

123-25545



# KERR MCGEE

Location: COLORADO Slot: Slot #13 Waterfront 33-26 605'FSL & 530'FEL Section 27  
 Field: WELD COUNTY (KERR MCGEE) Well: Waterfront 33-26  
 Facility: SEC.27-T3N-R68W Wellbore: Waterfront 33-26 PWB

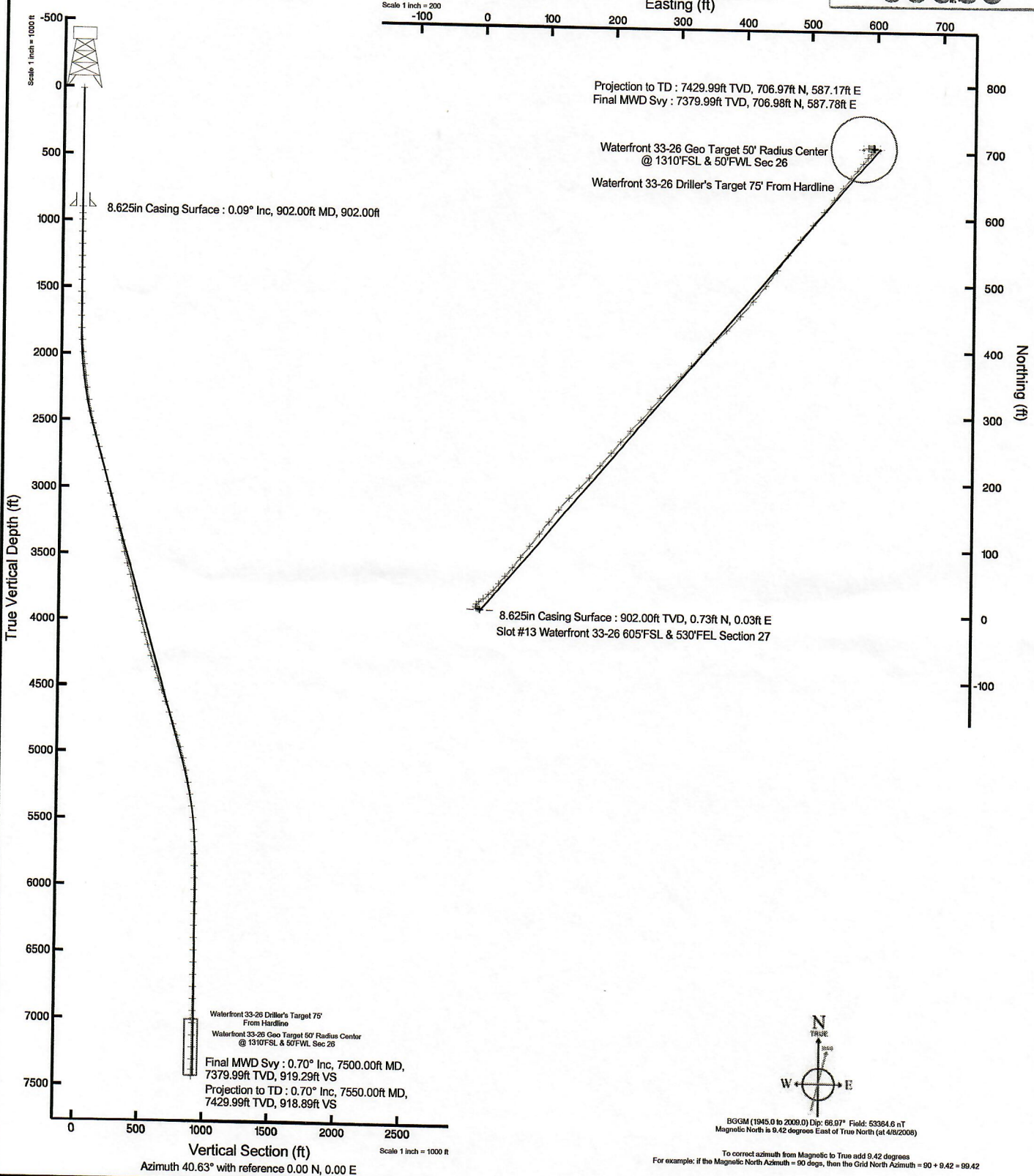


INTERRUPTED RECEIVED

OCT 27 2008

COGCC

Plot reference wellpath is Waterfront 33-26 PWP Rev. A-0	
True vertical depths are referenced to Xtreme 11 (RT)	Grid System: NAD83 / Lambert Colorado State Planes, Northern Zone (501), US feet
Measured depths are referenced to Xtreme 11 (RT)	North Reference: True north
Xtreme 11 (RT) to Mean Sea Level: 4969 feet	Scale: True distance
Mean Sea Level to Mud line (Facility: SEC.27-T3N-R68W): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: buscrnt on 8/19/2008





