

COG Operating, LLC

Eddy County, NM (NAD 27)

Sec 19 T16-S R30-E

Santa Elena 19 Fed #1H

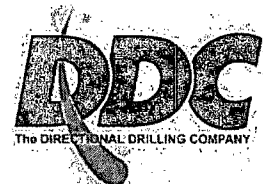
30-015-40567

Curve & Lateral

Design: Curve & Lateral

DDC Survey Report

28 December, 2012





DDC Survey Report



Company:	COG Operating, LLC	Local Co-ordinate Reference:	Well Santa Elena 19 Fed #1H
Project:	Eddy County, NM (NAD 27)	TVD Reference:	WELL @ 3757.0usft (Silver Oak #11)
Site:	Sec 19 T16 S R30-E	MD Reference:	WELL @ 3757.0usft (Silver Oak #11)
Well:	Santa Elena 19 Fed #1H	North Reference:	Grid
Wellbore:	Curve & Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Curve & Lateral	Database:	EDM 5000.1 Single User Db

Project	Eddy County, NM (NAD 27)		
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	Sec 19 T16 S R30-E		
Site Position:		Northing:	694,805.10 usft
From:	Map	Easting:	596,763.20 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 54' 34.919 N
		Longitude:	104° 1' 4.932 W
		Grid Convergence:	0.17 °

Well	Santa Elena 19 Fed #1H		
Well Position	+N-S	0.0 usft	Northing: 694,805.09 usft
	+E-W	0.0 usft	Easting: 596,763.20 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 54' 34.919 N
		Longitude:	104° 1' 4.932 W
		Ground Level:	3,740.0 usft

Wellbore	Curve & Lateral		
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/19/2012	7.66	60.71	48,826

Design	Curve & Lateral		
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Audit Notes:		Phase:	ACTUAL	Tie On Depth:	3,700.0
Version:	1.0				
Vertical Section:	Depth From (TVD) (usft)	+N-S (usft)	+E-W (usft)	Direction (°)	
	0.0	0.0	0.0	90.52	

Survey Program		Date	12/28/2012		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	3,700.0	Gyro (Pilot Hole)	Good_gyro	Good Gyro	
3,741.0	8,549.0	MWD (Curve & Lateral)	MWD default	MWD - Standard	

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.11	228.13	100.0	-0.1	-0.1	-0.1	0.11	0.11	0.00
200.0	0.47	116.25	200.0	-0.3	0.2	0.2	0.52	0.36	-111.88
300.0	0.44	132.94	300.0	-0.8	0.9	0.9	0.14	-0.03	16.69
400.0	0.49	64.98	400.0	-0.8	1.5	1.5	0.52	0.05	-67.96
500.0	0.59	79.69	500.0	-0.6	2.4	2.4	0.17	0.10	14.71
600.0	0.66	83.71	600.0	-0.4	3.5	3.5	0.08	0.07	4.02
700.0	0.55	86.74	700.0	-0.3	4.6	4.6	0.11	-0.11	3.03
800.0	0.91	90.58	800.0	-0.3	5.8	5.8	0.36	0.36	3.84
900.0	1.54	91.08	899.9	-0.3	8.0	8.0	0.63	0.63	0.50



