



**Weatherford®**

## **Drilling Services**

---

## **Proposal**

---



GOODMAN POINT #25

MONTEZUMA CO, COLORADO

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

JANUARY 18, 2011

---

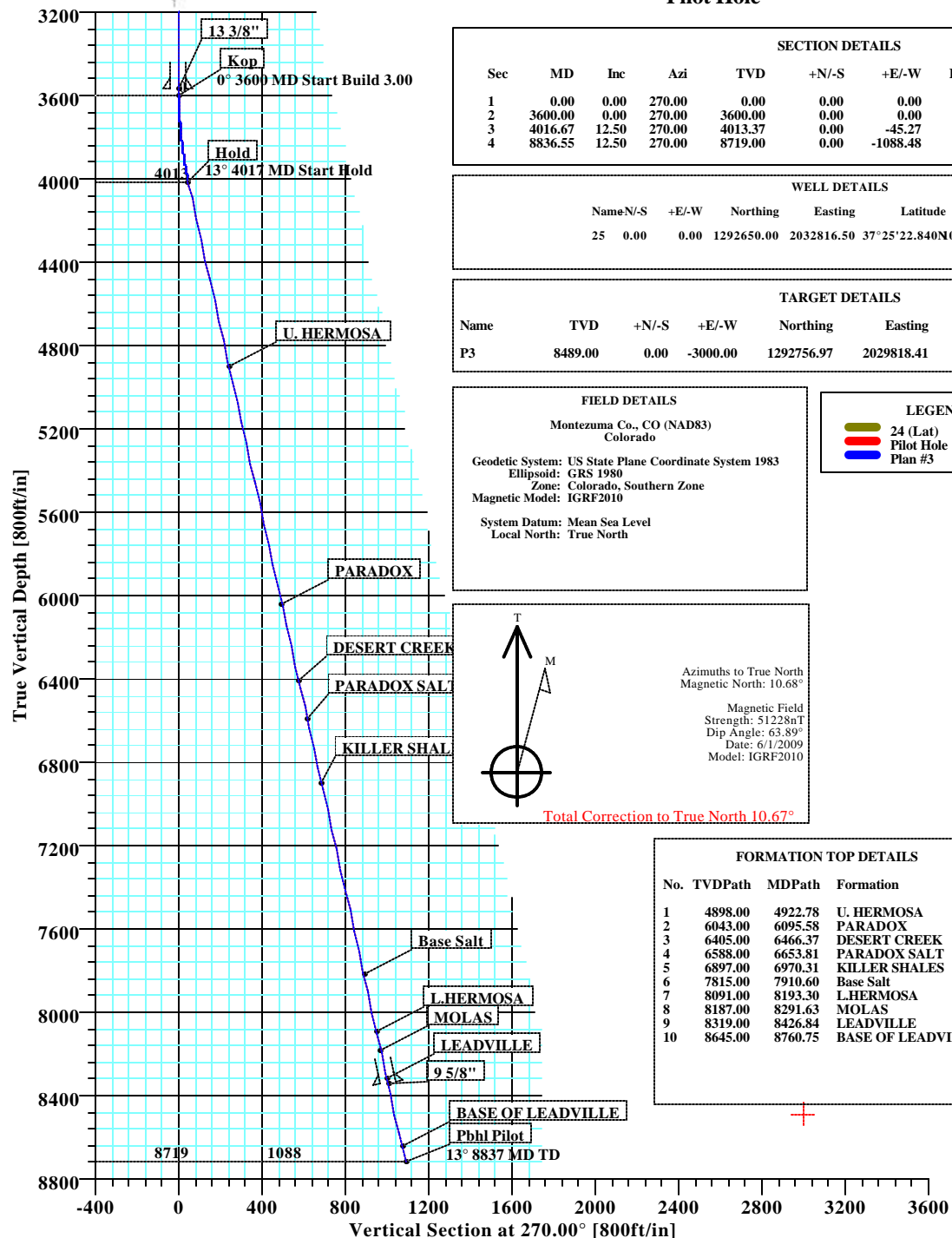
**Weatherford International, Ltd.**

P.O. Box 61028  
Midland, TX 79711 USA  
+1.432.561.8892 Main  
+1.432.561.8895 Fax  
[www.weatherford.com](http://www.weatherford.com)



KB ELEV: 6586'  
GL ELEV: 6566'

