Silver Oak Drilling

PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

December 28, 2011

15-39542

COG, LLC
Fasken Center, Tower II
550 West Texas Ave, Suite 1300
Midland, TX 79701

RE: Copperhead 30 Fee #1H
480' FNL & 480' FEL
Sec. 30, T26S, R29E
Eddy County, New Mexico

Dear Sir,

The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 28th day of December, 2011.

Reginia L. Garner
Notary Public

OFFICIAL SEAL
REGINIA L. GARNER
NOTARY PUBLIC - STATE OF NEW MEXICO
My commission expires Aug. 30, 2013

Pason DataHub Deviation Survey
Well Dossier 1322614018 - COPPERHEAD 30 FEE #1H
#

# Date	Depth	Deviation	Direction	TVD
11/30/2011	155	0.1	0	0
11/30/2011	311	0.8	0	0
12/1/2011	448	1.9	0	0
12/3/2011	680	1.5	0	0
12/3/2011	1052	1.9	0	0
12/3/2011	1175	0.1	0	0
12/4/2011	1536	1.2	0	0
12/4/2011	1937	1.2	0	0
12/5/2011	2140	1.4	0	0
12/5/2011	2560	2.7	0	0
12/8/2011	2868	2.9	0	0
12/8/2011	3132	3.0	0	0
12/9/2011	3764	1.2	0	0
12/9/2011	4165	0.4	0	0
12/9/2011	4549	1.2	0	0
12/10/2011	4970	1.6	0	0
12/10/2011	5433	2.1	0	0
12/10/2011	5909	2.2	0	0
12/11/2011	6396	0.1	0	0
12/12/2011	6873	2.4	0	0
12/12/2011	7148	3.0	0	0
12/12/2011	7274	2.2	0	0
12/12/2011	7433	2.8	0	0
12/16/2011	6566	5.3	256.6	0
12/16/2011	6846	29.0	266.8	6851
12/18/2011	7005	30.9	277.1	0
12/19/2011	7163	46.1	280.5	0
12/19/2011	7342	81.2	274.8	0
12/20/2011	7576	96.7	270.9	0
12/20/2011	7993	96.5	271.5	0
12/21/2011	8813	89.8	269.4	0
12/21/2011	9171	93.0	270.7	9223
12/24/2011	9862	88.5	272.8	7086
12/24/2011	9957	89.0	272.1	7088
12/25/2011	10812	93.4	271.3	7061
12/25/2011	11002	90.9	272.7	7054
12/25/2011	11193	90.3	272.2	7052
12/26/2011	11372	90.5	271.8	7051

EOF

COG OPERATING

WC Bone Spring
Eddy County, NM
Copperhead "30" Fee #1H
VH - Job #32K12111207

Survey: Gyro

SDI Standard Survey Report

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

K. Martin

Notarized this date 31st of December, 2011.

Carrie Reed

Notary Signature
County of Midland
State of Texas

NOTARY PUBLIC STATE OF TEXAS
CARRIE REED
My Commission Expires
October 4, 2015

Scientific Drilling
Directional Drilling Operations

Scientific Drilling International, Inc.

SDI Standard Survey Report

Scientific Drilling
Directional Drilling Operations

Company:	COG OPERATING	**Local Co-ordinate Reference:**	Well Copperhead "30" Fee #1H
Project:	WC Bone Spring	**TVD Reference:**	WELL @ 0.0usft (Original Well Elev)
Site:	Eddy County, NM	**MD Reference:**	WELL @ 0 0usft (Original Well Elev)
Well:	Copperhead "30" Fee #1H	**North Reference:**	Grid
Wellbore:	VH - Job #32K12111207	**Survey Calculation Method:**	Minimum Curvature
Design:	VH - Job #32K12111207	**Database:**	EDM-Regulatory