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Site:	Sec 19 T16 S R30 E	MD Reference:	WELL @ 3757.0usft (Silver Oak #11)
Well:	Santa Elena 19 Fed #1H	North Reference:	Grid
Wellbore:	Curve & Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Curve & Lateral	Database:	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,000.0	1.34	79.24	999.9	-0.1	10.5	10.5	0.36	-0.20	-11.84
1,100.0	1.57	80.74	1,099.9	0.3	13.0	13.0	0.23	0.23	1.50
1,200.0	1.12	74.46	1,199.9	0.8	15.3	15.3	0.47	-0.45	-6.28
1,300.0	0.84	72.52	1,299.8	1.3	16.9	16.9	0.28	-0.28	-1.94
1,400.0	0.66	75.46	1,399.8	1.6	18.2	18.1	0.18	-0.18	2.94
1,500.0	0.63	68.84	1,499.8	2.0	19.2	19.2	0.08	-0.03	-6.62
1,600.0	0.79	64.76	1,599.8	2.5	20.4	20.3	0.17	0.16	-4.08
1,700.0	0.73	71.30	1,699.8	3.0	21.6	21.6	0.11	-0.06	6.54
1,800.0	0.61	90.99	1,799.8	3.2	22.7	22.7	0.26	-0.12	19.69
1,900.0	0.50	91.00	1,899.8	3.1	23.7	23.7	0.11	-0.11	0.01
2,000.0	0.44	73.63	1,999.8	3.2	24.5	24.5	0.15	-0.06	-17.37
2,100.0	0.51	55.34	2,099.8	3.6	25.2	25.2	0.17	0.07	-18.29
2,200.0	0.45	39.52	2,199.8	4.2	25.9	25.8	0.14	-0.06	-15.82
2,300.0	0.41	36.69	2,299.8	4.8	26.3	26.3	0.05	-0.04	-2.83
2,400.0	0.39	8.12	2,399.8	5.4	26.6	26.5	0.20	-0.02	-28.57
2,500.0	0.46	8.16	2,499.8	6.1	26.7	26.6	0.07	0.07	0.04
2,600.0	0.44	349.72	2,599.8	6.9	26.7	26.6	0.15	-0.02	-18.44
2,700.0	0.80	350.27	2,699.8	8.0	26.5	26.4	0.36	0.36	0.55
2,800.0	0.80	349.70	2,799.8	9.3	26.2	26.2	0.01	0.00	-0.57
2,900.0	0.61	347.49	2,899.8	10.5	26.0	25.9	0.19	-0.19	-2.21
3,000.0	0.75	359.36	2,999.7	11.7	25.9	25.8	0.20	0.14	11.87
3,100.0	0.48	9.45	3,099.7	12.8	25.9	25.8	0.29	-0.27	10.09
3,200.0	0.65	14.36	3,199.7	13.7	26.2	26.0	0.18	0.17	4.91
3,300.0	0.65	24.99	3,299.7	14.8	26.5	26.4	0.12	0.00	10.63
3,400.0	0.63	25.32	3,399.7	15.8	27.0	26.9	0.02	-0.02	0.33
3,500.0	0.67	21.70	3,499.7	16.9	27.5	27.3	0.06	0.04	-3.62
3,600.0	0.47	23.94	3,599.7	17.8	27.8	27.7	0.20	-0.20	2.24
Tie in @ 3700' MD / 3700' TVD									
3,700.0	0.28	21.92	3,699.7	18.4	28.1	27.9	0.19	-0.19	-2.02
3,741.0	0.30	14.20	3,740.7	18.6	28.2	28.0	0.11	0.05	-18.83
3,772.0	1.10	75.00	3,771.7	18.7	28.5	28.3	3.19	2.58	196.13
3,804.0	3.50	98.40	3,803.7	18.7	29.7	29.6	7.90	7.50	73.13
3,836.0	6.00	106.40	3,835.6	18.0	32.3	32.1	8.06	7.81	25.00
3,868.0	9.10	104.50	3,867.3	16.9	36.4	36.2	9.72	9.69	-5.94
3,899.0	13.10	99.80	3,897.7	15.7	42.2	42.1	13.22	12.90	-15.16
3,929.0	16.40	98.40	3,926.7	14.5	49.7	49.6	11.06	11.00	-4.67
3,960.0	19.40	97.00	3,956.2	13.3	59.2	59.1	9.78	9.68	-4.52
3,992.0	22.50	96.60	3,986.1	11.9	70.5	70.4	9.70	9.69	-1.25
4,024.0	25.80	97.30	4,015.3	10.3	83.5	83.4	10.35	10.31	2.19
4,055.0	29.00	98.20	4,042.8	8.4	97.7	97.6	10.41	10.32	2.90
4,086.0	32.20	99.10	4,069.5	6.0	113.3	113.2	10.43	10.32	2.90
4,118.0	35.30	99.40	4,096.1	3.2	130.8	130.8	9.70	9.69	0.94
Crossed Hardline @ 4150' MD / 4122' TVD									



