



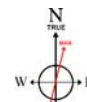
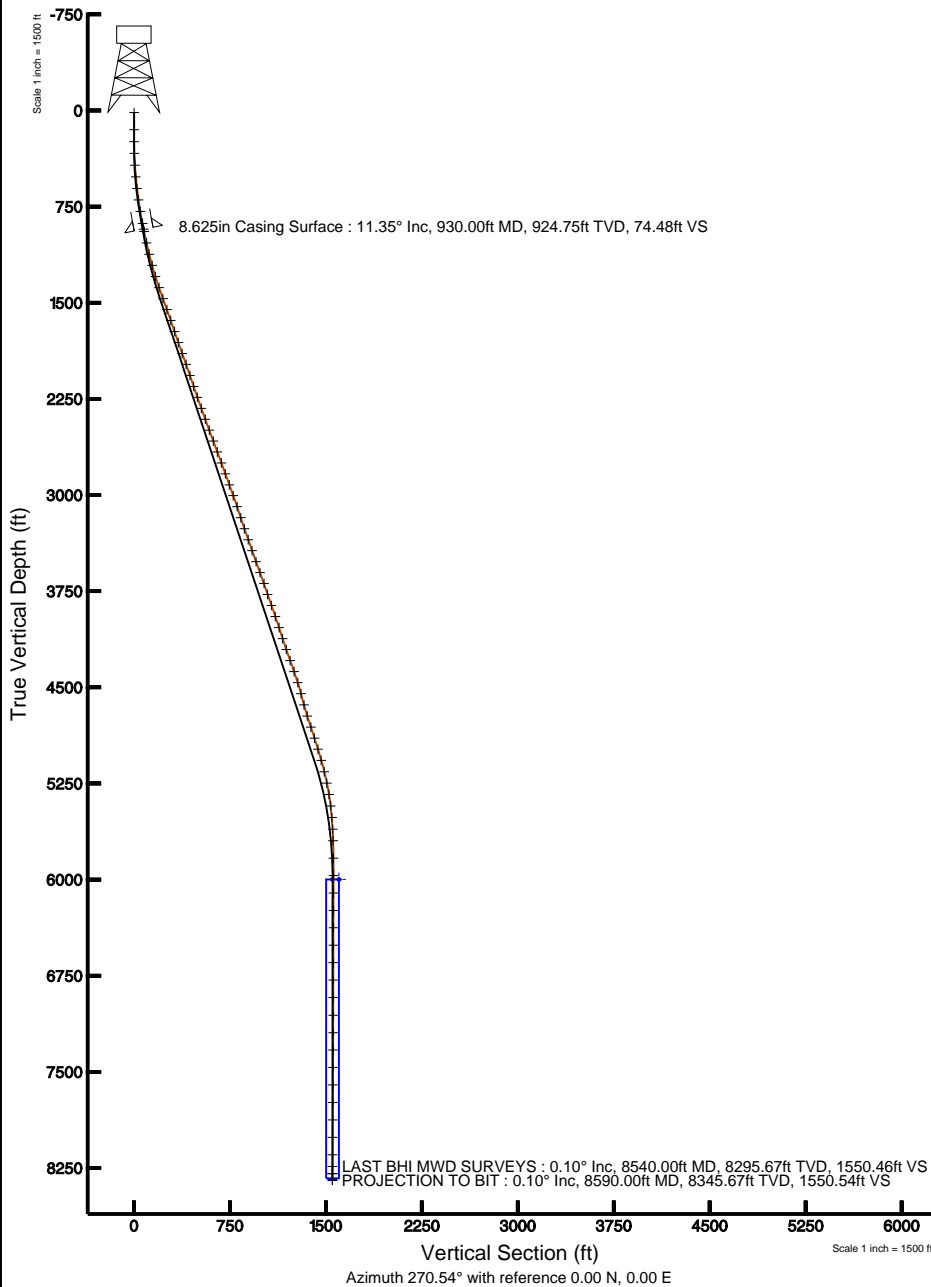
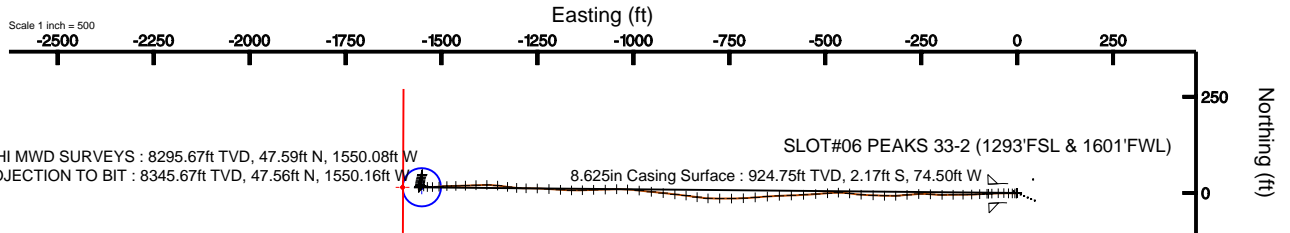
KERR MCGEE OIL & GAS ONSHORE LP

Location: COLORADO Slot: SLOT#06 PEAKS 33-2 (1293'FSL & 1601'FWL)
Field: WELD COUNTY (KERR MCGEE) Well: PEAKS 33-2
Facility: SEC.02-T1N-R68W Wellbore: PEAKS 33-2 PWB



INTEQ

Plot reference wellpath is PEAKS 33-2 (REV-A.0) PWP	
True vertical depths are referenced to XTREME 12 (RKB)	Grid System: NAD83 / Lambert Colorado State Planes, Northern Zone (501), US feet
Measured depths are referenced to XTREME 12 (RKB)	North Reference: True north
XTREME 12 (RKB) to Mean Sea Level: 5047 feet	Scale: True distance
Mean Sea Level to Mud line (Facility: SEC.02-T1N-R68W): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: cookdawn on 5/18/2011



BGGM (1945.0 to 2012.0) Dip: 66.77° Field: 52979 nT
Magnetic North is 8.94 degrees East of True North (at 3/25/2011)

To correct azimuth from Magnetic to True add 8.94 degrees
For example: if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 8.94 = 98.94



Actual Wellpath Report

PEAKS 33-2 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#06 PEAKS 33-2 (1293'FSL & 1601'FWL)
Area	COLORADO	Well	PEAKS 33-2
Field	WELD COUNTY (KERR MCGEE)	Wellbore	PEAKS 33-2 AWP
Facility	SEC.02-T1N-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	Cookdanm
Scale	0.999961	Report Generated	5/18/2011 at 3:55:12 PM
Convergence at slot	0.34° East	Database/Source file	Denver Server/PEAKS_33-2_AWP.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	20.04	-45.90	3147126.66	1271191.95	40°04'35.814"N	104°58'27.271"W
Facility Reference Pt			3147172.67	1271172.18	40°04'35.616"N	104°58'26.681"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 12 (RKB) to Facility Vertical Datum	5047.00ft
Horizontal Reference Pt	Slot	XTREME 12 (RKB) to Mean Sea Level	5047.00ft
Vertical Reference Pt	XTREME 12 (RKB)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	XTREME 12 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	270.54°



Actual Wellpath Report

PEAKS 33-2 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#06 PEAKS 33-2 (1293'FSL & 1601'FWL)
Area	COLORADO	Well	PEAKS 33-2
Field	WELD COUNTY (KERR MCGEE)	Wellbore	PEAKS 33-2 AWP
Facility	SEC.02-T1N-R68W		

WELLPATH DATA (88 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	151.300	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	151.300	15.00	0.00	0.00	0.00	0.00	
149.00	0.300	151.300	149.00	-0.17	-0.31	0.17	0.22	
242.00	0.700	222.000	242.00	0.09	-0.94	-0.09	0.71	
334.00	1.700	263.900	333.98	1.81	-1.51	-1.83	1.38	
426.00	3.100	274.400	425.89	5.65	-1.46	-5.67	1.59	
518.00	5.400	268.100	517.64	12.46	-1.41	-12.47	2.55	
609.00	7.400	274.100	608.06	22.59	-1.14	-22.60	2.31	
699.00	7.900	271.600	697.26	34.56	-0.55	-34.56	0.67	
790.00	10.400	266.300	787.10	49.00	-0.90	-49.01	2.90	
885.00	10.300	267.400	880.55	66.03	-1.84	-66.05	0.23	
949.00	11.800	268.400	943.37	78.29	-2.29	-78.31	2.36	
1040.00	12.700	266.000	1032.29	97.56	-3.24	-97.59	1.14	
1131.00	13.700	267.700	1120.89	118.29	-4.37	-118.34	1.18	
1221.00	15.400	270.900	1208.00	140.89	-4.61	-140.94	2.09	
1312.00	17.500	268.100	1295.27	166.64	-4.88	-166.70	2.47	
1403.00	19.300	270.500	1381.62	195.36	-5.20	-195.41	2.15	
1494.00	19.900	275.500	1467.35	225.83	-3.58	-225.87	1.96	
1584.00	19.900	267.400	1551.99	256.39	-2.81	-256.42	3.06	
1675.00	19.100	263.500	1637.78	286.63	-5.20	-286.69	1.68	
1766.00	19.100	267.700	1723.77	316.27	-7.48	-316.36	1.51	
1857.00	18.700	273.000	1809.87	345.72	-7.32	-345.81	1.94	
1947.00	19.800	271.200	1894.84	375.38	-6.24	-375.45	1.39	
2038.00	20.000	274.700	1980.41	406.31	-4.64	-406.37	1.33	
2129.00	19.200	277.600	2066.14	436.68	-1.39	-436.72	1.38	
2220.00	18.200	270.200	2152.34	465.75	0.64	-465.77	2.83	
2310.00	18.800	263.900	2237.70	494.21	-0.85	-494.24	2.32	
2401.00	20.800	267.700	2323.32	524.92	-3.06	-524.97	2.61	
2492.00	19.900	265.600	2408.64	556.49	-4.90	-556.56	1.27	
2583.00	21.200	268.400	2493.85	588.36	-6.54	-588.45	1.79	
2673.00	19.600	267.400	2578.20	619.70	-7.68	-619.80	1.82	
2764.00	20.600	266.300	2663.66	650.91	-9.41	-651.02	1.17	
2855.00	19.900	265.600	2749.03	682.30	-11.63	-682.44	0.81	
2946.00	20.200	266.000	2834.52	713.39	-13.91	-713.55	0.36	
3037.00	19.400	271.600	2920.15	744.17	-14.59	-744.34	2.26	
3127.00	20.700	268.700	3004.69	775.01	-14.53	-775.18	1.82	
3218.00	18.400	272.300	3090.44	805.45	-14.32	-805.62	2.85	
3309.00	18.400	280.400	3176.81	833.96	-11.15	-834.10	2.81	
3400.00	18.700	276.900	3263.08	862.61	-6.80	-862.71	1.27	
3490.00	19.400	274.400	3348.15	891.86	-3.92	-891.94	1.19	
3581.00	20.100	278.600	3433.80	922.42	-0.43	-922.47	1.74	
3672.00	19.500	274.100	3519.43	953.07	3.00	-953.08	1.80	
3763.00	21.400	276.900	3604.69	984.73	6.08	-984.71	2.35	
3853.00	18.500	273.700	3689.28	1015.31	8.97	-1015.27	3.44	
3944.00	18.000	268.800	3775.71	1043.78	9.61	-1043.74	1.77	



Actual Wellpath Report

PEAKS 33-2 AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#06 PEAKS 33-2 (1293'FSL & 1601'FWL)
Area	COLORADO	Well	PEAKS 33-2
Field	WELD COUNTY (KERR MCGEE)	Wellbore	PEAKS 33-2 AWP
Facility	SEC.02-T1N-R68W		

WELLPATH DATA (88 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
4035.00	19.700	267.400	3861.83	1073.15	8.62	-1073.12	1.93	
4126.00	19.800	270.200	3947.48	1103.88	7.98	-1103.85	1.05	
4217.00	17.700	266.000	4033.65	1133.09	7.07	-1133.07	2.74	
4308.00	18.500	271.600	4120.15	1161.32	6.50	-1161.31	2.10	
4398.00	18.900	274.400	4205.40	1190.14	8.02	-1190.11	1.09	
4489.00	19.800	273.700	4291.26	1220.23	10.15	-1220.19	1.02	
4580.00	19.400	271.600	4376.99	1250.73	11.56	-1250.68	0.89	
4671.00	17.800	269.800	4463.23	1279.75	11.94	-1279.70	1.87	
4761.00	14.200	276.200	4549.74	1304.50	13.08	-1304.44	4.45	
4852.00	16.000	276.900	4637.59	1328.08	15.79	-1327.99	1.99	
4943.00	17.400	277.900	4724.75	1354.04	19.17	-1353.91	1.57	
5034.00	18.500	269.100	4811.34	1381.97	20.82	-1381.83	3.21	
5124.00	18.300	267.700	4896.74	1410.35	20.02	-1410.23	0.54	
5215.00	16.800	267.700	4983.50	1437.76	18.92	-1437.65	1.65	
5306.00	15.400	269.500	5070.93	1462.98	18.29	-1462.87	1.63	
5397.00	14.100	267.700	5158.93	1486.13	17.74	-1486.03	1.51	
5488.00	12.200	264.900	5247.54	1506.77	16.44	-1506.68	2.20	
5578.00	9.700	268.400	5335.89	1523.82	15.38	-1523.74	2.87	
5669.00	7.200	273.700	5425.90	1537.17	15.54	-1537.09	2.87	
5760.00	5.100	288.800	5516.38	1546.71	17.21	-1546.62	2.89	
5851.00	2.600	280.700	5607.17	1552.58	18.89	-1552.47	2.80	
5941.00	1.700	263.100	5697.10	1555.92	19.11	-1555.80	1.23	
6077.00	1.300	193.200	5833.07	1558.25	17.37	-1558.16	1.29	
6213.00	0.800	200.900	5969.04	1558.92	14.98	-1558.85	0.38	
6349.00	0.300	208.600	6105.04	1559.42	13.78	-1559.36	0.37	
6485.00	0.400	37.100	6241.03	1559.31	13.85	-1559.24	0.51	
6621.00	0.400	41.300	6377.03	1558.71	14.58	-1558.64	0.02	
6757.00	0.500	46.500	6513.03	1557.98	15.35	-1557.90	0.08	
6893.00	0.600	30.770	6649.02	1557.19	16.37	-1557.11	0.13	
7029.00	0.700	13.800	6785.01	1556.64	17.79	-1556.54	0.16	
7165.00	0.700	6.900	6921.00	1556.36	19.42	-1556.25	0.06	
7303.00	1.500	0.200	7058.98	1556.28	22.06	-1556.14	0.59	
7439.00	1.200	4.400	7194.94	1556.19	25.26	-1556.02	0.23	
7575.00	1.400	12.500	7330.90	1555.75	28.30	-1555.55	0.20	
7711.00	1.200	9.300	7466.87	1555.19	31.33	-1554.96	0.16	
7847.00	1.300	13.100	7602.84	1554.64	34.24	-1554.38	0.10	
7984.00	1.300	18.100	7739.80	1553.83	37.23	-1553.55	0.08	
8120.00	1.500	10.700	7875.76	1553.05	40.44	-1552.74	0.20	
8256.00	1.600	18.500	8011.71	1552.15	43.99	-1551.81	0.17	
8392.00	0.700	30.800	8147.68	1551.15	46.51	-1550.78	0.68	
8483.00	0.600	36.000	8238.68	1550.59	47.37	-1550.21	0.13	
8540.00	0.100	247.300	8295.67	1550.46	47.59	-1550.08	1.21	LAST BHI MWD SURVEYS
8590.00	0.100	247.300	8345.67	1550.54	47.56	-1550.16	0.00	PROJECTION TO BIT



Actual Wellpath Report

PEAKS 33-2 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#06 PEAKS 33-2 (1293'FSL & 1601'FWL)
Area	COLORADO	Well	PEAKS 33-2
Field	WELD COUNTY (KERR MCGEE)	Wellbore	PEAKS 33-2 AWP
Facility	SEC.02-T1N-R68W		

HOLE & CASING SECTIONS				Ref Wellbore: PEAKS 33-2 AWP		Ref Wellpath: PEAKS 33-2 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]
12.25in Open Hole	15.00	940.00	925.00	15.00	934.55	0.00	0.00	-2.23	-76.49
8.625in Casing Surface	15.00	930.00	915.00	15.00	924.75	0.00	0.00	-2.17	-74.50
7.875in Open Hole	930.00	8590.00	7660.00	924.75	8345.67	-2.17	-74.50	47.56	-1550.16

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
PEAKS 33-2 GEO TARGET 50' RADIUS (1320'FSL & 50'FWL, REV-1)		6000.00	14.62	-1551.49	3145575.17	1271197.37	40°04'35.958"N	104°58'47.230"W	circle
PEAKS 33-2 HARDLINE 50'W OF GEO TARGET		6000.00	14.62	-1601.49	3145525.17	1271197.07	40°04'35.958"N	104°58'47.873"W	point

WELLPATH COMPOSITION			Ref Wellbore: PEAKS 33-2 AWP	Ref Wellpath: PEAKS 33-2 AWP	
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment		Wellbore
15.00	885.00	NaviTrak (Standard)	BHI MWD SURVEYS 12.25 HOLE <149-885>		PEAKS 33-2 AWP
885.00	8540.00	NaviTrak (Standard)	BHI MWD SURVEYS 7.875 <949-8540>		PEAKS 33-2 AWP
8540.00	8590.00	Blind Drilling (std)	Projection to bit		PEAKS 33-2 AWP



Actual Wellpath Report

PEAKS 33-2 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#06 PEAKS 33-2 (1293'FSL & 1601'FWL)
Area	COLORADO	Well	PEAKS 33-2
Field	WELD COUNTY (KERR MCGEE)	Wellbore	PEAKS 33-2 AWB
Facility	SEC.02-T1N-R68W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
8540.00	0.100	247.300	8295.67	LAST BHI MWD SURVEYS
8590.00	0.100	247.300	8345.67	PROJECTION TO BIT