



PHOENIX
TECHNOLOGY SERVICES

August 7, 2017

Oil Conservation Division
State of New Mexico
811 S. First St.
Artesia, New Mexico 88210

Dear District 2 - Artesia

Re: EOG Resources
Ceniza AGZ Com 1
Eddy Co., NM
API #30-015-26342
Job No. 61599

NM OIL CONSERVATION
ARTESIA DISTRICT

AUG 09 2017

RECEIVED

Enclosed please find the Survey Data Certification, and the original Plat and one copy of the Survey Report performed on the above referenced Well by Phoenix Technology Services, Inc. (P-5 No. 606018). Other information required by your office is as follows:

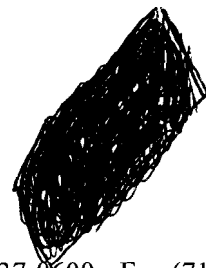
Name & Title of Surveyor	Drainhole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Andy Askew	1	0	7,500	8/2/17	8/2/17	Gyro

A certified plat on which the bottom hole location 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.

Best Regards,

Brittany Carley

Brittany Carley
Operations Administrator



SURVEY CERTIFICATION FORM

3610 Elkins Road Midland, TX 79705 t:432-684-0057 f: 432-686-7964



PHOENIX
TECHNOLOGY SERVICES

Company: EOG

Job #: 61599

Well Name: Ceniza AGZ Com 1

County/State: Eddy/ NM

Survey Instrument Type: North Seek Rate Gyro

API # 30-015-26342

TIE-IN DATA

0	0	0	0	0	0	Surface

First Survey

2017-08-02	0	0	0

Last Survey

2017-08-02	7500	1.47	234.93

Projected TD Survey

0	0	0	0

0.12

Gyro Operator: Phoenix Technology Services USA Ltd.

Gyro Supervisor: Angel Guebara

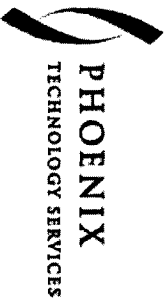
To the best of my knowledge I certify this survey data to be correct and true

Date:

8-2-17

Print Name: Andy Askew

Signature:



PHOENIX

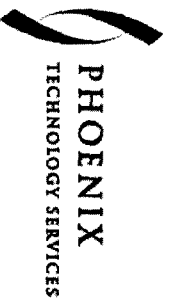
TECHNOLOGY SERVICES

Company: EOG
Well: Ceniza AGZ Com 1
Location: Eddy Co., NM
Rig: Pulling Unit

Job Number: 61599
Grid Corr.: 0.12
Lat: 32.59
Long: -104.54

Date: 08-02-17
Calculation Method: Minimum Curvature
Proposed Azimuth: Ground
RKB - MSL in feet: Surface
Tie Into:

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
FIELD COPY, NON-DEFINITIVE													
Enter Tie-In Survey on Line 10													
TIE IN	0			0	0	0	0	0					
Gyro	100.00	0.41	235.27	100	100.00	-0.20	0.20 S	0.29 W	0.36	235.27	0.41	0.41	235.27
	125.00	0.31	165.73	25	125.00	-0.32	0.32 S	0.35 W	0.48	227.61	1.67	-0.40	-278.16
	150.00	0.24	140.70	25	150.00	-0.43	0.43 S	0.30 W	0.52	215.22	0.55	-0.28	-100.12
	175.00	0.23	231.52	25	175.00	-0.50	0.50 S	0.31 W	0.59	211.66	1.34	-0.04	363.28
	200.00	0.05	97.66	25	200.00	-0.53	0.53 S	0.34 W	0.63	212.31	1.07	-0.72	-535.44
	225.00	0.24	165.49	25	225.00	-0.58	0.58 S	0.31 W	0.66	208.13	0.90	0.76	271.32
	250.00	0.24	207.93	25	250.00	-0.68	0.68 S	0.32 W	0.75	205.42	0.69	0.00	169.76
	275.00	0.28	182.67	25	275.00	-0.79	0.79 S	0.35 W	0.86	204.00	0.48	0.16	-101.04
	300.00	0.36	184.67	25	300.00	-0.93	0.93 S	0.36 W	0.99	201.22	0.32	0.32	8.00
	325.00	0.38	161.19	25	325.00	-1.08	1.08 S	0.34 W	1.14	197.40	0.61	0.08	-93.92
	350.00	0.40	144.52	25	350.00	-1.23	1.23 S	0.26 W	1.26	192.00	0.46	0.08	-66.68
	375.00	0.29	123.71	25	375.00	-1.34	1.34 S	0.16 W	1.35	186.76	0.66	-0.44	-83.24
	400.00	0.34	138.70	25	400.00	-1.43	1.43 S	0.06 W	1.43	182.29	0.38	0.20	59.96
	425.00	0.20	139.96	25	425.00	-1.52	1.52 S	0.02 E	1.52	179.25	0.56	-0.56	5.04
	450.00	0.35	55.54	25	449.99	-1.51	1.51 S	0.11 E	1.51	175.80	1.54	0.60	-337.68
	475.00	0.20	143.35	25	474.99	-1.50	1.50 S	0.20 E	1.51	172.41	1.59	-0.60	351.24
	500.00	0.43	181.87	25	499.99	-1.63	1.63 S	0.22 E	1.64	172.21	1.20	0.92	154.08
	525.00	0.48	176.04	25	524.99	-1.83	1.83 S	0.23 E	1.84	172.92	0.27	0.20	-23.32
	550.00	0.69	169.31	25	549.99	-2.08	2.08 S	0.26 E	2.10	172.82	0.88	0.84	-26.92
	575.00	0.84	160.75	25	574.99	-2.40	2.40 S	0.35 E	2.43	171.69	0.75	0.60	-34.24
	600.00	0.97	149.64	25	599.99	-2.76	2.76 S	0.52 E	2.81	169.36	0.87	0.52	-44.44
	625.00	0.88	155.53	25	624.98	-3.11	3.11 S	0.70 E	3.19	167.25	0.52	-0.36	23.56
	650.00	1.00	155.52	25	649.98	-3.49	3.49 S	0.87 E	3.60	165.93	0.48	0.48	-0.04
	675.00	1.12	154.93	25	674.98	-3.91	3.91 S	1.07 E	4.05	164.71	0.48	0.48	-2.36
	700.00	1.44	155.94	25	699.97	-4.42	4.42 S	1.30 E	4.60	163.60	1.28	1.28	4.04
	725.00	1.73	156.20	25	724.96	-5.05	5.05 S	1.58 E	5.29	162.62	1.16	1.16	1.04
	750.00	1.92	148.53	25	749.95	-5.75	5.75 S	1.95 E	6.07	161.26	1.24	0.76	-30.68



