other	0
12	913.00	2.12	235.40	94.00	912.60	-14.33	-14.43	-20.91	25.41	235.39	0.23	Other	0
13	1002.00	1.90	237.60	89.00	1001.55	-16.05	-16.16	-23.51	28.53	235.50	0.26	Other	0
14	1091.00	1.72	242.10	89.00	1090.50	-17.45	-17.57	-25.94	31.33	235.88	0.26	Other	0
15	1183.00	1.41	258.36	92.00	1182.47	-18.31	-18.45	-28.27	33.75	236.87	0.59	Other	0
16	1271.00	1.02	268.67	88.00	1270.45	-18.54	-18.68	-30.11	35.44	238.18	0.51	Other	0
17	1369.00	0.62	98.92	98.00	1368.44	-18.64	-18.79	-30.46	35.79	238.33	1.67	Other	0
18	1464.00	2.03	94.69	95.00	1463.42	-18.87	-19.00	-28.27	34.07	236.09	1.49	Other	0
19	1560.00	1.10	79.27	96.00	1559.38	-18.85	-18.97	-25.67	31.92	233.54	1.05	Other	0
20	1652.00	1.90	81.08	92.00	1651.35	-18.46	-18.57	-23.30	29.79	231.44	0.87	Other	0
21	1746.00	3.40	86.28	94.00	1745.24	-18.06	-18.15	-18.98	26.26	226.28	1.61	Other	0
22	1842.00	3.14	92.80	96.00	1841.09	-18.03	-18.09	-13.51	22.58	216.75	0.47	Other	0
23	1934.00	1.59	97.43	92.00	1933.01	-18.33	-18.38	-9.73	20.8	207.89	1.70	Other	0
24	2032.00	1.19	100.60	98.00	2030.98	-18.71	-18.74	-7.38	20.14	201.49	0.42	Other	0
25	2222.00	1.02	92.31	190.00	2220.94	-19.16	-19.17	-3.75	19.54	191.07	0.12	Other	0
26	2315.00	1.10	100.03	93.00	2313.93	-19.35	-19.36	-2.04	19.47	186.03	0.18	Other	0
27	2507.00	0.80	75.57	192.00	2505.90	-19.35	-19.35	1.07	19.38	176.84	0.26	Other	0
28	2602.00	1.10	82.75	95.00	2600.89	-19.08	-19.07	2.62	19.25	172.19	0.34	Other	0
29	2697.00	0.71	64.82	95.00	2695.88	-18.72	-18.70	4.05	19.14	167.77	0.50	Other	0
30	2791.00	0.40	71.65	94.00	2789.87	-18.38	-18.35	4.89	18.99	165.08	0.34	Other	0
31	2883.00	0.49	118.97	92.00	2881.87	-18.47	-18.44	5.54	19.26	163.28	0.40	Other	0
32	2979.00	0.40	123.78	96.00	2977.87	-18.86	-18.83	6.18	19.82	161.83	0.10	Other	0
33	3076.00	0.49	121.09	97.00	3074.86	-19.26	-19.23	6.81	20.4	160.49	0.10	Other	0
34	3169.00	0.22	90.51	93.00	3167.86	-19.47	-19.44	7.33	20.77	159.33	0.34	Other	0
35	3262.00	0.31	166.79	93.00	3260.86	-19.72	-19.68	7.57	21.09	158.96	0.36	Other	0
36	3355.00	0.31	162.87	93.00	3353.86	-20.20	-20.17	7.70	21.59	159.10	0.02	Other	0
37	3452.00	0.22	33.35	97.00	3450.86	-20.30	-20.26	7.88	21.74	158.75	0.50	Other	0
38	3548.00	0.31	224.16	96.00	3546.86	-20.33	-20.30	7.80	21.74	158.97	0.55	Other	0
39	3642.00	0.40	243.42	94.00	3640.86	-20.66	-20.63	7.33	21.89	160.43	0.16	Other	0
40	3737.00	0.09	234.70	95.00	3735.86	-20.85	-20.82	6.97	21.95	161.48	0.33	Other	0
41	3830.00	0.40	266.69	93.00	3828.86	-20.91	-20.88	6.59	21.89	162.48	0.35	Other	0
42	3924.00	0.62	255.23	94.00	3922.85	-21.05	-21.03	5.77	21.8	164.65	0.26	Other	0
43	4019.00	0.22	270.87	95.00	4017.85	-21.18	-21.16	5.09	21.76	166.47	0.43	Other	0
44	4113.00	0.31	213.15	94.00	4111.85	-21.39	-21.37	4.77	21.89	167.41	0.28	Other	0
