

N-ZONE GUIDANCE LLC.

Railroad Commission of Texas
Oil and Gas Division
PO Box 12967
Capitol Station
Austin, TX 78711

Attention:

Re Felix Energy
UL Guanella 0504-17 3H
Ward County, Texas
API # 42-475-37482

Enclosed, please find the original and one copy of the survey performed on the referenced well by N-Zone Guidance MWD TECH., a division of N-Zone Guidance LLC. 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>
<u>Dennis Scully</u> <u>MWD Supervisor</u>	<u>#3 SWD</u>	<u>136' to 1414'</u>	<u>03/28/2018 – 03/30/2018'</u>	<u>MWD</u>

A certified plat on which the bottom hole is oriented both to the surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Sincerely,

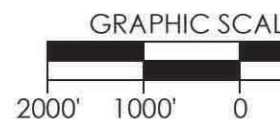
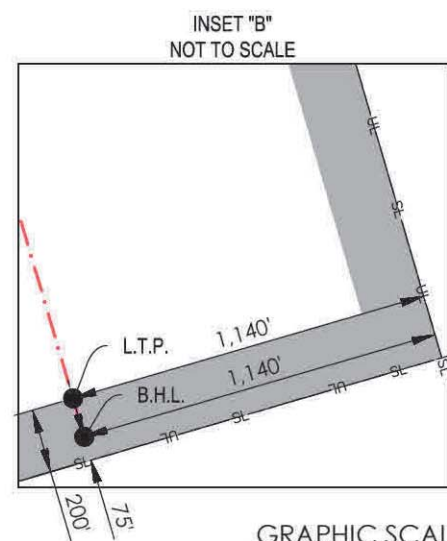
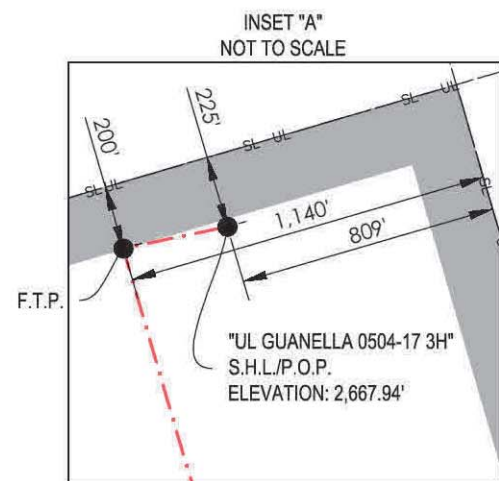
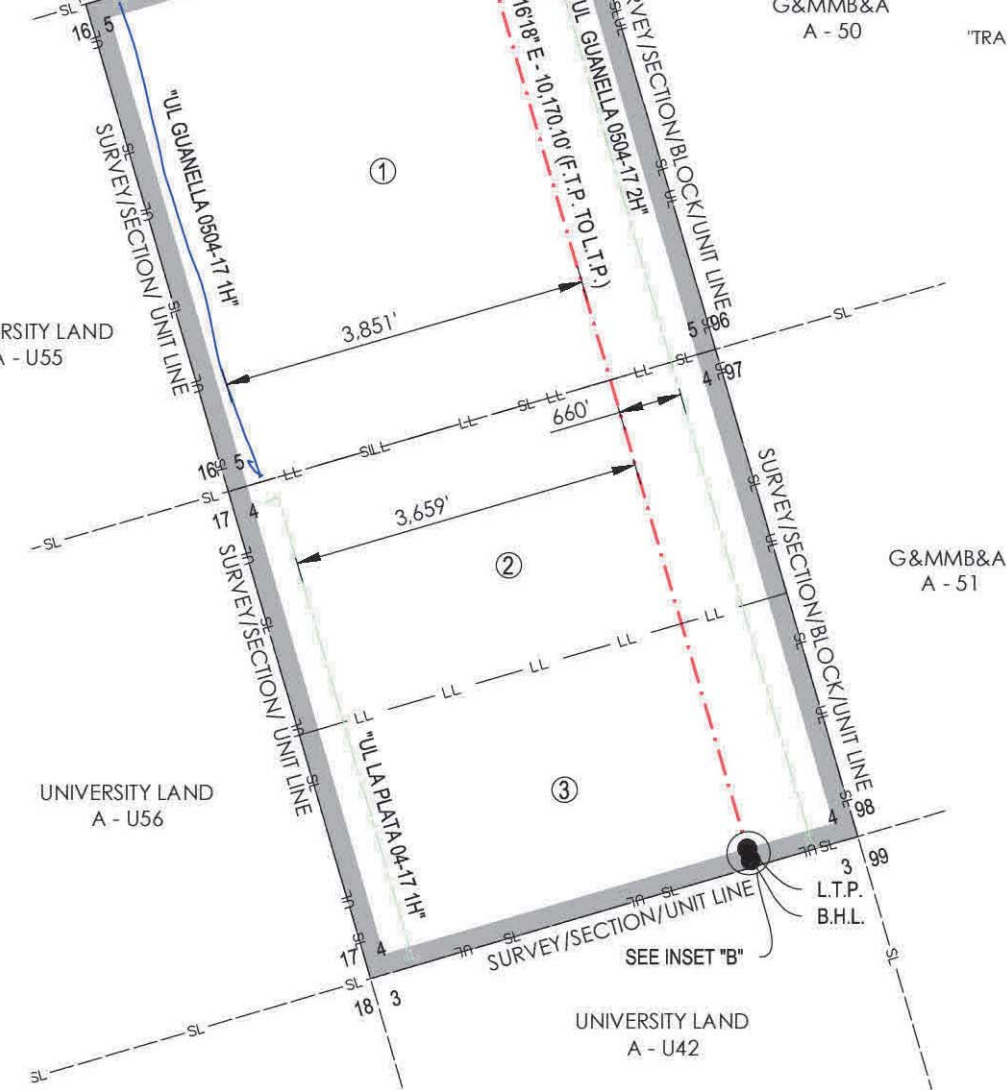
Enclosures: 2

N-ZONE GUIDANCE LLC.



Felix Energy
UL Guanella 0504 17 #3 SWD
Ward County, Texas
API# : 42-475-37482
Job# : FE-18-1066

Prepared By
Perry Reed
MWD Coordinator
@ N-Zone Guidance



ELIX ENERGY HOLDINGS II, LLC
UL GUANELLA 0504 17 WELL NO: 3H
C & VEGETATION: FLAT LOCATION WITH LOW LYING BRUSH
SITE: YES
REFERENCE STAKES OR ALTERNATE LOCATION STAKES SET: NONE
ABILITY TO LOCATION: FROM NORTH

DIRECTION
TOWN: ±4.63 MILES NORTHWEST OF PYOTE, TX
INTERSECTION OF PYOTE ST. AND HIGHWAY 2355 IN PYOTE, TEXAS, HEAD EAST ON
55 FOR ±0.3 MILES, TURN LEFT ONTO HIGHWAY 115 AND TRAVEL ±5.8 MILES, TURN
EXISTING LEASE ROAD AND TRAVEL ±0.7 MILES, TURN LEFT ONTO PROPOSED LEASE
±0.5 MILES TO WELL PAD.

