



Weatherford®

Drilling Services

PROPOSAL



GOODMAN POINT #21

MONTEZUMA CO., COLORADO

WELL FILE: **PILOT HOLE PLAN 3**
LATERAL PLAN 3

JUNE 1, 2009

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**GOODMAN POINT #21
MONTEZUMA CO., COLORADO**



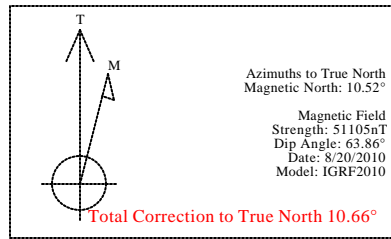
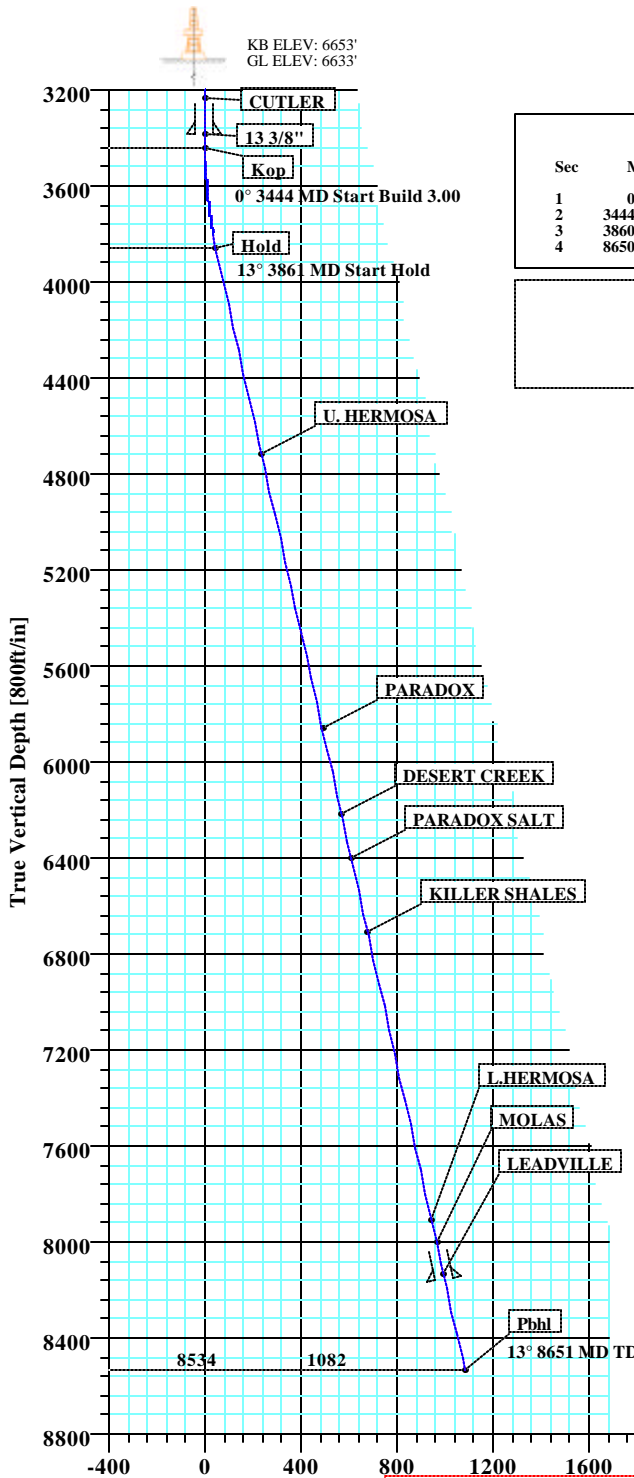
PILOT HOLE

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	270.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	3444.00	0.00	270.00	3444.00	0.00	0.00	0.00	270.00	0.00	
3	3860.67	12.50	270.00	3857.37	0.00	-45.27	3.00	270.00	45.27	
4	8650.84	12.50	270.00	8534.00	0.00	-1082.06	0.00	0.00	1082.06	

