

HOBBS OCD

JUL 31 2014

RECEIVED

TEXLAND PETROLEUM

Shipp Strawn

Lea County, NM (Grid North)

Simmons #2

VH - Job #320514-KW-606

Survey: Gyro

SDI Survey Report

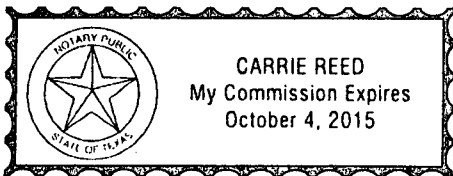
This survey is correct to the best of my knowledge and is supported by actual field data.

Richard

Notarized this date 2nd of June, 2014.

Carrie Reed

Notary Signature
County of Midland
State of Texas



AUG 15 2014

SDI
SDI Survey Report

Company: TEXLAND PETROLEUM	Local Co-ordinate Reference: Well Simmons #2
Project: Shipp Strawn	TVD Reference: Mean Sea Level (System)
Site: Lea County, NM (Grid North)	MD Reference: Mean Sea Level (System)
Well: Simmons #2	North Reference: Grid
Wellbore: VH - Job #320514-KW-606	Survey Calculation Method: Minimum Curvature
Design: VH - Job #320514-KW-606	Database: EDM-Regulatory

Project Shipp Strawn		
Map System: US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum: NAD 1927 (NADCON CONUS)		
Map Zone: New Mexico East 3001		

Site Lea County, NM (Grid North)		
Site Position:	Northing: 681,563.35 usft	Latitude: 32° 52' 7.700 N
From: Lat/Long	Easting: 839,740.87 usft	Longitude: 103° 13' 36.640 W
Position Uncertainty: 0.0 usft	Slot Radius: 13-3/16"	Grid Convergence: 0.60 °

Well Simmons #2, Vertical		
Well Position +N/-S 0.0 usft	Northing: 678,689.83 usft	Latitude: 32° 51' 39.820 N
+E/-W 0.0 usft	Easting: 834,402.36 usft	Longitude: 103° 14' 39.570 W
Position Uncertainty 0.0 usft	Wellhead Elevation: 0.0 usft	Ground Level: 0.0 usft

Wellbore VH - Job #320514-KW-606		
Magnetics	Model Name	Sample Date
	IGRF2010	5/5/2014
	Declination (°)	Dip Angle (°)
	7.12	60.75
	Field Strength (nT)	
	48,770	

Design VH - Job #320514-KW-606		
Audit Notes:		
Version: 1.0	Phase: ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD)	Direction
	(usft)	(°)
	0.0	350.32

Survey Program	Date 6/22/2014	
From (usft)	To (usft)	Survey (Wellbore)
100.0	9,550.0	Gyro (VH - Job #320514-KW-606)
		Tool Name
		Keeper
		Description
		Keeper Surface Readout

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Azimuth (°)	Closure Distance (usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.0	
100.0	0.14	219.94	100.0	-0.1	-0.1	219.94	0.1	
200.0	0.35	209.43	200.0	-0.5	-0.3	214.10	0.5	
300.0	0.37	203.83	300.0	-1.0	-0.6	210.07	1.2	
400.0	0.38	199.58	400.0	-1.6	-0.8	207.07	1.8	
500.0	0.34	192.12	500.0	-2.2	-1.0	204.25	2.4	
600.0	0.29	171.13	600.0	-2.8	-1.0	200.35	2.9	
700.0	0.35	185.94	700.0	-3.3	-1.0	197.06	3.5	
800.0	0.26	199.38	800.0	-3.8	-1.1	196.34	4.0	
900.0	0.39	191.13	900.0	-4.4	-1.3	196.11	4.6	
1,000.0	0.39	217.59	1,000.0	-5.0	-1.5	197.15	5.2	
1,100.0	0.19	215.05	1,100.0	-5.4	-1.8	198.86	5.7	

SDI

SDI Survey Report

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Well:	Simmons #2	North Reference:	Grid
Wellbore:	VH - Job #320514-KW-606	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #320514-KW-606	Database:	EDM-Regulatory