Project WC Bone Spring

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 Eddy County, NM

Site Position:		**Northing:**	391,811 97 usft	**Latitude:**	32° 4' 37 166 N
From:	Lat/Long	**Easting:**	572,493 48 usft	**Longitude:**	104° 5' 57 422 W
Position Uncertainty:	0 0 usft	**Slot Radius:**	13-3/16"	**Grid Convergence:**	0 12 °

Well Copperhead "30" Fee #1H, Directional (Phoenix)

Well Position	**+N/-S**	0 0 usft	**Northing:**	370,981 53 usft	**Latitude:**	32° 1' 10 370 N
	+E/-W	0 0 usft	**Easting:**	598,118 03 usft	**Longitude:**	104° 1' 0 306 W
Position Uncertainty		0 0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	0 0 usft

Wellbore VH - Job #32K12111207

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/13/2011	7 71	59 91	48,419

Design VH - Job #32K12111207

Audit Notes:

Version:	1 0	**Phase:**	ACTUAL	**Tie On Depth:**	0 0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0 0	0 0	0 0	272 19

Survey Program **Date** 1/22/2012

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100 0	7,672 0	Gyro (VH - Job #32K12111207)	Keeper	Keeper Gyro

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (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 24	288 19	100 0	0 1	-0 2	288 19	0 2
200 0	0 43	344 30	200 0	0 5	-0 5	314 57	0 7
300 0	1 67	344 47	300 0	2 3	-1 0	336 29	2 5
400 0	1 89	353 45	399 9	5 3	-1 6	343 50	5 5
500 0	1 96	354 64	499 9	8 6	-1 9	347 49	8 9
600 0	1 87	352 93	599 8	12 0	-2 3	349 22	12 2
700 0	1 69	349 70	699 8	15 0	-2 7	349 66	15 3
800 0	1 63	332 01	799 7	17 7	-3 7	348 30	18.1
900 0	1 56	316 53	899 7	20 0	-5 3	345 21	20.7
1,000 0	1 51	307.43	999 7	21 8	-7 3	341 56	22 9
1,100 0	1 35	296 35	1,099 6	23 1	-9 4	337 93	24 9

Scientific Drilling International, Inc.

SDI Standard Survey Report

Scientific Drilling
Directional Drilling Operations

Company:	COG OPERATING	**Local Co-ordinate Reference:**	Well Copperhead "30" Fee #1H
Project:	WC Bone Spring	**TVD Reference:**	WELL @ 0 0usft (Original Well Elev)
Site:	Eddy County, NM	**MD Reference:**	WELL @ 0 0usft (Original Well Elev)
Well:	Copperhead "30" Fee #1H	**North Reference:**	Grid
Wellbore:	VH - Job #32K12111207	**Survey Calculation Method:**	Minimum Curvature
Design:	VH - Job #32K12111207	**Database:**	EDM-Regulatory