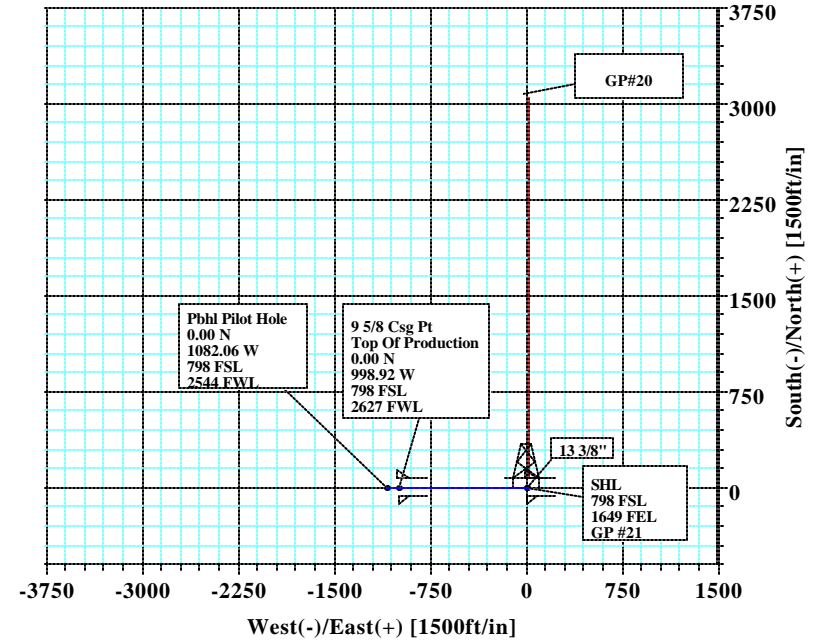
WELL DETAILS							
Name	N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
21	0.00	0.00	1289634.30	2037273.17	37°24'54.610N	108°48'56.000W	N/A

SITE DETAILS	
Goodman Point #21	
Site Centre Latitude:	37°24'54.610N
Longitude:	108°48'56.000W
Ground Level:	6633.00
Positional Uncertainty:	0.00
Convergence:	-2.03

CASING DETAILS				
No.	TVD	MD	Name	Size
1	3380.00	3380.00	13 3/8"	13.375
2	8159.00	8266.74	9 5/8"	9.625



FORMATION TOP DETAILS			
No.	TVDPath	MDPath	Formation
1	200.00	200.00	DAKOTA
2	400.00	400.00	MORRISON
3	1000.00	1000.00	SUMMERVILLE
4	1668.00	1668.00	ENTRADA
5	2472.00	2472.00	CHINLE
6	3156.00	3156.00	SHINARUMP
7	3230.00	3230.00	CUTLER
8	4713.00	4737.07	U. HERMOSA
9	5858.00	5909.87	PARADOX
10	6220.00	6280.66	DESERT CREEK
11	6403.00	6468.10	PARADOX SALT
12	6712.00	6784.61	KILLER SHALES
13	7906.00	8007.60	L.HERMOSA
14	8002.00	8105.93	MOLAS
15	8134.00	8241.13	LEADVILLE



FIELD DETAILS	
Montezuma Co., CO (NAD83) Colorado	
Geodetic System:	US State Plane Coordinate System 1983
Ellipsoid:	GRS 1980
Zone:	Colorado, Southern Zone
Magnetic Model:	IGRF2010
System Datum:	Mean Sea Level
Local North:	True North



Company: Kinder Morgan	Date: 9/7/2010	Time: 18:47:51	Page: 1
Field: Montezuma Co., CO (NAD83)	Co-ordinate(NE) Reference: Well: 21, True North		
Site: Goodman Point #21	Vertical (TVD) Reference: SITE 6653.0		
Well: 21	Section (VS) Reference: Well (0.00N,0.00E,270.00Azi)		
Wellpath: Pilot	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Plan: Plan #1	Date Composed: 8/20/2010
Principal: Yes	Version: 1
	Tied-to: From Surface

