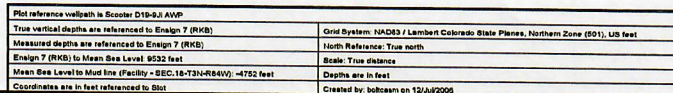


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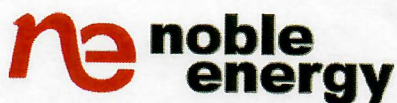


INTEQ 07

COGCC







# Actual Wellpath Report

Scooter D18-9JI AWP

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## REFERENCE WELLPATH IDENTIFICATION

Operator	NOBLE ENERGY, INC	Slot	Slot #3 SCOOTER D18-9JI
Area	COLORADO	Well	SCOOTER D18-9JI
Field	WELD COUNTY (NOBLE NAD 83)	Wellbore	Scooter D18-9JI AWB
Facility	SEC.18-T3N-R64W		

## REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Colorado State Planes, Northern Zone (501), US feet	Software System	WellArchitect™ 1.2
North Reference	True	User	Boltcasm
Scale	0.999957	Report Generated	07/12/06 at 18:23:36
Wellbore last revised	07/12/06	Database/Source file	WA_Denver/Scooter_D1

## WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North [feet]	East [feet]	Easting [US feet]	Northing [US feet]	Latitude [°]	Longitude [°]
Slot Location	-2491.79	1242.67	3254723.12	1325238.20	40 13 21.288N	104 35 16.008W
Facility Reference Pt			3253455.06	1327717.02	40 13 45.912N	104 35 32.028W
Field Reference Pt			3000000.00	4454105.15	48 46 34.315N	105 30 00.000W

## WELLPATH DATUM

Calculation method	Minimum curvature	Ensign 7 (RKB) to Installation Vertical Datum	4780.00 feet
Horizontal Reference Pt	Slot	Ensign 7 (RKB) to Mean Sea Level	9532.00 feet
Vertical Reference Pt	Ensign 7 (RKB)	Installation Vertical Datum to Mud Line (Facility)	0.00 feet
MD Reference Pt	Ensign 7 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	36.45°



# Actual Wellpath Report

Scooter D18-9JI AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	NOBLE ENERGY, INC	Slot	Slot #3 SCOOTER D18-9JI
Area	COLORADO	Well	SCOOTER D18-9JI
Field	WELD COUNTY (NOBLE NAD 83)	Wellbore	Scooter D18-9JI AWB
Facility	SEC.18-T3N-R64W		

WELLPATH DATA (64 stations) † = interpolated/extrapolated station							
MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]
0.00†	0.000	0.000	0.00	0.00	0.00	0.00	0.00
16.00	0.000	0.000	16.00	0.00	0.00	0.00	0.00
708.00	0.500	333.200	707.99	1.36	2.70	-1.36	0.07
896.00	0.600	341.300	895.98	2.29	4.36	-2.05	0.07
1084.00	0.400	339.900	1083.98	3.21	5.91	-2.59	0.11
1271.00	0.600	349.700	1270.97	4.25	7.48	-2.99	0.12
1428.00	0.800	342.300	1427.96	5.45	9.34	-3.47	0.14
1522.00	1.900	22.100	1521.93	7.34	11.41	-3.08	1.47
1615.00	4.200	33.700	1614.79	12.24	15.67	-0.61	2.55
1709.00	5.800	36.800	1708.43	20.43	22.34	4.14	1.73
1803.00	6.900	35.400	1801.85	30.82	30.74	10.26	1.18
1897.00	7.900	32.300	1895.07	42.91	40.81	16.98	1.15
1991.00	9.100	37.500	1988.04	56.79	52.16	24.96	1.51
2085.00	10.600	39.300	2080.65	72.86	64.75	34.96	1.63
2179.00	11.500	38.200	2172.91	90.86	78.81	46.23	0.98
2273.00	11.000	39.700	2265.10	109.18	93.07	57.76	0.62
2367.00	11.400	38.200	2357.31	127.42	107.27	69.23	0.53
2461.00	11.200	35.800	2449.49	145.83	121.98	80.32	0.54
2555.00	11.600	37.600	2541.63	164.41	136.87	91.42	0.57
2649.00	11.900	40.000	2633.66	183.53	151.78	103.42	0.61
2742.00	11.900	37.200	2724.67	202.69	166.76	115.38	0.62
2836.00	12.400	35.100	2816.56	222.47	182.74	127.04	0.71
2929.00	12.300	36.500	2907.41	242.36	198.87	138.68	0.34
3023.00	11.300	35.100	2999.42	261.58	214.46	149.93	1.11
3117.00	11.300	36.500	3091.60	279.99	229.39	160.70	0.29
3210.00	10.500	36.500	3182.92	297.58	243.53	171.16	0.86
3304.00	9.900	36.100	3275.44	314.23	256.94	181.02	0.64
3398.00	10.700	39.700	3367.92	331.02	270.19	191.35	1.09
3491.00	10.400	40.000	3459.35	348.02	283.26	202.26	0.33
3585.00	10.300	39.300	3551.82	364.88	296.26	213.04	0.17
3679.00	11.200	36.500	3644.17	382.40	310.11	223.79	1.11
3773.00	11.100	35.400	3736.39	400.58	324.82	234.46	0.25
3865.00	11.900	36.800	3826.55	418.92	339.63	245.28	0.92
3959.00	12.000	37.500	3918.51	438.38	355.15	257.03	0.19
4052.00	11.200	37.500	4009.61	457.08	369.98	268.41	0.86
4146.00	11.300	37.200	4101.80	475.41	384.56	279.54	0.12
4240.00	11.700	35.400	4193.92	494.15	399.67	290.63	0.57
4334.00	11.600	36.800	4285.98	513.13	415.00	301.81	0.32
4428.00	11.600	38.200	4378.06	532.03	430.00	313.32	0.30
4520.00	12.000	36.800	4468.12	550.84	444.92	324.77	0.53