Survey

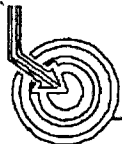
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Azimuth (°)	Closure Distance (usft)
1,200.0	0.38	269.36	1,200.0	-5.5	-2.3	202.30	6.0
1,300.0	0.45	279.45	1,300.0	-5.5	-3.0	208.64	6.2
1,400.0	0.58	295.00	1,400.0	-5.2	-3.8	216.43	6.5
1,500.0	0.59	295.74	1,500.0	-4.8	-4.8	225.00	6.7
1,600.0	0.53	300.68	1,600.0	-4.3	-5.6	232.59	7.1
1,700.0	0.71	274.10	1,700.0	-4.0	-6.6	238.81	7.8
1,800.0	0.96	294.09	1,799.9	-3.6	-8.0	245.64	8.8
1,900.0	1.11	299.08	1,899.9	-2.8	-9.6	253.69	10.0
2,000.0	1.12	305.55	1,999.9	-1.8	-11.3	261.03	11.4
2,100.0	1.22	298.95	2,099.9	-0.7	-13.0	266.94	13.0
2,200.0	1.37	310.28	2,199.9	0.6	-14.8	272.29	14.9
2,300.0	1.23	318.41	2,299.8	2.2	-16.5	277.50	16.6
2,400.0	1.23	321.62	2,399.8	3.8	-17.8	282.06	18.2
2,500.0	1.16	325.96	2,499.8	5.5	-19.1	286.06	19.9
2,600.0	0.82	335.12	2,599.8	7.0	-19.9	289.29	21.1
2,700.0	0.71	341.42	2,699.8	8.2	-20.4	291.90	22.0
2,800.0	0.81	9.14	2,799.8	9.5	-20.5	294.84	22.6
2,900.0	1.07	24.68	2,899.8	11.0	-20.0	298.89	22.9
3,000.0	1.49	33.22	2,999.7	13.0	-18.9	304.46	22.9
3,100.0	1.88	44.71	3,099.7	15.2	-17.1	311.78	22.9
3,200.0	1.73	51.27	3,199.6	17.3	-14.7	319.67	22.8
3,300.0	1.50	49.43	3,299.6	19.1	-12.6	326.75	22.9
3,400.0	1.31	41.76	3,399.6	20.8	-10.8	332.62	23.5
3,500.0	1.07	36.18	3,499.5	22.5	-9.5	337.10	24.4
3,600.0	0.99	28.50	3,599.5	24.0	-8.5	340.43	25.4
3,700.0	0.89	10.89	3,699.5	25.5	-8.0	342.65	26.7
3,800.0	1.02	12.95	3,799.5	27.1	-7.6	344.31	28.2
3,900.0	1.05	13.16	3,899.5	28.9	-7.2	345.98	29.8
4,000.0	1.12	5.42	3,999.5	30.7	-6.9	347.34	31.5
4,100.0	1.25	3.96	4,099.4	32.8	-6.7	348.39	33.5
4,200.0	1.30	2.11	4,199.4	35.0	-6.6	349.29	35.6
4,300.0	1.31	357.14	4,299.4	37.3	-6.6	349.91	37.9
4,400.0	1.28	356.56	4,399.4	39.6	-6.8	350.30	40.1
4,500.0	1.40	346.31	4,499.3	41.9	-7.1	350.35	42.5
4,600.0	1.62	347.11	4,599.3	44.4	-7.7	350.14	45.1
4,700.0	1.58	348.14	4,699.3	47.2	-8.3	349.99	47.9
4,800.0	1.55	349.62	4,799.2	49.8	-8.8	349.93	50.6
4,900.0	1.56	347.83	4,899.2	52.5	-9.4	349.87	53.3
5,000.0	1.48	347.42	4,999.2	55.1	-9.9	349.76	56.0
5,100.0	1.48	345.35	5,099.1	57.6	-10.6	349.61	58.6
5,200.0	1.75	342.61	5,199.1	60.3	-11.3	349.35	61.4
5,300.0	1.78	347.64	5,299.0	63.3	-12.1	349.15	64.4
5,400.0	1.80	342.37	5,399.0	66.3	-12.9	348.96	67.5
5,500.0	1.65	347.04	5,498.9	69.2	-13.7	348.77	70.5

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Well:	Simmons #2	North Reference:	Grid
Wellbore:	VH - Job #320514-KW-606	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #320514-KW-606	Database:	EDM-Regulatory

Survey							
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Azimuth (°)	Closure Distance (usft)
5,600.0	1.94	345.12	5,598.9	72.2	-14.5	348.65	73.7
5,700.0	1.91	348.37	5,698.8	75.5	-15.3	348.57	77.0
5,800.0	1.95	350.13	5,798.8	78.8	-15.9	348.60	80.4
5,900.0	1.90	356.01	5,898.7	82.1	-16.3	348.78	83.7
6,000.0	2.01	346.54	5,998.7	85.5	-16.8	348.87	87.1
6,100.0	1.88	343.96	6,098.6	88.8	-17.7	348.74	90.5
6,200.0	1.69	350.53	6,198.6	91.8	-18.4	348.68	93.6
6,300.0	1.77	349.62	6,298.5	94.8	-18.9	348.72	96.6
6,400.0	1.74	351.05	6,398.5	97.8	-19.4	348.77	99.7
6,500.0	1.74	351.03	6,498.4	100.8	-19.9	348.84	102.7
6,600.0	1.67	351.15	6,598.4	103.7	-20.3	348.90	105.7
6,700.0	1.61	351.19	6,698.3	106.6	-20.8	348.96	108.6
6,800.0	1.60	351.04	6,798.3	109.3	-21.2	349.02	111.4
6,900.0	1.49	349.57	6,898.3	112.0	-21.7	349.05	114.1
7,000.0	1.52	349.55	6,998.2	114.6	-22.1	349.06	116.7
7,100.0	1.51	349.48	7,098.2	117.2	-22.6	349.07	119.3
7,200.0	1.55	350.11	7,198.2	119.8	-23.1	349.09	122.0
7,300.0	1.50	350.66	7,298.1	122.4	-23.5	349.11	124.7
7,400.0	1.47	349.34	7,398.1	125.0	-24.0	349.13	127.3
7,500.0	1.40	352.81	7,498.1	127.4	-24.4	349.17	129.8
7,600.0	1.38	352.26	7,598.0	129.9	-24.7	349.23	132.2
7,700.0	1.27	353.12	7,698.0	132.1	-25.0	349.29	134.5
7,800.0	1.13	351.97	7,798.0	134.2	-25.3	349.34	136.6
7,900.0	1.13	358.82	7,898.0	136.2	-25.4	349.43	138.5
8,000.0	1.21	2.67	7,997.9	138.2	-25.4	349.59	140.5
8,100.0	1.28	354.87	8,097.9	140.4	-25.4	349.73	142.7
8,200.0	1.15	355.13	8,197.9	142.5	-25.6	349.80	144.8
8,300.0	1.14	351.48	8,297.9	144.5	-25.9	349.85	146.8
8,400.0	1.11	354.54	8,397.9	146.4	-26.1	349.89	148.7
8,500.0	1.22	353.01	8,497.8	148.5	-26.3	349.94	150.8
8,600.0	1.27	354.58	8,597.8	150.6	-26.6	350.00	152.9
8,700.0	1.28	351.79	8,697.8	152.8	-26.8	350.05	155.2
8,800.0	1.33	352.18	8,797.8	155.1	-27.1	350.07	157.4
8,900.0	1.65	348.16	8,897.7	157.6	-27.6	350.07	160.0
9,000.0	1.98	349.78	8,997.7	160.8	-28.2	350.05	163.2
9,100.0	2.43	345.52	9,097.6	164.5	-29.0	349.99	167.0
9,200.0	2.48	346.84	9,197.5	168.7	-30.1	349.90	171.3
9,300.0	2.78	348.13	9,297.4	173.1	-31.0	349.83	175.9
9,400.0	2.79	352.86	9,397.3	177.9	-31.8	349.85	180.8
9,500.0	2.83	7.69	9,497.2	182.8	-31.8	350.12	185.5
9,550.0	2.78	2.98	9,547.1	185.2	-31.6	350.32	187.9