Field: Montezuma Co., CO (NAD83) Colorado	Map System: US State Plane Coordinate System 1983	Map Zone: Colorado, Southern Zone
	Geo Datum: GRS 1980	Coordinate System: Well Centre
	Sys Datum: Mean Sea Level	Geomagnetic Model: IGRF2010

Site: Goodman Point #21		
Site Position:	Northing: 1289634.30 ft	Latitude: 37 24 54.610 N
From: Geographic	Easting: 2037273.17 ft	Longitude: 108 48 56.000 W
Position Uncertainty: 0.00 ft		North Reference: True
Ground Level: 6633.00 ft		Grid Convergence: -2.03 deg

Well: 21	Slot Name:	
Well Position: +N/-S 0.00 ft	Northing: 1289634.30 ft	Latitude: 37 24 54.610 N
+E/-W 0.00 ft	Easting : 2037273.17 ft	Longitude: 108 48 56.000 W
Position Uncertainty: 0.00 ft		

Wellpath: Pilot	Drilled From: Surface		
Current Datum: SITE	Tie-on Depth: 0.00 ft		
Magnetic Data: 8/20/2010	Above System Datum: Mean Sea Level		
Field Strength: 51105 nT	Declination: 10.52 deg		
Vertical Section: Depth From (TVD)	Mag Dip Angle: 63.86 deg		
ft	+N/-S ft	+E/-W ft	Direction deg
0.00	0.00	0.00	270.00

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	270.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3444.00	0.00	270.00	3444.00	0.00	0.00	0.00	0.00	0.00	270.00	
3860.67	12.50	270.00	3857.37	0.00	-45.27	3.00	3.00	0.00	270.00	
8650.84	12.50	270.00	8534.00	0.00	-1082.06	0.00	0.00	0.00	0.00	

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
3400.00	0.00	270.00	3400.00	0.00	0.00	0.00	0.00	1289634.30	2037273.17	
3444.00	0.00	270.00	3444.00	0.00	0.00	0.00	0.00	1289634.30	2037273.17	Kop
3500.00	1.68	270.00	3499.99	0.00	-0.82	0.82	3.00	1289634.32	2037272.34	
3600.00	4.68	270.00	3599.83	0.00	-6.37	6.37	3.00	1289634.52	2037266.80	
3700.00	7.68	270.00	3699.23	0.00	-17.13	17.13	3.00	1289634.90	2037256.04	
3800.00	10.68	270.00	3797.94	0.00	-33.08	33.08	3.00	1289635.47	2037240.10	
3860.67	12.50	270.00	3857.37	0.00	-45.27	45.27	3.00	1289635.90	2037227.92	Hold
3900.00	12.50	270.00	3895.77	0.00	-53.78	53.78	0.00	1289636.20	2037219.41	
4000.00	12.50	270.00	3993.40	0.00	-75.43	75.43	0.00	1289636.97	2037197.78	
4100.00	12.50	270.00	4091.03	0.00	-97.07	97.07	0.00	1289637.74	2037176.15	
4200.00	12.50	270.00	4188.66	0.00	-118.72	118.72	0.00	1289638.51	2037154.52	
4300.00	12.50	270.00	4286.29	0.00	-140.36	140.36	0.00	1289639.28	2037132.89	
4400.00	12.50	270.00	4383.92	0.00	-162.00	162.00	0.00	1289640.04	2037111.26	
4500.00	12.50	270.00	4481.55	0.00	-183.65	183.65	0.00	1289640.81	2037089.63	
4600.00	12.50	270.00	4579.18	0.00	-205.29	205.29	0.00	1289641.58	2037068.00	
4700.00	12.50	270.00	4676.81	0.00	-226.94	226.94	0.00	1289642.35	2037046.37	
4737.07	12.50	270.00	4713.00	0.00	-234.96	234.96	0.00	1289642.63	2037038.35	U. HERMOSA