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Well:	Santa Elena 19 Fed #1H	North Reference:	Grid
Wellbore:	Curve & Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Curve & Lateral	Database:	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,150.0	39.20	99.30	4,121.5	0.0	149.9	149.9	12.19	12.19	-0.31
4,181.0	43.40	98.50	4,144.8	-3.1	170.1	170.1	13.65	13.55	-2.58
4,213.0	47.80	97.80	4,167.2	-6.4	192.8	192.8	13.84	13.75	-2.19
4,244.0	52.20	96.10	4,187.1	-9.2	216.3	216.4	14.80	14.19	-5.48
4,276.0	56.40	93.80	4,205.8	-11.5	242.2	242.3	14.36	13.13	-7.19
4,308.0	59.90	90.50	4,222.7	-12.5	269.4	269.5	14.01	10.94	-10.31
4,339.0	63.10	88.50	4,237.5	-12.2	296.6	296.7	11.78	10.32	-6.45
4,371.0	65.80	88.30	4,251.3	-11.4	325.5	325.5	8.46	8.44	-0.63
4,402.0	68.50	88.90	4,263.3	-10.7	354.0	354.1	8.89	8.71	1.94
4,433.0	71.10	89.60	4,274.0	-10.4	383.1	383.2	8.65	8.39	2.26
4,464.0	73.90	89.90	4,283.3	-10.2	412.7	412.7	9.08	9.03	0.97
4,495.0	77.00	90.30	4,291.1	-10.3	442.7	442.7	10.08	10.00	1.29
4,527.0	79.80	90.80	4,297.6	-10.6	474.0	474.1	8.88	8.75	1.56
4,558.0	82.10	91.30	4,302.4	-11.1	504.6	504.7	7.59	7.42	1.61
4,589.0	84.70	92.60	4,306.0	-12.2	535.4	535.5	9.36	8.39	4.19
4,621.0	86.50	92.00	4,308.5	-13.5	567.3	567.4	5.93	5.63	-1.88
4,650.0	87.80	91.00	4,309.9	-14.2	596.2	596.3	5.65	4.48	-3.45
4,745.0	90.20	89.20	4,311.6	-14.4	691.2	691.3	3.16	2.53	-1.89
4,839.0	90.80	88.90	4,310.7	-12.8	785.2	785.3	0.71	0.64	-0.32
4,933.0	91.50	89.20	4,308.9	-11.3	879.1	879.2	0.81	0.74	0.32
5,028.0	91.80	89.80	4,306.1	-10.4	974.1	974.1	0.71	0.32	0.63
5,121.0	89.40	90.30	4,305.1	-10.5	1,067.1	1,067.1	2.64	-2.58	0.54
5,216.0	89.40	89.90	4,306.1	-10.7	1,162.1	1,162.1	0.42	0.00	-0.42
5,310.0	89.20	89.40	4,307.3	-10.1	1,256.1	1,256.1	0.57	-0.21	-0.53
5,404.0	89.90	90.60	4,308.0	-10.1	1,350.1	1,350.1	1.48	0.74	1.28
5,498.0	90.00	90.30	4,308.1	-10.9	1,444.1	1,444.1	0.34	0.11	-0.32
5,592.0	90.70	91.20	4,307.5	-12.1	1,538.0	1,538.1	1.21	0.74	0.96
5,688.0	91.70	91.30	4,305.5	-14.2	1,634.0	1,634.1	1.05	1.04	0.10
5,781.0	90.40	91.20	4,303.8	-16.2	1,727.0	1,727.0	1.40	-1.40	-0.11
5,875.0	91.30	92.40	4,302.4	-19.2	1,820.9	1,821.0	1.60	0.96	1.28
5,968.0	89.80	92.00	4,301.5	-22.7	1,913.8	1,914.0	1.67	-1.61	-0.43
6,063.0	88.90	91.30	4,302.6	-25.5	2,008.8	2,008.9	1.20	-0.95	-0.74
6,157.0	88.90	90.10	4,304.4	-26.6	2,102.8	2,102.9	1.28	0.00	-1.28
6,251.0	89.60	89.90	4,305.6	-26.6	2,196.7	2,196.9	0.77	0.74	-0.21
6,345.0	90.20	89.20	4,305.8	-25.9	2,290.7	2,290.9	0.98	0.64	-0.74
6,438.0	90.70	89.40	4,305.1	-24.7	2,383.7	2,383.9	0.58	0.54	0.22
6,533.0	91.20	89.60	4,303.5	-23.9	2,478.7	2,478.8	0.57	0.53	0.21
6,628.0	90.70	90.60	4,301.9	-24.1	2,573.7	2,573.8	1.18	-0.53	1.05
6,720.0	88.90	90.10	4,302.3	-24.6	2,665.7	2,665.8	2.03	-1.96	-0.54
6,813.0	89.30	90.30	4,303.7	-25.0	2,758.7	2,758.8	0.48	0.43	0.22
6,906.0	88.00	89.10	4,305.9	-24.5	2,851.6	2,851.8	1.90	-1.40	-1.29
6,999.0	89.90	89.10	4,307.6	-23.0	2,944.6	2,944.7	2.04	2.04	0.00
7,094.0	89.30	87.70	4,308.3	-20.4	3,039.6	3,039.6	1.60	-0.63	-1.47
7,189.0	89.40	89.10	4,309.3	-17.7	3,134.5	3,134.6	1.48	0.11	1.47