Scientific Drilling

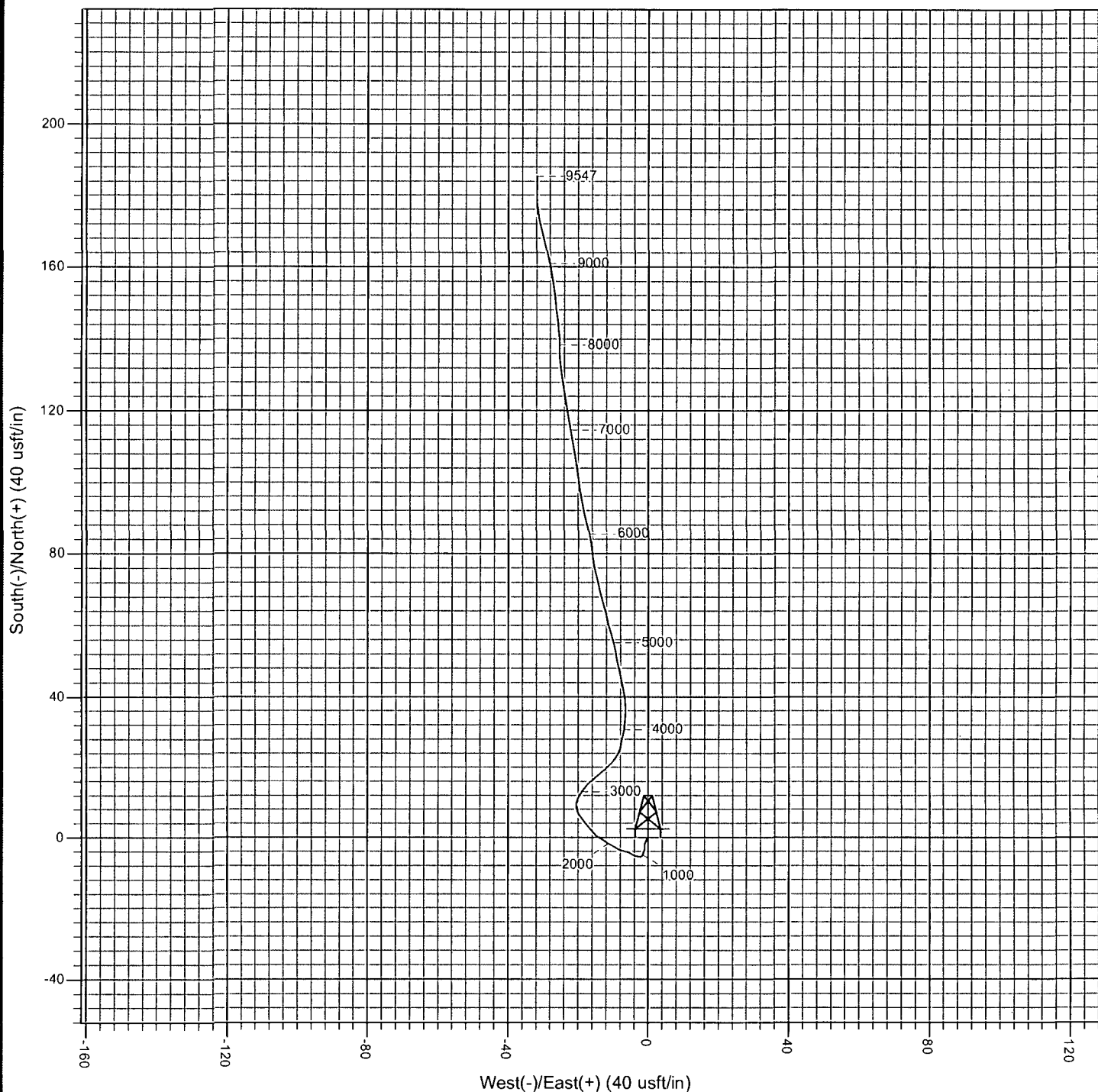
Project: Shipp Strawn
Lea County, NM (Grid North)
Well: Simmons #2
Wellbore: VH - Job #320514-KW-606
Design: VH - Job #320514-KW-606

WELL DETAILS: Simmons #2

Mean Sea Level (System)

Ground Level: 0.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	678689.83	834402.36	32° 51' 39.820 N	103° 14' 39.570 W	



PROJECT DETAILS: Shipp Strawn	SITE DETAILS: Lea County, NM (Grid North)
Geodetic System: US State Plane 1927 (Exact solution)	Site Centre Latitude: 32° 52' 7.700 N
Datum: NAD 1927 (NADCON CONUS)	Longitude: 103° 13' 36.640 W
Ellipsoid: Clarke 1866	Positional Uncertainty: 0.0
Zone: New Mexico East 3001	Convergence: 0.60
System Datum: Mean Sea Level	Local North: Grid

Weatherford

Evaluation, Drilling & Intervention
10000 West County Rd. 116
P.O. Box 61028
Midland, TX USA 79711
Tel. (432) 561-8892 Fax (432) 561-8895