Company: Kinder Morgan	Date: 9/7/2010	Time: 18:47:51	Page: 2
Field: Montezuma Co., CO (NAD83)	Co-ordinate(NE) Reference: Well: 21, True North		
Site: Goodman Point #21	Vertical (TVD) Reference: SITE 6653.0		
Well: 21	Section (VS) Reference: Well (0.00N,0.00E,270.00Azi)		
Wellpath: Pilot	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
4800.00	12.50	270.00	4774.44	0.00	-248.58	248.58	0.00	1289643.12	2037024.74	
4900.00	12.50	270.00	4872.07	0.00	-270.22	270.22	0.00	1289643.88	2037003.11	
5000.00	12.50	270.00	4969.70	0.00	-291.87	291.87	0.00	1289644.65	2036981.48	
5100.00	12.50	270.00	5067.33	0.00	-313.51	313.51	0.00	1289645.42	2036959.85	
5200.00	12.50	270.00	5164.95	0.00	-335.16	335.16	0.00	1289646.19	2036938.22	
5300.00	12.50	270.00	5262.58	0.00	-356.80	356.80	0.00	1289646.96	2036916.59	
5400.00	12.50	270.00	5360.21	0.00	-378.44	378.44	0.00	1289647.73	2036894.96	
5500.00	12.50	270.00	5457.84	0.00	-400.09	400.09	0.00	1289648.49	2036873.33	
5600.00	12.50	270.00	5555.47	0.00	-421.73	421.73	0.00	1289649.26	2036851.70	
5700.00	12.50	270.00	5653.10	0.00	-443.38	443.38	0.00	1289650.03	2036830.07	
5800.00	12.50	270.00	5750.73	0.00	-465.02	465.02	0.00	1289650.80	2036808.44	
5900.00	12.50	270.00	5848.36	0.00	-486.66	486.66	0.00	1289651.57	2036786.81	
5909.87	12.50	270.00	5858.00	0.00	-488.80	488.80	0.00	1289651.64	2036784.67	PARADOX
6000.00	12.50	270.00	5945.99	0.00	-508.31	508.31	0.00	1289652.33	2036765.18	
6100.00	12.50	270.00	6043.62	0.00	-529.95	529.95	0.00	1289653.10	2036743.55	
6200.00	12.50	270.00	6141.25	0.00	-551.60	551.60	0.00	1289653.87	2036721.92	
6280.66	12.50	270.00	6220.00	0.00	-569.05	569.05	0.00	1289654.49	2036704.47	DESERT CREEK
6300.00	12.50	270.00	6238.88	0.00	-573.24	573.24	0.00	1289654.64	2036700.29	
6400.00	12.50	270.00	6336.51	0.00	-594.88	594.88	0.00	1289655.41	2036678.66	
6468.10	12.50	270.00	6403.00	0.00	-609.62	609.62	0.00	1289655.93	2036663.92	PARADOX SALT
6500.00	12.50	270.00	6434.14	0.00	-616.53	616.53	0.00	1289656.17	2036657.03	
6600.00	12.50	270.00	6531.77	0.00	-638.17	638.17	0.00	1289656.94	2036635.40	
6700.00	12.50	270.00	6629.40	0.00	-659.82	659.82	0.00	1289657.71	2036613.77	
6784.61	12.50	270.00	6712.00	0.00	-678.13	678.13	0.00	1289658.36	2036595.46	KILLER SHALES
6800.00	12.50	270.00	6727.03	0.00	-681.46	681.46	0.00	1289658.48	2036592.13	
6900.00	12.50	270.00	6824.66	0.00	-703.10	703.10	0.00	1289659.25	2036570.50	
7000.00	12.50	270.00	6922.29	0.00	-724.75	724.75	0.00	1289660.01	2036548.87	
7100.00	12.50	270.00	7019.92	0.00	-746.39	746.39	0.00	1289660.78	2036527.24	
7200.00	12.50	270.00	7117.55	0.00	-768.04	768.04	0.00	1289661.55	2036505.61	
7300.00	12.50	270.00	7215.18	0.00	-789.68	789.68	0.00	1289662.32	2036483.98	
7400.00	12.50	270.00	7312.81	0.00	-811.32	811.32	0.00	1289663.09	2036462.35	
7500.00	12.50	270.00	7410.44	0.00	-832.97	832.97	0.00	1289663.86	2036440.72	
7600.00	12.50	270.00	7508.07	0.00	-854.61	854.61	0.00	1289664.62	2036419.09	
7700.00	12.50	270.00	7605.70	0.00	-876.26	876.26	0.00	1289665.39	2036397.46	
7800.00	12.50	270.00	7703.32	0.00	-897.90	897.90	0.00	1289666.16	2036375.83	
7900.00	12.50	270.00	7800.95	0.00	-919.54	919.54	0.00	1289666.93	2036354.20	
8000.00	12.50	270.00	7898.58	0.00	-941.19	941.19	0.00	1289667.70	2036332.57	
8007.60	12.50	270.00	7906.00	0.00	-942.83	942.83	0.00	1289667.75	2036330.93	L.HERMOSA
8100.00	12.50	270.00	7996.21	0.00	-962.83	962.83	0.00	1289668.46	2036310.94	
8105.93	12.50	270.00	8002.00	0.00	-964.11	964.11	0.00	1289668.51	2036309.66	MOLAS
8200.00	12.50	270.00	8093.84	0.00	-984.47	984.47	0.00	1289669.23	2036289.31	
8241.13	12.50	270.00	8134.00	0.00	-993.38	993.38	0.00	1289669.55	2036280.41	LEADVILLE
8266.74	12.50	270.00	8159.00	0.00	-998.92	998.92	0.00	1289669.74	2036274.87	9 5/8"
8300.00	12.50	270.00	8191.47	0.00	-1006.12	1006.12	0.00	1289670.00	2036267.68	
8400.00	12.50	270.00	8289.10	0.00	-1027.76	1027.76	0.00	1289670.77	2036246.05	
8500.00	12.50	270.00	8386.73	0.00	-1049.41	1049.41	0.00	1289671.54	2036224.42	
8600.00	12.50	270.00	8484.36	0.00	-1071.05	1071.05	0.00	1289672.30	2036202.79	
8650.84	12.50	270.00	8534.00	0.00	-1082.06	1082.06	0.00	1289672.69	2036191.79	Pbhl