PHOENIX

TECHNOLOGY SERVICES

Company: EOG
Well: Ceniza AGZ Com 1
Location: Eddy Co, NM
Rig: Pulling Unit

Job Number: 61599
Grid Corr.: 0.12
Lat: 32.59
Long: -104.54

Calculation Method: Minimum Curvature
Proposed Azimuth: Ground
RKB - MSL in feet: Surface
Tie Into:

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
	775.00	2.24	140.90	25	774.93	-6.49	6.49 S	2.48 E	6.94	159.09	1.69	1.28	-30.52
	800.00	2.24	143.63	25	799.91	-7.26	7.26 S	3.08 E	7.88	157.04	0.43	0.00	10.92
	825.00	2.24	146.30	25	824.89	-8.06	8.06 S	3.64 E	8.84	155.71	0.42	0.00	10.68
	850.00	2.38	147.79	25	849.87	-8.90	8.90 S	4.18 E	9.84	154.83	0.61	0.56	5.96
	875.00	2.32	148.21	25	874.85	-9.77	9.77 S	4.73 E	10.86	154.19	0.25	-0.24	1.68
	900.00	2.38	147.23	25	899.83	-10.64	10.64 S	5.28 E	11.88	153.63	0.29	0.24	-3.92
	925.00	2.39	152.13	25	924.81	-11.54	11.54 S	5.80 E	12.91	153.31	0.82	0.04	19.60
	950.00	2.39	150.96	25	949.79	-12.45	12.45 S	6.30 E	13.96	153.18	0.20	0.00	-4.68
	975.00	2.51	151.42	25	974.76	-13.39	13.39 S	6.81 E	15.02	153.04	0.49	0.48	1.84
	1000.00	2.46	153.69	25	999.74	-14.35	14.35 S	7.31 E	16.11	153.01	0.44	-0.20	9.08
	1025.00	2.27	145.94	25	1024.72	-15.24	15.24 S	7.83 E	17.14	152.82	1.49	-0.76	-31.00
	1050.00	2.12	148.17	25	1049.70	-16.05	16.05 S	8.35 E	18.09	152.52	0.69	-0.60	8.92
	1075.00	2.05	152.40	25	1074.68	-16.84	16.84 S	8.80 E	19.00	152.41	0.68	-0.28	16.92
	1100.00	2.01	148.46	25	1099.67	-17.61	17.61 S	9.23 E	19.88	152.32	0.58	-0.16	-15.76
	1125.00	2.32	155.89	25	1124.65	-18.44	18.44 S	9.67 E	20.82	152.33	1.67	1.24	29.72
	1150.00	2.14	146.65	25	1149.63	-19.29	19.29 S	10.13 E	21.79	152.29	1.61	-0.72	-36.96
	1175.00	1.82	149.70	25	1174.62	-20.03	20.03 S	10.59 E	22.65	152.13	1.35	-1.28	12.20
	1200.00	1.96	139.45	25	1199.60	-20.69	20.69 S	11.07 E	23.47	151.86	1.46	0.56	-41.00
	1225.00	1.93	146.21	25	1224.59	-21.37	21.37 S	11.58 E	24.30	151.54	0.92	-0.12	27.04
	1250.00	2.14	148.96	25	1249.57	-22.12	22.12 S	12.06 E	25.19	151.41	0.93	0.84	11.00
	1275.00	1.66	154.00	25	1274.56	-22.84	22.84 S	12.46 E	26.02	151.40	2.03	-1.92	20.16
	1300.00	1.45	146.50	25	1299.55	-23.43	23.43 S	12.79 E	26.70	151.37	1.17	-0.84	-30.00
	1325.00	1.51	157.07	25	1324.54	-24.00	24.00 S	13.09 E	27.34	151.39	1.12	0.24	42.28
	1350.00	1.55	153.40	25	1349.53	-24.61	24.61 S	13.37 E	28.00	151.48	0.42	0.16	-14.68
	1375.00	1.61	157.46	25	1374.52	-25.23	25.23 S	13.66 E	28.69	151.57	0.51	0.24	16.24
	1400.00	1.52	154.35	25	1399.51	-25.86	25.86 S	13.94 E	29.37	151.68	0.49	-0.36	-12.44
	1425.00	1.64	159.14	25	1424.50	-26.49	26.49 S	14.21 E	30.06	151.79	0.71	0.48	19.16
	1450.00	1.43	157.61	25	1449.50	-27.11	27.11 S	14.45 E	30.72	151.94	0.86	-0.84	-6.12
	1475.00	1.48	165.98	25	1474.49	-27.71	27.71 S	14.65 E	31.35	152.14	0.87	0.20	33.48
	1500.00	1.57	155.20	25	1499.48	-28.34	28.34 S	14.87 E	32.00	152.31	1.20	0.36	-43.12



PHOENIX

TECHNOLOGY SERVICES

Company: EOG
Well: Ceniza AGZ Com 1
Location: Eddy Co., NM
Rig: Pulling Unit

Job Number: 61599
Grid Corr.: 0.12
Lat: 32.59
Long: -104.54

Calculation Method: Minimum Curvature
Proposed Azimuth: Ground
RKB - MSL in feet: Surface
Tie Into:

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
	1525.00	1.35	157.33	25	1524.47	-28.92	28.92 S	15.13 E	32.64	152.38	0.91	-0.88	8.52
	1550.00	1.49	160.64	25	1549.46	-29.50	29.50 S	15.35 E	33.25	152.51	0.65	0.56	13.24
	1575.00	1.30	159.61	25	1574.46	-30.07	30.07 S	15.56 E	33.86	152.65	0.77	-0.76	-4.12
	1600.00	1.24	151.09	25	1599.45	-30.57	30.57 S	15.79 E	34.41	152.69	0.79	-0.24	-34.08
	1625.00	1.48	165.60	25	1624.44	-31.12	31.12 S	16.00 E	34.99	152.80	1.67	0.96	58.04
	1650.00	1.56	163.07	25	1649.43	-31.76	31.76 S	16.18 E	35.64	153.01	0.42	0.32	-10.12
	1675.00	1.40	159.11	25	1674.43	-32.37	32.37 S	16.38 E	36.28	153.15	0.76	-0.64	-15.84
	1700.00	1.39	165.01	25	1699.42	-32.95	32.95 S	16.57 E	36.88	153.30	0.58	-0.04	23.60
	1725.00	1.15	169.39	25	1724.41	-33.49	33.49 S	16.70 E	37.42	153.50	1.03	-0.96	17.52
	1750.00	1.33	161.26	25	1749.41	-34.01	34.01 S	16.84 E	37.95	153.66	1.01	0.72	-32.52
	1775.00	1.25	163.67	25	1774.40	-34.55	34.55 S	17.01 E	38.51	153.79	0.39	-0.32	9.64
	1800.00	1.38	156.67	25	1799.39	-35.09	35.09 S	17.20 E	39.08	153.88	0.83	0.52	-28.00
	1825.00	1.34	156.69	25	1824.39	-35.63	35.63 S	17.44 E	39.67	153.92	0.16	-0.16	0.08
	1850.00	1.34	170.38	25	1849.38	-36.19	36.19 S	17.60 E	40.24	154.06	1.28	0.00	54.76
	1875.00	1.41	166.80	25	1874.37	-36.77	36.77 S	17.72 E	40.82	154.27	0.44	0.28	-14.32
	1900.00	1.50	165.98	25	1899.36	-37.39	37.39 S	17.87 E	41.44	154.46	0.37	0.36	-3.28
	1925.00	1.43	158.92	25	1924.36	-38.00	38.00 S	18.06 E	42.07	154.58	0.77	-0.28	-28.24
	1950.00	1.32	168.49	25	1949.35	-38.57	38.57 S	18.23 E	42.66	154.70	1.02	-0.44	38.28
	1975.00	1.57	170.10	25	1974.34	-39.19	39.19 S	18.35 E	43.27	154.91	1.01	1.00	6.44
	2000.00	1.43	172.33	25	1999.33	-39.84	39.84 S	18.45 E	43.90	155.15	0.61	-0.56	8.92
	2025.00	1.38	168.90	25	2024.32	-40.44	40.44 S	18.55 E	44.49	155.36	0.39	-0.20	-13.72
	2050.00	1.57	167.68	25	2049.32	-41.07	41.07 S	18.68 E	45.12	155.55	0.77	0.76	-4.88
	2075.00	1.36	172.92	25	2074.31	-41.70	41.70 S	18.79 E	45.74	155.75	1.00	-0.84	20.96
	2100.00	1.38	174.34	25	2099.30	-42.30	42.30 S	18.85 E	46.31	155.97	0.16	0.08	5.68
	2125.00	1.47	168.07	25	2124.29	-42.91	42.91 S	18.95 E	46.91	156.17	0.72	0.36	-25.08
	2150.00	1.29	172.92	25	2149.29	-43.50	43.50 S	19.05 E	47.49	156.35	0.86	-0.72	19.40
	2175.00	1.29	167.39	25	2174.28	-44.06	44.06 S	19.15 E	48.04	156.51	0.50	0.00	-22.12
	2200.00	1.31	173.63	25	2199.27	-44.62	44.62 S	19.24 E	48.59	156.67	0.57	0.08	24.96
	2225.00	1.14	169.84	25	2224.27	-45.14	45.14 S	19.32 E	49.10	156.84	0.75	-0.68	-15.16
	2250.00	1.22	175.11	25	2249.26	-45.65	45.65 S	19.38 E	49.60	157.00	0.54	0.32	21.08



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TECHNOLOGY SERVICES

Company: EOG
Well: Centiza AGZ Com 1
Location: Eddy Co., NM
Rig: Pulling Unit

Job Number: 61599
Grid Corr.: 0.12
Lat: 32.59
Long: -104.54

Calculation Method: Minimum Curvature
Proposed Azimuth:
RKB - MSL in feet:
Tie Into:
Ground Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure Distance (ft)	Closure Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
	2275.00	1.17	169.84	25	2274.26	-46.17	46.17 S	19.45 E	50.10	157.16	0.48	-0.20	-21.08
	2300.00	1.22	183.14	25	2299.25	-46.69	46.69 S	19.48 E	50.59	157.35	1.12	0.20	53.20
	2325.00	1.19	179.80	25	2324.25	-47.21	47.21 S	19.47 E	51.07	157.59	0.31	-0.12	-13.36
	2350.00	1.22	178.15	25	2349.24	-47.74	47.74 S	19.48 E	51.56	157.81	0.18	0.12	-6.60
	2375.00	0.94	173.20	25	2374.24	-48.21	48.21 S	19.51 E	52.01	157.97	1.18	-1.12	-19.80
	2400.00	1.27	183.43	25	2399.23	-48.69	48.69 S	19.52 E	52.45	158.16	1.53	1.32	40.92
	2425.00	1.17	181.54	25	2424.23	-49.22	49.22 S	19.49 E	52.94	158.39	0.43	-0.40	-7.56
	2450.00	1.29	177.76	25	2449.22	-49.76	49.76 S	19.50 E	53.44	158.60	0.58	0.48	-15.12
	2475.00	1.12	184.68	25	2474.21	-50.28	50.28 S	19.49 E	53.93	158.81	0.89	-0.68	27.68
	2500.00	1.07	177.26	25	2499.21	-50.76	50.76 S	19.48 E	54.37	159.00	0.60	-0.20	-29.68
	2525.00	1.07	180.38	25	2524.20	-51.22	51.22 S	19.49 E	54.81	159.17	0.23	0.00	12.48
	2550.00	1.18	179.18	25	2549.20	-51.72	51.72 S	19.49 E	55.27	159.35	0.45	0.44	-4.80
	2575.00	1.09	178.05	25	2574.20	-52.21	52.21 S	19.50 E	55.73	159.52	0.37	-0.36	-4.52
	2600.00	1.02	178.35	25	2599.19	-52.67	52.67 S	19.52 E	56.17	159.67	0.28	-0.28	1.20
	2625.00	1.25	187.73	25	2624.19	-53.16	53.16 S	19.49 E	56.62	159.87	1.18	0.92	37.52
	2650.00	1.16	183.29	25	2649.18	-53.69	53.69 S	19.44 E	57.10	160.10	0.52	-0.36	-17.76
	2675.00	0.98	186.41	25	2674.18	-54.15	54.15 S	19.40 E	57.52	160.29	0.76	-0.72	12.48
	2700.00	1.02	194.74	25	2699.17	-54.58	54.58 S	19.32 E	57.90	160.51	0.60	0.16	33.32
	2725.00	1.03	188.53	25	2724.17	-55.02	55.02 S	19.23 E	58.28	160.74	0.45	0.04	-24.84
	2750.00	0.87	191.79	25	2749.16	-55.42	55.42 S	19.16 E	58.64	160.93	0.68	-0.64	13.04
	2775.00	0.95	194.87	25	2774.16	-55.81	55.81 S	19.06 E	58.98	161.14	0.37	0.32	12.32
	2800.00	1.01	183.29	25	2799.16	-56.23	56.23 S	19.00 E	59.35	161.33	0.83	0.24	-46.32
	2825.00	0.83	199.05	25	2824.15	-56.62	56.62 S	18.93 E	59.70	161.52	1.24	-0.72	63.04
	2850.00	1.01	188.48	25	2849.15	-57.01	57.01 S	18.83 E	60.04	161.72	0.99	0.72	-42.28
	2875.00	0.83	191.48	25	2874.15	-57.41	57.41 S	18.77 E	60.40	161.90	0.75	-0.72	12.00
	2900.00	0.94	197.10	25	2899.15	-57.78	57.78 S	18.67 E	60.72	162.09	0.56	0.44	22.48
	2925.00	0.91	193.19	25	2924.14	-58.17	58.17 S	18.56 E	61.06	162.30	0.28	-0.12	-15.64
	2950.00	1.13	194.74	25	2949.14	-58.60	58.60 S	18.46 E	61.44	162.52	0.89	0.88	6.20
	2975.00	0.86	183.95	25	2974.13	-59.03	59.03 S	18.38 E	61.82	162.70	1.31	-1.08	-43.16
	3000.00	0.98	176.53	25	2999.13	-59.43	59.43 S	18.38 E	62.20	162.81	0.68	0.48	-29.68