Texland Petroleum, LP
777 Main St., Ste. 3200
Ft. Worth, TX 76102

Date: May 27, 2014

HOBBS OCD

Attention: Greg Mendenhall

JUL 31 2014

Re: Texland Petroleum, LP
Well: Simmons Estate #2
Lea County, New Mexico

RECEIVED

Enclosed, please find the original survey performed on the referenced well by Precision Energy Services, Inc. (P-5 No. 676004), a Weatherford company. Other information required by your office is as follows:

Name & Title Of Surveyor	Well Number	Surveyed Depths	Dates Performed	Type of Survey
Curtis Vestal	#2	9625 MD	5/06/2014	Measurement
MWD Supervisor		10545 MD	5/09/2014	While Drilling

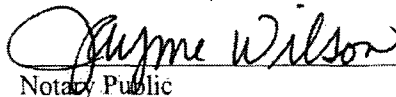
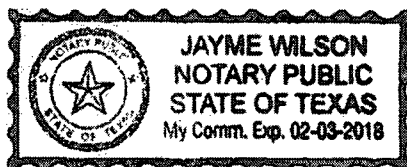
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.



Jesse Aguilar
MWD Ops Coordinator

On this, the 27th day of May, 2014, before me a notary public, the undersigned officer, personally appeared Jesse Aguilar, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness hereof, I hereunto set my hand and official seal.


Notary Public

Texland Petroleum L.P.
Simmons Est #2
Lea Co, NM



Weatherford

Plan Data for Simmons Est #2

Plan Point Information:
Dogleg Severity Unit: %/100.00ft Position offsets from Slot centre
MD Inc Az TVD +N/-S +E/-W Northing Easting VSec DLS
(USft) (°) (°) (USft) (USft) (USft) (USft) (USft) (DLSU)
9550.00 2.78 2.98 9547.10 185.23 -31.59 678875.53 834370.81 185.23 0.47
9835.21 5.82 170.77 9831.94 177.85 -28.91 678868.15 834373.49 177.85 3.00
11612.43 5.82 170.77 11600.00 0.00 0.00 678690.30 834402.40 0.00 0.00

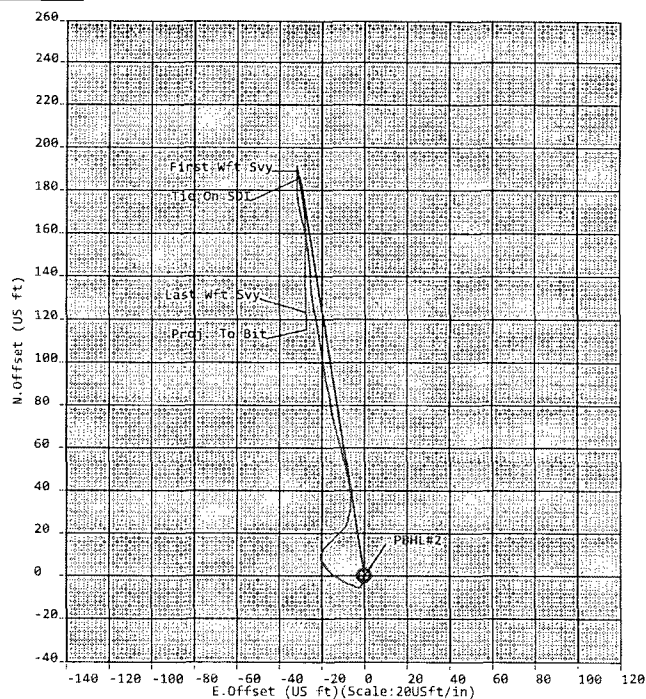
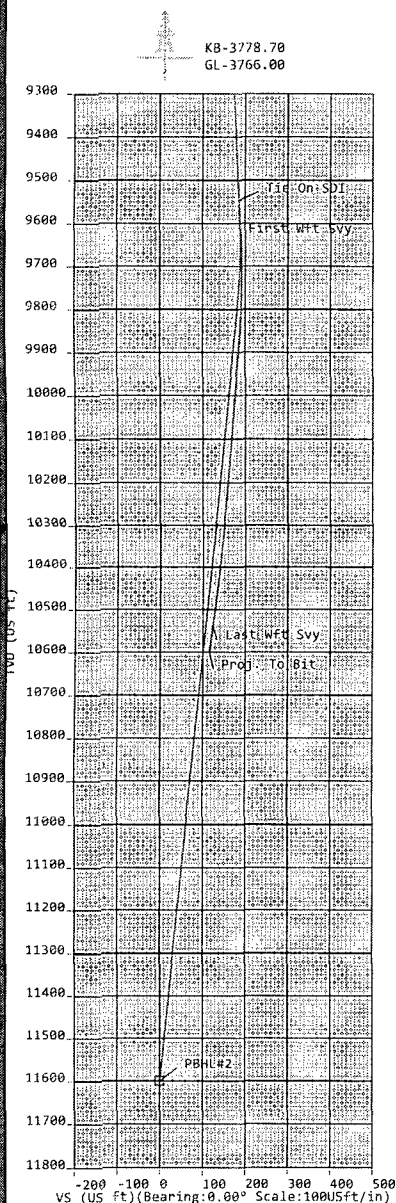
Plan Data for Simmons Est #2

Slot: Simmons Est #2
Position:
Offset is from Site centre
+N/-S: 0.00USft Northing: 678690.30USft Latitude: 32°51'39.8"
+E/-W: 0.00USft Easting: 834402.40USft Longitude: -103°14'39.6"
Elevation Above VRD: 3766.00USft

Plan Data for Simmons Est #2

Target Set Information:
Name: Simmons Est #2
Position offsets from Slot centre
Name TVD +N/-S +E/-W Northing Easting Shape Comment
(USft)(USft)(USft) (USft) (USft)
PBHL 11600.00 0.00 0.00 678690.30 834402.40 Cuboid