Company: Kinder Morgan	Date: 9/7/2010	Time: 18:47:51	Page: 3
Field: Montezuma Co., CO (NAD83)	Co-ordinate(NE) Reference: Well: 21, True North		
Site: Goodman Point #21	Vertical (TVD) Reference: SITE 6653.0		
Well: 21	Section (VS) Reference: Well (0.00N,0.00E,270.00Azi)		
Wellpath: Pilot	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Targets

Name	Description Dip. Dir.	TVD	+N/-S	+E/-W	Map Northing	Map Easting	<---- Latitude ---->			<--- Longitude --->		
							Deg	Min	Sec	Deg	Min	Sec

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
3380.00	3380.00	13.375	17.500	13 3/8"
8266.74	8159.00	9.625	12.250	9 5/8"

Annotation

MD ft	TVD ft	
3444.00	3444.00	Kop
3860.67	3857.37	Hold
8650.84	8534.00	Pbhl

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
200.00	200.00	DAKOTA		0.00	0.00
400.00	400.00	MORRISON		0.00	0.00
1000.00	1000.00	SUMMERVILLE		0.00	0.00
1668.00	1668.00	ENTRADA		0.00	0.00
2472.00	2472.00	CHINLE		0.00	0.00
3156.00	3156.00	SHINARUMP		0.00	0.00
3230.00	3230.00	CUTLER		0.00	0.00
4737.07	4713.00	U. HERMOSA		0.00	0.00
5909.87	5858.00	PARADOX		0.00	0.00
6280.66	6220.00	DESERT CREEK		0.00	0.00
6468.10	6403.00	PARADOX SALT		0.00	0.00
6784.61	6712.00	KILLER SHALES		0.00	0.00
8007.60	7906.00	L.HERMOSA		0.00	0.00
8105.93	8002.00	MOLAS		0.00	0.00
8241.13	8134.00	LEADVILLE		0.00	0.00