PHOENIX

TECHNOLOGY SERVICES

Company: _____

Well: _____
Location: _____
Rig: _____

EOG

Centiza AGZ Com 1

Eddy Co., NM

Pulling Unit

Job Number: 61599

Grid Corr.: 0.12

Lat: 32.59

Long: -104.54

Calculation Method: Minimum Curvature

Proposed Azimuth: _____

RKB - MSL in feet: _____

Tie Into: _____

Ground _____
Surface _____

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
	3025.00	0.76	192.83	25	3024.13	-59.80	59.80 S	18.36 E	62.56	162.94	1.32	-0.88	65.20
	3050.00	1.00	205.21	25	3049.13	-60.16	60.16 S	18.23 E	62.86	163.14	1.22	0.96	49.52
	3075.00	0.76	185.40	25	3074.12	-60.52	60.52 S	18.12 E	63.18	163.33	1.54	-0.96	-79.24
	3100.00	0.82	192.84	25	3099.12	-60.86	60.86 S	18.06 E	63.49	163.47	0.47	0.24	29.76
	3125.00	0.84	203.17	25	3124.12	-61.21	61.21 S	17.95 E	63.78	163.65	0.60	0.08	41.32
	3150.00	0.90	184.00	25	3149.11	-61.57	61.57 S	17.87 E	64.11	163.82	1.18	0.24	-76.68
	3175.00	0.89	201.33	25	3174.11	-61.95	61.95 S	17.78 E	64.45	163.98	1.08	-0.04	69.32
	3200.00	0.87	201.32	25	3199.11	-62.30	62.30 S	17.64 E	64.75	164.19	0.08	-0.08	-0.04
	3225.00	0.81	182.69	25	3224.11	-62.66	62.66 S	17.56 E	65.07	164.34	1.11	-0.24	-74.52
	3250.00	0.70	195.05	25	3249.10	-62.98	62.98 S	17.52 E	65.37	164.46	0.78	-0.44	49.44
	3275.00	0.99	198.17	25	3274.10	-63.33	63.33 S	17.41 E	65.68	164.63	1.17	1.16	12.48
	3300.00	0.80	192.34	25	3299.10	-63.71	63.71 S	17.30 E	66.02	164.80	0.84	-0.76	-23.32
	3325.00	0.86	214.90	25	3324.10	-64.03	64.03 S	17.16 E	66.29	165.00	1.32	0.24	90.24
	3350.00	0.93	205.33	25	3349.09	-64.37	64.37 S	16.97 E	66.57	165.23	0.66	0.28	-38.28
	3375.00	0.73	196.06	25	3374.09	-64.71	64.71 S	16.84 E	66.86	165.42	0.96	-0.80	-37.08
	3400.00	0.79	217.49	25	3399.09	-65.00	65.00 S	16.69 E	67.11	165.60	1.15	0.24	85.72
	3425.00	0.88	216.61	25	3424.08	-65.29	65.29 S	16.47 E	67.33	165.84	0.36	0.36	-3.52
	3450.00	0.56	209.30	25	3449.08	-65.55	65.55 S	16.29 E	67.54	166.04	1.33	-1.28	-29.24
	3475.00	0.86	232.39	25	3474.08	-65.77	65.77 S	16.08 E	67.71	166.26	1.64	1.20	92.36
	3500.00	0.88	221.25	25	3499.08	-66.03	66.03 S	15.81 E	67.90	166.54	0.68	0.08	-44.56
	3525.00	0.69	214.53	25	3524.08	-66.30	66.30 S	15.60 E	68.11	166.76	0.84	-0.76	-26.88
	3550.00	0.65	258.09	25	3549.07	-66.45	66.45 S	15.37 E	68.21	166.97	1.99	-0.16	174.24
	3575.00	0.74	239.03	25	3574.07	-66.56	66.56 S	15.10 E	68.25	167.22	0.99	0.36	-76.24
	3600.00	0.73	273.90	25	3599.07	-66.64	66.64 S	14.80 E	68.26	167.48	1.76	-0.04	139.48
	3625.00	0.74	256.18	25	3624.07	-66.66	66.66 S	14.48 E	68.22	167.74	0.91	0.04	-70.88
	3650.00	0.54	245.69	25	3649.07	-66.75	66.75 S	14.22 E	68.25	167.98	0.92	-0.80	-41.96
	3675.00	0.83	266.22	25	3674.06	-66.81	66.81 S	13.93 E	68.25	168.22	1.50	1.16	82.12
	3700.00	0.82	270.01	25	3699.06	-66.82	66.82 S	13.57 E	68.19	168.52	0.22	-0.04	15.16
	3725.00	0.57	243.35	25	3724.06	-66.88	66.88 S	13.28 E	68.18	168.77	1.61	-1.00	-106.64
	3750.00	0.83	272.07	25	3749.06	-66.93	66.93 S	12.99 E	68.18	169.02	1.72	1.04	114.88