# Actual Wellpath Report

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## REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE	Slot	Slot #13 Waterfront 33-26 605'FSL & 530'FEL Section 27
Area	COLORADO	Well	Waterfront 33-26
Field	WELD COUNTY (KERR MCGEE)	Wellbore	Waterfront 33-26
Facility	SEC.27-T3N-R68W		

## REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Colorado State Planes, Northern Zone (501), US feet	Software System	WellArchitect® 2.0
North Reference	True	User	Buscnat
Scale	0.999957	Report Generated	6/19/2008 at 3:37:21 PM
Convergence at slot	0.33° East	Database/Source file	WellArchitect_Denver/Waterfront_33-26.xml

## WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	-538.87	3791.19	3144837.27	1312974.82	40°11'28.860"N	104°58'53.580"W
Facility Reference Pt			3141043.24	1313492.07	40°11'34.188"N	104°59'42.432"W
Field Reference Pt			3197771.84	1268891.29	40°04'09.600"N	104°47'36.000"W

## WELLPATH DATUM

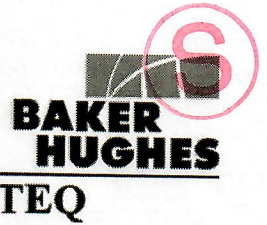
Calculation method	Minimum curvature	Xtreme 11 (RT) to Facility Vertical Datum	4969.00ft
Horizontal Reference Pt	Slot	Xtreme 11 (RT) to Mean Sea Level	4969.00ft
Vertical Reference Pt	Xtreme 11 (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	Xtreme 11 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	40.63°



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REFERENCE WELLPATH IDENTIFICATION			
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Area	COLORADO	Well	Waterfront 33-26
Field	WELD COUNTY (KERR MCGEE)	Wellbore	Waterfront 33-26
Facility	SEC.27-T3N-R68W		

WELLPATH DATA (77 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	
0.00†	0.000	2.400	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	2.400	15.00	0.00	0.00	0.00	0.00	
955.00	0.100	2.400	955.00	0.64	0.82	0.03	0.01	
1000.00	0.100	303.300	1000.00	0.67	0.88	0.00	0.22	
1090.00	0.300	302.600	1090.00	0.63	1.05	-0.26	0.22	
1180.00	0.400	299.500	1180.00	0.53	1.33	-0.73	0.11	
1271.00	0.600	295.200	1270.99	0.35	1.69	-1.44	0.22	
1361.00	0.600	297.000	1360.99	0.11	2.11	-2.29	0.02	
1452.00	0.700	299.500	1451.98	-0.11	2.60	-3.20	0.11	
1542.00	0.900	284.300	1541.97	-0.53	3.04	-4.36	0.32	
1633.00	1.000	304.700	1632.96	-0.93	3.67	-5.70	0.39	
1723.00	1.900	358.900	1722.94	0.10	5.61	-6.38	1.72	
1814.00	2.800	25.900	1813.86	3.38	9.12	-5.44	1.54	
1904.00	4.300	56.900	1903.69	8.74	12.94	-1.65	2.65	
1994.00	6.200	56.200	1993.31	16.67	17.48	5.22	2.11	
2085.00	6.300	47.400	2083.77	26.36	23.60	12.98	1.06	
2175.00	7.300	42.500	2173.14	36.98	31.16	20.47	1.28	
2265.00	8.400	36.100	2262.30	49.25	40.68	28.21	1.56	
2356.00	10.500	42.800	2352.06	64.16	52.14	37.76	2.60	
2446.00	12.000	36.800	2440.33	81.69	65.65	48.94	2.11	
2536.00	13.700	38.300	2528.07	101.68	81.51	61.15	1.92	
2626.00	15.000	37.200	2615.26	123.95	99.15	74.80	1.48	
2717.00	14.900	40.000	2703.18	147.41	117.49	89.44	0.80	
2807.00	15.600	40.400	2790.02	171.08	135.57	104.72	0.79	
2898.00	14.900	37.900	2877.81	195.00	154.12	119.84	1.06	
2989.00	14.900	43.900	2965.76	218.37	171.78	135.14	1.69	
3079.00	13.400	45.600	3053.02	240.31	187.42	150.61	1.73	
3170.00	14.200	42.100	3141.40	261.98	203.08	165.63	1.27	
3261.00	17.200	40.700	3228.99	286.59	221.56	181.89	3.32	
3351.00	15.400	40.700	3315.37	311.85	240.71	198.36	2.00	
3441.00	13.500	41.400	3402.52	334.31	257.66	213.10	2.12	
3532.00	14.200	42.800	3490.88	356.08	273.81	227.71	0.85	
3622.00	15.200	44.200	3577.93	378.89	290.37	243.44	1.18	
3712.00	14.500	37.900	3664.93	401.92	307.72	258.58	1.95	
3803.00	13.600	41.400	3753.21	424.00	324.74	272.66	1.36	
3893.00	14.900	43.900	3840.44	446.13	341.01	287.68	1.60	
3984.00	14.800	44.200	3928.40	469.42	357.78	303.90	0.14	
4075.00	15.000	41.400	4016.34	492.79	374.94	319.79	0.82	
4165.00	14.900	40.000	4103.29	516.01	392.54	334.93	0.42	
4256.00	16.800	48.800	4190.84	540.73	410.17	352.35	3.36	
4346.00	18.400	46.300	4276.63	567.74	428.55	372.40	1.97	
4437.00	19.500	40.700	4362.70	597.22	449.99	392.69	2.33	
4527.00	19.600	40.700	4447.51	627.34	472.83	412.33	0.11	
4618.00	19.800	37.900	4533.19	658.00	496.56	431.75	1.06	
4708.00	18.400	34.000	4618.23	687.34	520.37	449.06	2.10	



# Actual Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE	Slot	Slot #13 Waterfront 33-26 605'FSL & 530'FEL Section 27
Area	COLORADO	Well	Waterfront 33-26
Field	WELD COUNTY (KERR MCGEE)	Wellbore	Waterfront 33-26
Facility	SEC.27-T3N-R68W		

WELLPATH DATA (77 stations)								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	
4798.00	19.300	37.900	4703.41	716.30	543.88	466.14	1.72	
4889.00	19.300	41.100	4789.30	746.36	567.08	485.27	1.16	
4980.00	17.900	40.400	4875.54	775.39	589.06	504.22	1.56	
5070.00	15.700	39.700	4961.70	801.40	608.97	520.96	2.45	
5161.00	15.000	37.600	5049.45	825.47	627.77	536.01	0.98	
5251.00	13.300	39.700	5136.72	847.45	644.96	549.73	1.97	
5342.00	10.900	36.500	5225.69	866.50	659.94	561.54	2.74	
5432.00	9.500	41.000	5314.27	882.42	672.38	571.47	1.79	
5523.00	8.000	36.800	5404.21	896.25	683.12	580.19	1.79	
5613.00	6.100	37.200	5493.52	907.27	691.95	586.84	2.11	
5703.00	3.300	40.400	5583.21	914.63	697.73	591.41	3.12	
5794.00	2.100	36.500	5674.11	918.92	701.06	594.10	1.33	
5885.00	1.500	39.300	5765.06	921.77	703.33	595.84	0.67	
5975.00	0.500	45.600	5855.05	923.34	704.51	596.87	1.12	
6066.00	0.400	5.600	5946.04	924.00	705.11	597.18	0.35	
6156.00	0.200	30.900	6036.04	924.41	705.55	597.29	0.26	
6247.00	0.300	321.300	6127.04	924.61	705.88	597.23	0.33	
6337.00	0.200	335.000	6217.04	924.72	706.20	597.01	0.13	
6427.00	0.500	327.900	6307.04	924.90	706.68	596.74	0.34	
6518.00	0.200	322.000	6398.04	925.05	707.14	596.43	0.33	
6608.00	0.300	260.400	6488.04	924.90	707.22	596.10	0.30	
6699.00	0.400	275.900	6579.04	924.53	707.22	595.55	0.15	
6790.00	0.300	264.300	6670.03	924.18	707.22	595.00	0.13	
6880.00	0.400	247.800	6760.03	923.73	707.08	594.47	0.16	
6971.00	0.400	246.700	6851.03	923.16	706.84	593.89	0.01	
7061.00	0.600	252.400	6941.03	922.48	706.57	593.15	0.23	
→ 7151.00	0.800	278.000	7031.02	921.74	706.52	592.08	0.41	
7242.00	0.800	269.200	7122.01	920.98	706.59	590.81	0.13	
7332.00	0.600	282.900	7212.00	920.34	706.69	589.72	0.29	
7423.00	0.700	280.800	7303.00	919.84	706.90	588.71	0.11	
✓ 7500.00	0.700	268.800	7379.99	919.30	706.98	587.78	0.19	
✓ 7550.00	0.700	268.800	✓ 7429.99	918.89	✓ 706.97	✓ 587.17	0.00	

HOLE & CASING SECTIONS Ref Wellbore: Waterfront 33-26 Ref Wellpath: Waterfront 33-26_awp									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
8.625in Casing Surface	0.00	902.00	902.00	0.00	902.00	0.00	0.00	0.73	0.03



**KerrMcGee**

# Actual Wellpath Report

Waterfront 33-26\_awp

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**BAKER  
HUGHES**

**INTEQ**

## REFERENCE WELLPATH IDENTIFICATION

Operator	<b>KERR MCGEE</b>	Slot	<b>Slot #13 Waterfront 33-26 605'FSL &amp; 530'FEL Section 27</b>
Area	<b>COLORADO</b>	Well	<b>Waterfront 33-26</b>
Field	<b>WELD COUNTY (KERR MCGEE)</b>	Wellbore	<b>Waterfront 33-26</b>
Facility	<b>SEC.27-T3N-R68W</b>		

## WELLPATH COMPOSITION Ref Wellbore: Waterfront 33-26 Ref Wellpath: Waterfront 33-26\_awp

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	7550.00	NaviTrak (Standard)	BHI MWD (7-7/8) 955-7550	Waterfront 33-26