LATERAL

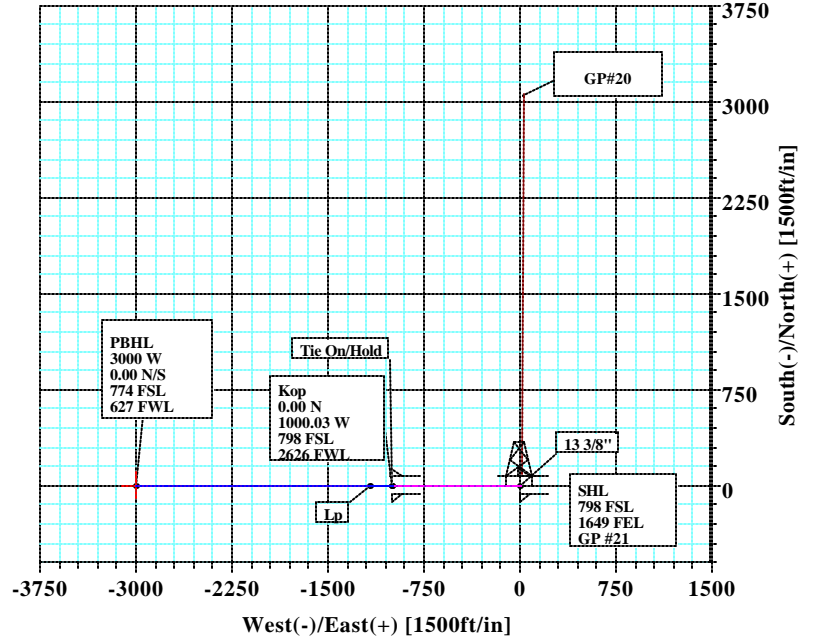
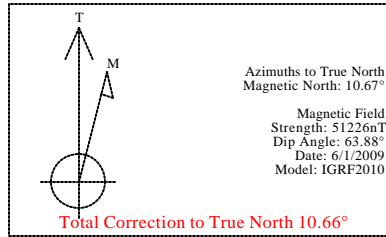
SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	8266.74	12.50	270.00	8159.00	0.00	-998.92	0.00	0.00	998.92	
2	8271.86	12.50	270.00	8164.00	0.00	-1000.03	0.00	0.00	1000.03	
3	8513.54	90.00	270.00	8304.00	0.00	-1174.47	32.07	0.00	1174.47	
4	10339.07	90.00	270.00	8304.00	0.00	-3000.00	0.00	0.00	3000.00	P3

WELL DETAILS							
Name	N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
21	0.00	0.00	1289634.30	2037273.17	37°24'54.610N	108°48'56.000W	N/A

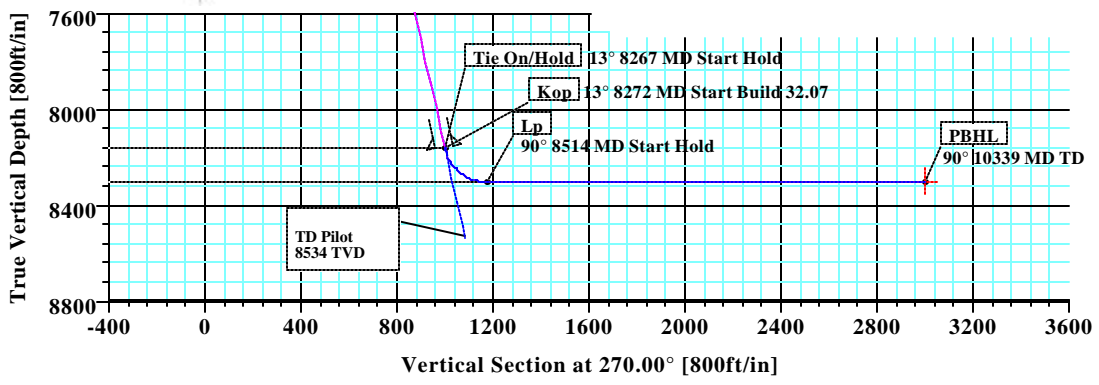
TARGET DETAILS								
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
P3	8304.00	0.00	-3000.00	1289740.76	2034275.05	37°24'54.608N	108°49'33.186W	Point

SITE DETAILS	
Goodman Point #21	
Site Centre Latitude: 37°24'54.610N	
Longitude: 108°48'56.000W	
Ground Level: 6633.00	
Positional Uncertainty: 0.00	
Convergence: -2.03	

CASING DETAILS				
No.	TVD	MD	Name	Size
1	3380.00	3380.00	13 3/8"	13.375
2	8159.00	8266.74	9 5/8"	9.625



KB ELEV: 6653'
GL ELEV: 6633'



FIELD DETAILS	
Montezuma Co., CO (NAD83) Colorado	
Geodetic System: US State Plane Coordinate System 1983	
Ellipsoid: GRS 1980	
Zone: Colorado, Southern Zone	
Magnetic Model: IGRF2010	
System Datum: Mean Sea Level	
Local North: True North	



Company: Kinder Morgan	Date: 9/7/2010	Time: 18:54:43	Page: 1
Field: Montezuma Co., CO (NAD83)	Co-ordinate(NE) Reference: Well: 21, True North		
Site: Goodman Point #21	Vertical (TVD) Reference: SITE 6653.0		
Well: 21	Section (VS) Reference: Well (0.00N,0.00E,270.00Azi)		
Wellpath: Lat	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Plan: Plan #3	Date Composed: 6/1/2009
Principal: Yes	Version: 1
	Tied-to: From: Definitive Path

Field: Montezuma Co., CO (NAD83) Colorado	Map System: US State Plane Coordinate System 1983	Map Zone: Colorado, Southern Zone
	Geo Datum: GRS 1980	Coordinate System: Well Centre
	Sys Datum: Mean Sea Level	Geomagnetic Model: IGRF2010

Site: Goodman Point #21		
Site Position:	Northing: 1289634.30 ft	Latitude: 37 24 54.610 N
From: Geographic	Easting: 2037273.17 ft	Longitude: 108 48 56.000 W
Position Uncertainty: 0.00 ft		North Reference: True
Ground Level: 6633.00 ft		Grid Convergence: -2.03 deg

Well: 21	Slot Name:
Well Position:	Latitude: 37 24 54.610 N
Position Uncertainty: 0.00 ft	Longitude: 108 48 56.000 W
	Well Position: +N/-S 0.00 ft Northing: 1289634.30 ft
	+E/-W 0.00 ft Easting: 2037273.17 ft

Wellpath: Lat	Drilled From: Pilot		
Current Datum: SITE	Tie-on Depth: 8266.74 ft		
Magnetic Data: 6/1/2009	Above System Datum: Mean Sea Level		
Field Strength: 51226 nT	Declination: 10.67 deg		
Vertical Section: Depth From (TVD)	Mag Dip Angle: 63.88 deg		
ft	+N/-S ft	+E/-W ft	Direction deg
0.00	0.00	0.00	270.00

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
8266.74	12.50	270.00	8159.00	0.00	-998.92	0.00	0.00	0.00	0.00	
8271.86	12.50	270.00	8164.00	0.00	-1000.03	0.00	0.00	0.00	0.00	
8513.54	90.00	270.00	8304.00	0.00	-1174.47	32.07	32.07	0.00	0.00	
10339.07	90.00	270.00	8304.00	0.00	-3000.00	0.00	0.00	0.00	0.00	P3

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
8266.74	12.50	270.00	8159.00	0.00	-998.92	998.92	0.00	1289669.74	2036274.87	9 5/8"
8271.86	12.50	270.00	8164.00	0.00	-1000.03	1000.03	0.00	1289669.78	2036273.77	Kop
8300.00	21.52	270.00	8190.88	0.00	-1008.25	1008.25	32.07	1289670.08	2036265.55	
8400.00	53.59	270.00	8269.12	0.00	-1068.42	1068.42	32.07	1289672.21	2036205.42	
8500.00	85.66	270.00	8303.49	0.00	-1160.94	1160.94	32.07	1289675.49	2036112.96	
8513.54	90.00	270.00	8304.00	0.00	-1174.47	1174.47	32.07	1289675.97	2036099.44	Lp
8600.00	90.00	270.00	8304.00	0.00	-1260.93	1260.93	0.00	1289679.04	2036013.03	
8700.00	90.00	270.00	8304.00	0.00	-1360.93	1360.93	0.00	1289682.59	2035913.09	
8800.00	90.00	270.00	8304.00	0.00	-1460.93	1460.93	0.00	1289686.14	2035813.16	
8900.00	90.00	270.00	8304.00	0.00	-1560.93	1560.93	0.00	1289689.69	2035713.22	
9000.00	90.00	270.00	8304.00	0.00	-1660.93	1660.93	0.00	1289693.24	2035613.28	
9100.00	90.00	270.00	8304.00	0.00	-1760.93	1760.93	0.00	1289696.79	2035513.35	
9200.00	90.00	270.00	8304.00	0.00	-1860.93	1860.93	0.00	1289700.33	2035413.41	
9300.00	90.00	270.00	8304.00	0.00	-1960.93	1960.93	0.00	1289703.88	2035313.47	
9400.00	90.00	270.00	8304.00	0.00	-2060.93	2060.93	0.00	1289707.43	2035213.54	
9500.00	90.00	270.00	8304.00	0.00	-2160.93	2160.93	0.00	1289710.98	2035113.60	
9600.00	90.00	270.00	8304.00	0.00	-2260.93	2260.93	0.00	1289714.53	2035013.66	

Company: Kinder Morgan	Date: 9/7/2010	Time: 18:54:43	Page: 2
Field: Montezuma Co., CO (NAD83)	Co-ordinate(NE) Reference: Well: 21, True North		
Site: Goodman Point #21	Vertical (TVD) Reference: SITE 6653.0		
Well: 21	Section (VS) Reference: Well (0.00N,0.00E,270.00Azi)		
Wellpath: Lat	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
9700.00	90.00	270.00	8304.00	0.00	-2360.93	2360.93	0.00	1289718.08	2034913.72	
9800.00	90.00	270.00	8304.00	0.00	-2460.93	2460.93	0.00	1289721.63	2034813.79	
9900.00	90.00	270.00	8304.00	0.00	-2560.93	2560.93	0.00	1289725.18	2034713.85	
10000.00	90.00	270.00	8304.00	0.00	-2660.93	2660.93	0.00	1289728.72	2034613.91	
10100.00	90.00	270.00	8304.00	0.00	-2760.93	2760.93	0.00	1289732.27	2034513.98	
10200.00	90.00	270.00	8304.00	0.00	-2860.93	2860.93	0.00	1289735.82	2034414.04	
10300.00	90.00	270.00	8304.00	0.00	-2960.93	2960.93	0.00	1289739.37	2034314.10	
10339.07	90.00	270.00	8304.00	0.00	-3000.00	3000.00	0.00	1289740.76	2034275.05	P3

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<---- Latitude ----> Deg Min Sec	<--- Longitude ---> Deg Min Sec
P3			8304.00	0.00	-3000.00	1289740.76	2034275.05	37 24 54.608 N	108 49 33.186 W

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
3380.00	3380.00	13.375	17.500	13 3/8"
8266.74	8159.00	9.625	12.250	9 5/8"

Annotation

MD ft	TVD ft	
8266.74	8159.00	Tie On/Hold
8271.86	8164.00	Kop
8513.54	8304.00	Lp
10339.07	8304.00	PBHL

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
	0.00	DAKOTA		0.00	0.00
	0.00	MORRISON		0.00	0.00
	0.00	SUMMERVILLE		0.00	0.00
	0.00	ENTRADA		0.00	0.00
	0.00	CHINLE		0.00	0.00
	0.00	SHINARUMP		0.00	0.00
	0.00	CUTLER		0.00	0.00
	0.00	U. HERMOSA		0.00	0.00
	0.00	PARADOX		0.00	0.00
	0.00	DESERT CREEK		0.00	0.00
	0.00	PARADOX		0.00	0.00
	0.00	KILLER SHALES		0.00	0.00
	0.00	L.HERMOSA		0.00	0.00
	0.00	MOLAS		0.00	0.00
	0.00	LEADVILLE		0.00	0.00