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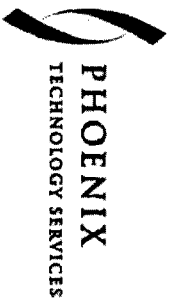
TECHNOLOGY SERVICES

Company: EOG
Well: Geniza AGZ Com 1
Location: Eddy Co., NM
Rig: Pulling Unit

Job Number: 61599
Grid Corr.: 0.12
Lat: 32.59
Long: -104.54

Calculation Method: Minimum Curvature
Proposed Azimuth:
RKB - MSL in feet:
Tie Into:
Ground Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Distance (ft)	Closure Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
	3775.00	0.94	264.44	25	3774.06	-66.94	66.94 S	12.60 E	68.12	169.34	0.64	0.44	-30.52
	3800.00	0.94	267.25	25	3799.05	-66.97	66.97 S	12.19 E	68.07	169.68	0.18	0.00	11.24
	3825.00	0.93	281.48	25	3824.05	-66.94	66.94 S	11.79 E	67.97	170.01	0.93	-0.04	56.92
	3850.00	1.23	282.67	25	3849.04	-66.84	66.84 S	11.33 E	67.79	170.38	1.20	1.20	4.76
	3875.00	1.25	281.41	25	3874.04	-66.73	66.73 S	10.80 E	67.60	170.81	0.14	0.08	-5.04
	3900.00	1.13	283.11	25	3899.03	-66.62	66.62 S	10.29 E	67.41	171.22	0.50	-0.48	6.80
	3925.00	1.56	290.61	25	3924.03	-66.44	66.44 S	9.74 E	67.15	171.66	1.85	1.72	30.00
	3950.00	1.53	298.92	25	3949.02	-66.16	66.16 S	9.12 E	66.79	172.15	0.90	-0.12	33.24
	3975.00	1.55	289.80	25	3974.01	-65.89	65.89 S	8.51 E	66.43	172.64	0.98	0.08	-36.48
	4000.00	1.85	296.46	25	3999.00	-65.59	65.59 S	7.84 E	66.06	173.19	1.43	1.20	26.64
	4025.00	1.77	299.86	25	4023.98	-65.22	65.22 S	7.14 E	65.61	173.75	0.54	-0.32	13.60
	4050.00	1.67	307.47	25	4048.97	-64.80	64.80 S	6.52 E	65.13	174.26	1.00	-0.40	30.44
	4075.00	2.02	305.16	25	4073.96	-64.33	64.33 S	5.87 E	64.60	174.79	1.43	1.40	-9.24
	4100.00	1.95	311.07	25	4098.95	-63.80	63.80 S	5.18 E	64.01	175.35	0.86	-0.28	23.64
	4125.00	2.18	309.19	25	4123.93	-63.22	63.22 S	4.50 E	63.38	175.93	0.96	0.92	-7.52
	4150.00	2.24	302.62	25	4148.91	-62.65	62.65 S	3.72 E	62.76	176.61	1.04	0.24	-26.28
	4175.00	2.34	304.91	25	4173.89	-62.10	62.10 S	2.89 E	62.16	177.34	0.54	0.40	9.16
	4200.00	2.37	316.21	25	4198.87	-61.43	61.43 S	2.11 E	61.47	178.03	1.86	0.12	45.20
	4225.00	2.48	320.82	25	4223.85	-60.64	60.64 S	1.41 E	60.66	178.67	0.90	0.44	18.44
	4250.00	2.74	312.39	25	4248.82	-59.82	59.82 S	0.63 E	59.82	179.40	1.85	1.04	-33.72
	4275.00	2.88	318.50	25	4273.79	-58.94	58.94 S	0.23 W	58.94	180.22	1.32	0.56	24.44
	4300.00	2.88	317.59	25	4298.76	-58.01	58.01 S	1.07 W	58.02	181.06	0.18	0.00	-3.64
	4325.00	2.81	322.22	25	4323.73	-57.06	57.06 S	1.87 W	57.09	181.88	0.96	-0.28	18.52
	4350.00	2.95	323.55	25	4348.70	-56.06	56.06 S	2.63 W	56.12	182.68	0.62	0.56	5.32
	4375.00	2.97	315.14	25	4373.66	-55.08	55.08 S	3.47 W	55.19	183.60	1.74	0.08	-33.64
	4400.00	2.90	322.33	25	4398.63	-54.12	54.12 S	4.31 W	54.30	184.55	1.50	-0.28	28.76
	4425.00	2.93	322.37	25	4423.60	-53.12	53.12 S	5.09 W	53.36	185.47	0.12	0.12	0.16
	4450.00	3.00	321.37	25	4448.57	-52.10	52.10 S	5.88 W	52.43	186.44	0.35	0.28	-4.00
	4475.00	3.05	314.57	25	4473.53	-51.12	51.12 S	6.77 W	51.57	187.54	1.45	0.20	-27.20
	4500.00	3.18	323.86	25	4498.49	-50.10	50.10 S	7.65 W	50.68	188.68	2.08	0.52	37.16



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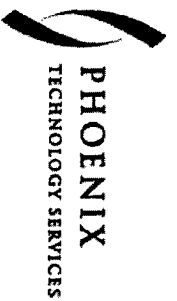
TECHNOLOGY SERVICES

