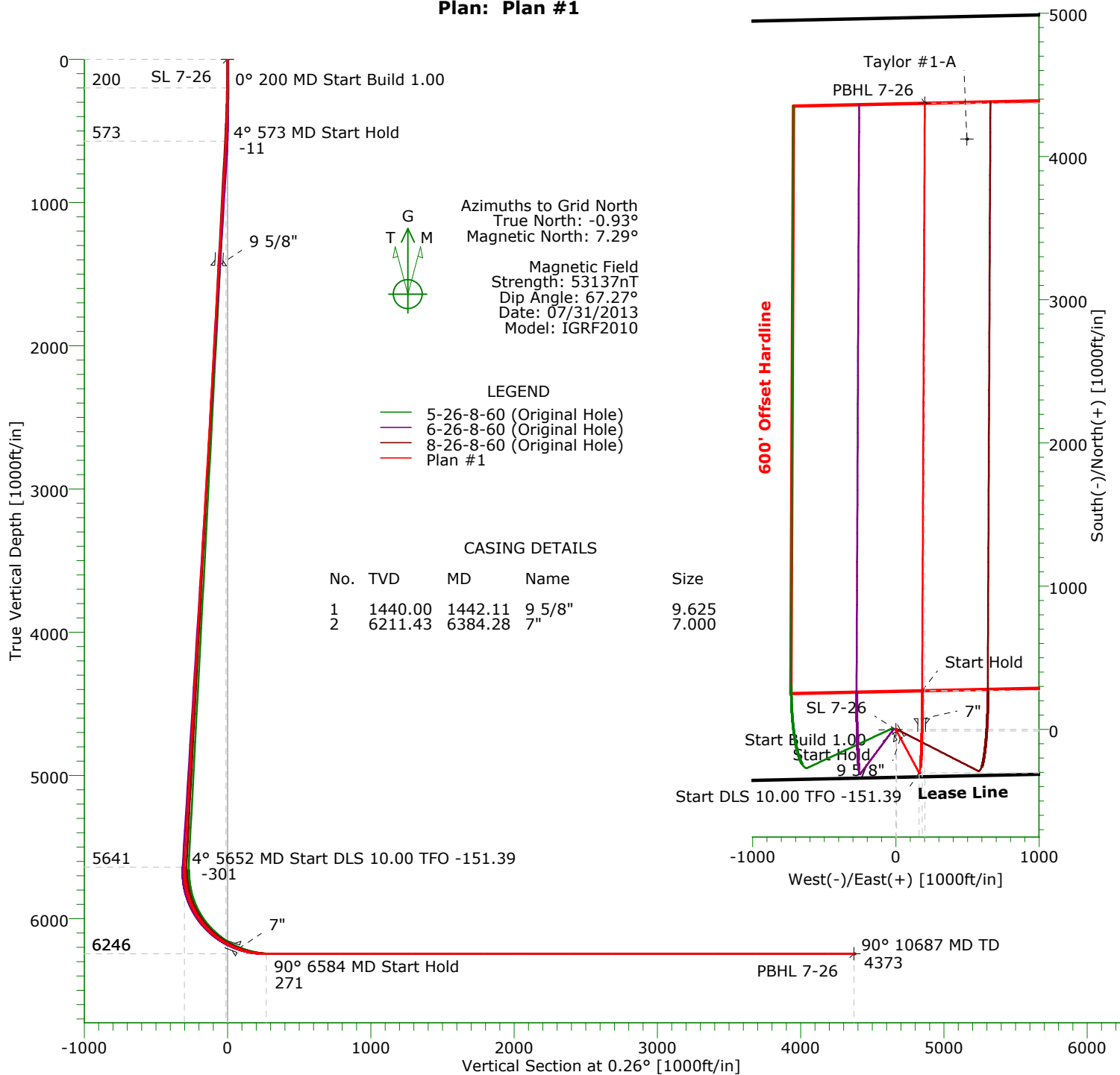




CARRIZO OIL & GAS, INC.