# GOODMAN POINT #25 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	3600.00	0.00	270.00	3600.00	0.00	0.00	0.00	270.00	0.00	
3	4016.67	12.50	270.00	4013.37	0.00	-45.27	3.00	270.00	45.27	
4	8836.55	12.50	270.00	8719.00	0.00	-1088.48	0.00	0.00	1088.48	

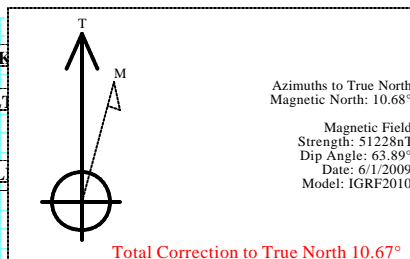
WELL DETAILS							
Name	N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
25	0.00	0.00	1292650.00	2032816.50	37°25'22.840N	108°49'52.540W	N/A

TARGET DETAILS								
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
P3	8489.00	0.00	-3000.00	1292756.97	2029818.41	37°25'22.838N	108°50'29.730W	Point

**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



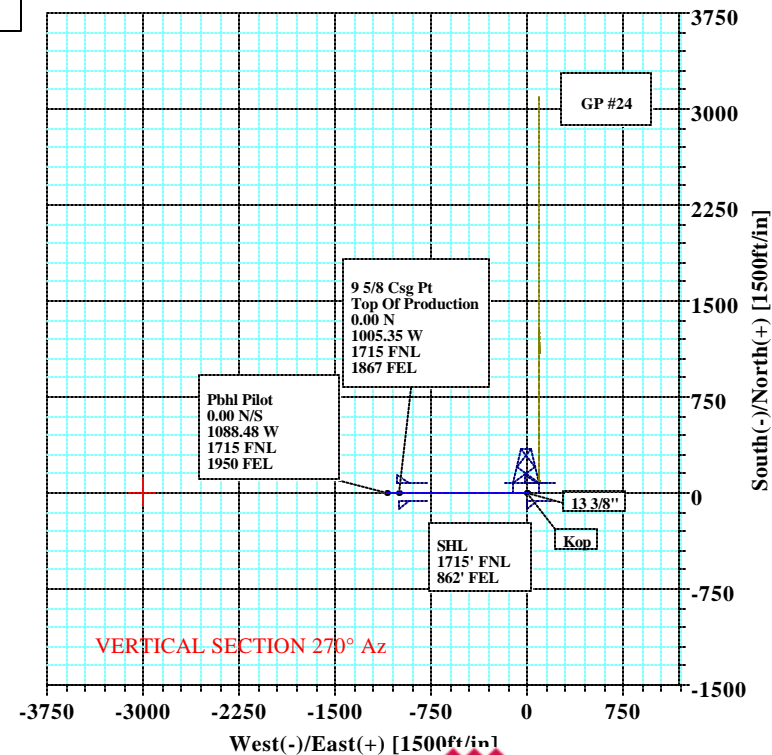
FORMATION TOP DETAILS			
No.	TVDPath	MDPath	Formation
1	4898.00	4922.78	U. HERMOSA
2	6043.00	6095.58	PARADOX
3	6405.00	6466.37	DESERT CREEK
4	6588.00	6653.81	PARADOX SALT
5	6897.00	6970.31	KILLER SHALES
6	7815.00	7910.60	Base Salt
7	8091.00	8193.30	L.HERMOSA
8	8187.00	8291.63	MOLAS
9	8319.00	8426.84	LEADVILLE
10	8645.00	8760.75	BASE OF LEADVILLE

CASING DETAILS				
No.	TVD	MD	Name	Size
1	3565.00	3565.00	13 3/8"	13.375
2	8344.00	8452.44	9 5/8"	9.625

**SITE DETAILS**  
Goodman Point #25  
1715' FNL & 862' FEL

Site Centre Latitude: 37°25'22.840N  
Longitude: 108°49'52.540W

Ground Level: 6566.00  
Positional Uncertainty: 0.00  
Convergence: -2.04



<b>Company:</b> Kinder Morgan	<b>Date:</b> 1/18/2011	<b>Time:</b> 15:28:39	<b>Page:</b> 1
<b>Field:</b> Montezuma Co., CO (NAD83)	<b>Co-ordinate(NE) Reference:</b> Well: 25, True North		
<b>Site:</b> Goodman Point #25	<b>Vertical (TVD) Reference:</b> SITE 6586.0		
<b>Well:</b> 25	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,270.00Azi)		
<b>Wellpath:</b> Pilot Hole	<b>Survey Calculation Method:</b> Minimum Curvature	<b>Db:</b> Sybase	