DDC
Survey Report



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Project:	Eddy County, NM (NAD 27)	TVD Reference:	WELL @ 3757.0usft (Silver Oak #11)
Site:	Sec 19 T16 S R30 E	MD Reference:	WELL @ 3757.0usft (Silver Oak #11)
Well:	Santa Elena 19 Fed #1H	North Reference:	Grid
Wellbore:	Curve & Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Curve & Lateral	Database:	EDM/5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,284.0	90.00	91.90	4,309.8	-18.5	3,229.5	3,229.6	3.01	0.63	2.95
7,379.0	90.10	92.00	4,309.8	-21.8	3,324.5	3,324.5	0.15	0.11	0.11
7,474.0	91.00	91.20	4,308.9	-24.4	3,419.4	3,419.5	1.27	0.95	-0.84
7,568.0	89.60	89.60	4,308.4	-25.1	3,513.4	3,513.5	2.26	-1.49	-1.70
7,662.0	89.30	90.10	4,309.3	-24.8	3,607.4	3,607.5	0.62	-0.32	0.53
7,756.0	89.80	91.90	4,310.0	-26.5	3,701.4	3,701.5	1.99	0.53	1.91
7,851.0	88.70	91.00	4,311.2	-28.9	3,796.3	3,796.4	1.50	-1.16	-0.95
7,945.0	90.50	92.20	4,311.9	-31.5	3,890.3	3,890.4	2.30	1.91	1.28
8,038.0	89.90	91.70	4,311.6	-34.7	3,983.2	3,983.4	0.84	-0.65	-0.54
8,132.0	90.80	91.50	4,311.0	-37.3	4,077.2	4,077.4	0.98	0.96	-0.21
8,225.0	90.70	91.30	4,309.8	-39.6	4,170.2	4,170.4	0.24	-0.11	-0.22
8,318.0	90.70	90.60	4,308.6	-41.1	4,263.1	4,263.3	0.75	0.00	-0.75
8,410.0	91.20	90.60	4,307.1	-42.1	4,355.1	4,355.3	0.54	0.54	0.00
8,487.0	91.70	90.30	4,305.2	-42.7	4,432.1	4,432.3	0.76	0.65	-0.39
TD @ 8549' MD / 4303' TVD									
8,549.0	91.70	90.30	4,303.3	-43.0	4,494.1	4,494.3	0.00	0.00	0.00