Field: Niobrara CONZ'83
Site: Bailey 2-26-8-60 Pad
Well: 7-26-8-60
Wellpath: Original Hole
Plan: Plan #1



Azimuths to Grid North
True North: -0.93°
Magnetic North: 7.29°

Magnetic Field
Strength: 53137nT
Dip Angle: 67.27°
Date: 07/31/2013
Model: IGRF2010

LEGEND

- 5-26-8-60 (Original Hole)
- 6-26-8-60 (Original Hole)
- 8-26-8-60 (Original Hole)
- Plan #1

CASING DETAILS

No.	TVD	MD	Name	Size
1	1440.00	1442.11	9 5/8"	9.625
2	6211.43	6384.28	7"	7.000

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Taylor #1-A	-100.00	4121.87	496.31	1478613.14	3399165.19	40°38'17.861N104°03'42.087W		Point
SL 7-26	0.00	0.00	0.00	1474491.27	3398668.88	40°37'37.216N104°03'49.390W		Point
PBHL 7-26	6246.00	4372.33	202.23	1478863.60	3398871.11	40°38'20.383N104°03'45.849W		Point

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	151.70	0.00	0.00	0.00	0.00	0.00	0.00	
2	200.00	0.00	151.70	200.00	0.00	0.00	0.00	151.70	0.00	
3	573.12	3.73	151.70	572.86	-10.69	5.76	1.00	0.00	-10.67	
4	5651.61	3.73	151.70	5640.59	-301.68	162.44	0.00	0.00	-300.94	
5	6584.38	90.00	0.26	6246.00	270.25	183.87	10.00	-151.39	271.08	
6	10686.50	90.00	0.26	6246.00	4372.33	202.23	0.00	0.00	4373.20	PBHL 7-26

Precision Directional Services, Inc.

Planning Report

Company: CARRIZO OIL & GAS, INC. Field: Niobrara CONZ'83 Site: Bailey 2-26-8-60 Pad Well: 7-26-8-60 Wellpath: Original Hole	Date: 07/08/2013 Co-ordinate(NE) Reference: Well: 7-26-8-60, Grid North Vertical (TVD) Reference: 4874'GL+17'KB 4891.0 Section (VS) Reference: Well (0.00N,0.00E,0.26Azi) Plan: Plan #1	Time: 09:13:04 Page: 1
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Field: Niobrara CONZ'83			
Map System: US State Plane Coordinate System 1983		Map Zone: Colorado, Northern Zone	
Geo Datum: GRS 1980		Coordinate System: Well Centre	
Sys Datum: Mean Sea Level		Geomagnetic Model: IGRF2010	

Site: Bailey 2-26-8-60 Pad Centered on 5-26-8-60 Weld County, CO			
Site Position:	Northing: 1474497.30 ft	Latitude: 40 37 37.280 N	
From: Map	Easting: 3398639.49 ft	Longitude: 104 3 49.770 W	
Position Uncertainty: 0.00 ft		North Reference: Grid	
Ground Level: 4874.00 ft		Grid Convergence: 0.93 deg	

Well: 7-26-8-60 334'FSL,1333'FWL		Slot Name: 7-26	
Well Position: +N/-S -6.03 ft	Northing: 1474491.27 ft	Latitude: 40 37 37.216 N	
+E/-W 29.39 ft	Easting : 3398668.88 ft	Longitude: 104 3 49.390 W	
Position Uncertainty: 0.00 ft			

Wellpath: Original Hole		Drilled From: Surface	
Current Datum: 4874'GL+17'KB	Height 4891.00 ft	Tie-on Depth: 0.00 ft	
Magnetic Data: 07/31/2013		Above System Datum: Mean Sea Level	
Field Strength: 53137 nT		Declination: 8.21 deg	
Vertical Section: Depth From (TVD)	+N/-S	Mag Dip Angle: 67.27 deg	
ft	ft	+E/-W	Direction
		ft	deg
0.00	0.00	0.00	0.26