<b>Plan:</b> Plan #3	<b>Date Composed:</b> 3/11/2009
<b>Principal:</b> Yes	<b>Version:</b> 1
	<b>Tied-to:</b> From Surface

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

<b>Site:</b> Goodman Point #25	
1715' FNL & 862' FEL	
<b>Site Position:</b>	<b>Northing:</b> 1292650.00 ft
<b>From:</b> Geographic	<b>Easting:</b> 2032816.50 ft
<b>Position Uncertainty:</b> 0.00 ft	<b>Latitude:</b> 37 25 22.840 N
<b>Ground Level:</b> 6566.00 ft	<b>Longitude:</b> 108 49 52.540 W
	<b>North Reference:</b> True
	<b>Grid Convergence:</b> -2.04 deg

<b>Well:</b> 25	<b>Slot Name:</b>
<b>Well Position:</b> +N/-S 0.00 ft	<b>Latitude:</b> 37 25 22.840 N
+E/-W 0.00 ft	<b>Longitude:</b> 108 49 52.540 W
<b>Position Uncertainty:</b> 0.00 ft	

<b>Wellpath:</b> Pilot Hole	<b>Drilled From:</b> Surface
<b>Current Datum:</b> SITE	<b>Tie-on Depth:</b> 0.00 ft
<b>Magnetic Data:</b> 6/1/2009	<b>Above System Datum:</b> Mean Sea Level
<b>Field Strength:</b> 51228 nT	<b>Declination:</b> 10.68 deg
<b>Vertical Section:</b> Depth From (TVD)	<b>Mag Dip Angle:</b> 63.89 deg
ft	<b>+N/-S</b>
	<b>+E/-W</b>
	<b>Direction</b>
	deg
0.00	0.00
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	
3600.00	0.00	270.00	3600.00	0.00	0.00	0.00	0.00	0.00	270.00	
4016.67	12.50	270.00	4013.37	0.00	-45.27	3.00	3.00	0.00	270.00	
8836.55	12.50	270.00	8719.00	0.00	-1088.48	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	1292650.00	2032816.50	
3500.00	0.00	270.00	3500.00	0.00	0.00	0.00	0.00	1292650.00	2032816.50	
3565.00	0.00	270.00	3565.00	0.00	0.00	0.00	0.00	1292650.00	2032816.50	
3600.00	0.00	270.00	3600.00	0.00	0.00	0.00	0.00	1292650.00	2032816.50	
3700.00	3.00	270.00	3699.95	0.00	-2.62	2.62	3.00	1292650.10	2032813.88	13 3/8" Kop
3800.00	6.00	270.00	3799.63	0.00	-10.46	10.46	3.00	1292650.38	2032806.04	
3900.00	9.00	270.00	3898.77	0.00	-23.51	23.51	3.00	1292650.84	2032793.00	
4000.00	12.00	270.00	3997.08	0.00	-41.74	41.74	3.00	1292651.49	2032774.79	
4016.67	12.50	270.00	4013.37	0.00	-45.27	45.27	3.00	1292651.62	2032771.26	Hold
4100.00	12.50	270.00	4094.73	0.00	-63.31	63.31	0.00	1292652.26	2032753.23	
4200.00	12.50	270.00	4192.36	0.00	-84.95	84.95	0.00	1292653.03	2032731.60	
4300.00	12.50	270.00	4289.99	0.00	-106.60	106.60	0.00	1292653.80	2032709.97	
4400.00	12.50	270.00	4387.62	0.00	-128.24	128.24	0.00	1292654.58	2032688.34	
4500.00	12.50	270.00	4485.25	0.00	-149.88	149.88	0.00	1292655.35	2032666.71	
4600.00	12.50	270.00	4582.88	0.00	-171.53	171.53	0.00	1292656.12	2032645.08	
4700.00	12.50	270.00	4680.50	0.00	-193.17	193.17	0.00	1292656.89	2032623.45	
4800.00	12.50	270.00	4778.13	0.00	-214.82	214.82	0.00	1292657.66	2032601.82	