WELL PATH DATA

LINE	BEARING	DISTANCE
S.H.L./P.O.P. TO F.T.P.	S 78°06'10" W	331.58'
F.T.P. TO L.T.P.	S 16°16'18" E	10,170.10'
L.T.P. TO B.H.L.	S 16°16'18" E	125.00'

CALLS FROM SEC

S.H.L./P.O.P.	225' FNL,
F.T.P.	200' FNL,
L.T.P.	200' FSL,
B.H.L.	75' FSL, 1,

HOLE LOCATION/POINT OF PENETRATION:

225' FNL & 809' FEL (SEC. 5)
GROUND ELEVATION: 2,667.94'
NAD 27 TEXAS CENTRAL ZONE
NORTHING: 713832.70, EASTING: 1121127.84
N 31.59873760°, LONGITUDE: W 103.15645692°
NAD 83 TEXAS CENTRAL ZONE
NORTHING: 10556408.41, EASTING: 1417593.66
N 31.59886936°, LONGITUDE: W 103.15689790°

FIRST TAKE POINT:

200' FNL & 1,140' FEL (SEC. 5)
NAD 27 TEXAS CENTRAL ZONE
NORTHING: 713764.34, EASTING: 1120803.38
LATITUDE: N 31.59852709°, LONGITUDE: W 103.15749311°

LAST TAKE POINT:

200' FSL & 1,140' FEL (SEC. 4)
NAD 27 TEXAS CENTRAL ZONE
NORTHING: 704001.74, EASTING: 1123
LATITUDE: N 31.57189479°, LONGITUDE: W 1

BOTTOM HOLE LOCATION:

75' FSL & 1,140' FEL (SEC. 4)
NAD 27 TEXAS CENTRAL ZONE
NORTHING: 703881.75, EASTING: 11236
LATITUDE: N 31.57156745°, LONGITUDE: W 10

UNIT CORNERS

LOCATION	NAD27	
	STATE PLANE TEXAS CENTRAL (32039)	GEOGRAPHIC (4267)
NE CORNER BLK 17 - SEC 5	N = 714275.75 E = 1121841.67	LAT: 31.60000501° LONG: -103.15420102°
	N = 704129.15	LAT: 31.57222490°





Job Number FE-18-1066	Operator Felix Energy	Rig Name HWD 14	
Start Date 2018-03-28	Well Name UL Guanella 0504- 17 3H	Legal Well Name AFE UL Guanella 0504 - 17 3H	Well Path Name UL Guanella 0504 - 17 3H
Play SWD	State TX	County Ward	Company Man Matt
Lat	Lon	Rig Floor Elevation (ft) 0.00	VS Plane AZI 0.0

Surveys

MD (ft)	INC (°)	AZI (°)	TVD (ft)	North (ft)	East (ft)	VS (ft)	Clos Dist (ft)	Clos Azi (°)	Dogleg (°/100 ft)	B Rate (°/100 ft)	T Rate (°/100 ft)	Bit to Sensor (ft)	Calc TF (°)
0.00	0.00	0.00	0.00	0.00	0.00	0.00			N/A	N/A	N/A	56.00	N/A
Comments:	<i>Assume Vertical at Surface</i>												
136.00	0.70	106.50	136.00	-0.24	0.80	-0.24	0.83	106.50	0.51	0.51	78.31	56.00	106.50
195.00	0.70	100.10	194.99	-0.40	1.50	-0.40	1.55	105.01	0.13	0.00	-10.85	56.00	-93.20
283.00	0.40	100.00	282.99	-0.55	2.33	-0.55	2.39	103.27	0.34	-0.34	-0.11	56.00	-179.87
371.00	0.20	312.60	370.99	-0.50	2.52	-0.50	2.57	101.20	0.66	-0.23	-167.50	56.00	-169.27
476.00	0.30	322.30	475.99	-0.16	2.22	-0.16	2.22	94.05	0.10	0.10	9.24	56.00	27.84
559.00	0.50	315.80	558.98	0.27	1.83	0.27	1.85	81.47	0.25	0.24	-7.83	56.00	-16.05
643.00	0.70	320.10	642.98	0.93	1.25	0.93	1.55	53.21	0.24	0.24	5.12	56.00	14.84
728.00	0.60	313.60	727.97	1.64	0.59	1.64	1.74	19.82	0.15	-0.12	-7.65	56.00	-146.82
813.00	0.90	327.00	812.97	2.50	-0.10	2.50	2.50	357.80	0.41	0.35	15.76	56.00	37.13
898.00	0.70	314.70	897.96	3.43	-0.83	3.43	3.53	346.41	0.31	-0.24	-14.47	56.00	-145.39
983.00	1.10	321.80	982.95	4.43	-1.70	4.43	4.75	339.00	0.49	0.47	8.35	56.00	19.15
1067.00	1.60	300.90	1066.92	5.67	-3.21	5.67	6.51	330.51	0.83	0.60	-24.88	56.00	-55.33
1152.00	2.30	304.70	1151.88	7.25	-5.63	7.25	9.18	322.18	0.84	0.82	4.47	56.00	12.37
1236.00	2.60	305.70	1235.80	9.32	-8.56	9.32	12.66	317.44	0.36	0.36	1.19	56.00	8.61
1322.00	3.00	302.30	1321.70	11.66	-12.05	11.66	16.77	314.07	0.50	0.47	-3.95	56.00	-24.25
1414.00	2.90	294.40	1413.57	13.91	-16.20	13.91	21.35	310.65	0.45	-0.11	-8.59	56.00	-107.74

N-ZONE GUIDANCE LLC.

State of Texas
County of Ward

I, Dennis Scully, certify that; I am employed by N-Zone Guidance LLC.; that I did on the days of 03/28/2018 through 03/30/2018 conduct or supervise the taking of MWD surveys from a depth of 136' feet to a depth of 1414' feet that the data is true, correct, complete and within the limitations of the tool as set forth by N-Zone Guidance MWD, a division of N-Zone Guidance LLC.; that I am authorized and qualified to make this report; that this survey was conducted at the request of Felix Energy , API# 42-475-37482 in Ward County, Texas; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by N-Zone Guidance MWD. A division of N-Zone Guidance LLC.

Dennis Scully,
MWD Supervisor

Oilfield Services, Central U.S. Land
Schlumberger Drilling and Measurements
Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)



July 1, 2018

Railroad Commission of Texas
Oil and Gas Division
PO Box 12967
Capital Station
Austin, Texas 78711

Attention: Pam Johns

Re:

CLIENT: FELIX ENERGY HOLDINGS II, LLC
WELL: UL GUANELLA 0504-17 3H
FIELD: PHANTOM (WOLFCAMP)

RIG: Sidewinder 221
COUNTY: WARD
API NO: 42-475-37482
PERMIT: 837177
JOB NO: 18MLD1341

Enclosed, please find the original copy of the survey performed on the referenced well by Drilling & Measurements, a division of Schlumberger Technology Corporation (P-5 No. 754900).
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>
Kane Junmanee FE	UL GUANELLA 0504- 17 3H Original Hole	1599.00 Ft to 21457.00 Ft	April 10, 2018 to June 23, 2018	TelePacer SlimPulse

A plat of the bottom hole location is oriented both to the surface location and to the lease lines (or until line in case of pooling), is attached to the survey report.

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

Enrique Fernandez
Field Service Manager

CC: FELIX ENERGY HOLDINGS II, LLC
Enclosures: [2]
County of WARD
State of Texas

SCHLUMBERGER
Survey Report

1-Jul-2018

Client.....: FELIX ENERGY HOLDINGS II,LLC
Field.....: PHANTOM (WOLFCAMP)

Well.....: UL GUANELLA 0504-17 3H
API number.....: 42-475-37482
Engineer.....: K. Junmanee

Spud date.....: 9-Apr-18
Last survey date.....: 23-Jun-18
Total accepted surveys...: 230
MD of first survey.....: 1599.00 ft
MD of last survey.....: 21457.00 ft

County.....: WARD
State.....: TEXAS
Rig.....: SIDEWINDER 221

Latitude.....: 31° 35' 55.455" N
Longitude.....: 103° 9' 23.245" 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.....: 2668.00
KB above permanent.....: 2693.00
DF above permanent.....: 2693.00

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

Latitude (+N/-).....: 0.00 ft
Departure (+E/-).....: 0.00 ft

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

NAD27 Texas State Plane, Central Zone, US Feet
X.....: 1121127.82 ft
Y.....: 713832.71 ft

Azimuth from Vsect Origin to target: 166.35 degrees

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

-----Run1----- Calculation Date: 5-Jun-2018
Location G....: 998.63244 mgn Tolerance G....: 2.50 mgn
Location B....: 47551.98 nT Tolerance B....: 300.00 nT
Magnetic Dip: 59.56 degrees Tolerance Dip: 0.45 degrees

-----Run2----- Calculation Date: 5-Jun-2018
Location G....: 998.63244 mgn Tolerance G....: 2.50 mgn
Location B....: 47551.98 nT Tolerance B....: 300.00 nT
Magnetic Dip: 59.56 degrees Tolerance Dip: 0.45 degrees

-----Run3----- Calculation Date: 5-Jun-2018
Location G....: 998.63244 mgn Tolerance G....: 2.50 mgn
Location B....: 47551.98 nT Tolerance B....: 300.00 nT
Magnetic Dip: 59.56 degrees Tolerance Dip: 0.45 degrees