Plan: Plan #1	Date Composed: 07/08/2013
Principal: No	Version: 1
	Tied-to: From Surface

Plan Section Information										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	151.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	151.70	200.00	0.00	0.00	0.00	0.00	0.00	151.70	
573.12	3.73	151.70	572.86	-10.69	5.76	1.00	1.00	0.00	0.00	
5651.61	3.73	151.70	5640.59	-301.68	162.44	0.00	0.00	0.00	0.00	
6584.38	90.00	0.26	6246.00	270.25	183.87	10.00	9.25	-16.24	-151.39	
10686.50	90.00	0.26	6246.00	4372.33	202.23	0.00	0.00	0.00	0.00	PBHL 7-26

Survey										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	151.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	151.70	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	151.70	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	1.00	151.70	299.99	-0.77	0.41	-0.77	1.00	1.00	0.00	
400.00	2.00	151.70	399.96	-3.07	1.65	-3.07	1.00	1.00	0.00	
500.00	3.00	151.70	499.86	-6.91	3.72	-6.90	1.00	1.00	0.00	
573.12	3.73	151.70	572.86	-10.69	5.76	-10.67	1.00	1.00	0.00	
600.00	3.73	151.70	599.68	-12.23	6.59	-12.20	0.00	0.00	0.00	
700.00	3.73	151.70	699.47	-17.96	9.67	-17.92	0.00	0.00	0.00	
800.00	3.73	151.70	799.26	-23.69	12.76	-23.63	0.00	0.00	0.00	
900.00	3.73	151.70	899.04	-29.42	15.84	-29.35	0.00	0.00	0.00	
1000.00	3.73	151.70	998.83	-35.15	18.93	-35.07	0.00	0.00	0.00	
1100.00	3.73	151.70	1098.62	-40.88	22.01	-40.78	0.00	0.00	0.00	
1200.00	3.73	151.70	1198.41	-46.61	25.10	-46.50	0.00	0.00	0.00	
1300.00	3.73	151.70	1298.20	-52.34	28.18	-52.21	0.00	0.00	0.00	

Precision Directional Services, Inc.

Planning Report

Company: CARRIZO OIL & GAS, INC.
Field: Niobrara CONZ'83
Site: Bailey 2-26-8-60 Pad
Well: 7-26-8-60
Wellpath: Original Hole

Date: 07/08/2013
Co-ordinate(NE) Reference: Well: 7-26-8-60, Grid North
Vertical (TVD) Reference: 4874'GL+17"KB 4891.0
Section (VS) Reference: Well (0.00N,0.00E,0.26Azi)
Plan: Plan #1