Simmons Est #2
Simmons Est #2
Simmons Est #2



Sign Off: Russell Joyner

5D Survey Report**Texland Petroleum L.P.****Field Name:** *Lea Co, NM Nad 27 NMEZ***Site Name:** *Simmons Est #2***Well Name:** *Simmons Est #2***Survey:** *Wft MWD Svy*

12 May 2014

**Weatherford®**

5D Survey Report

Simmons Est #2

Field Name Lea Co, NM Nad 27 NMEZ	Map Units : US ft	Company Name : Texland Petroleum L.P.
	Vertical Reference Datum (VRD) : Mean Sea Level	
	Projected Coordinate System : NAD27 / New Mexico East	
	Comment :	

Site Name Simmons Est #2	Units : US ft	North Reference : Grid	Convergence Angle : 0.59
	Position	Northing : 678690.30 US ft	Latitude : 32° 51' 39.82"
	Easting : 834402.40 US ft	Longitude : -103° 14' 39.57"	
	Elevation above Mean Sea Level : -0.00 US ft		
Comment :			

Slot Name Simmons Est #2	Position (Offsets relative to Site Centre)		
	+N / -S : 0.00 US ft	Northing : 678690.30 US ft	Latitude : 32° 51' 39.82"
	+E / -W : 0.00 US ft	Easting : 834402.40 US ft	Longitude : -103° 14' 39.57"
	Slot TVD Reference : Ground Elevation		
	Elevation above Mean Sea Level : 3766.00 US ft		
Comment :			

Well Name Simmons Est #2	Type : Main well	UWI :
	Rig Height : 12.70 US ft	Comment :
	Drill Floor : 12.70 US ft	
	Relative to Mean Sea Level : 3778.70 US ft	
	Closure Distance : 118.526 US ft	Closure Azimuth : 346.494°
Vertical Section (Position of Origin Relative to Slot)		
	+N / -S : 0.00 US ft	+E / -W : 0.00 US ft Az : 0.00°

Target Set

Name : Simmons Est #2 **Number of Targets** : 1

Comment :

Target Name: PBHL Shape: Cuboid	Position (Relative to Slot centre)		
	+N / -S : 0.00 US ft	Northing : 678690.30 US ft	Latitude : 32° 51' 39.82"
	+E / -W : 0.00 US ft	Easting : 834402.40 US ft	Longitude : -103° 14' 39.57"
	TVD (Drill Floor) : 11600.00 US ft		
	Orientation : Azimuth : 0.00° Inclination : 0.00°		
	Dimensions : Length : 0.00 US ft Breadth : 0.00 US ft Height : 0.00 US ft		

Survey Name : Wft MWD Svy

Date : 07/May/2014 **Survey Tool** : MWD **Comment** : **Company** :

Magnetic Model

Model Name : BGGM **Date** : 05/May/2014 **Field Strength** : 48754.6 nT **Declination** : 7.24° **Dip** : 60.75°

Tie Point

MD : 9550 **Inclination** : 2.78 **Azimuth** : 2.98 **TVD** : 9547.1 **North Offset** : 185.2 **East Offset** : -31.5921

Well path created using minimum curvature

5D Survey Report

Survey Points (Relative to Slot - centre, TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (°/100 US ft)	Northing (US ft)	Easting (US ft)	Comment
9550.00	2.78	2.98	9547.10	185.20	-31.59	185.20	0.00	678875.50	834370.81	Tie On SDI
9625.00	2.78	354.92	9622.02	188.83	-31.66	188.83	0.52	678879.13	834370.74	First Wft Svy
9725.00	0.16	85.35	9721.98	191.26	-31.73	191.26	2.79	678881.56	834370.67	
9820.00	2.38	174.02	9816.95	189.30	-31.40	189.30	2.51	678879.60	834371.00	
9916.00	5.54	169.44	9912.71	182.76	-30.34	182.76	3.31	678873.06	834372.06	
10011.00	4.71	171.92	10007.33	174.39	-28.95	174.39	0.90	678864.69	834373.45	
10106.00	4.07	174.66	10102.05	167.18	-28.09	167.18	0.71	678857.48	834374.31	
10202.00	5.07	180.76	10197.74	159.54	-27.83	159.54	1.16	678849.84	834374.57	
10297.00	5.46	180.86	10292.34	150.83	-27.95	150.83	0.41	678841.13	834374.45	
10392.00	5.68	180.06	10386.89	141.61	-28.02	141.61	0.25	678831.91	834374.38	
10489.00	7.19	177.80	10483.28	130.74	-27.80	130.74	1.58	678821.04	834374.60	
10545.00	7.83	180.10	10538.80	123.42	-27.67	123.42	1.26	678813.72	834374.73	Last Wft Svy
10605.00	7.83	180.10	10598.24	115.25	-27.68	115.25	0.00	678805.55	834374.72	Proj. To Bit



PRODRIFT MWD BY TELEDRIIFT
P.O.Box 94395
Oklahoma City, OK 73143-4395
Ph : 405-631-4882

TELEDRIIFT CANADA
Bay 7 4275 78th Ave SE
Calgary, Alberta P2C2Y4
Ph : 403-203-0840

Survey FileName : 4Norton-23APR14.psd
Tool Type : PRODRIFT-X
Job ID : 4Norton
Well Name : Simmon EST #1
Company : Norton Drilling
Contractor : Norton#4
API Number : 30-025-30177
Location : Lea
Start Date : 23 APR 14

HOBBS OCD

JUL 31 2014

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Notes :

