

Planned Wellpath Report

#4 PWP
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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Concho O&G	Slot	#4 SHL
Area	Eddy County, NM	Well	#4
Field	Section 22 T16S R28E (Comet)	Wellbore	#4 PWB
Facility	Comet 22 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	0.999912	Report Generated	08/02/07 at 17:09:04
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	592371.89	696560.76	32 54 53.100N	104 10 01.300W
Facility Reference Pt			592371.89	696560.76	32 54 53.100N	104 10 01.300W
Field Reference Pt			591052.32	692055.85	32 54 08.544N	104 10 16.861W

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 GRN. ELEV.	3385.00 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	GRN. ELEV.	Section Azimuth	86.72°

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WELLPATH DATA (99 stations) † = interpolated/extrapolated station

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]
0.00	0.000	86.718	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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Field	Section 22 T16S R28E (Comet)	Wellbore	#4 PWB
Facility	Comet 22 Federal #4		

WELLPATH DATA (99 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
5970.08	0.000	86.718	5970.08	0.00	0.00	0.00	0.00
6000.00†	2.956	86.718	5999.99	0.77	0.04	0.77	9.88
6100.00†	12.836	86.718	6098.92	14.49	0.83	14.47	9.88
6200.00†	22.716	86.718	6194.02	44.98	2.58	44.91	9.88
6300.00†	32.596	86.718	6282.49	91.34	5.23	91.19	9.88
6400.00†	42.476	86.718	6361.69	152.19	8.71	151.94	9.88
6500.00†	52.356	86.718	6429.27	225.73	12.92	225.36	9.88
6600.00†	62.236	86.718	6483.24	309.77	17.74	309.26	9.88
6700.00†	72.116	86.718	6521.98	401.83	23.01	401.17	9.88
6800.00†	81.996	86.718	6544.35	499.17	28.58	498.35	9.88
6881.01	90.000	86.718	6550.00	579.92	33.21	578.97	9.88
6900.00†	90.000	86.718	6550.00	598.90	34.29	597.92	0.00
7000.00†	90.000	86.718	6550.00	698.90	40.02	697.76	0.00
7100.00†	90.000	86.718	6550.00	798.90	45.74	797.59	0.00
7200.00†	90.000	86.718	6550.00	898.90	51.47	897.43	0.00
7300.00†	90.000	86.718	6550.00	998.90	57.20	997.26	0.00
7400.00†	90.000	86.718	6550.00	1098.90	62.92	1097.10	0.00
7500.00†	90.000	86.718	6550.00	1198.90	68.65	1196.94	0.00
7600.00†	90.000	86.718	6550.00	1298.90	74.37	1296.77	0.00
7700.00†	90.000	86.718	6550.00	1398.90	80.10	1396.61	0.00

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Area	Eddy County, NM	Well	#4
Field	Section 22 T16S R28E (Comet)	Wellbore	#4 PWB
Facility	Comet 22 Federal #4		

WELLPATH DATA (99 stations) † = interpolated/extrapolated station

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]
7800.00†	90.000	86.718	6550.00	1498.90	85.82	1496.44	0.00
7900.00†	90.000	86.718	6550.00	1598.90	91.55	1596.28	0.00
8000.00†	90.000	86.718	6550.00	1698.90	97.28	1696.12	0.00
8100.00†	90.000	86.718	6550.00	1798.90	103.00	1795.95	0.00
8200.00†	90.000	86.718	6550.00	1898.90	108.73	1895.79	0.00
8300.00†	90.000	86.718	6550.00	1998.90	114.45	1995.62	0.00
8400.00†	90.000	86.718	6550.00	2098.90	120.18	2095.46	0.00
8500.00†	90.000	86.718	6550.00	2198.90	125.91	2195.29	0.00
8600.00†	90.000	86.718	6550.00	2298.90	131.63	2295.13	0.00
8700.00†	90.000	86.718	6550.00	2398.90	137.36	2394.97	0.00
8800.00†	90.000	86.718	6550.00	2498.90	143.08	2494.80	0.00
8900.00†	90.000	86.718	6550.00	2598.90	148.81	2594.64	0.00
9000.00†	90.000	86.718	6550.00	2698.90	154.53	2694.47	0.00
9100.00†	90.000	86.718	6550.00	2798.90	160.26	2794.31	0.00
9200.00†	90.000	86.718	6550.00	2898.90	165.99	2894.15	0.00
9300.00†	90.000	86.718	6550.00	2998.90	171.71	2993.98	0.00
9400.00†	90.000	86.718	6550.00	3098.90	177.44	3093.82	0.00
9500.00†	90.000	86.718	6550.00	3198.90	183.16	3193.65	0.00
9571.22	90.000	86.718	6550.00†	3270.13	187.24	3264.76	0.00

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	9571.22	6550.00	187.24	3264.76	595636.36	696747.99	32 54 54.900N	104 09 23.000W	point

SURVEY PROGRAM Ref Wellbore: #4 PWB Ref Wellpath: #4 PWP

Start MD [feet]	End MD [feet]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	9571.22	NaviTrak (Standard)		#4 PWB

Concho O&G

Location: Eddy County, NM
Field: Section 22 T16S R28E (Comet)
Facility: Comet 22 Federal #4

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



Well reference wellbore is #4 PWB	
True vertical depths are referenced to Rig on #4 SHL (RTT)	Grid System: NAD83 / 74 New Mexico State Plane, Lambert Zone (2011) US feet
Measured depths are referenced to Rig on #4 SHL (RTT)	North Reference: Grid north
Rig on #4 SHL (RTT) to GDN ELLEV: 4465 feet	Scale: True distance
GDN ELLEV at Mud line (Facility: Comet 22 Federal #4): 3165 feet	Depths are in feet
Coordinates are in feet referenced to Facility Center	Created by: joneses on 12/Aug/2007

Well Profile Data							
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)
Tie On	0 00	0 00	86 718	0 00	0 00	0 00	0 00
KOP	5970 08	0 00	86 718	5970 08	0 00	0 00	0 00
EOC	6881 01	90 00	86 718	6550 00	33 21	578 97	9 88
#4 BHL	9571 22	90 00	86 718	6550 00	187 24	3264 76	0 00