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
1,200 0	1 12	281 14	1,199 6	23 8	-11 4	334 46	26 4
1,300 0	1 03	252 63	1,299 6	23 7	-13 2	330 92	27 1
1,400 0	1 03	253 47	1,399 6	23 2	-14 9	327 27	27 6
1,500 0	1 26	282 87	1,499 5	23 2	-16 8	324 01	28 7
1,600 0	1 73	299 26	1,599 5	24 2	-19 2	321 49	30 9
1,700 0	1 61	304 17	1,699.5	25 7	-21 7	319 81	33 6
1,800 0	1.38	296 10	1,799 4	27 0	-24 0	318 44	36 1
1,900 0	1 12	294 16	1,899 4	28 0	-25 9	317 15	38.1
2,000 0	0 89	292 08	1,999 4	28 6	-27 5	316 12	39 7
2,100 0	1 43	65 22	2,099 4	29 5	-27 1	317 36	40 0
2,200 0	2 71	88.81	2,199 3	30 0	-23 6	321 80	38 2
2,300 0	2 92	91 06	2,299 2	30 0	-18 7	328 06	35 4
2,400 0	4.52	92 04	2,399 0	29 8	-12 2	337 70	32.3
2,500 0	5 71	96 88	2,498 6	29 1	-3 4	353 41	29 3
2,600 0	5 05	98 41	2,598 1	27 9	5 9	12 02	28 5
2,700 0	4.48	100 04	2,697 8	26 5	14 1	28 03	30 1
2,800 0	3 89	102 07	2,797 5	25 2	21 3	40 25	33 0
2,900.0	3 82	102 50	2,897.3	23 7	27 9	49 59	36.6
3,000 0	3 54	101 15	2,997.1	22.4	34 1	56 73	40 8
3,100 0	3 30	99 74	3,096 9	21 3	40 0	61 95	45 3
3,200.0	3 15	100 41	3,196 8	20 3	45 6	65 94	49 9
3,300 0	2 89	101 40	3,296 6	19 3	50 7	69 13	54.3
3,400 0	2 61	102 17	3,396 5	18 4	55 4	71 67	58 4
3,500 0	2 52	101 98	3,496 4	17.4	59 8	73 75	62 3
3,600 0	2 07	100 01	3,596 3	16 7	63 7	75 35	65 9
3,700 0	1 70	95 57	3,696 3	16 2	67 0	76 40	68 9
3,800 0	1 65	95 20	3,796 2	15 9	69 9	77 16	71 7
3,900 0	1 43	91 03	3,896 2	15 8	72 6	77 74	74 3
4,000 0	1 25	87 48	3,996 2	15.8	74 9	78 09	76 6
4,100 0	1 09	89 73	4,096 2	15 9	77 0	78 36	78 6
4,200 0	0 85	85 94	4,196 1	15 9	78 6	78 56	80 2
4,300 0	0 78	87 14	4,296 1	16 0	80 1	78 70	81 6
4,400 0	0 51	83 13	4,396 1	16 1	81 2	78 80	82 8
4,500 0	0 28	80 71	4,496 1	16 2	81 9	78 82	83 4
4,600 0	0 18	98 91	4,596 1	16 2	82 3	78 87	83 8
4,700 0	0 31	159 25	4,696 1	15 9	82 5	79 08	84 0
4,800 0	0 47	186 93	4,796 1	15 3	82 6	79 53	84 0
4,900 0	0 48	187 02	4,896 1	14 4	82 5	80 07	83 7
5,000.0	0 53	183 75	4,996 1	13 6	82 4	80 66	83 5
5,100 0	0 95	192 36	5,096 1	12.3	82 2	81 50	83 1
5,200 0	1 16	206 68	5,196 1	10 6	81 5	82 62	82 2
5,300 0	1 18	209 85	5,296 1	8 8	80 6	83 79	81 0
5,400 0	1 14	217 08	5,396 0	7 1	79 5	84 91	79 8
5,500 0	1 18	217 48	5,496 0	5 5	78 2	86 00	78.4

Scientific Drilling International, Inc.

SDI Standard Survey Report

Scientific Drilling
Directional Drilling Operations

Company:	COG OPERATING	**Local Co-ordinate Reference:**	Well Copperhead "30" Fee #1H
Project:	WC Bone Spring	**TVD Reference:**	WELL @ 0 0usft (Original Well Elev)
Site:	Eddy County, NM	**MD Reference:**	WELL @ 0 0usft (Original Well Elev)
Well:	Copperhead "30" Fee #1H	**North Reference:**	Grid
Wellbore:	VH - Job #32K12111207	**Survey Calculation Method:**	Minimum Curvature
Design:	VH - Job #32K12111207	**Database:**	EDM-Regulatory