Depth is in feet

Survey Number	Survey Depth	Date	Time	Inc
Tie_in	0	23 APR 2014	18:06	0.0
2	4571	25 APR 2014	03:49	1.8
4	4636	25 APR 2014	06:23	1.8
6	4700	25 APR 2014	09:13	1.4
8	4764	25 APR 2014	11:41	1.3
13	4891	25 APR 2014	17:08	1.6
15	4955	25 APR 2014	20:35	1.9
16	4955	25 APR 2014	20:48	1.9
17	5019	25 APR 2014	23:41	1.8
20	5083	26 APR 2014	03:41	1.4
21	5146	26 APR 2014	07:00	1.7
23	5210	26 APR 2014	09:58	1.3
25	5274	26 APR 2014	11:56	1.3
26	5338	26 APR 2014	14:26	1.6
28	5402	26 APR 2014	16:13	1.5
30	5465	26 APR 2014	18:09	1.9

32	5529	26 APR 2014	20:47	1.9
34	5593	26 APR 2014	23:17	1.8
36	5656	27 APR 2014	01:06	1.6
39	5720	27 APR 2014	03:07	1.6
40	5783	27 APR 2014	04:52	1.9
42	5847	27 APR 2014	06:45	2.1
44	5911	27 APR 2014	08:46	1.9
46	5974	27 APR 2014	10:35	1.6
48	6038	27 APR 2014	12:29	2.1
50	6102	27 APR 2014	15:26	2.0
51	6165	27 APR 2014	17:45	1.9
53	6229	27 APR 2014	20:45	2.0
55	6293	28 APR 2014	00:10	1.5
57	6356	28 APR 2014	02:18	1.9
60	6420	28 APR 2014	05:10	1.6
61	6484	28 APR 2014	07:08	1.5
63	6547	28 APR 2014	08:59	2.1
67	6675	28 APR 2014	16:08	1.9
68	6739	28 APR 2014	19:06	1.3
70	6784	28 APR 2014	22:15	1.8
72	6848	29 APR 2014	01:49	1.3
74	6912	29 APR 2014	04:50	1.2
76	6975	29 APR 2014	07:16	1.2
78	7039	29 APR 2014	10:28	1.2
86	7312	29 APR 2014	23:52	1.5
88	7376	30 APR 2014	02:45	1.7
90	7439	30 APR 2014	05:29	1.5
92	7485	30 APR 2014	08:23	1.6
99	7632	1 MAY 2014	03:51	1.6
100	7678	1 MAY 2014	07:16	1.2
106	7801	1 MAY 2014	23:28	0.9
107	7864	2 MAY 2014	01:25	1.2
108	7864	2 MAY 2014	01:36	1.2
109	7946	2 MAY 2014	03:22	0.9
111	7991	2 MAY 2014	05:25	0.9
113	8055	2 MAY 2014	07:24	1.4

115	8119	2 MAY 2014	10:11	1.3
117	8183	2 MAY 2014	12:34	0.7
123	8456	2 MAY 2014	22:04	1.2
125	8519	3 MAY 2014	00:02	1.2
127	8583	3 MAY 2014	02:00	0.9
129	8646	3 MAY 2014	04:20	1.4
131	8692	3 MAY 2014	06:16	1.1
133	8756	3 MAY 2014	08:23	1.1
134	8819	3 MAY 2014	10:40	1.6
136	8883	3 MAY 2014	13:23	1.7
142	9156	3 MAY 2014	23:45	2.1
144	9219	4 MAY 2014	02:22	2.3
146	9265	4 MAY 2014	06:07	2.7
148	9328	4 MAY 2014	13:11	2.5
154	9537	4 MAY 2014	22:22	2.7
156	9601	5 MAY 2014	02:09	2.9
159	9644	5 MAY 2014	12:19	2.9



PROSHOT MWD BY TELEDRIFT
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Oklahoma City, OK 73143-4395
Ph : 405-631-4882

TELEDRIFT CANADA
Bay 7 4275 78th Ave SE
Calgary, Alberta P2C2Y4
Ph : 403-203-0840

Survey FileName : 4Norton-09MAY14.psd
Tool Type : PROSHOT-X
Job ID : 4Norton
Well Name : Simmon EST #2
Company : Texland
Contractor : Norton #4
API Number : 30-025-30177
Location : Lea NM
Start Date : 09 MAY 14

HOBBS OCD

JUL 31 2014

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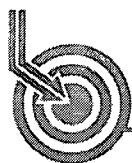
Notes :

Depth is in feet

All azimuths are referenced to TRUE NORTH and corrected with the north correction above

Survey Number	Survey Depth	Date	Time	Inc	Azimuth
Tie_in	0	9 MAY 2014	16:47	0.0	0.0
4	10680	10 MAY 2014	01:40	8.3	179.2
6	10809	10 MAY 2014	07:02	9.6	176.2
8	10844	10 MAY 2014	11:04	9.5	175.2
9	4658	10 MAY 2014	20:49	1.7	342.2
17	10839	13 MAY 2014	07:13	9.2	172.2
18	10877	13 MAY 2014	14:13	9.2	170.2
24	10906	14 MAY 2014	19:31	9.4	173.2
26	10937	15 MAY 2014	03:01	9.6	177.2
28	10969	15 MAY 2014	10:23	9.2	171.2
34	11065	16 MAY 2014	00:36	7.9	177.2
35	11097	16 MAY 2014	05:09	7.5	179.2
44	11256	16 MAY 2014	22:54	6.1	187.2
45	11288	17 MAY 2014	01:14	6.5	190.2
47	11320	17 MAY 2014	03:13	6.4	191.2
48	11351	17 MAY 2014	04:52	6.8	190.2

50	11383	17 MAY 2014	07:19	6.6	190.2
51	11415	17 MAY 2014	09:56	6.8	192.2
53	11447	17 MAY 2014	13:23	6.5	186.2



Scientific Drilling

Gyroscopic Survey Report
for
TEXLAND PETROLEUM

HOBBS OGD
JUL 31 2014
RECEIVED

Well Location	LEA COUNTY, NEW MEXICO
Well Name	SIMMONS EST #2
Rig Number	NORTON ENERGY DRILLING #4
Survey Date	5/5/2014
Latitude	32.8611610°N
North Reference	Grid North
Grid Correction	-0.59 deg
Depth Reference	RKB (12.70 ft)
Calculation Method	Minimum Curvature
Section (VS) Ref	0.00N (ft), 0.00E (ft), 0.00Azim (deg)
Definitive Survey	FINAL GYRO SURVEY
Operator(s)	JESUS CARRILLO

Well Notes



Well Name: SIMMONS EST #2
 Survey: FINAL GYRO SURVEY
 Survey Date: 5/5/2014

MD	Inc	Azim	TVD	VS	+N/-S	+E/-W	DLS	Closure	Closure
ft	deg	deg	ft	ft	ft	ft	%/100ft	Distance	Direction
								ft	deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid	0.00	0.00
100.00	0.14	219.94	100.00	-0.10	-0.10	-0.08	0.14	0.13	219.94
200.00	0.35	209.43	200.00	-0.46	-0.46	-0.31	0.21	0.55	214.19
300.00	0.37	203.83	300.00	-1.01	-1.01	-0.59	0.04	1.17	210.13
400.00	0.38	199.58	399.99	-1.62	-1.62	-0.83	0.03	1.82	207.12
500.00	0.34	192.12	499.99	-2.22	-2.22	-1.00	0.06	2.44	204.28
600.00	0.29	171.13	599.99	-2.77	-2.77	-1.03	0.13	2.95	200.34
700.00	0.35	185.94	699.99	-3.33	-3.33	-1.02	0.10	3.48	197.04
800.00	0.26	199.38	799.99	-3.85	-3.85	-1.13	0.11	4.01	196.33
900.00	0.39	191.13	899.99	-4.40	-4.40	-1.27	0.14	4.58	196.09
1000.00	0.39	217.59	999.98	-5.01	-5.01	-1.54	0.18	5.24	197.14
1100.00	0.19	215.05	1099.98	-5.41	-5.41	-1.85	0.20	5.72	198.85
1200.00	0.38	269.36	1199.98	-5.55	-5.55	-2.27	0.31	6.00	202.27
1300.00	0.45	279.45	1299.98	-5.49	-5.49	-2.99	0.10	6.25	208.58
1400.00	0.58	295.00	1399.98	-5.21	-5.21	-3.84	0.19	6.47	216.36
1500.00	0.59	295.74	1499.97	-4.78	-4.78	-4.76	0.01	6.74	224.89
1600.00	0.53	300.68	1599.97	-4.32	-4.32	-5.62	0.07	7.09	232.46
1700.00	0.71	274.10	1699.96	-4.04	-4.04	-6.64	0.34	7.77	238.69
1800.00	0.96	294.09	1799.95	-3.65	-3.65	-8.02	0.38	8.81	245.53
1900.00	1.11	299.08	1899.93	-2.84	-2.84	-9.63	0.18	10.04	253.59
2000.00	1.12	305.55	1999.91	-1.80	-1.80	-11.28	0.13	11.42	260.95
2100.00	1.22	298.95	2099.89	-0.71	-0.71	-13.01	0.17	13.03	266.88
2200.00	1.37	310.28	2199.87	0.58	0.58	-14.85	0.29	14.87	272.23
2300.00	1.23	318.41	2299.84	2.15	2.15	-16.48	0.23	16.62	277.45
2400.00	1.23	321.62	2399.82	3.79	3.79	-17.85	0.07	18.25	282.00
2500.00	1.16	325.96	2499.80	5.47	5.47	-19.08	0.11	19.85	286.00
2600.00	0.82	335.12	2599.78	6.96	6.96	-19.95	0.37	21.13	289.23
2700.00	0.71	341.42	2699.77	8.19	8.19	-20.45	0.14	22.03	291.83
2800.00	0.81	9.14	2799.76	9.48	9.48	-20.53	0.38	22.61	294.78
2900.00	1.07	24.68	2899.75	11.03	11.03	-20.03	0.36	22.86	298.83
3000.00	1.49	33.22	2999.73	12.96	12.96	-18.93	0.46	22.94	304.40
3100.00	1.88	44.71	3099.68	15.22	15.22	-17.06	0.51	22.86	311.73
3200.00	1.73	51.27	3199.63	17.33	17.33	-14.73	0.26	22.74	319.63
3300.00	1.50	49.43	3299.59	19.12	19.12	-12.56	0.24	22.88	326.70
3400.00	1.31	41.76	3399.56	20.82	20.82	-10.80	0.27	23.46	332.58
3500.00	1.07	36.18	3499.54	22.43	22.43	-9.49	0.27	24.36	337.07



Well Name: SIMMONS EST #2
 Survey: FINAL GYRO SURVEY
 Survey Date: 5/5/2014

MD	Inc	Azim	TVD	VS	+N/-S	+E/-W	DLS	Closure	Closure
ft	deg	deg	ft	ft	ft	ft	%/100ft	Distance	Direction
								ft	deg
3600.00	0.99	28.50	3599.53	23.94	23.94	-8.53	0.16	25.42	340.40
3700.00	0.89	10.89	3699.51	25.46	25.46	-7.97	0.30	26.68	342.62
3800.00	1.02	12.95	3799.50	27.09	27.09	-7.62	0.14	28.14	344.28
3900.00	1.05	13.16	3899.48	28.85	28.85	-7.21	0.03	29.74	345.96
4000.00	1.12	5.42	3999.46	30.72	30.72	-6.91	0.16	31.49	347.32
4100.00	1.25	3.96	4099.44	32.78	32.78	-6.75	0.13	33.46	348.37
4200.00	1.30	2.11	4199.42	34.99	34.99	-6.63	0.07	35.61	349.27
4300.00	1.31	357.14	4299.39	37.26	37.26	-6.64	0.11	37.85	349.89
4400.00	1.28	356.56	4399.37	39.52	39.52	-6.77	0.03	40.10	350.28
4500.00	1.40	346.31	4499.34	41.82	41.82	-7.12	0.27	42.43	350.33
4600.00	1.62	347.11	4599.31	44.39	44.39	-7.73	0.22	45.06	350.12
4700.00	1.58	348.14	4699.27	47.11	47.11	-8.33	0.05	47.84	349.98
4800.00	1.55	349.62	4799.23	49.79	49.79	-8.85	0.05	50.57	349.92
4900.00	1.56	347.83	4899.19	52.45	52.45	-9.39	0.05	53.28	349.86
5000.00	1.48	347.42	4999.16	55.04	55.04	-9.95	0.08	55.93	349.75
5100.00	1.48	345.35	5099.12	57.55	57.55	-10.56	0.05	58.51	349.60
5200.00	1.75	342.61	5199.08	60.25	60.25	-11.34	0.28	61.31	349.34
5300.00	1.78	347.64	5299.04	63.22	63.22	-12.13	0.16	64.37	349.14
5400.00	1.80	342.37	5398.99	66.24	66.24	-12.94	0.17	67.49	348.95
5500.00	1.65	347.04	5498.94	69.14	69.14	-13.74	0.21	70.49	348.76
5600.00	1.94	345.12	5598.89	72.17	72.17	-14.49	0.29	73.61	348.65
5700.00	1.91	348.37	5698.84	75.43	75.43	-15.26	0.11	76.96	348.56
5800.00	1.95	350.13	5798.78	78.74	78.74	-15.89	0.07	80.33	348.59
5900.00	1.90	356.01	5898.72	82.07	82.07	-16.30	0.20	83.68	348.77
6000.00	2.01	346.54	5998.67	85.43	85.43	-16.82	0.34	87.07	348.86
6100.00	1.88	343.96	6098.61	88.71	88.71	-17.68	0.15	90.46	348.73
6200.00	1.69	350.53	6198.56	91.75	91.75	-18.38	0.28	93.57	348.67
6300.00	1.77	349.62	6298.51	94.73	94.73	-18.90	0.08	96.60	348.72
6400.00	1.74	351.05	6398.47	97.75	97.75	-19.42	0.06	99.66	348.77
6500.00	1.74	351.03	6498.42	100.75	100.75	-19.89	0.00	102.69	348.83
6600.00	1.67	351.15	6598.38	103.69	103.69	-20.35	0.07	105.67	348.90
6700.00	1.61	351.19	6698.34	106.52	106.52	-20.79	0.06	108.53	348.96
6800.00	1.60	351.04	6798.30	109.30	109.30	-21.22	0.01	111.34	349.01
6900.00	1.49	349.57	6898.26	111.95	111.95	-21.68	0.12	114.03	349.04
7000.00	1.52	349.55	6998.23	114.53	114.53	-22.15	0.04	116.66	349.05
7100.00	1.51	349.48	7098.19	117.14	117.14	-22.63	0.01	119.31	349.06



Well Name: SIMMONS EST #2
Survey: FINAL GYRO SURVEY
Survey Date: 5/5/2014

MD ft	Inc deg	Azim deg	TVD ft	VS ft	+N/-S ft	+E/-W ft	DLS %/100ft	Closure Distance ft	Closure Direction deg
7200.00	1.55	350.11	7198.16	119.77	119.77	-23.11	0.04	121.98	349.08
7300.00	1.50	350.66	7298.12	122.39	122.39	-23.55	0.05	124.64	349.11
7400.00	1.47	349.34	7398.09	124.94	124.94	-24.00	0.05	127.23	349.13
7500.00	1.40	352.81	7498.05	127.42	127.42	-24.39	0.11	129.73	349.16
7600.00	1.38	352.26	7598.03	129.82	129.82	-24.71	0.03	132.15	349.23
7700.00	1.27	353.12	7698.00	132.12	132.12	-25.00	0.11	134.46	349.28
7800.00	1.13	351.97	7797.98	134.19	134.19	-25.27	0.14	136.55	349.34
7900.00	1.13	358.82	7897.96	136.16	136.16	-25.43	0.13	138.51	349.42
8000.00	1.21	2.67	7997.94	138.20	138.20	-25.40	0.12	140.51	349.59
8100.00	1.28	354.87	8097.91	140.37	140.37	-25.45	0.18	142.66	349.72
8200.00	1.15	355.13	8197.89	142.49	142.49	-25.64	0.13	144.77	349.80
8300.00	1.14	351.48	8297.87	144.47	144.47	-25.87	0.07	146.77	349.85
8400.00	1.11	354.54	8397.85	146.42	146.42	-26.11	0.07	148.73	349.89
8500.00	1.22	353.01	8497.83	148.44	148.44	-26.33	0.11	150.76	349.94
8600.00	1.27	354.58	8597.81	150.60	150.60	-26.56	0.06	152.93	350.00
8700.00	1.28	351.79	8697.78	152.81	152.81	-26.83	0.06	155.15	350.04
8800.00	1.33	352.18	8797.76	155.06	155.06	-27.14	0.05	157.42	350.07
8900.00	1.65	348.16	8897.72	157.62	157.62	-27.60	0.34	160.01	350.07
9000.00	1.98	349.78	8997.67	160.72	160.72	-28.20	0.33	163.18	350.05
9100.00	2.43	345.52	9097.60	164.47	164.47	-29.03	0.48	167.01	349.99
9200.00	2.48	346.84	9197.51	168.63	168.63	-30.06	0.08	171.29	349.89
9300.00	2.78	348.13	9297.40	173.11	173.11	-31.05	0.31	175.87	349.83
9400.00	2.79	352.86	9397.28	177.90	177.90	-31.85	0.23	180.73	349.85
9500.00	2.83	7.69	9497.16	182.76	182.76	-31.82	0.73	185.51	350.12
9550.00	2.78	2.98	9547.10	185.20	185.20	-31.59	0.47	187.87	350.32