**Company:** Kinder Morgan  
**Field:** Montezuma Co., CO (NAD83)  
**Site:** Goodman Point #25  
**Well:** 25  
**Wellpath:** Pilot Hole

<b>Date:</b> 1/18/2011	<b>Time:</b> 15:28:39	<b>Page:</b> 2
<b>Co-ordinate(NE) Reference:</b>	Well: 25, True North	
<b>Vertical (TVD) Reference:</b>	SITE 6586.0	
<b>Section (VS) Reference:</b>	Well (0.00N,0.00E,270.00Azi)	
<b>Survey Calculation Method:</b>	Minimum Curvature	<b>Db:</b> 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
4900.00	12.50	270.00	4875.76	0.00	-236.46	236.46	0.00	1292658.43	2032580.19	U. HERMOSA
4922.78	12.50	270.00	4898.00	0.00	-241.39	241.39	0.00	1292658.61	2032575.26	
5000.00	12.50	270.00	4973.39	0.00	-258.10	258.10	0.00	1292659.21	2032558.56	
5100.00	12.50	270.00	5071.02	0.00	-279.75	279.75	0.00	1292659.98	2032536.93	
5200.00	12.50	270.00	5168.65	0.00	-301.39	301.39	0.00	1292660.75	2032515.30	
5300.00	12.50	270.00	5266.28	0.00	-323.04	323.04	0.00	1292661.52	2032493.67	
5400.00	12.50	270.00	5363.91	0.00	-344.68	344.68	0.00	1292662.29	2032472.04	
5500.00	12.50	270.00	5461.54	0.00	-366.32	366.32	0.00	1292663.06	2032450.41	
5600.00	12.50	270.00	5559.17	0.00	-387.97	387.97	0.00	1292663.84	2032428.78	PARADOX
5700.00	12.50	270.00	5656.80	0.00	-409.61	409.61	0.00	1292664.61	2032407.15	
5800.00	12.50	270.00	5754.43	0.00	-431.26	431.26	0.00	1292665.38	2032385.52	
5900.00	12.50	270.00	5852.06	0.00	-452.90	452.90	0.00	1292666.15	2032363.89	
6000.00	12.50	270.00	5949.69	0.00	-474.54	474.54	0.00	1292666.92	2032342.26	
6095.58	12.50	270.00	6043.00	0.00	-495.23	495.23	0.00	1292667.66	2032321.59	
6100.00	12.50	270.00	6047.32	0.00	-496.19	496.19	0.00	1292667.70	2032320.63	
6200.00	12.50	270.00	6144.95	0.00	-517.83	517.83	0.00	1292668.47	2032299.00	
6300.00	12.50	270.00	6242.58	0.00	-539.48	539.48	0.00	1292669.24	2032277.37	DESERT CREEK
6400.00	12.50	270.00	6340.21	0.00	-561.12	561.12	0.00	1292670.01	2032255.74	
6466.37	12.50	270.00	6405.00	0.00	-575.48	575.48	0.00	1292670.52	2032241.38	
6500.00	12.50	270.00	6437.84	0.00	-582.76	582.76	0.00	1292670.78	2032234.11	
6600.00	12.50	270.00	6535.47	0.00	-604.41	604.41	0.00	1292671.55	2032212.48	
6653.81	12.50	270.00	6588.00	0.00	-616.05	616.05	0.00	1292671.97	2032200.84	
6700.00	12.50	270.00	6633.10	0.00	-626.05	626.05	0.00	1292672.33	2032190.85	
6800.00	12.50	270.00	6730.73	0.00	-647.69	647.69	0.00	1292673.10	2032169.22	