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
5,600 0	1 30	215 69	5,596 0	3 7	76 9	87 22	77 0
5,700 0	1 35	219 88	5,696 0	1 9	75 5	88 55	75 6
5,800 0	1 42	221 31	5,795.9	0 1	74 0	89 94	74 0
5,900 0	1 48	219 90	5,895 9	-1 8	72 3	91 46	72 3
6,000 0	1 35	218 77	5,995 9	-3 8	70 7	93 04	70 8
6,100 0	1 37	217 53	6,095 8	-5.6	69 3	94 64	69 5
6,200 0	1 34	219 81	6,195 8	-7 5	67 8	96 29	68 2
6,300 0	1 42	218 19	6,295.8	-9 3	66 3	98 02	66 9
6,400.0	1 47	218 33	6,395 8	-11 3	64 7	99 92	65 7
6,500 0	1 45	225 42	6,495 7	-13 2	63 0	101 84	64 4
6,600 0	1 95	255 29	6,595 7	-14.5	60 5	103 52	62.2
6,700 0	2 46	264 18	6,695 6	-15 2	56 7	104 99	58 7
6,800.0	2 57	264 20	6,795 5	-15 6	52 3	106 63	54 6
6,900.0	2 70	263 58	6,895 4	-16 1	47 8	108 65	50 4
7,000 0	3 09	263 04	6,995 3	-16 7	42 7	111 35	45.9
7,100 0	3 24	263 20	7,095 1	-17 4	37 3	114 99	41 1
7,200 0	3 53	268 11	7,195 0	-17 8	31 4	119 57	36 1
7,300 0	3 45	265 12	7,294 8	-18 2	25 3	125 67	31 2
7,400 0	3 39	246 78	7,394 6	-19 6	19 6	134 99	27 7
7,500 0	3 22	243 06	7,494 4	-22 0	14 4	146 88	26 3
7,600 0	2 93	235 39	7,594 3	-24 7	9 8	158 47	26 6
7,672 0	2 59	235 94	7,666 2	-26 7	6 9	165 51	27 6

Scientific Drilling
Directional Drilling Operations

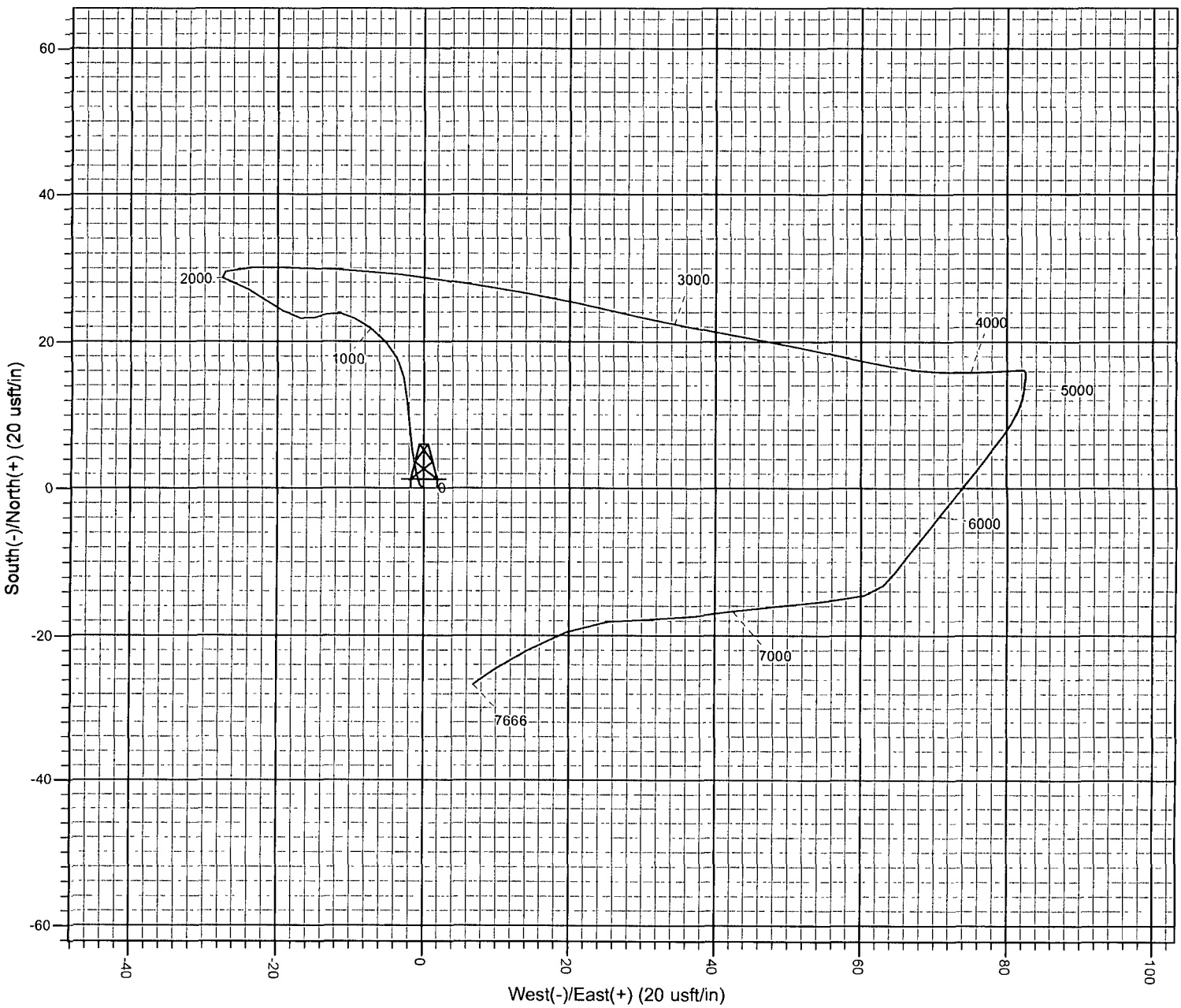
Project: WC Bone Spring
Eddy County, NM
Well: Copperhead "30" Fee #1H
Wellbore: VH - Job #32K12111207
Design: VH - Job #32K12111207

Azimuths to Grid North
True North: -0 17°
Magnetic North: 7 55°

Magnetic Field
Strength: 48418 9snT
Dip Angle: 59 91°
Date: 12/13/2011
Model: IGRF2010

WELL DETAILS: Copperhead "30" Fee #1H
WELL @ 0.0usft (Original Well Elev)
Ground Level: 0.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	370981.53	598118.03	32° 1' 10.370 N	104° 1' 0.306 W	



PROJECT DETAILS: WC Bone Spring
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level

SITE DETAILS: Eddy County, NM
Site Centre Latitude: 32° 4' 37.166 N
Longitude: 104° 5' 57.422 W
Positional Uncertainty: 0 0
Convergence: 0.12
Local North: Grid

Job Number: 1110717	**State/Country: NM**
Company: Concho	**Declination: 7.56**
Lease/Well: Cooperhead 30 Fee 1H	**Grid: □**
Location: Eddy Co. NM	**File name: C:\WINSERVE\CFE1H.SVY**
Rig Name: Silver Oak Rig 11	**Date/Time: 26-Dec-11 / 01:03**
RKB: 17	**Curve Name: □**
G.L. or M.S.L.: □	

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 271.70
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	*Incl Angle Deg*	*Drift Direction Deg*	*True Vertical Depth*	*N-S FT*	*E-W FT*	*Vertical Section FT*	*C L O S U R E Distance FT*	*Direction Deg*	*Dogleg Severity Deg/100*
Tie In									
6450.00	1.46	221.85	6445.74	-12.30	63.90	-64.24	65.07	100.90	.00
6496.00	1.50	227.60	6491.72	-13.14	63.06	-63.43	64.42	101.77	.33
6528.00	2.00	237.30	6523.71	-13.73	62.29	-62.67	63.78	102.43	1.81
6560.00	5.30	256.60	6555.64	-14.37	60.38	-60.78	62.06	103.39	10.86
6592.00	10.50	263.60	6587.33	-15.04	56.04	-56.46	58.02	105.02	16.50
6624.00	15.20	260.00	6618.52	-16.09	49.01	-49.46	51.58	108.18	14.89
6655.00	17.70	263.10	6648.25	-17.37	40.32	-40.82	43.90	113.30	8.54
6687.00	17.00	262.80	6678.79	-18.54	30.85	-31.39	35.99	121.00	2.21
6719.00	20.10	264.00	6709.12	-19.70	20.74	-21.32	28.60	133.52	9.76
6750.00	23.60	264.70	6737.89	-20.83	9.26	-9.87	22.79	156.03	11.32
6782.00	26.40	263.00	6766.89	-22.29	-4.18	3.52	22.68	190.63	9.03
6814.00	27.70	264.00	6795.39	-23.93	-18.64	17.92	30.33	217.91	4.30
6846.00	29.00	266.80	6823.55	-25.14	-33.78	33.02	42.11	233.34	5.81
6877.00	27.90	265.50	6850.81	-26.13	-48.52	47.72	55.11	241.69	4.07
6909.00	28.50	267.60	6879.01	-27.04	-63.61	62.78	69.12	246.97	3.62
6941.00	27.70	265.90	6907.24	-27.89	-78.66	77.79	83.45	250.48	3.54
6973.00	28.00	271.80	6935.54	-28.18	-93.58	92.71	97.74	253.24	8.66
7005.00	30.90	277.10	6963.41	-26.93	-109.25	108.41	112.52	256.15	12.18
7036.00	31.60	280.30	6989.91	-24.50	-125.14	124.36	127.52	258.92	5.81
7068.00	34.20	282.70	7016.78	-21.02	-142.17	141.48	143.71	261.59	9.09
7100.00	38.00	282.00	7042.63	-16.99	-160.58	160.01	161.48	263.96	11.94
7131.00	41.50	282.40	7066.46	-12.80	-179.96	179.50	180.41	265.93	11.32
7163.00	46.10	280.50	7089.55	-8.42	-201.66	201.32	201.83	267.61	14.95
7195.00	51.90	279.80	7110.54	-4.17	-225.42	225.20	225.46	268.94	18.20
7227.00	57.50	279.00	7129.02	.08	-251.18	251.07	251.18	270.02	17.62