Company: EOG
Well: Ceniza AGZ Com 1
Location: Eddy Co., NM
Rig: Pulling Unit

Job Number: 61599
Grid Corr.: 0.12
Lat: 32.59
Long: -104.54

Calculation Method: Minimum Curvature
Proposed Azimuth: RKB - MSL in feet:
Tie Into: Ground
Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
	4525.00	3.35	318.50	25	4523.45	-48.99	48.99 S	8.54 W	49.73	189.89	1.40	0.68	-21.44
	4550.00	3.16	322.67	25	4548.41	-47.89	47.89 S	9.44 W	48.82	191.16	1.21	-0.76	16.68
	4575.00	3.30	318.59	25	4573.37	-46.81	46.81 S	10.34 W	47.93	192.45	1.08	0.56	-16.32
	4600.00	3.26	319.17	25	4598.33	-45.73	45.73 S	11.28 W	47.10	193.86	0.21	-0.16	2.32
	4625.00	3.01	319.54	25	4623.30	-44.69	44.69 S	12.17 W	46.32	195.23	1.00	-1.00	1.48
	4650.00	3.54	326.72	25	4648.25	-43.55	43.55 S	13.02 W	45.45	196.64	2.68	2.12	28.72
	4675.00	3.35	323.32	25	4673.21	-42.32	42.32 S	13.88 W	44.53	198.16	1.12	-0.76	-13.60
	4700.00	3.28	327.88	25	4698.17	-41.12	41.12 S	14.70 W	43.67	199.66	1.09	-0.28	18.24
	4725.00	3.38	328.97	25	4723.13	-39.89	39.89 S	15.46 W	42.78	201.18	0.47	0.40	4.36
	4750.00	3.42	313.10	25	4748.08	-38.75	38.75 S	16.38 W	42.07	202.92	3.76	0.16	-63.48
	4775.00	3.37	317.66	25	4773.04	-37.69	37.69 S	17.42 W	41.52	204.80	1.10	-0.20	18.24
	4800.00	3.43	326.35	25	4797.99	-36.53	36.53 S	18.33 W	40.87	206.65	2.07	0.24	34.76
	4825.00	3.65	316.90	25	4822.95	-35.32	35.32 S	19.29 W	40.25	208.63	2.49	0.88	-37.80
	4850.00	3.46	308.28	25	4847.90	-34.28	34.28 S	20.42 W	39.90	210.79	2.27	-0.76	-34.48
	4875.00	3.44	329.93	25	4872.85	-33.16	33.16 S	21.39 W	39.46	212.83	5.18	-0.08	86.60
	4900.00	3.57	337.04	25	4897.81	-31.79	31.79 S	22.07 W	38.70	214.77	1.81	0.52	28.44
	4925.00	3.86	333.32	25	4922.76	-30.32	30.32 S	22.75 W	37.91	216.88	1.51	1.16	-14.88
	4950.00	3.82	336.72	25	4947.70	-28.81	28.81 S	23.46 W	37.15	219.16	0.92	-0.16	13.60
	4975.00	4.01	336.01	25	4972.64	-27.24	27.24 S	24.14 W	36.40	221.55	0.78	0.76	-2.84
	5000.00	3.99	317.74	25	4997.58	-25.80	25.80 S	25.08 W	35.98	224.19	5.08	-0.08	-73.08
	5025.00	4.25	330.09	25	5022.52	-24.36	24.36 S	26.13 W	35.72	227.01	3.69	1.04	49.40
	5050.00	4.38	331.65	25	5047.45	-22.71	22.71 S	27.05 W	35.32	229.98	0.70	0.52	6.24
	5075.00	4.52	332.47	25	5072.37	-21.00	21.00 S	27.95 W	34.96	233.09	0.62	0.56	3.28
	5100.00	4.55	331.79	25	5097.29	-19.25	19.25 S	28.88 W	34.71	236.31	0.25	0.12	-2.72
	5125.00	4.57	333.44	25	5122.21	-17.49	17.49 S	29.79 W	34.54	239.59	0.53	0.08	6.60
	5150.00	4.65	334.23	25	5147.13	-15.68	15.68 S	30.68 W	34.45	242.92	0.41	0.32	3.16
	5175.00	4.72	336.09	25	5172.05	-13.83	13.83 S	31.54 W	34.43	246.32	0.67	0.28	7.44
	5200.00	4.70	336.48	25	5196.96	-11.95	11.95 S	32.36 W	34.50	249.73	0.15	-0.08	1.56
	5225.00	4.59	338.30	25	5221.88	-10.08	10.08 S	33.14 W	34.64	253.08	0.74	-0.44	7.28
	5250.00	4.54	337.81	25	5246.80	-8.24	8.24 S	33.88 W	34.87	256.34	0.25	-0.20	-1.96



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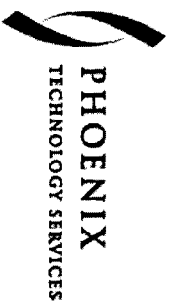
TECHNOLOGY SERVICES

Company: EOG
Well: Centiza AGZ Com 1
Location: Eddy Co., NM
Rig: Pulling Unit

Job Number: 61599
Grid Corr.: 0.12
Lat: 32.59
Long: -104.54

Calculation Method: Minimum Curvature
Proposed Azimuth: Ground
RKB - MSL in feet: Surface
Tie Into:

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
	5275.00	4.56	337.35	25	5271.72	-6.40	6.40 S	34.64 W	35.23	259.53	0.17	0.08	-1.84
	5300.00	4.57	341.83	25	5296.64	-4.54	4.54 S	35.33 W	35.62	262.68	1.43	0.04	17.92
	5325.00	4.41	341.41	25	5321.57	-2.68	2.68 S	35.95 W	36.05	265.73	0.65	-0.64	-1.68
	5350.00	3.51	332.21	25	5346.51	-1.09	1.09 S	36.61 W	36.63	268.29	4.40	-3.60	-36.80
	5375.00	3.81	347.89	25	5371.46	0.39	0.39 N	37.14 W	37.15	270.61	4.16	1.20	62.72
	5400.00	3.82	347.57	25	5396.40	2.02	2.02 N	37.50 W	37.55	273.08	0.09	0.04	-1.28
	5425.00	3.56	320.64	25	5421.35	3.43	3.43 N	38.17 W	38.32	275.14	6.94	-1.04	-107.72
	5450.00	3.56	323.91	25	5446.30	4.66	4.66 N	39.12 W	39.40	276.80	0.81	0.00	13.08
	5475.00	3.20	313.71	25	5471.26	5.77	5.77 N	40.08 W	40.49	278.19	2.80	-1.44	-40.80
	5500.00	3.27	323.38	25	5496.22	6.83	6.83 N	41.01 W	41.57	279.45	2.20	0.28	38.68
	5525.00	3.09	325.52	25	5521.18	7.95	7.95 N	41.82 W	42.57	280.77	0.86	-0.72	8.56
	5550.00	2.65	341.79	25	5546.15	9.06	9.06 N	42.38 W	43.34	282.06	3.69	-1.76	65.08
	5575.00	2.91	343.22	25	5571.12	10.21	10.21 N	42.74 W	43.95	283.44	1.08	1.04	5.72
	5600.00	2.13	335.45	25	5596.10	11.24	11.24 N	43.12 W	44.56	284.62	3.40	-3.12	-31.08
	5625.00	2.01	2.06	25	5621.08	12.10	12.10 N	43.30 W	44.96	285.62	3.84	-0.48	-1333.56
	5650.00	2.42	356.31	25	5646.06	13.07	13.07 N	43.31 W	45.24	286.79	1.86	1.64	1417.00
	5675.00	2.47	348.44	25	5671.04	14.12	14.12 N	43.46 W	45.69	288.00	1.36	0.20	-31.48
	5700.00	2.44	351.28	25	5696.02	15.18	15.18 N	43.65 W	46.21	289.18	0.50	-0.12	11.36
	5725.00	2.41	352.84	25	5721.00	16.23	16.23 N	43.79 W	46.70	290.33	0.29	-0.12	6.24
	5750.00	2.13	350.15	25	5745.98	17.20	17.20 N	43.94 W	47.18	291.38	1.20	-1.12	-10.76
	5775.00	2.24	350.24	25	5770.96	18.14	18.14 N	44.10 W	47.69	292.36	0.44	0.44	0.36
	5800.00	2.26	344.52	25	5795.94	19.10	19.10 N	44.31 W	48.25	293.32	0.90	0.08	-22.88
	5825.00	2.16	342.89	25	5820.92	20.03	20.03 N	44.58 W	48.87	294.19	0.47	-0.40	-6.52
	5850.00	1.75	345.82	25	5845.91	20.85	20.85 N	44.82 W	49.43	294.95	1.69	-1.64	11.72
	5875.00	1.95	343.84	25	5870.89	21.62	21.62 N	45.03 W	49.95	295.65	0.84	0.80	-7.92
	5900.00	1.99	343.05	25	5895.88	22.45	22.45 N	45.27 W	50.53	296.37	0.19	0.16	-3.16
	5925.00	1.90	337.59	25	5920.86	23.25	23.25 N	45.56 W	51.15	297.03	0.82	-0.36	-21.84
	5950.00	2.01	333.19	25	5945.85	24.02	24.02 N	45.91 W	51.82	297.62	0.74	0.44	-17.60
	5975.00	1.79	338.05	25	5970.83	24.77	24.77 N	46.26 W	52.47	298.17	1.09	-0.88	19.44
	6000.00	1.79	336.90	25	5995.82	25.50	25.50 N	46.56 W	53.08	298.71	0.14	0.00	-4.60



PHOENIX

TECHNOLOGY SERVICES

Company: EOG
Well: Ceniza AGZ Com 1
Location: Eddy Co., NM
Rig: Pulling Unit

Job Number: 61599
Grid Corr.: 0.12
Lat: 32.59
Long: -104.54

Calculation Method: Minimum Curvature
Proposed Azimuth: Ground
RKB - MSL in feet: Surface
Tie Into:

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	6025.00	1.74	342.61	25	6020.81	26.22	26.22 N	46.82 W	53.66	299.25	0.73	-0.20	22.84
	6050.00	2.04	339.49	25	6045.80	27.00	27.00 N	47.09 W	54.28	299.82	1.27	1.20	-12.48
	6075.00	1.93	347.76	25	6070.78	27.82	27.82 N	47.34 W	54.91	300.45	1.23	-0.44	33.08
	6100.00	1.82	343.50	25	6095.77	28.62	28.62 N	47.54 W	55.49	301.05	0.71	-0.44	-17.04
	6125.00	2.01	341.93	25	6120.75	29.41	29.41 N	47.79 W	56.11	301.61	0.79	0.76	-6.28
	6150.00	1.84	339.62	25	6145.74	30.21	30.21 N	48.06 W	56.77	302.15	0.75	-0.68	-9.24
	6175.00	1.75	344.62	25	6170.73	30.95	30.95 N	48.30 W	57.37	302.65	0.72	-0.36	20.00
	6200.00	1.73	346.88	25	6195.72	31.69	31.69 N	48.49 W	57.93	303.16	0.29	-0.08	9.04
	6225.00	1.81	344.13	25	6220.70	32.43	32.43 N	48.68 W	58.50	303.67	0.47	0.32	-11.00
	6250.00	1.91	345.85	25	6245.69	33.22	33.22 N	48.89 W	59.11	304.19	0.46	0.40	6.88
	6275.00	1.78	343.46	25	6270.68	33.99	33.99 N	49.11 W	59.72	304.69	0.60	-0.52	-9.56
	6300.00	1.79	342.02	25	6295.67	34.74	34.74 N	49.34 W	60.34	305.15	0.18	0.04	-5.76
	6325.00	1.94	332.45	25	6320.65	35.48	35.48 N	49.65 W	61.03	305.55	1.38	0.60	-38.28
	6350.00	1.68	329.52	25	6345.64	36.18	36.18 N	50.04 W	61.74	305.87	1.10	-1.04	-11.72
	6375.00	1.65	333.54	25	6370.63	36.81	36.81 N	50.38 W	62.40	306.16	0.48	-0.12	16.08
	6400.00	1.86	328.47	25	6395.62	37.48	37.48 N	50.75 W	63.09	306.45	1.04	0.84	-20.28
	6425.00	1.75	336.26	25	6420.61	38.18	38.18 N	51.12 W	63.80	306.75	1.07	-0.44	31.16
	6450.00	1.78	325.86	25	6445.59	38.85	38.85 N	51.49 W	64.50	307.03	1.29	0.12	-41.60
	6475.00	1.56	329.04	25	6470.58	39.46	39.46 N	51.88 W	65.19	307.25	0.95	-0.88	12.72
	6500.00	1.60	339.97	25	6495.57	40.08	40.08 N	52.18 W	65.80	307.53	1.21	0.16	43.72
	6525.00	1.14	318.46	25	6520.57	40.59	40.59 N	52.46 W	66.34	307.73	2.73	-1.84	-86.04
	6550.00	1.43	327.47	25	6545.56	41.04	41.04 N	52.80 W	66.87	307.86	1.41	1.16	36.04
	6575.00	1.26	327.82	25	6570.55	41.54	41.54 N	53.11 W	67.43	308.03	0.68	-0.68	1.40
	6600.00	1.50	323.91	25	6595.55	42.04	42.04 N	53.45 W	68.00	308.18	1.03	0.96	-15.64
	6625.00	1.42	334.66	25	6620.54	42.58	42.58 N	53.78 W	68.59	308.37	1.14	-0.32	43.00
	6650.00	1.39	317.95	25	6645.53	43.09	43.09 N	54.11 W	69.17	308.53	1.64	-0.12	-66.84
	6675.00	1.60	313.39	25	6670.52	43.55	43.55 N	54.57 W	69.82	308.59	0.96	0.84	-18.24
	6700.00	1.58	304.62	25	6695.51	43.99	43.99 N	55.10 W	70.51	308.60	0.98	-0.08	-35.08
	6725.00	1.78	292.05	25	6720.50	44.33	44.33 N	55.75 W	71.22	308.49	1.67	0.80	-50.28
	6750.00	1.68	283.75	25	6745.49	44.56	44.56 N	56.46 W	71.93	308.28	1.08	-0.40	-33.20