45	4207.00	0.22	301.68	94.00	4205.85	-21.50	-21.48	4.48	21.95	168.22	0.40	Other	0
46	4301.00	0.22	268.89	94.00	4299.85	-21.41	-21.39	4.14	21.79	169.03	0.13	Other	0
47	4396.00	0.71	262.55	95.00	4394.84	-21.49	-21.47	3.38	21.74	171.06	0.52	Other	0
48	4490.00	0.62	231.96	94.00	4488.84	-21.87	-21.86	2.40	21.99	173.73	0.38	Other	0
49	4584.00	0.71	229.19	94.00	4582.83	-22.56	-22.55	1.56	22.61	176.04	0.10	Other	0
50	4679.00	0.80	229.58	95.00	4677.82	-23.37	-23.37	0.61	23.38	178.51	0.09	Other	0
51	4773.00	1.19	227.47	94.00	4771.81	-24.45	-24.45	-0.61	24.46	181.43	0.42	Other	0
52	4868.00	1.19	243.82	95.00	4866.79	-25.55	-25.56	-2.22	25.65	184.97	0.36	Other	0
53	4963.00	1.10	224.34	95.00	4961.77	-26.63	-26.64	-3.74	26.91	188.00	0.42	Other	0
54	5062.00	1.50	225.75	99.00	5060.74	-28.20	-28.23	-5.34	28.73	190.71	0.41	Other	0
55	5157.00	1.50	223.37	95.00	5155.71	-29.97	-30.00	-7.08	30.82	193.28	0.07	Other	0
56	5252.00	1.19	225.35	95.00	5250.68	-31.56	-31.60	-8.64	32.76	195.29	0.33	Other	0
57	5344.00	1.50	205.92	92.00	5342.66	-33.30	-33.35	-9.84	34.77	196.44	0.59	Other	0
58	5439.00	1.59	207.59	95.00	5437.63	-35.59	-35.64	-11.00	37.3	197.15	0.11	Other	0
59	5533.00	1.50	231.08	94.00	5531.59	-37.51	-37.57	-12.56	39.61	198.48	0.68	Other	0
60	5627.00	1.59	226.28	94.00	5625.56	-39.17	-39.24	-14.46	41.82	200.23	0.17	Other	0
61	5721.00	2.43	215.04	94.00	5719.50	-41.70	-41.77	-16.54	44.93	201.61	0.98	Other	0
62	5816.00	1.50	218.74	95.00	5814.44	-44.30	-44.39	-18.48	48.09	202.60	0.99	Other	0
63	5912.00	1.59	194.77	96.00	5910.41	-46.57	-46.66	-19.61	50.61	202.79	0.67	Other	0
64	6006.00	1.81	200.90	94.00	6004.37	-49.21	-49.31	-20.47	53.39	202.54	0.30	Other	0
65	6099.00	2.03	194.20	93.00	6097.32	-52.18	-52.28	-21.40	56.49	202.26	0.34	Other	0
66	6194.00	1.19	174.10	95.00	6192.28	-54.79	-54.89	-21.71	59.03	201.58	1.05	Other	0
67	6288.00	0.88	173.53	94.00	6286.26	-56.48	-56.58	-21.52	60.53	200.83	0.33	Other	0
68	6383.00	0.31	194.59	95.00	6381.26	-57.45	-57.55	-21.51	61.44	200.49	0.63	Other	0
69	6478.00	0.71	224.34	95.00	6476.25	-58.12	-58.22	-21.98	62.23	200.69	0.49	Other	0

70	6573.00	1.19	213.72	95.00	6571.24	-59.35	-59.46	-22.94	63.74	201.10	0.54	Other	0
71	6656.00	1.59	205.39	83.00	6654.22	-61.11	-61.22	-23.91	-65.72	201.34	0.54	Other	0
72	6745.00	2.41	356.52	89.00	6743.19	-60.55	-60.47	-24.56	-65.26	202.10	4.36	SlimPulse	0
73	6840.00	9.32	355.24	95.00	6837.64	-50.68	-50.80	-25.32	-56.76	206.49	7.28	SlimPulse	0
74	6934.00	20.74	13.17	94.00	6928.31	-26.80	-26.91	-22.15	-34.85	219.46	12.98	SlimPulse	0
75	6964.00	23.73	17.11	30.00	6956.08	-15.87	-15.96	-19.16	-24.94	230.20	11.11	SlimPulse	0
76	7039.00	30.43	27.62	65.00	7013.96	-11.20	-11.17	-7.66	13.54	325.55	12.64	SlimPulse	0
77	7061.00	33.24	31.97	32.00	7041.14	25.79	25.79	0.74	25.8	1.65	11.32	SlimPulse	0