-----Run4----- Calculation Date: 5-Jun-2018
Location G....: 998.63244 mgn Tolerance G....: 2.50 mgn
Location B....: 47551.98 nT Tolerance B....: 300.00 nT
Magnetic Dip: 59.56 degrees Tolerance Dip: 0.45 degrees

HDGM Model: 2018

-----Run1-----
Magnetic dec (+E/-).....: 7.129 degrees
Grid Conv (+E/-).....: -1.451 degrees
Total Azim Corr (+E/-)....: 8.58 degrees

-----Run2-----
Magnetic dec (+E/-).....: 7.129 degrees
Grid Conv (+E/-).....: -1.451 degrees
Total Azim Corr (+E/-)....: 8.58 degrees

-----Run3-----
Magnetic dec (+E/-).....: 7.129 degrees
Grid Conv (+E/-).....: -1.451 degrees
Total Azim Corr (+E/-)....: 8.58 degrees

-----Run4-----
Magnetic dec (+E/-).....: 7.129 degrees

Grid Conv (+E/W-).....: -1.451 degrees
Total Azim Corr (+E/W-)...: 8.58 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	10.00	0.00	0.00	10.00	10.00	0.00	0.00	0.00	0	90.00	0.00	Other	0
3	146.00	0.70	106.50	136.00	146.00	0.42	-0.24	0.80	0.83	106.50	0.51	Other	0
4	205.00	0.70	100.10	59.00	204.99	0.74	-0.40	1.50	1.55	105.01	0.13	Other	0
5	293.00	0.40	100.00	88.00	292.99	1.08	-0.55	2.33	2.39	103.27	0.34	Other	0
6	381.00	0.20	312.60	88.00	380.99	1.08	-0.50	2.52	2.57	101.20	0.66	Other	0
7	486.00	0.30	322.30	105.00	485.99	0.68	-0.16	2.22	2.22	94.05	0.10	Other	0
8	569.00	0.50	315.80	83.00	568.98	0.16	0.27	1.83	1.85	81.47	0.25	Other	0
9	653.00	0.70	320.10	84.00	652.98	-0.61	0.93	1.25	1.55	53.21	0.24	Other	0
10	738.00	0.60	313.60	85.00	737.97	-1.45	1.64	0.59	1.74	19.82	0.15	Other	0
11	823.00	0.90	327.00	85.00	822.97	-2.46	2.50	-0.10	2.5	357.80	0.41	Other	0
12	908.00	0.70	314.70	85.00	907.96	-3.53	3.43	-0.83	3.53	346.41	0.31	Other	0
13	993.00	1.10	321.80	85.00	992.95	-4.71	4.43	-1.70	4.75	339.00	0.49	Other	0
14	1077.00	1.60	300.90	84.00	1076.92	-6.27	5.67	-3.21	6.51	330.51	0.83	Other	0
15	1162.00	2.30	304.70	85.00	1161.88	-8.37	7.25	-5.63	9.18	322.18	0.84	Other	0
16	1246.00	2.60	305.70	84.00	1245.80	-11.08	9.32	-8.56	12.66	317.44	0.36	Other	0
17	1332.00	3.00	302.30	86.00	1331.70	-14.18	11.66	-12.05	16.77	314.07	0.50	Other	0
18	1424.00	2.90	294.40	92.00	1423.57	-17.34	13.91	-16.20	21.35	310.65	0.45	Other	0
19	1599.00	3.38	291.81	175.00	1598.31	-23.06	17.66	-25.02	30.62	305.21	0.29	TelePacer	0
20	1695.00	4.55	290.41	96.00	1694.08	-26.84	20.04	-31.22	37.1	302.69	1.22	TelePacer	0
21	1790.00	5.95	290.19	95.00	1788.68	-31.69	23.05	-39.37	45.62	300.35	1.47	TelePacer	0
22	1886.00	7.07	287.89	96.00	1884.06	-37.55	26.58	-49.66	56.33	298.16	1.20	TelePacer	0
23	1982.00	8.09	282.60	96.00	1979.22	-43.63	29.87	-61.88	68.71	295.77	1.29	TelePacer	0
24	2077.00	8.43	272.67	95.00	2073.24	-48.54	31.65	-75.36	81.74	292.78	1.54	TelePacer	0
25	2173.00	8.87	262.26	96.00	2168.15	-51.28	30.98	-89.72	94.92	289.05	1.69	TelePacer	0
26	2268.00	8.61	261.27	95.00	2262.05	-52.65	28.92	-104.01	107.96	285.54	0.32	TelePacer	0
27	2364.00	8.60	258.75	96.00	2356.97	-53.56	26.43	-118.15	121.07	282.61	0.39	TelePacer	0
28	2459.00	8.28	259.33	95.00	2450.94	-54.22	23.77	-131.84	133.97	280.22	0.35	TelePacer	0
29	2554.00	8.82	262.01	95.00	2544.88	-55.29	21.50	-145.78	147.35	278.39	0.71	TelePacer	0
30	2650.00	8.43	264.55	96.00	2639.80	-57.02	19.80	-160.07	161.29	277.05	0.57	TelePacer	0
31	2745.00	8.42	266.34	95.00	2733.77	-59.22	18.70	-173.94	174.95	276.14	0.28	TelePacer	0
32	2841.00	8.46	267.65	96.00	2828.73	-61.82	17.96	-188.01	188.87	275.46	0.20	TelePacer	0
33	2936.00	8.50	267.65	95.00	2922.70	-64.57	17.39	-202.01	202.76	274.92	0.04	TelePacer	0
34	3031.00	8.60	266.49	95.00	3016.64	-67.19	16.66	-216.12	216.76	274.41	0.21	TelePacer	0
35	3127.00	8.62	265.27	96.00	3111.56	-69.57	15.63	-230.45	230.98	273.88	0.19	TelePacer	0
36	3222.00	9.03	267.76	95.00	3205.43	-72.15	14.75	-244.99	245.44	273.45	0.59	TelePacer	0
37	3318.00	9.03	269.34	96.00	3300.24	-75.34	14.37	-260.06	260.45	273.16	0.26	TelePacer	0
38	3413.00	9.07	270.62	95.00	3394.06	-78.86	14.37	-275.00	275.37	272.99	0.22	TelePacer	0
39	3509.00	8.99	272.52	96.00	3488.87	-82.81	14.78	-290.06	290.43	272.92	0.32	TelePacer	0
40	3605.00	9.06	273.61	96.00	3583.68	-87.14	15.58	-305.09	305.49	272.92	0.19	TelePacer	0
41	3700.00	9.15	273.34	95.00	3677.49	-91.57	16.49	-320.10	320.52	272.95	0.10	TelePacer	0
42	3796.00	9.25	273.84	96.00	3772.25	-96.12	17.46	-335.42	335.87	272.98	0.13	TelePacer	0
43	3892.00	9.07	273.91	96.00	3867.03	-100.72	18.49	-350.67	351.15	273.02	0.19	TelePacer	0
44	3987.00	8.70	277.87	95.00	3960.89	-105.62	19.98	-365.25	365.8	273.13	0.75	TelePacer	0
45	4083.00	8.84	280.67	96.00	4055.77	-111.32	22.34	-379.69	380.35	273.37	0.47	TelePacer	0
46	4178.00	8.75	282.29	95.00	4149.65	-117.48	25.23	-393.93	394.74	273.67	0.28	TelePacer	0
47	4274.00	9.00	278.82	96.00	4244.50	-123.55	27.94	-408.48	409.44	273.91	0.62	TelePacer	0
48	4369.00	8.98	272.34	95.00	4338.34	-128.43	29.38	-423.23	424.25	273.97	1.07	TelePacer	0
49	4465.00	8.84	269.89	96.00	4433.18	-132.22	29.67	-438.10	439.1	273.87	0.42	TelePacer	0
50	4560.00	8.80	266.69	95.00	4527.05	-135.23	29.24	-452.65	453.59	273.70	0.52	TelePacer	0
51	4656.00	8.86	264.82	96.00	4621.92	-137.64	28.15	-467.34	468.19	273.45	0.31	TelePacer	0
52	4751.00	7.85	260.96	95.00	4715.91	-139.24	26.47	-481.04	481.77	273.15	1.22	TelePacer	0
53	4846.00	6.25	256.10	95.00	4810.19	-139.74	24.21	-492.47	493.06	272.81	1.80	TelePacer	0
54	4942.00	4.13	246.85	96.00	4905.79	-139.15	21.59	-500.72	501.18	272.47	2.37	TelePacer	0
55	5044.00	1.34	228.36	102.00	5007.67	-137.98	19.35	-504.99	505.36	272.19	2.83	TelePacer	0
56	5110.00	0.20	249.75	66.00	5073.66	-137.60	18.80	-505.67	506.02	272.13	1.75	TelePacer	0
57	5204.00	0.34	330.59	94.00	5167.66	-137.85	18.99	-505.96	506.32	272.15	0.39	TelePacer	0
58	5300.00	0.29	317.09	96.00	5263.66	-138.34	19.41	-506.27	506.64	272.20	0.09	TelePacer	0
59	5396.00	0.45	323.03	96.00	5359.65	-138.90	19.89	-506.66	507.05	272.25	0.17	TelePacer	0
60	5491.00	0.46	304.00	95.00	5454.65	-139.52	20.40	-507.20	507.61	272.30	0.16	TelePacer	0
61	5587.00	0.41	307.40	96.00	5550.65	-140.07	20.83	-507.79	508.22	272.35	0.06	TelePacer	0
62	5682.00	0.44	321.63	95.00	5645.65	-140.67	21.32	-508.29	508.74	272.40	0.12	TelePacer	0
63	5777.00	0.72	323.77	95.00	5740.64	-141.55	22.09	-508.87	509.35	272.49	0.30	TelePacer	0
64	5873.00	0.85	326.80	96.00	5836.63	-142.78	23.17	-509.62	510.14	272.60	0.14	TelePacer	0
65	5968.00	0.90	317.03	95.00	5931.62	-144.09	24.31	-510.51	511.09	272.73	0.17	TelePacer	0
66	6063.00	0.91	329.40	95.00	6026.61	-145.47	25.50	-511.40	512.04	272.85	0.21	TelePacer	0
67	6159.00	0.78	333.30	96.00	6122.60	-146.83	26.74	-512.08	512.78	272.99	0.15	TelePacer	0
68	6254.00	0.68	334.09	95.00	6217.59	-148.01	27.83	-512.62	513.38	273.11	0.11	TelePacer	0
69	6349.00	0.76	335.99	95.00	6312.58	-149.18	28.91	-513.12	513.94	273.22	0.09	TelePacer	0
70	6445.00	0.86	328.02	96.00	6408.57	-150.49	30.10	-513.76	514.65	273.35	0.16	TelePacer	0
71	6540.00	0.79	329.20	95.00	6503.56	-151.80	31.27	-514.48	515.43	273.48	0.08	TelePacer	0
72	6636.00	0.79	307.98	96.00	6599.56	-152.95	32.24	-515.34	516.35	273.58	0.30	TelePacer	0
73	6731.00	1.01	304.24	95.00	6694.54	-154.08	33.12	-516.55	517.61	273.67	0.24	TelePacer	0