PHOENIX

TECHNOLOGY SERVICES

Company:

EOG

Well: Centiza AGZ Com 1

Location: Eddy Co., NM

Rig: Pulling Unit

Job Number: 61599

Grid Corr.: 0.12

Lat: 32.59

Long: -104.54

Calculation Method: Minimum Curvature

Proposed Azimuth: RKB - MSL in feet:

Tie Into: Ground Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	6775.00	2.06	283.39	25	6770.48	44.75	44.75 N	57.26 W	72.67	308.01	1.52	1.52	-1.44
	6800.00	2.11	280.19	25	6795.46	44.94	44.94 N	58.15 W	73.49	307.70	0.51	0.20	-12.80
	6825.00	2.11	280.59	25	6820.44	45.10	45.10 N	59.05 W	74.31	307.37	0.06	0.00	1.60
	6850.00	2.26	281.05	25	6845.43	45.28	45.28 N	59.99 W	75.16	307.05	0.60	0.60	1.84
	6875.00	2.28	280.47	25	6870.41	45.47	45.47 N	60.96 W	76.05	306.72	0.12	0.08	-2.32
	6900.00	2.20	282.79	25	6895.39	45.66	45.66 N	61.92 W	76.94	306.41	0.48	-0.32	9.28
	6925.00	2.32	280.80	25	6920.37	45.86	45.86 N	62.88 W	77.83	306.11	0.57	0.48	-7.96
	6950.00	2.26	285.52	25	6945.35	46.09	46.09 N	63.86 W	78.75	305.82	0.79	-0.24	18.88
	6975.00	2.26	281.98	25	6970.33	46.33	46.33 N	64.81 W	79.67	305.56	0.56	0.00	-14.16
	7000.00	2.28	283.03	25	6995.31	46.54	46.54 N	65.78 W	80.58	305.28	0.18	0.08	4.20
	7025.00	2.11	283.15	25	7020.29	46.76	46.76 N	66.71 W	81.47	305.03	0.68	-0.68	0.48
	7050.00	2.18	277.46	25	7045.27	46.92	46.92 N	67.63 W	82.32	304.75	0.90	0.28	-22.76
	7075.00	1.93	275.03	25	7070.26	47.02	47.02 N	68.52 W	83.10	304.46	1.06	-1.00	-9.72
	7100.00	1.75	273.80	25	7095.24	47.08	47.08 N	69.32 W	83.80	304.18	0.74	-0.72	-4.92
	7125.00	1.78	270.90	25	7120.23	47.12	47.12 N	70.09 W	84.46	303.91	0.38	0.12	-11.60
	7150.00	1.96	259.17	25	7145.22	47.04	47.04 N	70.90 W	85.09	303.56	1.69	0.72	-46.92
	7175.00	1.87	256.86	25	7170.20	46.87	46.87 N	71.72 W	85.67	303.17	0.47	-0.36	-9.24
	7200.00	1.79	245.55	25	7195.19	46.61	46.61 N	72.47 W	86.17	302.75	1.48	-0.32	-45.24
	7225.00	1.78	250.27	25	7220.18	46.32	46.32 N	73.19 W	86.62	302.33	0.59	-0.04	18.88
	7250.00	1.72	250.64	25	7245.17	46.07	46.07 N	73.91 W	87.09	301.93	0.24	-0.24	1.48
	7275.00	1.83	250.00	25	7270.16	45.81	45.81 N	74.64 W	87.57	301.54	0.45	0.44	-2.56
	7300.00	1.60	248.85	25	7295.15	45.54	45.54 N	75.34 W	88.04	301.15	0.93	-0.92	-4.60
	7325.00	1.73	241.44	25	7320.13	45.24	45.24 N	76.00 W	88.44	300.76	1.00	0.52	-29.64
	7350.00	1.54	236.65	25	7345.12	44.87	44.87 N	76.61 W	88.78	300.36	0.94	-0.76	-19.16
	7375.00	1.48	232.40	25	7370.12	44.49	44.49 N	77.15 W	89.05	299.97	0.51	-0.24	-17.00
	7400.00	1.67	240.89	25	7395.11	44.12	44.12 N	77.72 W	89.37	299.58	1.20	0.76	33.96
	7425.00	1.53	239.01	25	7420.10	43.77	43.77 N	78.32 W	89.72	299.20	0.60	-0.56	-7.52
	7450.00	1.57	242.15	25	7445.09	43.43	43.43 N	78.91 W	90.08	298.83	0.38	0.16	12.56
	7475.00	1.39	239.39	25	7470.08	43.12	43.12 N	79.48 W	90.42	298.48	0.77	-0.72	-11.04
	7500.00	1.47	234.93	25	7495.07	42.78	42.78 N	80.00 W	90.72	298.14	0.55	0.32	-17.84