78	7158.00	37.22	32.69	97.00	7120.36	72.91	73.05	30.67	79.23	22.78	4.13	SlimPulse	0
79	7205.00	40.82	23.49	47.00	7156.90	98.93	99.14	44.49	108.66	24.17	14.50	SlimPulse	0
80	7240.00	44.07	16.15	35.00	7182.74	121.09	121.34	52.44	132.19	23.37	16.91	SlimPulse	0
81	7270.00	47.37	11.28	30.00	7203.69	141.93	142.20	37.50	153.38	22.02	15.99	SlimPulse	0
82	7300.00	50.72	6.55	30.00	7223.36	164.28	164.57	60.99	175.51	20.33	16.31	SlimPulse	0
83	7333.00	54.05	2.24	33.00	7243.50	190.32	190.62	62.97	200.75	18.28	14.46	SlimPulse	0
84	7364.00	56.99	1.30	31.00	7261.05	215.86	216.16	63.76	225.36	16.43	9.81	SlimPulse	0
85	7394.00	60.15	0.81	30.00	7276.69	241.44	241.75	64.23	250.14	14.88	10.63	SlimPulse	0
86	7428.00	63.01	359.58	34.00	7292.87	271.34	271.65	64.32	279.16	13.32	9.00	SlimPulse	0
87	7459.00	65.70	357.59	31.00	7305.29	295.28	295.58	63.62	306.26	11.99	10.40	SlimPulse	0
88	7490.00	68.04	355.03	31.00	7318.47	327.73	328.03	61.79	333.79	10.97	10.71	SlimPulse	0
89	7522.00	71.41	333.73	32.00	7329.55	357.61	357.89	58.84	362.7	9.34	11.20	SlimPulse	0
90	7554.00	76.14	352.91	32.00	7338.49	388.14	388.40	55.27	392.31	8.10	14.99	SlimPulse	0
91	7584.00	80.33	352.28	30.00	7344.61	417.27	417.52	51.48	420.68	7.03	14.10	SlimPulse	0
92	7618.00	84.38	352.79	34.00	7349.13	450.70	450.92	47.10	453.38	5.96	12.02	SlimPulse	0
93	7649.00	87.11	333.01	31.00	7351.43	481.39	481.60	43.28	483.54	5.14	8.82	SlimPulse	0
94	7679.00	87.49	333.82	30.00	7352.85	511.17	511.37	39.85	512.92	4.46	2.98	SlimPulse	0
95	7759.00	88.69	354.09	80.00	7354.96	550.74	550.89	31.43	551.73	3.04	2.52	SlimPulse	0
96	7871.00	88.68	354.81	112.00	7356.74	702.25	702.35	20.60	702.65	1.68	0.96	SlimPulse	0
97	7965.00	88.62	354.96	94.00	7358.94	795.88	795.95	12.22	796.04	0.88	0.17	SlimPulse	0
98	8060.00	88.59	355.27	95.00	7361.25	890.54	890.57	4.08	890.58	0.26	0.27	SlimPulse	0
99	8154.00	88.62	356.27	94.00	7363.54	984.29	984.28	-2.91	984.29	359.83	1.13	SlimPulse	0
100	8248.00	88.62	357.38	94.00	7365.80	1078.14	1078.11	-8.11	1078.14	359.57	1.18	SlimPulse	0
101	8343.00	88.62	358.57	95.00	7368.08	1173.06	1173.02	-11.46	1173.08	359.44	1.25	SlimPulse	0
102	8438.00	88.93	357.81	95.00	7370.10	1268.01	1267.95	-14.46	1268.03	359.35	0.86	SlimPulse	0
103	8533.00	89.42	358.19	95.00	7371.47	1362.95	1362.88	-17.77	1363	359.25	0.65	SlimPulse	0
104	8627.00	90.00	359.18	94.00	7371.95	1456.93	1456.86	-19.93	1456.99	359.22	1.22	SlimPulse	0
105	8722.00	90.07	359.43	95.00	7371.90	1551.93	1551.85	-21.08	1551.99	359.22	0.27	SlimPulse	0
106	8816.00	90.10	358.55	94.00	7371.76	1645.82	1645.83	-22.74	1645.99	359.21	0.95	SlimPulse	0
107	8910.00	90.14	357.87	94.00	7371.56	1739.79	1739.79	-25.67	1739.98	359.15	0.73	SlimPulse	0
108	9004.00	90.31	359.47	94.00	7371.19	1833.87	1833.76	-27.85	1833.97	359.13	1.71	SlimPulse	0