6900.00	12.50	270.00	6828.36	0.00	-669.34	669.34	0.00	1292673.87	2032147.59	KILLER SHALES
6970.31	12.50	270.00	6897.00	0.00	-684.56	684.56	0.00	1292674.41	2032132.38	
7000.00	12.50	270.00	6925.99	0.00	-690.98	690.98	0.00	1292674.64	2032125.96	
7100.00	12.50	270.00	7023.62	0.00	-712.63	712.63	0.00	1292675.41	2032104.33	
7200.00	12.50	270.00	7121.24	0.00	-734.27	734.27	0.00	1292676.18	2032082.70	
7300.00	12.50	270.00	7218.87	0.00	-755.91	755.91	0.00	1292676.96	2032061.07	
7400.00	12.50	270.00	7316.50	0.00	-777.56	777.56	0.00	1292677.73	2032039.44	
7500.00	12.50	270.00	7414.13	0.00	-799.20	799.20	0.00	1292678.50	2032017.81	
7600.00	12.50	270.00	7511.76	0.00	-820.85	820.85	0.00	1292679.27	2031996.18	Base Salt
7700.00	12.50	270.00	7609.39	0.00	-842.49	842.49	0.00	1292680.04	2031974.55	
7800.00	12.50	270.00	7707.02	0.00	-864.13	864.13	0.00	1292680.81	2031952.92	
7900.00	12.50	270.00	7804.65	0.00	-885.78	885.78	0.00	1292681.59	2031931.29	
7910.60	12.50	270.00	7815.00	0.00	-888.07	888.07	0.00	1292681.67	2031928.99	
8000.00	12.50	270.00	7902.28	0.00	-907.42	907.42	0.00	1292682.36	2031909.66	
8100.00	12.50	270.00	7999.91	0.00	-929.07	929.07	0.00	1292683.13	2031888.03	
8193.30	12.50	270.00	8091.00	0.00	-949.26	949.26	0.00	1292683.85	2031867.84	
8200.00	12.50	270.00	8097.54	0.00	-950.71	950.71	0.00	1292683.90	2031866.39	L.HERMOSA
8291.63	12.50	270.00	8187.00	0.00	-970.54	970.54	0.00	1292684.61	2031846.57	
8300.00	12.50	270.00	8195.17	0.00	-972.35	972.35	0.00	1292684.67	2031844.76	MOLAS
8400.00	12.50	270.00	8292.80	0.00	-994.00	994.00	0.00	1292685.44	2031823.13	LEADVILLE 9 5/8"
8426.84	12.50	270.00	8319.00	0.00	-999.81	999.81	0.00	1292685.65	2031817.33	
8452.44	12.50	270.00	8344.00	0.00	-1005.35	1005.35	0.00	1292685.85	2031811.79	
8500.00	12.50	270.00	8390.43	0.00	-1015.64	1015.64	0.00	1292686.22	2031801.50	
8600.00	12.50	270.00	8488.06	0.00	-1037.29	1037.29	0.00	1292686.99	2031779.87	
8600.96	12.50	270.00	8489.00	0.00	-1037.49	1037.49	0.00	1292687.00	2031779.67	P3
8700.00	12.50	270.00	8585.69	0.00	-1058.93	1058.93	0.00	1292687.76	2031758.24	BASE OF LEADVILLE
8760.75	12.50	270.00	8645.00	0.00	-1072.08	1072.08	0.00	1292688.23	2031745.10	
8800.00	12.50	270.00	8683.32	0.00	-1080.57	1080.57	0.00	1292688.53	2031736.61	
8836.55	12.50	270.00	8719.00	0.00	-1088.48	1088.48	0.00	1292688.81	2031728.71	
									Pbhl Pilot	