Page: 2

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1400.00	3.73	151.70	1397.98	-58.07	31.27	-57.93	0.00	0.00	0.00	9 5/8"
1442.11	3.73	151.70	1440.00	-60.48	32.57	-60.34	0.00	0.00	0.00	
1500.00	3.73	151.70	1497.77	-63.80	34.35	-63.65	0.00	0.00	0.00	
1600.00	3.73	151.70	1597.56	-69.53	37.44	-69.36	0.00	0.00	0.00	
1700.00	3.73	151.70	1697.35	-75.26	40.52	-75.08	0.00	0.00	0.00	
1800.00	3.73	151.70	1797.14	-80.99	43.61	-80.79	0.00	0.00	0.00	
1900.00	3.73	151.70	1896.92	-86.72	46.69	-86.51	0.00	0.00	0.00	
2000.00	3.73	151.70	1996.71	-92.45	49.78	-92.22	0.00	0.00	0.00	
2100.00	3.73	151.70	2096.50	-98.18	52.86	-97.94	0.00	0.00	0.00	
2200.00	3.73	151.70	2196.29	-103.91	55.95	-103.66	0.00	0.00	0.00	
2300.00	3.73	151.70	2296.08	-109.64	59.03	-109.37	0.00	0.00	0.00	
2400.00	3.73	151.70	2395.86	-115.37	62.12	-115.09	0.00	0.00	0.00	
2500.00	3.73	151.70	2495.65	-121.10	65.20	-120.80	0.00	0.00	0.00	
2600.00	3.73	151.70	2595.44	-126.83	68.29	-126.52	0.00	0.00	0.00	
2700.00	3.73	151.70	2695.23	-132.56	71.38	-132.23	0.00	0.00	0.00	
2800.00	3.73	151.70	2795.02	-138.29	74.46	-137.95	0.00	0.00	0.00	
2900.00	3.73	151.70	2894.80	-144.02	77.55	-143.67	0.00	0.00	0.00	
3000.00	3.73	151.70	2994.59	-149.75	80.63	-149.38	0.00	0.00	0.00	
3100.00	3.73	151.70	3094.38	-155.48	83.72	-155.10	0.00	0.00	0.00	
3200.00	3.73	151.70	3194.17	-161.21	86.80	-160.81	0.00	0.00	0.00	
3300.00	3.73	151.70	3293.96	-166.94	89.89	-166.53	0.00	0.00	0.00	
3400.00	3.73	151.70	3393.74	-172.67	92.97	-172.24	0.00	0.00	0.00	
3500.00	3.73	151.70	3493.53	-178.40	96.06	-177.96	0.00	0.00	0.00	
3600.00	3.73	151.70	3593.32	-184.13	99.14	-183.68	0.00	0.00	0.00	
3700.00	3.73	151.70	3693.11	-189.86	102.23	-189.39	0.00	0.00	0.00	
3800.00	3.73	151.70	3792.90	-195.59	105.31	-195.11	0.00	0.00	0.00	
3900.00	3.73	151.70	3892.68	-201.32	108.40	-200.82	0.00	0.00	0.00	
4000.00	3.73	151.70	3992.47	-207.05	111.48	-206.54	0.00	0.00	0.00	
4100.00	3.73	151.70	4092.26	-212.78	114.57	-212.25	0.00	0.00	0.00	
4200.00	3.73	151.70	4192.05	-218.51	117.65	-217.97	0.00	0.00	0.00	
4300.00	3.73	151.70	4291.84	-224.24	120.74	-223.69	0.00	0.00	0.00	
4400.00	3.73	151.70	4391.62	-229.97	123.82	-229.40	0.00	0.00	0.00	
4500.00	3.73	151.70	4491.41	-235.70	126.91	-235.12	0.00	0.00	0.00	
4600.00	3.73	151.70	4591.20	-241.43	129.99	-240.83	0.00	0.00	0.00	
4700.00	3.73	151.70	4690.99	-247.16	133.08	-246.55	0.00	0.00	0.00	
4800.00	3.73	151.70	4790.78	-252.89	136.16	-252.26	0.00	0.00	0.00	
4900.00	3.73	151.70	4890.56	-258.61	139.25	-257.98	0.00	0.00	0.00	
5000.00	3.73	151.70	4990.35	-264.34	142.33	-263.70	0.00	0.00	0.00	
5100.00	3.73	151.70	5090.14	-270.07	145.42	-269.41	0.00	0.00	0.00	
5200.00	3.73	151.70	5189.93	-275.80	148.50	-275.13	0.00	0.00	0.00	
5300.00	3.73	151.70	5289.72	-281.53	151.59	-280.84	0.00	0.00	0.00	
5400.00	3.73	151.70	5389.50	-287.26	154.67	-286.56	0.00	0.00	0.00	
5500.00	3.73	151.70	5489.29	-292.99	157.76	-292.27	0.00	0.00	0.00	
5600.00	3.73	151.70	5589.08	-298.72	160.84	-297.99	0.00	0.00	0.00	
5651.61	3.73	151.70	5640.59	-301.68	162.44	-300.94	0.00	0.00	0.00	
5700.00	2.37	49.07	5688.93	-302.41	163.94	-301.66	10.00	-2.81	-212.11	
5800.00	11.70	8.92	5788.10	-291.01	167.08	-290.25	10.00	9.32	-40.15	
5900.00	21.63	4.76	5883.78	-262.56	170.19	-261.78	10.00	9.94	-4.15	
6000.00	31.61	3.16	5973.07	-217.91	173.18	-217.12	10.00	9.97	-1.60	
6100.00	41.59	2.27	6053.25	-158.43	175.94	-157.63	10.00	9.99	-0.89	
6200.00	51.58	1.67	6121.89	-85.92	178.41	-85.11	10.00	9.99	-0.60	7"
6300.00	61.58	1.22	6176.90	-2.59	180.49	-1.77	10.00	9.99	-0.45	
6384.28	70.00	0.91	6211.43	74.20	181.91	75.02	10.00	9.99	-0.38	
6400.00	71.57	0.85	6216.60	89.04	182.14	89.86	10.00	9.99	-0.35	