74	6827.00	0.79	307.01	96.00	6790.53	-155.22	33.99	-517.77	518.89	273.76	0.23	TelePacer	0
75	6922.00	0.81	311.18	95.00	6885.52	-156.28	34.83	-518.80	519.97	273.84	0.06	TelePacer	0
76	7018.00	0.84	302.70	96.00	6981.51	-157.34	35.66	-519.91	521.13	273.92	0.13	TelePacer	0
77	7114.00	1.06	169.32	96.00	7077.51	-156.96	35.16	-520.33	521.52	273.87	1.82	TelePacer	0
78	7209.00	0.73	171.30	95.00	7172.49	-155.48	33.70	-520.08	521.17	273.71	0.35	TelePacer	0
79	7305.00	0.44	214.72	96.00	7268.49	-154.63	32.79	-520.20	521.23	273.61	0.53	TelePacer	0
80	7400.00	0.80	246.15	95.00	7363.48	-154.27	32.23	-521.01	522.01	273.54	0.51	TelePacer	0
81	7496.00	1.33	242.49	96.00	7459.47	-153.88	31.44	-522.61	523.56	273.44	0.56	TelePacer	0
82	7592.00	0.20	202.12	96.00	7555.46	-153.48	30.77	-523.66	524.57	273.36	1.23	TelePacer	0
83	7687.00	0.33	83.74	95.00	7650.46	-153.31	30.65	-523.45	524.35	273.35	0.48	TelePacer	0
84	7783.00	0.40	86.15	96.00	7746.46	-153.22	30.70	-522.84	523.74	273.36	0.07	TelePacer	0
85	7882.00	0.36	50.61	99.00	7845.45	-153.30	30.92	-522.26	523.17	273.39	0.24	TelePacer	0
86	7977.00	0.75	52.39	95.00	7940.45	-153.68	31.49	-521.54	522.49	273.46	0.41	TelePacer	0
87	8073.00	0.73	54.62	96.00	8036.44	-154.16	32.23	-520.54	521.54	273.54	0.04	TelePacer	0
88	8168.00	0.51	65.87	95.00	8131.44	-154.46	32.75	-519.66	520.69	273.61	0.26	TelePacer	0
89	8264.00	0.53	104.41	96.00	8227.43	-154.33	32.81	-518.84	519.88	273.62	0.36	TelePacer	0
90	8359.00	0.75	132.60	95.00	8322.43	-153.60	32.28	-517.96	518.96	273.57	0.40	TelePacer	0
91	8455.00	0.91	133.20	96.00	8418.42	-152.44	31.34	-516.94	517.89	273.47	0.17	TelePacer	0
92	8550.00	0.89	120.94	95.00	8513.40	-151.29	30.44	-515.76	516.65	273.38	0.20	TelePacer	0
93	8646.00	0.90	132.27	96.00	8609.39	-150.15	29.55	-514.56	515.41	273.29	0.18	TelePacer	0
94	8742.00	0.76	125.15	96.00	8705.38	-149.04	28.68	-513.48	514.28	273.20	0.18	TelePacer	0
95	8837.00	1.01	115.47	95.00	8800.37	-148.04	27.95	-512.21	512.97	273.12	0.31	TelePacer	0
96	8933.00	1.12	111.97	96.00	8896.35	-146.96	27.24	-510.58	511.3	273.05	0.13	TelePacer	0
97	9028.00	0.76	105.52	95.00	8991.34	-146.11	26.72	-509.11	509.81	273.00	0.39	TelePacer	0
98	9124.00	0.71	118.40	96.00	9087.33	-145.40	26.27	-507.97	508.65	272.96	0.18	TelePacer	0
99	9219.00	0.38	174.58	95.00	9182.33	-144.70	25.68	-507.42	508.07	272.90	0.62	TelePacer	0
100	9315.00	0.63	262.73	96.00	9278.33	-144.44	25.29	-507.92	508.55	272.85	0.76	TelePacer	0
101	9410.00	0.50	28.72	95.00	9373.32	-144.81	25.59	-508.24	508.88	272.88	1.06	TelePacer	0
102	9506.00	2.05	57.60	96.00	9469.30	-145.67	26.88	-506.58	507.3	273.04	1.70	TelePacer	0
103	9601.00	1.68	74.79	95.00	9564.25	-146.25	28.15	-503.81	504.59	273.20	0.70	TelePacer	0
104	9697.00	1.63	85.94	96.00	9660.21	-146.06	28.62	-501.09	501.9	273.27	0.34	TelePacer	0
105	9792.00	0.45	74.72	95.00	9755.19	-145.85	28.81	-499.38	500.21	273.30	1.25	TelePacer	0
106	9888.00	0.84	304.79	96.00	9851.19	-146.39	29.31	-499.59	500.45	273.36	1.23	TelePacer	0
107	9983.00	1.66	269.55	95.00	9946.17	-147.22	29.70	-501.54	502.42	273.39	1.15	TelePacer	0
108	10078.00	1.39	279.86	95.00	10041.13	-147.99	29.89	-504.05	504.94	273.39	0.40	TelePacer	0
109	10173.00	1.41	290.26	95.00	10136.10	-149.11	30.49	-506.28	507.2	273.45	0.27	TelePacer	0
110	10268.00	1.99	317.22	95.00	10231.06	-151.20	32.10	-508.50	509.51	273.61	1.02	TelePacer	0
111	10363.00	1.76	312.66	95.00	10326.01	-153.85	34.30	-510.69	511.84	273.84	0.29	TelePacer	0
112	10458.00	1.51	318.28	95.00	10420.97	-156.17	36.23	-512.60	513.88	274.04	0.31	TelePacer	0
113	10554.00	1.29	314.70	96.00	10516.95	-158.21	37.93	-514.21	515.61	274.22	0.25	TelePacer	0
114	10642.00	1.28	304.79	88.00	10604.92	-159.79	39.19	-515.72	517.21	274.35	0.25	TelePacer	0
115	10720.00	1.93	292.40	78.00	10682.89	-161.21	40.19	-517.65	519.21	274.44	0.94	SlimPulse	0
116	10770.00	1.26	242.65	50.00	10732.88	-161.58	40.25	-518.91	520.47	274.44	2.94	SlimPulse	0
117	10816.00	7.85	159.32	46.00	10778.73	-158.33	37.08	-518.25	519.58	274.09	16.96	SlimPulse	0
118	10848.00	13.68	159.93	32.00	10810.15	-152.40	31.47	-516.18	517.14	273.49	18.22	SlimPulse	0
119	10879.00	17.29	160.40	31.00	10840.02	-144.17	23.69	-513.38	513.92	272.64	11.67	SlimPulse	0
120	10911.00	21.37	159.33	32.00	10870.21	-133.65	13.75	-509.72	509.91	271.55	12.78	SlimPulse	0
121	10943.00	24.05	159.26	32.00	10899.72	-121.39	2.19	-505.36	505.36	270.25	8.39	SlimPulse	0
122	10974.00	26.41	159.62	31.00	10927.76	-108.27	-10.18	-500.72	500.82	268.84	7.64	SlimPulse	0
123	11006.00	29.67	159.76	32.00	10956.00	-93.33	-24.29	-495.50	496.09	267.19	10.18	SlimPulse	0
124	11038.00	32.64	160.37	32.00	10983.39	-76.88	-39.85	-489.86	491.48	265.35	9.33	SlimPulse	0
125	11070.00	35.53	161.44	32.00	11009.89	-59.03	-56.79	-484.00	487.32	263.31	9.21	SlimPulse	0
126	11101.00	39.85	163.18	31.00	11034.41	-40.13	-74.85	-478.26	484.08	261.11	14.36	SlimPulse	0
127	11133.00	41.52	162.21	32.00	11058.68	-19.31	-94.76	-472.05	481.47	258.65	5.59	SlimPulse	0
128	11165.00	42.30	161.60	32.00	11082.49	2.00	-115.08	-465.41	479.42	256.11	2.73	SlimPulse	0
129	11197.00	45.80	158.77	32.00	11105.49	24.11	-136.00	-457.85	477.62	253.46	12.55	SlimPulse	0
130	11228.00	50.61	156.96	31.00	11126.15	46.96	-157.39	-449.13	475.91	250.69	16.12	SlimPulse	0
131	11260.00	55.73	156.91	32.00	11145.32	72.22	-180.95	-439.10	474.93	247.60	16.01	SlimPulse	0
132	11292.00	60.46	159.16	32.00	11162.23	99.09	-206.14	-428.96	475.92	244.33	15.93	SlimPulse	0
133	11324.00	64.81	161.06	32.00	11176.93	127.33	-232.86	-419.30	479.62	240.95	14.57	SlimPulse	0
134	11356.00	67.84	160.81	32.00	11189.78	156.51	-260.56	-409.73	485.56	237.55	9.50	SlimPulse	0
135	11387.00	72.00	160.79	31.00	11200.42	185.48	-288.05	-400.15	493.04	234.25	13.41	SlimPulse	0
136	11419.00	75.47	161.04	32.00	11209.39	216.05	-317.07	-390.11	502.71	230.90	10.87	SlimPulse	0
137	11451.00	79.53	161.31	32.00	11216.31	247.16	-346.64	-380.03	514.37	227.63	12.74	SlimPulse	0
138	11483.00	82.38	161.51	32.00	11221.34	278.64	-376.59	-369.96	527.9	224.49	8.92	SlimPulse	0
139	11515.00	85.66	161.90	32.00	11224.67	310.36	-406.80	-359.97	543.2	221.50	10.33	SlimPulse	0
140	11547.00	90.79	162.28	32.00	11225.66	342.25	-437.22	-350.14	560.14	218.69	16.07	SlimPulse	0
141	11579.00	91.38	163.08	32.00	11225.06	374.17	-467.77	-340.61	578.64	216.06	3.09	SlimPulse	0
142	11674.00	88.14	162.93	95.00	11225.46	469.00	-558.60	-312.85	640.24	209.25	3.41	SlimPulse	0
143	11713.00	88.11	162.35	39.00	11226.73	507.90	-595.81	-301.22	667.62	206.82	1.49	SlimPulse	0
144	11805.00	89.55	165.17	92.00	11228.61	599.77	-684.11	-275.50	737.5	201.94	3.45	SlimPulse	0
145	11897.00	89.79	165.26	92.00	11229.13	691.75	-773.06	-252.02	813.11	198.06	0.28	SlimPulse	0
146	11988.00	89.93	165.42	91.00	11229.35	782.74	-861.10	-229.00	891.03	194.89	0.23	SlimPulse	0
147	12079.00	89.55	163.24	91.00	11229.76	873.67	-948.71	-204.42	970.48	192.16	2.43	SlimPulse	0
148	12171.00	89.55	163.41	92.00	11230.48	965.54	-1036.84	-178.02	1052.01	189.74	0.18	SlimPulse	0
149	12262.00	89.79	162.68	91.00	11231.00	1056.39	-1123.88	-151.48	1134.04	187.68	0.84	SlimPulse	0
150	12354.00	89.83	162.57	92.00	11231.30	1148.19	-1211.68	-124.01	1218.01	185.84	0.13	SlimPulse	0
151	12449.00	89.97	164.04	95.00	11231.47	1243.06	-1302.68	-96.72	1306.26	184.25	1.55	SlimPulse	0
152	12544.00	89.90	164.59	95.00	11231.59	1338.00	-1394.14	-71.03	1395.94	182.92	0.58	SlimPulse	0
153	12639.00	90.41	164.67	95.00	11231.33	1432.95	-1485.74	-45.85	1486.44	181.77	0.55	SlimPulse	0
154	12734.00	91.13	165.59	95.00	11230.05	1527.92	-1577.55	-21.48	1577.69	180.78	1.23	SlimPulse	0
155	12829.00	90.83	164.44	95.00	11228.42	1622.88	-1669.30	3.08	1669.31	179.89	1.26	SlimPulse	0
156	12924.00	91.96	166.28	95.00	11226.11	1717.83	-1761.19	27.08	1761.39	179.12	2.27	SlimPulse	0
157	13019.00	89.76	163.32	95.00	11224.69	1812.77	-1852.84	51.98	1853.57	178.39	3.88	SlimPulse	0
158	13114.00	90.55	165.54	95.00	11224.43	1907.71	-1944.34	77.47	1945.				