<b>Company:</b> Kinder Morgan <b>Field:</b> Montezuma Co., CO (NAD83) <b>Site:</b> Goodman Point #25 <b>Well:</b> 25 <b>Wellpath:</b> Pilot Hole	<b>Date:</b> 1/18/2011 <b>Co-ordinate(NE) Reference:</b> Well: 25, True North <b>Vertical (TVD) Reference:</b> SITE 6586.0 <b>Section (VS) Reference:</b> Well (0.00N,0.00E,270.00Azi) <b>Survey Calculation Method:</b> Minimum Curvature <b>Db:</b> 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

**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			8489.00	0.00	-3000.00	1292756.97	2029818.41	37	25	22.838 N	108	50	29.730 W
-Plan out by 1962.51 at			8489.00	0.00	-1037.49	1292687.00	2031779.67	37	25	22.840 N	108	50	5.402 W

**Casing Points**

MD ft	TVD ft	Diameter in	Hole Size in	Name
3565.00	3565.00	13.375	17.500	13 3/8"
8452.44	8344.00	9.625	12.250	9 5/8"

**Annotation**

MD ft	TVD ft	
3600.00	3600.00	Kop
4016.67	4013.37	Hold
8836.55	8719.00	Pbhl Pilot

**Formations**

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
4922.78	4898.00	U. HERMOSA		0.00	0.00
6095.58	6043.00	PARADOX		0.00	0.00
6466.37	6405.00	DESERT CREEK		0.00	0.00
6653.81	6588.00	PARADOX SALT		0.00	0.00
6970.31	6897.00	KILLER SHALES		0.00	0.00
7910.60	7815.00	Base Salt		0.00	0.00
8193.30	8091.00	L.HERMOSA		0.00	0.00
8291.63	8187.00	MOLAS		0.00	0.00
8426.84	8319.00	LEADVILLE		0.00	0.00
8760.75	8645.00	BASE OF LEADVILLE		0.00	0.00

**GOODMAN POINT #25**  
**MONTEZUMA CO., COLORADO**  
**Lateral**



SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	8452.44	12.50	270.00	8344.00	0.00	-1005.35	0.00	0.00	1005.35	
2	8457.56	12.50	270.00	8349.00	0.00	-1006.46	0.00	0.00	1006.46	
3	8699.24	90.00	270.00	8489.00	0.00	-1180.90	32.07	0.00	1180.90	
4	10518.35	90.00	270.00	8489.00	0.00	-3000.00	0.00	0.00	3000.00	P3

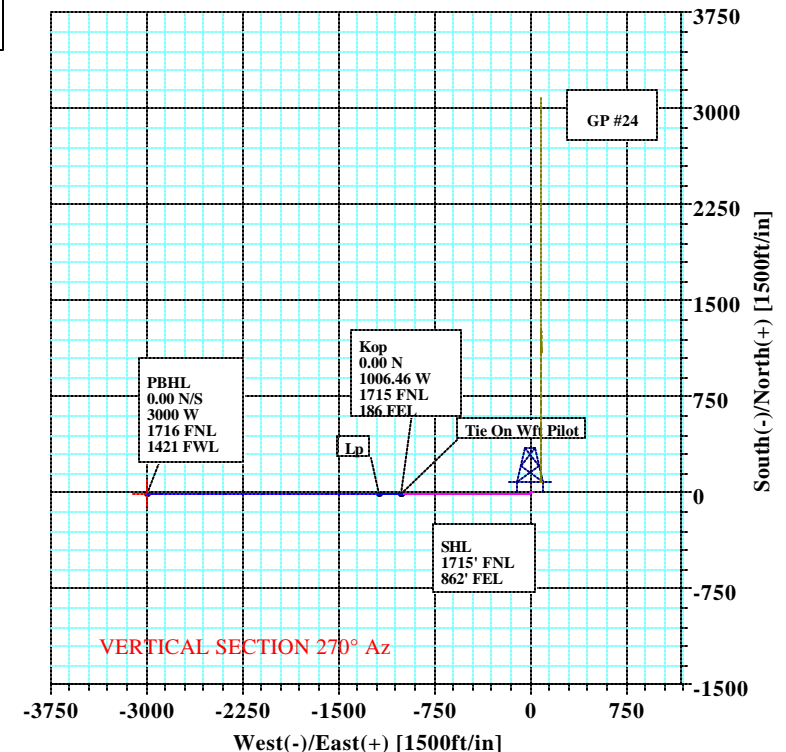
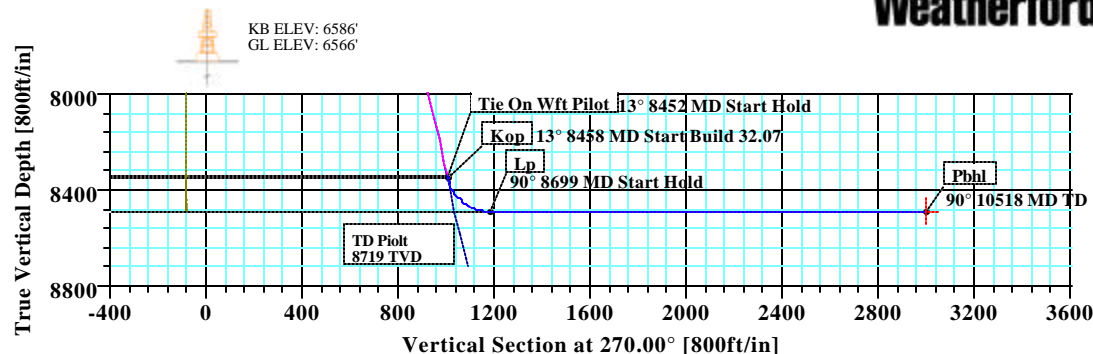
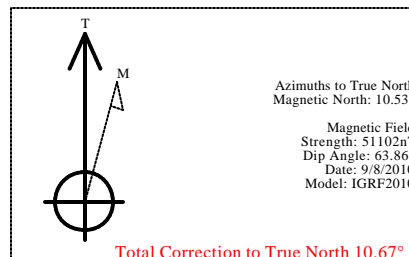
WELL DETAILS							
Name	N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
25	0.00	0.00	1292650.00	2032816.50	37°25'22.840N	108°49'52.540W	N/A