109	9098.00	89.90	359.14	94.00	7371.02	1927.87	1927.75	-28.99	1927.97	359.14	0.56	SlimPulse	0
110	9193.00	89.90	359.17	95.00	7371.19	2022.86	2022.74	-30.40	2022.97	359.16	1.09	SlimPulse	0
111	9287.00	90.21	0.14	94.00	7371.11	2116.86	2116.74	-30.96	2116.96	359.16	1.09	SlimPulse	0
112	9381.00	89.97	0.42	94.00	7370.97	2210.86	2210.74	-30.50	2210.95	359.21	0.39	SlimPulse	0
113	9475.00	90.10	0.15	94.00	7370.91	2304.85	2304.73	-30.03	2304.93	359.25	0.33	SlimPulse	0
114	9570.00	90.00	0.03	95.00	7370.83	2399.85	2399.73	-29.88	2399.92	359.29	0.16	SlimPulse	0
115	9664.00	90.31	0.90	94.00	7370.57	2493.84	2493.73	-29.12	2493.9	359.33	0.98	SlimPulse	0
116	9759.00	90.38	2.60	95.00	7370.00	2588.78	2588.68	-26.21	2588.81	359.42	1.79	SlimPulse	0
117	9853.00	90.14	3.91	94.00	7369.58	2682.53	2682.53	-20.88	2682.61	359.55	1.42	SlimPulse	0
118	9948.00	90.34	4.44	95.00	7369.18	2777.31	2777.27	-13.96	2777.31	359.71	0.59	SlimPulse	0
119	10043.00	89.90	3.95	95.00	7368.98	2872.02	2872.02	-7.01	2872.03	359.86	0.70	SlimPulse	0
120	10138.00	89.73	3.22	95.00	7369.29	2966.83	2966.83	-1.07	2966.83	359.98	0.79	SlimPulse	0
121	10232.00	89.79	2.70	94.00	7369.69	3060.65	3060.70	3.78	3060.71	0.07	0.56	SlimPulse	0
122	10327.00	89.66	1.01	95.00	7370.14	3155.58	3155.65	6.85	3155.66	0.12	1.79	SlimPulse	0
123	10422.00	89.59	359.75	95.00	7370.77	3250.57	3250.64	7.48	3250.65	0.13	1.33	SlimPulse	0
124	10517.00	89.66	358.31	95.00	7371.40	3345.56	3345.63	5.87	3345.63	0.10	1.51	SlimPulse	0
125	10611.00	89.66	357.46	94.00	7371.62	3439.51	3439.56	2.40	3439.56	0.04	1.00	SlimPulse	0
126	10706.00	90.03	356.47	95.00	7371.54	3534.43	3534.43	-2.63	3534.43	359.96	1.04	SlimPulse	0
127	10800.00	89.93	355.83	94.00	7371.57	3628.21	3628.21	-8.94	3628.22	359.86	0.69	SlimPulse	0
128	10894.00	89.83	356.28	94.00	7371.76	3722.02	3721.99	-15.40	3722.02	359.76	0.49	SlimPulse	0
129	10988.00	90.69	356.27	94.00	7371.34	3815.85	3815.79	-27.62	3815.85	359.68	0.91	SlimPulse	0
130	11083.00	90.93	356.34	95.00	7370.00	3910.67	3910.58	-27.62	3910.68	359.60	0.26	SlimPulse	0
131	11177.00	91.03	357.06	94.00	7368.39	4004.52	4004.41	-33.03	4004.55	359.53	0.77	SlimPulse	0
132	11271.00	91.31	358.07	94.00	7366.47	4098.44	4098.31	-37.02	4098.47	359.48	1.11	SlimPulse	0
133	11365.00	91.37	358.62	94.00	7364.27	4192.24	4192.24	-39.73	4192.43	359.46	0.58	SlimPulse	0
134	11460.00	91.79	359.63	95.00	7361.65	4287.34	4287.19	-41.18	4287.39	359.45	1.15	SlimPulse	0
135	11555.00	91.96	0.02	95.00	7358.94	4382.29	4382.14	-41.47	4382.34	359.46	0.45	SlimPulse	0
136	11649.00	91.92	0.87	94.00	7355.35	4476.23	4476.08	-40.73	4476.27	359.48	0.90	SlimPulse	0
137	11744.00	91.82	1.19	95.00	7352.24	4571.15	4571.02	-39.02	4571.18	359.51	0.36	SlimPulse	0
138	11838.00	91.82	1.19	84.00	7349.57	4655.08	4654.96	-37.27	4655.11	359.54	0.01	PROJ	7