Precision Directional Services, Inc.

Planning Report

Company: CARRIZO OIL & GAS, INC.
Field: Niobrara CONZ'83
Site: Bailey 2-26-8-60 Pad
Well: 7-26-8-60
Wellpath: Original Hole

Date: 07/08/2013
Co-ordinate(NE) Reference: Well: 7-26-8-60, Grid North
Vertical (TVD) Reference: 4874'GL+17'KB 4891.0
Section (VS) Reference: Well (0.00N,0.00E,0.26Azi)
Plan: Plan #1

Page: 3

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6500.00	81.57	0.52	6239.80	186.17	183.30	187.00	10.00	9.99	-0.33	
6584.38	90.00	0.26	6246.00	270.25	183.87	271.08	10.00	10.00	-0.31	
6600.00	90.00	0.26	6246.00	285.87	183.94	286.70	0.00	0.00	0.00	
6700.00	90.00	0.26	6246.00	385.87	184.39	386.70	0.00	0.00	0.00	
6800.00	90.00	0.26	6246.00	485.87	184.84	486.70	0.00	0.00	0.00	
6900.00	90.00	0.26	6246.00	585.86	185.28	586.70	0.00	0.00	0.00	
7000.00	90.00	0.26	6246.00	685.86	185.73	686.70	0.00	0.00	0.00	
7100.00	90.00	0.26	6246.00	785.86	186.18	786.70	0.00	0.00	0.00	
7200.00	90.00	0.26	6246.00	885.86	186.63	886.70	0.00	0.00	0.00	
7300.00	90.00	0.26	6246.00	985.86	187.07	986.70	0.00	0.00	0.00	
7400.00	90.00	0.26	6246.00	1085.86	187.52	1086.70	0.00	0.00	0.00	
7500.00	90.00	0.26	6246.00	1185.86	187.97	1186.70	0.00	0.00	0.00	
7600.00	90.00	0.26	6246.00	1285.86	188.42	1286.70	0.00	0.00	0.00	
7700.00	90.00	0.26	6246.00	1385.86	188.86	1386.70	0.00	0.00	0.00	
7800.00	90.00	0.26	6246.00	1485.86	189.31	1486.70	0.00	0.00	0.00	
7900.00	90.00	0.26	6246.00	1585.85	189.76	1586.70	0.00	0.00	0.00	
8000.00	90.00	0.26	6246.00	1685.85	190.21	1686.70	0.00	0.00	0.00	
8100.00	90.00	0.26	6246.00	1785.85	190.65	1786.70	0.00	0.00	0.00	
8200.00	90.00	0.26	6246.00	1885.85	191.10	1886.70	0.00	0.00	0.00	
8300.00	90.00	0.26	6246.00	1985.85	191.55	1986.70	0.00	0.00	0.00	
8400.00	90.00	0.26	6246.00	2085.85	192.00	2086.70	0.00	0.00	0.00	
8500.00	90.00	0.26	6246.00	2185.85	192.44	2186.70	0.00	0.00	0.00	
8600.00	90.00	0.26	6246.00	2285.85	192.89	2286.70	0.00	0.00	0.00	
8700.00	90.00	0.26	6246.00	2385.85	193.34	2386.70	0.00	0.00	0.00	
8800.00	90.00	0.26	6246.00	2485.85	193.79	2486.70	0.00	0.00	0.00	
8900.00	90.00	0.26	6246.00	2585.84	194.23	2586.70	0.00	0.00	0.00	
9000.00	90.00	0.26	6246.00	2685.84	194.68	2686.70	0.00	0.00	0.00	
9100.00	90.00	0.26	6246.00	2785.84	195.13	2786.70	0.00	0.00	0.00	
9200.00	90.00	0.26	6246.00	2885.84	195.58	2886.70	0.00	0.00	0.00	
9300.00	90.00	0.26	6246.00	2985.84	196.02	2986.70	0.00	0.00	0.00	
9400.00	90.00	0.26	6246.00	3085.84	196.47	3086.70	0.00	0.00	0.00	
9500.00	90.00	0.26	6246.00	3185.84	196.92	3186.70	0.00	0.00	0.00	
9600.00	90.00	0.26	6246.00	3285.84	197.37	3286.70	0.00	0.00	0.00	
9700.00	90.00	0.26	6246.00	3385.84	197.81	3386.70	0.00	0.00	0.00	
9800.00	90.00	0.26	6246.00	3485.84	198.26	3486.70	0.00	0.00	0.00	
9900.00	90.00	0.26	6246.00	3585.83	198.71	3586.70	0.00	0.00	0.00	
10000.00	90.00	0.26	6246.00	3685.83	199.16	3686.70	0.00	0.00	0.00	
10100.00	90.00	0.26	6246.00	3785.83	199.60	3786.70	0.00	0.00	0.00	
10200.00	90.00	0.26	6246.00	3885.83	200.05	3886.70	0.00	0.00	0.00	
10300.00	90.00	0.26	6246.00	3985.83	200.50	3986.70	0.00	0.00	0.00	
10400.00	90.00	0.26	6246.00	4085.83	200.95	4086.70	0.00	0.00	0.00	
10500.00	90.00	0.26	6246.00	4185.83	201.40	4186.70	0.00	0.00	0.00	
10600.00	90.00	0.26	6246.00	4285.83	201.84	4286.70	0.00	0.00	0.00	
10686.50	90.00	0.26	6246.00	4372.33	202.23	4373.20	0.00	0.00	0.00	PBHL 7-26

Targets

Name	Description	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<---- Latitude ---->			<--- Longitude --->		
	Dip.							Deg	Min	Sec	Deg	Min	Sec
Taylor #1-A			-100.00	4121.87	496.31	1478613.14	3399165.19	40	38	17.861 N	104	3	42.087 W
SL 7-26			0.00	0.00	0.00	1474491.27	3398668.88	40	37	37.216 N	104	3	49.390 W
PBHL 7-26			6246.00	4372.33	202.23	1478863.60	3398871.11	40	38	20.383 N	104	3	45.849 W

Precision Directional Services, Inc.

Planning Report

Company: CARRIZO OIL & GAS, INC. Field: Niobrara CONZ'83 Site: Bailey 2-26-8-60 Pad Well: 7-26-8-60 Wellpath: Original Hole	Date: 07/08/2013 Time: 09:13:04 Page: 4 Co-ordinate(NE) Reference: Well: 7-26-8-60, Grid North Vertical (TVD) Reference: 4874'GL+17'KB 4891.0 Section (VS) Reference: Well (0.00N,0.00E,0.26Azi) Plan: Plan #1
--	---

Targets

Name	Description		TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude --->			<--- Longitude --->		
	Dip.	Dir.						Deg	Min	Sec	Deg	Min	Sec

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
1442.11	1440.00	9.625	12.250	9 5/8"
6384.28	6211.43	7.000	8.500	7"