159	13209.00	90.62	166.69	95.00	11223.46	2002.70	-2036.56	100.27	2039.03	177.18	1.21	SlimPulse	0
160	13304.00	90.14	163.86	95.00	11222.84	2097.67	-2128.43	124.42	2132.06	176.65	3.02	SlimPulse	0
161	13399.00	89.17	161.25	95.00	11223.41	2192.46	-2219.05	152.90	2224.31	176.06	2.93	SlimPulse	0
162	13494.00	88.87	161.80	95.00	11225.03	2287.10	-2309.14	182.99	2316.38	175.47	0.67	SlimPulse	0
163	13589.00	90.24	162.85	95.00	11225.77	2381.86	-2399.65	211.83	2408.98	174.96	1.82	SlimPulse	0
164	13684.00	89.07	161.46	95.00	11226.34	2476.60	-2490.08	240.94	2501.71	174.47	1.91	SlimPulse	0
165	13779.00	89.79	163.13	95.00	11227.28	2571.36	-2580.57	269.82	2594.64	174.03	1.91	SlimPulse	0
166	13875.00	89.59	162.50	96.00	11227.80	2667.17	-2672.28	298.19	2688.87	173.63	0.69	SlimPulse	0
167	13970.00	89.66	163.40	95.00	11228.43	2762.00	-2763.10	326.04	2782.27	173.27	0.96	SlimPulse	0
168	14065.00	90.82	167.05	95.00	11228.03	2856.97	-2854.94	350.26	2876.35	173.01	4.03	SlimPulse	0
169	14160.00	89.52	165.73	95.00	11227.75	2951.96	-2947.27	372.61	2970.73	172.79	1.96	SlimPulse	0
170	14255.00	89.55	165.43	95.00	11228.51	3046.95	-3039.28	396.27	3065	172.57	0.32	SlimPulse	0
171	14350.00	91.58	168.68	95.00	11227.57	3141.92	-3131.84	417.54	3159.55	172.41	4.03	SlimPulse	0
172	14445.00	89.72	166.21	95.00	11226.49	3236.88	-3224.55	438.19	3254.19	172.26	3.25	SlimPulse	0
173	14540.00	89.86	164.14	95.00	11226.83	3331.86	-3316.39	462.49	3348.48	172.06	2.19	SlimPulse	0
174	14635.00	90.17	165.13	95.00	11226.80	3426.82	-3407.99	487.67	3442.7	171.86	1.10	SlimPulse	0
175	14730.00	89.83	163.29	95.00	11226.80	3521.74	-3499.40	513.51	3536.88	171.65	1.97	SlimPulse	0
176	14825.00	88.80	161.36	95.00	11227.94	3616.50	-3589.91	542.35	3630.64	171.41	2.30	SlimPulse	0
177	14920.00	89.42	160.14	95.00	11229.43	3711.03	-3679.58	573.66	3724.03	171.14	1.44	SlimPulse	0
178	15014.00	89.11	161.30	94.00	11230.64	3804.57	-3768.30	604.69	3816.51	170.88	1.27	SlimPulse	0
179	15110.00	89.93	162.60	96.00	11231.45	3900.28	-3859.57	634.44	3911.37	170.67	1.60	SlimPulse	0
180	15205.00	89.76	162.48	95.00	11231.70	3995.07	-3950.19	662.95	4005.44	170.47	0.22	SlimPulse	0
181	15300.00	89.21	161.93	95.00	11232.56	4089.82	-4040.64	691.98	4099.47	170.28	0.82	SlimPulse	0
182	15365.00	90.72	163.27	65.00	11232.60	4154.67	-4102.66	711.41	4163.89	170.16	3.11	SlimPulse	2
183	15460.00	91.51	163.56	95.00	11230.75	4249.53	-4193.69	738.53	4258.23	170.01	0.89	SlimPulse	2
184	15555.00	91.03	163.35	95.00	11228.64	4344.38	-4284.74	765.57	4352.59	169.87	0.55	SlimPulse	2
185	15650.00	91.65	163.49	95.00	11226.42	4439.23	-4375.76	792.67	4446.98	169.73	0.67	SlimPulse	2
186	15745.00	91.72	163.16	95.00	11223.63	4534.06	-4466.73	819.92	4541.36	169.60	0.35	SlimPulse	2
187	15841.00	91.51	162.95	96.00	11220.92	4629.86	-4558.52	847.89	4636.71	169.46	0.31	SlimPulse	2
188	15936.00	91.75	163.27	95.00	11218.22	4724.67	-4649.39	875.48	4731.1	169.34	0.42	SlimPulse	2
189	16031.00	91.51	164.61	95.00	11215.52	4819.55	-4740.64	901.75	4825.64	169.23	1.43	SlimPulse	2
190	16126.00	91.75	165.14	95.00	11212.82	4914.48	-4832.31	926.53	4920.34	169.15	0.61	SlimPulse	2
191	16221.00	92.47	164.45	95.00	11209.32	5009.38	-4923.92	951.43	5015	169.06	1.05	SlimPulse	2
192	16316.00	92.47	162.75	95.00	11205.22	5104.18	-5014.97	978.22	5109.49	168.96	1.79	SlimPulse	2
193	16411.00	91.61	162.93	95.00	11201.84	5198.94	-5105.68	1006.23	5203.89	168.85	0.92	SlimPulse	2
194	16506.00	91.20	162.71	95.00	11199.51	5293.73	-5196.42	1034.28	5298.35	168.74	0.49	SlimPulse	2
195	16602.00	92.33	165.38	96.00	11196.56	5389.59	-5288.67	1060.66	5393.98	168.66	3.02	SlimPulse	2
196	16697.00	92.37	165.07	95.00	11192.66	5484.50	-5380.45	1084.87	5488.73	168.60	0.33	SlimPulse	2
197	16792.00	92.16	165.66	95.00	11188.91	5579.41	-5472.29	1108.85	5583.51	168.55	0.66	SlimPulse	2
198	16887.00	92.13	165.03	95.00	11185.35	5674.33	-5564.14	1132.87	5678.29	168.49	0.66	SlimPulse	2
199	16982.00	92.23	164.73	95.00	11181.74	5769.23	-5655.78	1157.63	5773.04	168.43	0.33	SlimPulse	2
200	17077.00	91.68	164.15	95.00	11178.50	5864.12	-5747.25	1183.10	5867.76	168.37	0.84	SlimPulse	2
201	17172.00	92.10	165.09	95.00	11175.36	5959.02	-5838.79	1208.28	5962.5	168.31	1.08	SlimPulse	2
202	17267.00	93.33	165.41	95.00	11170.86	6053.90	-5930.56	1232.44	6057.26	168.26	1.34	SlimPulse	2
203	17362.00	91.54	164.67	95.00	11166.83	6148.78	-6022.25	1256.94	6152.02	168.21	2.04	SlimPulse	2
204	17457.00	92.61	165.13	95.00	11163.39	6243.69	-6113.91	1281.67	6246.8	168.16	1.23	SlimPulse	2
205	17551.00	92.65	164.54	94.00	11159.07	6337.55	-6204.54	1306.24	6340.55	168.11	0.63	SlimPulse	2
206	17646.00	92.37	162.11	95.00	11154.91	6432.32	-6295.45	1333.47	6435.12	168.04	2.57	SlimPulse	2
207	17741.00	90.47	161.12	95.00	11152.56	6526.96	-6385.57	1363.42	6529.5	167.95	2.26	SlimPulse	2
208	17836.00	93.12	161.81	95.00	11149.58	6621.56	-6475.59	1393.60	6623.85	167.85	2.88	SlimPulse	2
209	17931.00	92.47	162.13	95.00	11144.95	6716.17	-6565.81	1422.97	6718.24	167.77	0.76	SlimPulse	2
210	18026.00	90.99	162.08	95.00	11142.08	6810.87	-6656.17	1452.15	6812.74	167.69	1.56	SlimPulse	2
211	18121.00	91.75	163.24	95.00	11139.81	6905.64	-6746.83	1480.45	6907.35	167.62	1.46	SlimPulse	2
212	18216.00	91.33	162.48	95.00	11137.26	7000.43	-6837.58	1508.44	7001.99	167.56	0.91	SlimPulse	2
213	18311.00	91.95	162.41	95.00	11134.54	7095.17	-6928.11	1537.08	7096.58	167.49	0.66	SlimPulse	2
214	18406.00	90.72	161.89	95.00	11132.33	7189.89	-7018.51	1566.19	7191.14	167.42	1.41	SlimPulse	2
215	18501.00	92.61	162.53	95.00	11129.57	7284.59	-7108.93	1595.20	7285.71	167.35	2.10	SlimPulse	2
216	18596.00	92.89	161.58	95.00	11125.01	7379.22	-7199.20	1624.44	7380.2	167.28	1.04	SlimPulse	2
217	18690.00	92.16	161.45	94.00	11120.87	7472.79	-7288.27	1654.21	7473.64	167.21	0.79	SlimPulse	2
218	18786.00	92.34	163.86	96.00	11117.10	7568.51	-7379.82	1682.81	7569.26	167.15	2.52	SlimPulse	2
219	18881.00	94.55	166.08	95.00	11111.39	7663.30	-7471.39	1707.40	7664	167.13	3.29	SlimPulse	2
220	18975.00	95.76	166.93	94.00	11102.94	7756.91	-7562.43	1729.25	7757.62	167.12	1.57	SlimPulse	2
221	19071.00	96.40	167.54	96.00	11092.77	7852.36	-7655.53	1750.34	7853.07	167.12	0.92	SlimPulse	2
222	19102.00	94.74	166.51	31.00	11089.77	7883.21	-7685.59	1757.27	7883.93	167.12	6.29	SlimPulse	2
223	19134.00	93.99	167.11	32.00	11087.33	7915.12	-7716.66	1764.55	7915.83	167.12	3.00	SlimPulse	2
224	19165.00	94.12	168.24	31.00	11085.14	7946.03	-7746.87	1771.15	7946.75	167.12	3.66	SlimPulse	2
225	19260.00	93.88	167.20	95.00	11078.51	8040.77	-7839.46	1791.30	8041.52	167.13	1.12	SlimPulse	2
226	19354.00	91.44	164.12	94.00	11074.15	8134.65	-7930.42	1814.56	8135.36	167.11	4.18	SlimPulse	2
227	19449.00	91.85	163.93	95.00	11071.42	8229.53	-8021.71	1840.69	8230.19	167.08	0.48	SlimPulse	2
228	19544.00	93.16	162.59	95.00	11067.27	8324.29	-8112.60	1868.03	8324.89	167.03	1.97	SlimPulse	2
229	19639.00	91.27	161.41	95.00	11063.60	8418.94	-8202.87	1897.36	8419.45	166.98	2.34	SlimPulse	2
230	19734.00	89.59	161.92	95.00	11062.88	8513.62	-8293.04	1927.24	8514.04	166.92	1.85	SlimPulse	2
231	19829.00	89.48	162.69	95.00	11063.65	8608.38	-8383.54	1956.12	8608.73	166.87	0.82	SlimPulse	2
232	19924.00	88.68	162.09	95.00	11065.18	8703.14	-8474.08	1984.86	8703.43	166.82	1.05	SlimPulse	2
233	20019.00	88.90	162.89	95.00	11067.19	8797.90	-8564.66	2013.43	8798.14	166.77	0.87	SlimPulse	2
234	20114.00	90.65	162.27	95.00	11067.56	8892.69	-8655.30	2041.87	8892.88	166.73	1.95	SlimPulse	2
235	20209.00	90.75	164.11	95.00	11066.40	8987.54	-8746.23	2069.34	8987.69	166.69	1.94	SlimPulse	2
236	20304.00	93.51	164.42	95.00	11062.87	9082.40	-8837.59	2095.08	9082.53	166.66	2.92	SlimPulse	2
237	20429.00	92.68	164.14	125.00	11056.12	9207.13	-8957.74	2128.90	9207.24	166.63	0.70	SlimPulse	0
238	20524.00	92.79	164.06	95.00	11051.58	9301.95	-9049.00	2154.90	9302.04	166.61	0.13	SlimPulse	0
239	20620.00	91.79	164.02	96.00	11047.75	9397.80	-9141.23	2181.27	9397.87	166.58	1.04	SlimPulse	0
240	20715.00	91.34	164.72	95.00	11045.16	9492.70	-9232.68						

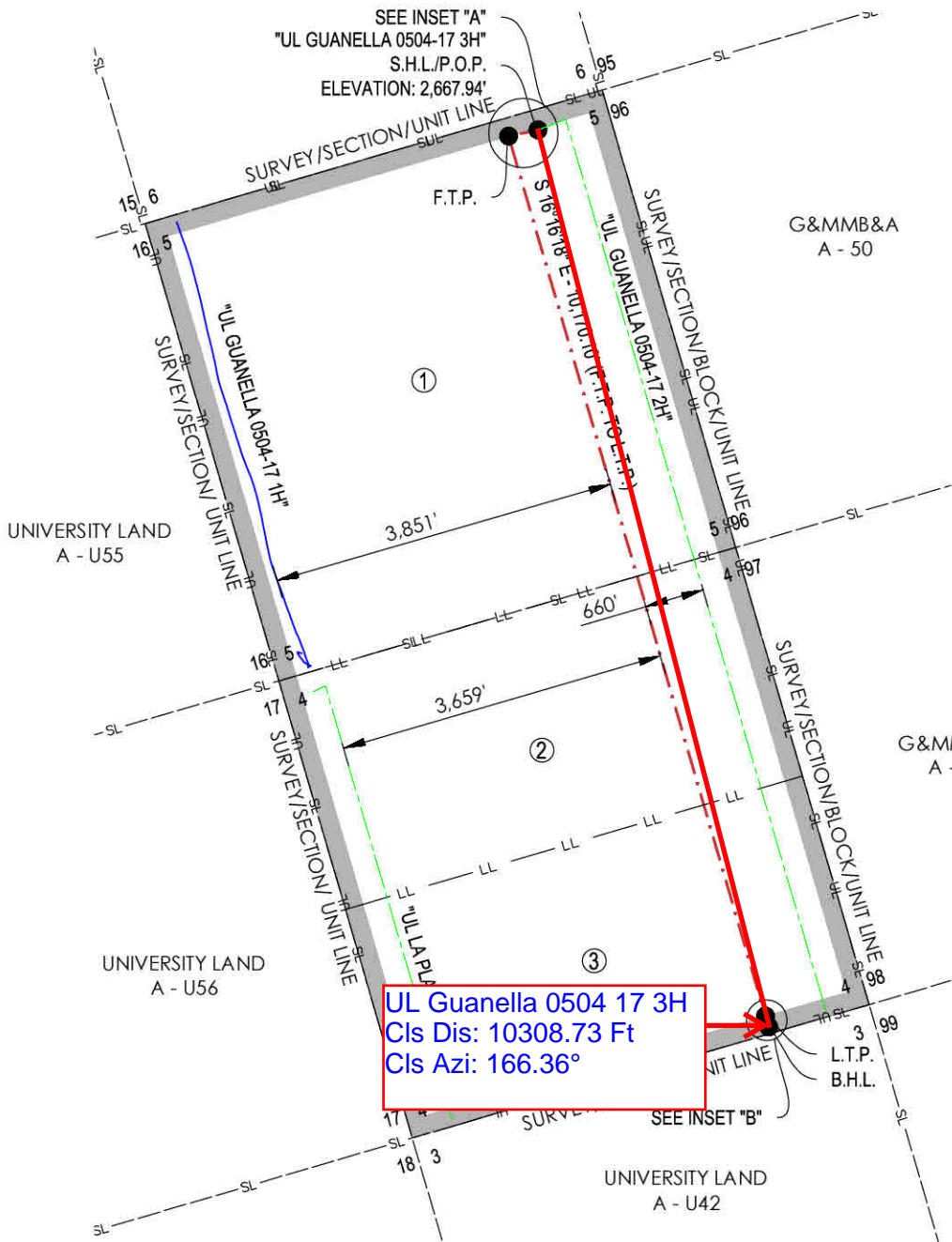
244	21096.00	91.24	164.07	95.00	11036.04	9873.29	-9598.95	2311.35	9873.31	166.46	0.40	SlimPulse	0
245	21191.00	91.27	163.74	95.00	11033.96	9968.18	-9690.21	2337.68	9968.19	166.44	0.35	SlimPulse	0
246	21286.00	91.34	164.14	95.00	11031.79	10063.07	-9781.48	2363.95	10063.08	166.41	0.43	SlimPulse	0
247	21381.00	91.82	163.81	95.00	11029.17	10157.95	-9872.75	2390.16	10157.96	166.39	0.62	SlimPulse	0
248	21457.00	92.10	164.06	76.00	11026.57	10233.84	-9945.74	2411.18	10233.84	166.37	0.48	SlimPulse	0
249	21532.00	92.10	164.06	75.00	11023.83	10308.73	-10017.81	2431.77	10308.73	166.36	0.00	Projected	0

FELIX ENERGY HOLDINGS II, LLC
WARD COUNTY, TEXAS
S.H.L. 225' FNL - 809' FEL, SECTION 5, BLOCK 17

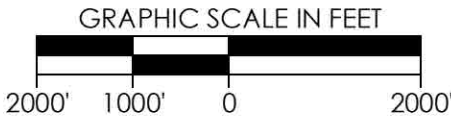
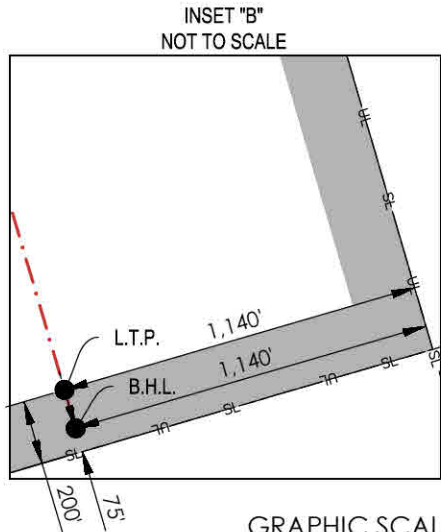
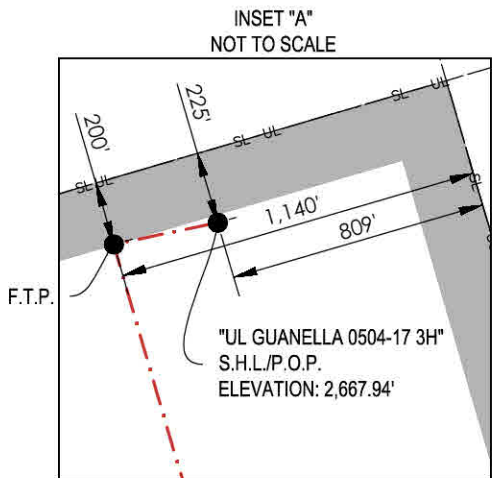
LEGEND

- UL UNIT LINE
LL LEASE LINE
SL SECTION LINE
PROPOSED WELL PATH
NEAREST PROPOSED WELL PATH
200' UNIT OFFSET
S.H.L. SURFACE HOLE LOCATION
P.O.P. POINT OF PENETRATION
F.T.P. FIRST TAKE POINT
T.P. TURNING POINT
L.T.P. LAST TAKE POINT
B.H.L. BOTTOM HOLE LOCATION

GRID NORTH (NAD 83)
TEXAS - CENTRAL ZONE



①	②	③
SECTION 5 - BLOCK 17 640.72 ACRES UNIVERSITY LAND A - U44 "TRACT 1 - UL LEASE 111446"	N/2 - SECTION 4 - BLOCK 17 320.10 ACRES UNIVERSITY LAND A - U43 "TRACT 2 - UL LEASE 111445"	S/2 - SECTION 4 - BLOCK 17 320.12 ACRES UNIVERSITY LAND A - U43 "TRACT 3 - UL LEASE 111573"



OPERATOR: FELIX ENERGY HOLDINGS II, LLC

WELL NAME: UL GUANELLA 0504 17 WELL NO: 3H

TOPOGRAPHIC & VEGETATION: FLAT LOCATION WITH LOW LYING BRUSH

GOOD DRILL SITE: YES

REFERENCE STAKES OR ALTERNATE LOCATION
STAKES SET: NONE

BEST ACCESSIBILITY TO LOCATION: FROM NORTH

DISTANCE & DIRECTION

FROM HWY JCT OR TOWN: ±4.63 MILES NORTHWEST OF PYOTE, TX
FROM THE INTERSECTION OF PYOTE ST. AND HIGHWAY 2355 IN PYOTE, TEXAS, HEAD EAST ON
HIGHWAY 2355 FOR ±0.3 MILES, TURN LEFT ONTO HIGHWAY 115 AND TRAVEL ±5.8 MILES, TURN
LEFT ONTO EXISTING LEASE ROAD AND TRAVEL ±0.7 MILES, TURN LEFT ONTO PROPOSED LEASE
AND TRAVEL ±0.5 MILES TO WELL PAD.

WELL PATH DATA

LINE	BEARING	DISTANCE
S.H.L./P.O.P. TO F.T.P.	S 78°06'10" W	331.58'
F.T.P. TO L.T.P.	S 16°16'18" E	10,170.10'
L.T.P. TO B.H.L.	S 16°16'18" E	125.00'

CALLS FROM SECTION LINE

S.H.L./P.O.P.	225' FNL, 809' FEL (SEC. 5)
F.T.P.	200' FNL, 1,140' FEL (SEC. 5)
L.T.P.	200' FSL, 1,140' FEL (SEC. 4)
B.H.L.	75' FSL, 1,140' FEL (SEC. 4)

SURFACE HOLE LOCATION/POINT OF PENETRATION:

225' FNL & 809' FEL (SEC. 5)
GROUND ELEVATION: 2,667.94'
NAD 27 TEXAS CENTRAL ZONE
NORTHING: 713832.70, EASTING: 1121127.84
LATITUDE: N 31.59873760°, LONGITUDE: W 103.15645692°
NAD 83 TEXAS CENTRAL ZONE
NORTHING: 10556408.41, EASTING: 1417593.66
LATITUDE: N 31.59886936°, LONGITUDE: W 103.15689790°

FIRST TAKE POINT:

200' FNL & 1,140' FEL (SEC. 5)
NAD 27 TEXAS CENTRAL ZONE
NORTHING: 713764.34, EASTING: 1120803.38
LATITUDE: N 31.59852709°, LONGITUDE: W 103.15749311°

LAST TAKE POINT:

200' FSL & 1,140' FEL (SEC. 4)
NAD 27 TEXAS CENTRAL ZONE
NORTHING: 704001.74, EASTING: 1123652.86
LATITUDE: N 31.57189479°, LONGITUDE: W 103.14755077°

BOTTOM HOLE LOCATION:

75' FSL & 1,140' FEL (SEC. 4)
NAD 27 TEXAS CENTRAL ZONE
NORTHING: 703881.75, EASTING: 1123687.88
LATITUDE: N 31.57156745°, LONGITUDE: W 103.14742860°

UNIT CORNERS

LOCATION	NAD27	
	STATE PLANE TEXAS CENTRAL (32039)	GEOGRAPHIC (4267)
NE CORNER BLK 17 - SEC 5	N = 714275.75 E = 1121841.67	LAT: 31.60000501° LONG: -103.15420102°
SE CORNER BLK 17 - SEC 4	N = 704129.15 E = 1124803.22	LAT: 31.57232490° LONG: -103.14386851°
SW CORNER BLK 17 - SEC 4	N = 702649.94 E = 1119735.10	LAT: 31.56790654° LONG: -103.16001619°
NW CORNER BLK 17 - SEC 5	N = 712794.65 E = 1116774.26	LAT: 31.59558026° LONG: -103.17035047°

GENERAL NOTES

- THE LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON REASONABLE VISUAL OBSERVATION. LOCATIONS OF UNDERGROUND UTILITIES/ STRUCTURES MAY VARY FROM LOCATIONS SHOWN HEREIN. ADDITIONAL BURIED UTILITIES/ STRUCTURES MAY BE ENCOUNTERED. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES/ STRUCTURES. BEFORE EXCAVATIONS ARE BEGUN, THE OFFICES OF THE VARIOUS UTILITIES SERVICING THIS AREA SHOULD BE CONTACTED FOR THEIR UTILITY LOCATION.
- BASIS OF BEARINGS: TEXAS STATE PLANE GRID, CENTRAL ZONE, NAD83 AS DETERMINED BY GPS OBSERVATION.
- COMBINED SCALE FACTOR AT S.H.L. - 0.99980837
- VERTICAL DATUM IS NAVD 88
- AREAS, DISTANCES, AND COORDINATES ARE "GRID" BASED ON U.S. SURVEY FEET.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY.



CONTACT INFORMATION:

Shannon D. Ozment
Crafton Tull (10193715)
1000 LedgeLawn Dr.
Conway, AR 72034



Crafton Tull
surveying

501.328.3316 f 501.328.3325 f
www.craftontull.com

1000 LedgeLawn Dr
Conway, Arkansas 72034

REVISION

"UL GUANELLA 0504-17 3H"

SECTION 5, BLOCK 17 - 640.72 ACRES
N/2 - SECTION 4, BLOCK 17 - 320.10 ACRES
S/2 - SECTION 4, BLOCK 17 - 320.12 ACRES
PROPOSED DRILL SITE
WARD COUNTY, TEXAS

SCALE: 1" = 2000'

PLOT DATE: 03-06-2018

CHECKED BY:

DRAWN BY:

HFD

L.DOW

APPROVED BY:

SHEET NO.: 1 OF 1

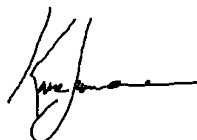
C.GRAY



Oilfield Services, Central U.S. Land
Schlumberger Drilling and Measurements
Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)

Schlumberger

I, Kane Junmanee certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of April 10, 2018 through June 23, 2018, conduct or supervise the taking of the TelePacer & SlimPulse surveys from a depth of 1599.00 feet to a depth of 21457.00 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 FELIX ENERGY HOLDINGS II, LLC for the UL GUANELLA 0504-17 3H Well (Original Hole) API No. 42-475-37482 in Texas; 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.



Kane Junmanee
FE