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
3,700.0	3,699.7	18.4	28.1	Tie in @ 3700' MD / 3700' TVD
4,150.0	4,121.5	0.0	149.9	Crossed Hardline @ 4150' MD / 4122' TVD
8,549.0	4,303.3	-43.0	4,494.1	TD @ 8549' MD / 4303' TVD

Checked By: _____	Approved By: _____	Date: _____
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A GYRO TECHNOLOGIES INC. COMPANY

PO Box 261021
Corpus Christi, Texas 78426
(361) 767-0602 • (800) 606-GYRO • Fax (361) 767-0612

December 26, 2012

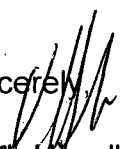
Concho Resources, Inc.
One Concho Center
600 W. Illinois Avenue
Midland, Texas 79701

Attn: Kanicia Castillo

RE: **Santa Elena 19 Federal No. 001H**

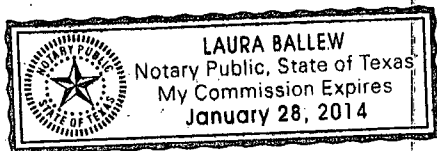
Please find enclosed a copy of the survey from 0.00' to 5033.00' ran on the above referenced well.

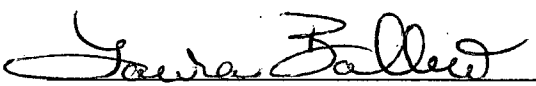
Sincerely,


Keith Havelka
Operations

STATE OF TEXAS §
 §
COUNTY OF NUECES §

This instrument was acknowledged before me on the 28th day of December
A.D., 2012, by Keith Havelka.





Laura Ballew
Notary Public, State of Texas

Company: COG Operating LLC (Concho)
Lease/Well: Santa Elena 19 Federal / No. 001H



Rig Name: Silver Oak 11
State/County: New Mexico / Eddy
Latitude: 32.91, Longitude: -104.02
GRID North is 0.17 Degrees East of True North
VS-Azi: 0.00 Degrees



RKB : 18'

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: ...lena 19 fed #1 gyro survey.ut

