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Planned Wellpath Report

#4 PWP
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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Concho O&G	Slot	#4 SHL
Area	Andrews County, TX	Well	#4
Field	Section 30 T16S R28E (Donner)	Wellbore	#4 PWB
Facility	Donner 30 Federal #4		

REPORT SETUP INFORMATION

Projection System	NAD83 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect™ 1.2
North Reference	Grid	User	Jonebea
Scale	0.999911	Report Generated	08/02/07 at 16:56:01
Wellbore last revised	08/02/07	Database/Source file	WA_Midland/#4_PWB.

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North [feet]	East [feet]	Easting [US feet]	Northing [US feet]	Latitude [°]	Longitude [°]
Slot Location	0.00	0.00	579933.19	690975.05	32 53 58.000N	104 12 27.300W
Facility Reference Pt			579933.19	690975.05	32 53 58.000N	104 12 27.300W
Field Reference Pt			579933.19	690975.05	32 53 58.000N	104 12 27.300W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on #4 SHL (RT) to Facility Vertical Datum	0.00 feet
Horizontal Reference Pt	Facility Center	Rig on #4 SHL (RT) to Ground Level	3564.00 feet
Vertical Reference Pt	Rig on #4 SHL (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00 feet
MD Reference Pt	Rig on #4 SHL (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Ground Level	Section Azimuth	269.44°

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WELLPATH DATA (112 stations) † = interpolated/extrapolated station

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]
0.00	0.000	269.438	0.00	0.00	0.00	0.00	0.00
100.00†	0.000	0.000	100.00	0.00	0.00	0.00	0.00
200.00†	0.000	0.000	200.00	0.00	0.00	0.00	0.00
300.00†	0.000	0.000	300.00	0.00	0.00	0.00	0.00
400.00†	0.000	0.000	400.00	0.00	0.00	0.00	0.00
500.00†	0.000	0.000	500.00	0.00	0.00	0.00	0.00
600.00†	0.000	0.000	600.00	0.00	0.00	0.00	0.00
700.00†	0.000	0.000	700.00	0.00	0.00	0.00	0.00
800.00†	0.000	0.000	800.00	0.00	0.00	0.00	0.00
900.00†	0.000	0.000	900.00	0.00	0.00	0.00	0.00
1000.00†	0.000	0.000	1000.00	0.00	0.00	0.00	0.00
1100.00†	0.000	0.000	1100.00	0.00	0.00	0.00	0.00
1200.00†	0.000	0.000	1200.00	0.00	0.00	0.00	0.00
1300.00†	0.000	0.000	1300.00	0.00	0.00	0.00	0.00
1400.00†	0.000	0.000	1400.00	0.00	0.00	0.00	0.00
1500.00†	0.000	0.000	1500.00	0.00	0.00	0.00	0.00
1600.00†	0.000	0.000	1600.00	0.00	0.00	0.00	0.00
1700.00†	0.000	0.000	1700.00	0.00	0.00	0.00	0.00
1800.00†	0.000	0.000	1800.00	0.00	0.00	0.00	0.00
1900.00†	0.000	0.000	1900.00	0.00	0.00	0.00	0.00
2000.00†	0.000	0.000	2000.00	0.00	0.00	0.00	0.00
2100.00†	0.000	0.000	2100.00	0.00	0.00	0.00	0.00
2200.00†	0.000	0.000	2200.00	0.00	0.00	0.00	0.00
2300.00†	0.000	0.000	2300.00	0.00	0.00	0.00	0.00
2400.00†	0.000	0.000	2400.00	0.00	0.00	0.00	0.00
2500.00†	0.000	0.000	2500.00	0.00	0.00	0.00	0.00
2600.00†	0.000	0.000	2600.00	0.00	0.00	0.00	0.00
2700.00†	0.000	0.000	2700.00	0.00	0.00	0.00	0.00
2800.00†	0.000	0.000	2800.00	0.00	0.00	0.00	0.00
2900.00†	0.000	0.000	2900.00	0.00	0.00	0.00	0.00
3000.00†	0.000	0.000	3000.00	0.00	0.00	0.00	0.00
3100.00†	0.000	0.000	3100.00	0.00	0.00	0.00	0.00
3200.00†	0.000	0.000	3200.00	0.00	0.00	0.00	0.00
3300.00†	0.000	0.000	3300.00	0.00	0.00	0.00	0.00
3400.00†	0.000	0.000	3400.00	0.00	0.00	0.00	0.00
3500.00†	0.000	0.000	3500.00	0.00	0.00	0.00	0.00
3600.00†	0.000	0.000	3600.00	0.00	0.00	0.00	0.00
3700.00†	0.000	0.000	3700.00	0.00	0.00	0.00	0.00
3800.00†	0.000	0.000	3800.00	0.00	0.00	0.00	0.00
3900.00†	0.000	0.000	3900.00	0.00	0.00	0.00	0.00

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Facility	Donner 30 Federal #4		

WELLPATH DATA (112 stations) † = interpolated/extrapolated station

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]
4000.00†	0.000	0.000	4000.00	0.00	0.00	0.00	0.00
4100.00†	0.000	0.000	4100.00	0.00	0.00	0.00	0.00
4200.00†	0.000	0.000	4200.00	0.00	0.00	0.00	0.00
4300.00†	0.000	0.000	4300.00	0.00	0.00	0.00	0.00
4400.00†	0.000	0.000	4400.00	0.00	0.00	0.00	0.00
4500.00†	0.000	0.000	4500.00	0.00	0.00	0.00	0.00
4600.00†	0.000	0.000	4600.00	0.00	0.00	0.00	0.00
4700.00†	0.000	0.000	4700.00	0.00	0.00	0.00	0.00
4800.00†	0.000	0.000	4800.00	0.00	0.00	0.00	0.00
4900.00†	0.000	0.000	4900.00	0.00	0.00	0.00	0.00
5000.00†	0.000	0.000	5000.00	0.00	0.00	0.00	0.00
5100.00†	0.000	0.000	5100.00	0.00	0.00	0.00	0.00
5200.00†	0.000	0.000	5200.00	0.00	0.00	0.00	0.00
5300.00†	0.000	0.000	5300.00	0.00	0.00	0.00	0.00
5400.00†	0.000	0.000	5400.00	0.00	0.00	0.00	0.00
5500.00†	0.000	0.000	5500.00	0.00	0.00	0.00	0.00
5600.00†	0.000	0.000	5600.00	0.00	0.00	0.00	0.00
5700.00†	0.000	0.000	5700.00	0.00	0.00	0.00	0.00
5800.00†	0.000	0.000	5800.00	0.00	0.00	0.00	0.00
5900.00†	0.000	0.000	5900.00	0.00	0.00	0.00	0.00
5900.08	0.000	269.438	5900.08	0.00	0.00	0.00	0.00
6000.00†	9.872	269.438	5999.51	8.59	-0.08	-8.59	9.88
6100.00†	19.752	269.438	6096.06	34.12	-0.33	-34.12	9.88
6200.00†	29.632	269.438	6186.81	75.84	-0.74	-75.84	9.88
6300.00†	39.512	269.438	6269.05	132.51	-1.30	-132.51	9.88
6400.00†	49.392	269.438	6340.34	202.46	-1.98	-202.45	9.88
6500.00†	59.272	269.438	6398.58	283.60	-2.78	-283.59	9.88
6600.00†	69.152	269.438	6442.03	373.53	-3.66	-373.51	9.88
6700.00†	79.032	269.438	6469.41	469.58	-4.60	-469.56	9.88
6800.00†	88.912	269.438	6479.90	568.90	-5.58	-568.88	9.88
6811.01	90.000	269.438	6480.00	579.92	-5.69	-579.89	9.88
6900.00†	90.000	269.438	6480.00	668.90	-6.56	-668.87	0.00
7000.00†	90.000	269.438	6480.00	768.90	-7.54	-768.87	0.00
7100.00†	90.000	269.438	6480.00	868.90	-8.52	-868.86	0.00
7200.00†	90.000	269.438	6480.00	968.90	-9.50	-968.86	0.00
7300.00†	90.000	269.438	6480.00	1068.90	-10.48	-1068.85	0.00
7400.00†	90.000	269.438	6480.00	1168.90	-11.46	-1168.85	0.00
7500.00†	90.000	269.438	6480.00	1268.90	-12.44	-1268.84	0.00
7600.00†	90.000	269.438	6480.00	1368.90	-13.42	-1368.84	0.00
7700.00†	90.000	269.438	6480.00	1468.90	-14.40	-1468.83	0.00

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Facility	Donner 30 Federal #4		

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MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]
7800.00†	90.000	269.438	6480.00	1568.90	-15.38	-1568.83	0.00
7900.00†	90.000	269.438	6480.00	1668.90	-16.36	-1668.82	0.00
8000.00†	90.000	269.438	6480.00	1768.90	-17.34	-1768.82	0.00
8100.00†	90.000	269.438	6480.00	1868.90	-18.32	-1868.81	0.00
8200.00†	90.000	269.438	6480.00	1968.90	-19.30	-1968.81	0.00
8300.00†	90.000	269.438	6480.00	2068.90	-20.28	-2068.80	0.00
8400.00†	90.000	269.438	6480.00	2168.90	-21.26	-2168.80	0.00
8500.00†	90.000	269.438	6480.00	2268.90	-22.24	-2268.79	0.00
8600.00†	90.000	269.438	6480.00	2368.90	-23.22	-2368.79	0.00
8700.00†	90.000	269.438	6480.00	2468.90	-24.20	-2468.78	0.00
8800.00†	90.000	269.438	6480.00	2568.90	-25.19	-2568.78	0.00
8900.00†	90.000	269.438	6480.00	2668.90	-26.17	-2668.77	0.00
9000.00†	90.000	269.438	6480.00	2768.90	-27.15	-2768.77	0.00
9100.00†	90.000	269.438	6480.00	2868.90	-28.13	-2868.76	0.00
9200.00†	90.000	269.438	6480.00	2968.90	-29.11	-2968.76	0.00
9300.00†	90.000	269.438	6480.00	3068.90	-30.09	-3068.75	0.00
9400.00†	90.000	269.438	6480.00	3168.90	-31.07	-3168.75	0.00
9500.00†	90.000	269.438	6480.00	3268.90	-32.05	-3268.75	0.00
9600.00†	90.000	269.438	6480.00	3368.90	-33.03	-3368.74	0.00
9700.00†	90.000	269.438	6480.00	3468.90	-34.01	-3468.74	0.00
9800.00†	90.000	269.438	6480.00	3568.90	-34.99	-3568.73	0.00
9900.00†	90.000	269.438	6480.00	3668.90	-35.97	-3668.73	0.00
10000.00†	90.000	269.438	6480.00	3768.90	-36.95	-3768.72	0.00
10100.00†	90.000	269.438	6480.00	3868.90	-37.93	-3868.72	0.00
10200.00†	90.000	269.438	6480.00	3968.90	-38.91	-3968.71	0.00
10300.00†	90.000	269.438	6480.00	4068.90	-39.89	-4068.71	0.00
10400.00†	90.000	269.438	6480.00	4168.90	-40.87	-4168.70	0.00
10500.00†	90.000	269.438	6480.00	4268.90	-41.85	-4268.70	0.00
10600.00†	90.000	269.438	6480.00	4368.90	-42.83	-4368.69	0.00
10700.00†	90.000	269.438	6480.00	4468.90	-43.81	-4468.69	0.00
10800.00†	90.000	269.438	6480.00	4568.90	-44.79	-4568.68	0.00
10886.72	90.000	269.438	6480.00†	4655.62	-45.64	-4655.40	0.00

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Area	Andrews County, TX	Well	#4
Field	Section 30 T16S R28E (Donner)	Wellbore	#4 PWB
Facility	Donner 30 Federal #4		

TARGETS

Name	MD [feet]	TVD [feet]	North [feet]	East [feet]	Grid East [us survey feet]	Grid North [us survey feet]	Latitude [°]	Longitude [°]	Shape
1) #4 BHL	10886.72	6480.00	-45.64	-4655.40	575278.21	690929.41	32 53 57.600N	104 13 21.900W	point

Concho O&G

Location: Andrews County, TX
Field: Section 30 T16S R28E (Donner)
Facility: Donner 30 Federal #4

Slot: #4 SHL
Well: #4
Wellbore: #4 PWB



*This reference wellpath is for 1997.	
True vertical depth and reference to Rig on #4 SHL (197)	Grid Station: 843383 / 16 New Mexico State Plane (Eastern Zone 1983) 1/4 inch
Measured depth and reference to Rig on #4 SHL (197)	North Reference: Over 1000
Rig on #4 SHL (197) to Ground Elev: 1000 feet	Scale: True vertical
Ground Level to Mud line (Facility: Donner 30 Federal #4) 1000 feet	Depth: 0.00 feet
Coordinates are in feet referenced to Facility Center	Created by: jg. shaw on 02/02/2007

Well Profile Data							
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	VS (ft)
Tie On	0.00	0.000	269.438	0.00	0.00	0.00	0.00
KOP	5900.08	0.000	269.438	5900.08	0.00	0.00	0.00
EOC	6811.01	90.000	269.438	6480.00	-5.69	-579.89	579.92
#4 BHL	10886.72	90.000	269.438	6480.00	-45.64	-4655.40	4655.62