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
7258.00	63.60	278.30	7144.25	4.14	-277.85	277.85	277.88	270.85	19.78
7290.00	70.10	277.00	7156.83	8.04	-307.00	307.10	307.10	271.50	20.65
7322.00	76.70	275.30	7165.97	11.32	-337.47	337.66	337.66	271.92	21.24
7353.00	83.80	274.40	7171.21	13.90	-367.90	368.15	368.16	272.16	23.08
7385.00	90.40	273.00	7172.83	15.96	-399.77	400.07	400.09	272.29	21.08
7480.00	91.80	270.40	7171.01	18.78	-494.70	495.04	495.06	272.17	3.11
7575.00	96.70	270.90	7163.97	19.85	-589.40	589.73	589.74	271.93	5.18
7670.00	96.70	271.10	7152.88	21.50	-683.74	684.08	684.08	271.80	.21
7766.00	96.60	270.60	7141.77	22.91	-779.08	779.42	779.42	271.68	.53
7861.00	96.70	270.40	7130.77	23.73	-873.44	873.76	873.76	271.56	.23
7956.00	96.50	271.50	7119.85	25.30	-967.80	968.12	968.13	271.50	1.17
8051.00	92.80	271.80	7112.15	28.02	-1062.43	1062.79	1062.80	271.51	3.91
8147.00	92.40	272.20	7107.79	31.37	-1158.27	1158.69	1158.69	271.55	.59
8242.00	92.80	272.20	7103.48	35.01	-1253.10	1253.59	1253.59	271.60	.42
8337.00	91.20	271.90	7100.17	38.41	-1347.98	1348.53	1348.53	271.63	1.71
8432.00	91.20	271.50	7098.18	41.23	-1442.92	1443.51	1443.51	271.64	.42
8528.00	91.00	271.10	7096.33	43.41	-1538.87	1539.49	1539.49	271.62	.47
8623.00	91.40	270.70	7094.34	44.90	-1633.84	1634.45	1634.46	271.57	.60
8719.00	90.20	269.80	7093.00	45.32	-1729.83	1730.41	1730.42	271.50	1.56
8814.00	89.80	269.40	7093.00	44.65	-1824.83	1825.35	1825.37	271.40	.60
8909.00	89.20	268.60	7093.83	43.00	-1919.81	1920.24	1920.29	271.28	1.05
9004.00	89.20	268.20	7095.16	40.34	-2014.76	2015.07	2015.16	271.15	.42
9100.00	93.70	269.80	7092.73	38.67	-2110.69	2110.91	2111.04	271.05	4.97
9195.00	92.20	271.00	7087.84	39.33	-2205.55	2205.75	2205.91	271.02	2.02
9291.00	92.00	270.80	7084.32	40.84	-2301.48	2301.68	2301.84	271.02	.29
9411.00	90.50	272.30	7081.71	44.08	-2421.40	2421.64	2421.80	271.04	1.77
9481.00	89.80	271.60	7081.52	46.46	-2491.36	2491.64	2491.79	271.07	1.41
9576.00	89.80	271.30	7081.85	48.87	-2586.33	2586.64	2586.79	271.08	.32
9671.00	89.30	270.40	7082.60	50.28	-2681.31	2681.62	2681.78	271.07	1.08
9766.00	88.60	270.60	7084.34	51.11	-2776.29	2776.59	2776.76	271.05	.77
9862.00	88.50	272.80	7086.77	53.95	-2872.21	2872.55	2872.72	271.08	2.29
9957.00	89.00	272.10	7088.84	58.01	-2967.10	2967.52	2967.67	271.12	.91
10053.00	89.40	271.70	7090.18	61.20	-3063.04	3063.51	3063.65	271.14	.59
10148.00	91.00	271.90	7089.85	64.18	-3157.99	3158.50	3158.64	271.16	1.70
10243.00	91.30	271.70	7087.95	67.16	-3252.92	3253.48	3253.62	271.18	.38
10337.00	91.00	271.70	7086.06	69.95	-3346.86	3347.46	3347.59	271.20	.32
10432.00	92.60	272.30	7083.08	73.26	-3441.75	3442.41	3442.53	271.22	1.80
10526.00	93.30	271.30	7078.24	76.21	-3535.58	3536.29	3536.40	271.23	1.30
10622.00	93.30	271.50	7072.71	78.56	-3631.39	3632.13	3632.24	271.24	.21
10717.00	93.50	271.00	7067.08	80.62	-3726.20	3726.96	3727.08	271.24	.57
10812.00	93.40	271.30	7061.36	82.53	-3821.01	3821.78	3821.90	271.24	.33
10907.00	91.80	272.00	7057.05	85.26	-3915.87	3916.68	3916.80	271.25	1.84
11002.00	90.90	272.70	7054.81	89.15	-4010.76	4011.64	4011.75	271.27	1.20
11097.00	90.50	272.80	7053.65	93.71	-4105.65	4106.62	4106.72	271.31	.43
11193.00	90.30	272.40	7052.98	98.07	-4201.55	4202.61	4202.69	271.34	.47

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E Distance FT	Direction Deg	Dogleg Severity Deg/100
11287.00	90.50	272.10	7052.33	101.76	-4295.47	4296.60	4296.68	271.36	.38
11372.00	90.50	271.80	7051.58	104.65	-4380.42	4381.59	4381.67	271.37	.35
TD PTB									
11430.00	90.50	271.80	7051.08	106.47	-4438.39	4439.59	4439.66	271.37	.00