TARGET DETAILS								
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
P3	8489.00	0.00	-3000.00	1292756.97	2029818.41	37°25'22.838N	108°50'29.730W	Point

SITE DETAILS	
Goodman Point #25	
1715' FNL & 862' FEL	
Site Centre Latitude: 37°25'22.840N	
Longitude: 108°49'52.540W	
Ground Level: 6566.00	
Positional Uncertainty: 0.00	
Convergence: -2.04	

**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

LEGEND	
<span style="color: blue;">—</span>	24 (Lat)
<span style="color: red;">—</span>	25 (Pilot Hole)
<span style="color: green;">—</span>	Lat
<span style="color: blue;">—</span>	Plan #3



Plan: Plan #3 (25/Lat)  
Created By: Russell W. Joyner  
Date: 9/8/2010

<b>Company:</b> Kinder Morgan	<b>Date:</b> 9/8/2010	<b>Time:</b> 13:04:09	<b>Page:</b> 1
<b>Field:</b> Montezuma Co., CO (NAD83)	<b>Co-ordinate(NE) Reference:</b> Well: 25, True North		
<b>Site:</b> Goodman Point #25	<b>Vertical (TVD) Reference:</b> SITE 6586.0		
<b>Well:</b> 25	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,270.00Azi)		
<b>Wellpath:</b> Lat	<b>Survey Calculation Method:</b> Minimum Curvature	<b>Db:</b> Sybase	

<b>Plan:</b> Plan #3	<b>Date Composed:</b> 9/8/2010
<b>Principal:</b> Yes	<b>Version:</b> 1
	<b>Tied-to:</b> From: Definitive Path

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

<b>Site:</b> Goodman Point #25	
1715' FNL & 862' FEL	
<b>Site Position:</b>	<b>Northing:</b> 1292650.00 ft
<b>From:</b> Geographic	<b>Easting:</b> 2032816.50 ft
<b>Position Uncertainty:</b> 0.00 ft	<b>Latitude:</b> 37 25 22.840 N
<b>Ground Level:</b> 6566.00 ft	<b>Longitude:</b> 108 49 52.540 W
	<b>North Reference:</b> True
	<b>Grid Convergence:</b> -2.04 deg

<b>Well:</b> 25	<b>Slot Name:</b>
<b>Well Position:</b> +N/-S 0.00 ft	<b>Latitude:</b> 37 25 22.840 N
+E/-W 0.00 ft	<b>Longitude:</b> 108 49 52.540 W
<b>Position Uncertainty:</b> 0.00 ft	