# Actual Wellpath Report

Scooter D18-9JI AWP

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## REFERENCE WELLPATH IDENTIFICATION

Operator	NOBLE ENERGY, INC	Slot	Slot #3 SCOOTER D18-9JI
Area	COLORADO	Well	SCOOTER D18-9JI
Field	WELD COUNTY (NOBLE NAD 83)	Wellbore	Scooter D18-9JI AWB
Facility	SEC.18-T3N-R64W		

## WELLPATH DATA (64 stations)

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]
4614.00	11.300	37.200	4560.18	569.82	460.08	336.19	0.75
4708.00	11.300	37.200	4652.36	588.23	474.75	347.32	0.00
4802.00	11.300	40.700	4744.54	606.63	489.07	358.90	0.73
4895.00	10.800	38.600	4835.81	624.42	502.79	370.28	0.69
4989.00	11.200	35.400	4928.09	642.35	517.11	381.06	0.78
5082.00	10.300	37.200	5019.45	659.69	531.10	391.32	1.03
5177.00	8.000	38.200	5113.24	674.80	543.06	400.54	2.43
5270.00	6.200	37.900	5205.52	686.29	552.11	407.63	1.94
5364.00	4.800	39.000	5299.09	695.29	559.17	413.22	1.49
5458.00	3.300	47.000	5392.85	701.88	564.07	417.68	1.70
5552.00	2.100	11.200	5486.75	706.10	567.61	419.99	2.14
5645.00	0.900	308.300	5579.72	707.66	569.73	419.75	2.01
5739.00	0.100	41.100	5673.72	707.77	570.25	419.22	0.97
5927.00	1.200	22.400	5861.70	709.84	572.20	420.08	0.59
6114.00	0.700	55.500	6048.68	712.82	574.65	421.77	0.39
6303.00	0.500	50.900	6237.67	714.71	575.83	423.36	0.11
6490.00	0.200	36.800	6424.66	715.83	576.60	424.19	0.17
6679.00	0.100	111.700	6613.66	716.20	576.81	424.54	0.11
6866.00	0.200	194.300	6800.66	715.94	576.43	424.61	0.11
7053.00	0.000	29.800	6987.66	715.63	576.11	424.53	0.11
7240.00	0.400	11.900	7174.66	716.23	576.75	424.66	0.21
7427.00	0.400	51.300	7361.66	717.45	577.80	425.31	0.14
7629.00	0.400	110.300	7563.65	718.33	578.00	426.52	0.20
7684.00	0.400	110.300	7618.65	718.44	577.86	426.88	0.00

## HOLE & CASING SECTIONS Ref Wellbore: Scooter D18-9JI AWB Ref Wellpath: Scooter D18-9JI AWP

String/Diameter	Start MD [feet]	End MD [feet]	Interval [feet]	Start TVD [feet]	End TVD [feet]	Start N/S [feet]	Start E/W [feet]	End N/S [feet]	End E/W [feet]
12.25in Open Hole	16.00	680.00	664.00	16.00	679.99	0.00	0.00	2.48	-1.25
8.625in Casing Surface	16.00	680.00	664.00	16.00	679.99	0.00	0.00	2.48	-1.25
7.875in Open Hole	16.00	7684.00	7668.00	16.00	7618.65	0.00	0.00	577.86	426.88

## WELLPATH COMPOSITION Ref Wellbore: Scooter D18-9JI AWB Ref Wellpath: Scooter D18-9JI AWP

Start MD [feet]	End MD [feet]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	7684.00	MTC (Collar, pre-2000) (Standard)	Log #1	Scooter D18-9JI AWB