Minimum Curvature Method

Report Date/Time: 12/26/2012 / 09:00

Vaughn Energy Services

Gardendale, Texas

4632-563-5444

Surveyor: Dustin Wedel

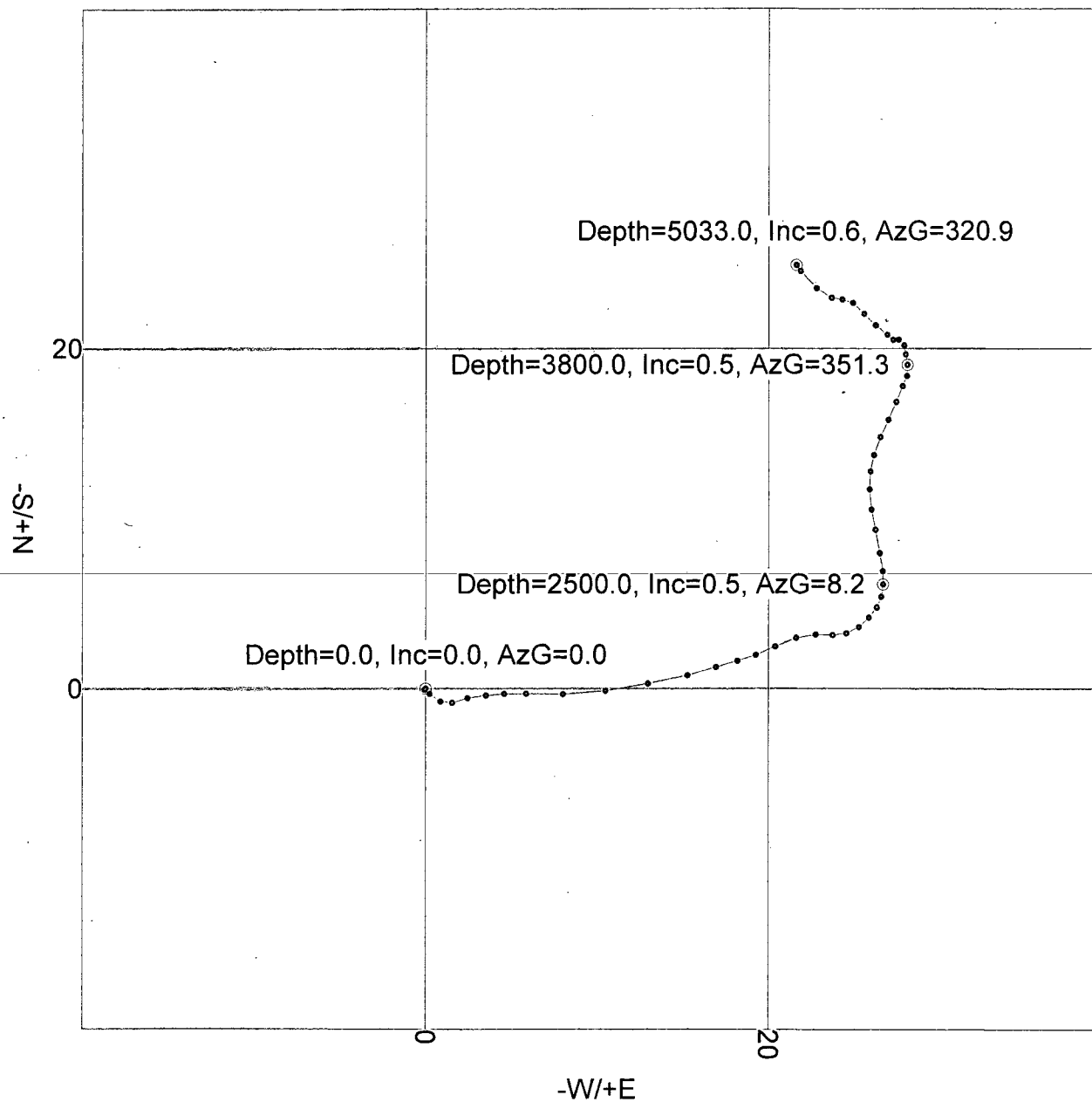
Santa Elena 19 Federal No. 001H / API 30-015-40567

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
100.00	0.11	228.13	100.00	-0.06	-0.07	0.09	228.13	0.11
200.00	0.47	116.25	200.00	-0.31	0.23	0.38	143.42	0.52
300.00	0.44	132.94	300.00	-0.75	0.88	1.16	130.53	0.14
400.00	0.49	64.98	399.99	-0.83	1.55	1.76	118.26	0.52
500.00	0.59	79.69	499.99	-0.56	2.44	2.50	102.86	0.17
600.00	0.66	83.71	599.98	-0.40	3.52	3.55	96.51	0.08
700.00	0.55	86.74	699.98	-0.31	4.58	4.59	93.89	0.11
800.00	0.91	90.58	799.97	-0.29	5.86	5.86	92.85	0.36
900.00	1.54	91.08	899.95	-0.33	7.99	7.99	92.33	0.63
1000.00	1.34	79.24	999.91	-0.13	10.48	10.48	90.72	0.35
1100.00	1.57	80.74	1099.88	0.31	12.98	12.98	88.64	0.23
1200.00	1.12	74.46	1199.85	0.79	15.28	15.30	87.04	0.47
1300.00	0.84	72.52	1299.84	1.27	16.92	16.97	85.70	0.29
1400.00	0.66	75.46	1399.83	1.64	18.18	18.25	84.85	0.18
1500.00	0.63	68.84	1499.82	1.98	19.25	19.35	84.13	0.08
1600.00	0.79	64.76	1599.82	2.47	20.38	20.53	83.08	0.18
1700.00	0.73	71.30	1699.81	2.97	21.61	21.82	82.17	0.11
1800.00	0.61	90.99	1799.80	3.17	22.75	22.97	82.07	0.26

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1900.00	0.50	91.00	1899.80	3.15	23.72	23.93	82.43	0.11
2000.00	0.44	73.63	1999.79	3.25	24.52	24.74	82.45	0.15
2100.00	0.51	55.34	2099.79	3.61	25.26	25.52	81.86	0.17
2200.00	0.45	39.52	2199.79	4.17	25.87	26.21	80.85	0.15
2300.00	0.41	36.69	2299.78	4.76	26.34	26.77	79.75	0.04
2400.00	0.39	8.12	2399.78	5.39	26.61	27.15	78.55	0.20
2500.00	0.46	8.16	2499.78	6.13	26.71	27.40	77.08	0.07
2600.00	0.44	349.72	2599.78	6.90	26.70	27.58	75.51	0.15
2700.00	0.80	350.27	2699.77	7.96	26.51	27.68	73.28	0.36
2800.00	0.80	349.70	2799.76	9.33	26.27	27.88	70.44	0.01
2900.00	0.61	347.49	2899.75	10.54	26.03	28.08	67.97	0.19
3000.00	0.75	359.36	2999.74	11.71	25.91	28.43	65.68	0.20
3100.00	0.48	9.45	3099.74	12.78	25.97	28.94	63.80	0.30
3200.00	0.65	14.36	3199.73	13.73	26.18	29.56	62.32	0.18
3300.00	0.65	24.99	3299.73	14.80	26.56	30.40	60.88	0.12
3400.00	0.63	25.32	3399.72	15.81	27.04	31.32	59.68	0.02
3500.00	0.67	21.70	3499.72	16.85	27.49	32.24	58.49	0.06
3600.00	0.47	23.94	3599.71	17.78	27.87	33.06	57.47	0.20
3700.00	0.28	21.92	3699.71	18.38	28.13	33.61	56.84	0.19
3800.00	0.50	351.33	3799.71	19.04	28.16	33.99	55.94	0.29
3900.00	0.21	348.40	3899.70	19.65	28.06	34.25	54.99	0.29
4000.00	0.40	351.67	3999.70	20.18	27.97	34.49	54.19	0.19
4100.00	0.32	267.52	4099.70	20.52	27.64	34.42	53.41	0.49
4200.00	0.06	277.33	4199.70	20.51	27.31	34.16	53.09	0.26
4300.00	0.48	312.73	4299.70	20.80	26.96	34.05	52.34	0.43
4400.00	0.54	306.55	4399.69	21.37	26.27	33.86	50.88	0.08
4500.00	0.59	320.60	4499.69	22.05	25.56	33.76	49.23	0.15
4600.00	0.48	304.88	4599.69	22.68	24.89	33.68	47.66	0.18
4700.00	0.32	263.89	4699.68	22.90	24.27	33.36	46.67	0.32
4800.00	0.41	290.98	4799.68	22.99	23.66	32.99	45.82	0.19
4900.00	0.79	308.86	4899.68	23.55	22.79	32.77	44.06	0.42
5000.00	0.82	326.31	4999.67	24.58	21.86	32.89	41.64	0.25
5033.00	0.62	320.88	5032.66	24.92	21.61	32.98	40.94	0.65



Vaughn Energy Services
Gardendale, Texas
4632-563-5444
Surveyor: Dustin Wedel
Santa Elena 19 Federal No. 001H / API 30-015-40567



VES Survey Date: 12/13/2012