<b>Wellpath:</b> Lat	<b>Drilled From:</b> Pilot Hole
<b>Current Datum:</b> SITE	<b>Tie-on Depth:</b> 8452.44 ft
<b>Magnetic Data:</b> 9/8/2010	<b>Above System Datum:</b> Mean Sea Level
<b>Field Strength:</b> 51102 nT	<b>Declination:</b> 10.53 deg
<b>Vertical Section:</b> Depth From (TVD)	<b>Mag Dip Angle:</b> 63.86 deg
ft	<b>+E/-W</b>
	<b>Direction</b>
	deg
0.00	0.00
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
8452.44	12.50	270.00	8344.00	0.00	-1005.35	0.00	0.00	0.00	0.00	
8457.56	12.50	270.00	8349.00	0.00	-1006.46	0.00	0.00	0.00	0.00	
8699.24	90.00	270.00	8489.00	0.00	-1180.90	32.07	32.07	0.00	0.00	
10518.35	90.00	270.00	8489.00	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
8452.44	12.50	270.00	8344.00	0.00	-1005.35	1005.35	0.00	1292685.85	2031811.79	Tie On Wft Pilot
8457.56	12.50	270.00	8349.00	0.00	-1006.46	1006.46	0.00	1292685.89	2031810.68	Kop
8496.00	24.83	270.00	8385.34	0.00	-1018.73	1018.73	32.07	1292686.33	2031798.41	
8596.00	56.89	270.00	8459.99	0.00	-1083.30	1083.30	32.07	1292688.63	2031733.89	
8696.00	88.96	270.00	8488.97	0.00	-1177.65	1177.65	32.07	1292691.99	2031639.60	
8699.24	90.00	270.00	8489.00	0.00	-1180.90	1180.90	32.07	1292692.11	2031636.35	Lp
8796.00	90.00	270.00	8489.00	0.00	-1277.65	1277.65	0.00	1292695.56	2031539.66	
8896.00	90.00	270.00	8489.00	0.00	-1377.65	1377.65	0.00	1292699.12	2031439.72	
8996.00	90.00	270.00	8489.00	0.00	-1477.65	1477.65	0.00	1292702.69	2031339.79	
9096.00	90.00	270.00	8489.00	0.00	-1577.65	1577.65	0.00	1292706.25	2031239.85	
9196.00	90.00	270.00	8489.00	0.00	-1677.65	1677.65	0.00	1292709.82	2031139.91	
9296.00	90.00	270.00	8489.00	0.00	-1777.65	1777.65	0.00	1292713.39	2031039.98	
9396.00	90.00	270.00	8489.00	0.00	-1877.65	1877.65	0.00	1292716.95	2030940.04	
9496.00	90.00	270.00	8489.00	0.00	-1977.65	1977.65	0.00	1292720.52	2030840.10	
9596.00	90.00	270.00	8489.00	0.00	-2077.65	2077.65	0.00	1292724.08	2030740.17	
9696.00	90.00	270.00	8489.00	0.00	-2177.65	2177.65	0.00	1292727.65	2030640.23	
9796.00	90.00	270.00	8489.00	0.00	-2277.65	2277.65	0.00	1292731.21	2030540.29	



<b>Company:</b> Kinder Morgan <b>Field:</b> Montezuma Co., CO (NAD83) <b>Site:</b> Goodman Point #25 <b>Well:</b> 25 <b>Wellpath:</b> Lat	<b>Date:</b> 9/8/2010 <b>Co-ordinate(NE) Reference:</b> Well: 25, True North <b>Vertical (TVD) Reference:</b> SITE 6586.0 <b>Section (VS) Reference:</b> Well (0.00N,0.00E,270.00Azi) <b>Survey Calculation Method:</b> Minimum Curvature	<b>Page:</b> 2          <b>Db:</b> 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
9896.00	90.00	270.00	8489.00	0.00	-2377.65	2377.65	0.00	1292734.78	2030440.36	
9996.00	90.00	270.00	8489.00	0.00	-2477.65	2477.65	0.00	1292738.34	2030340.42	
10096.00	90.00	270.00	8489.00	0.00	-2577.65	2577.65	0.00	1292741.91	2030240.49	
10196.00	90.00	270.00	8489.00	0.00	-2677.65	2677.65	0.00	1292745.48	2030140.55	
10296.00	90.00	270.00	8489.00	0.00	-2777.65	2777.65	0.00	1292749.04	2030040.61	
10396.00	90.00	270.00	8489.00	0.00	-2877.65	2877.65	0.00	1292752.61	2029940.68	
10496.00	90.00	270.00	8489.00	0.00	-2977.65	2977.65	0.00	1292756.17	2029840.74	
10518.35	90.00	270.00	8489.00	0.00	-3000.00	3000.00	0.00	1292756.97	2029818.41	P3

**Targets**

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<---- Latitude ---->			<--- Longitude --->		
P3			8489.00	0.00	-3000.00	1292756.97	2029818.41	37	25	22.838 N	108	50	29.730 W

**Casing Points**

MD	TVD	Diameter	Hole Size	Name

**Annotation**

MD ft	TVD ft	
8452.44	8344.00	Tie On Wft Pilot
8457.56	8349.00	Kop
8699.24	8489.00	Lp
10518.34	8489.00	Pbhl

**Formations**

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction