

Bass

Sec 35 T1N R98W

YCF 35-12-1 Pad

YCF 35-12-3533 - Slot B2

Wellbore #1

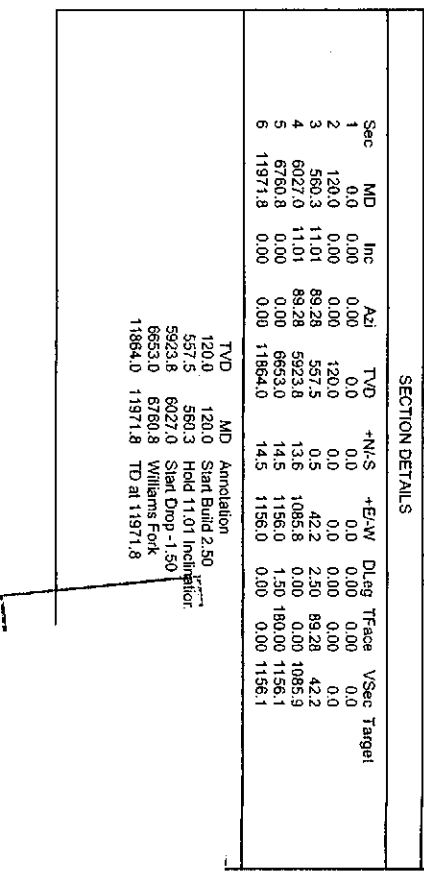
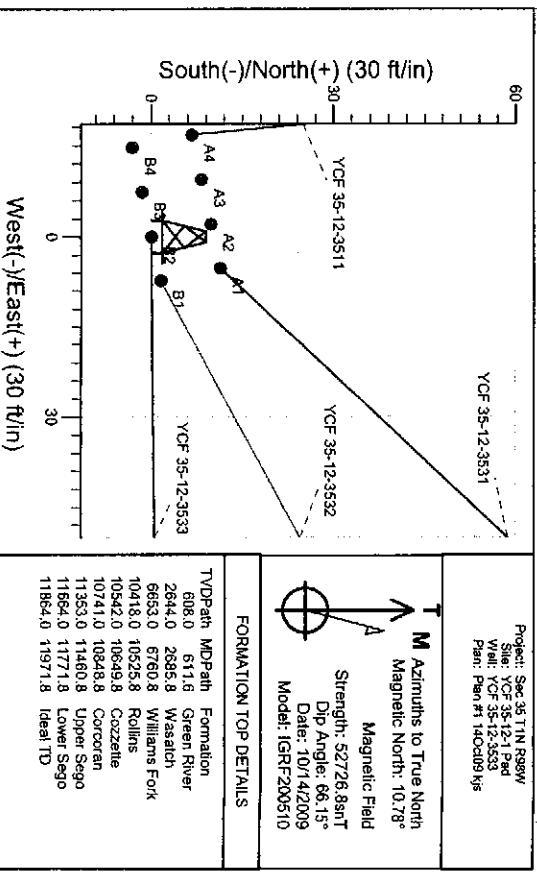
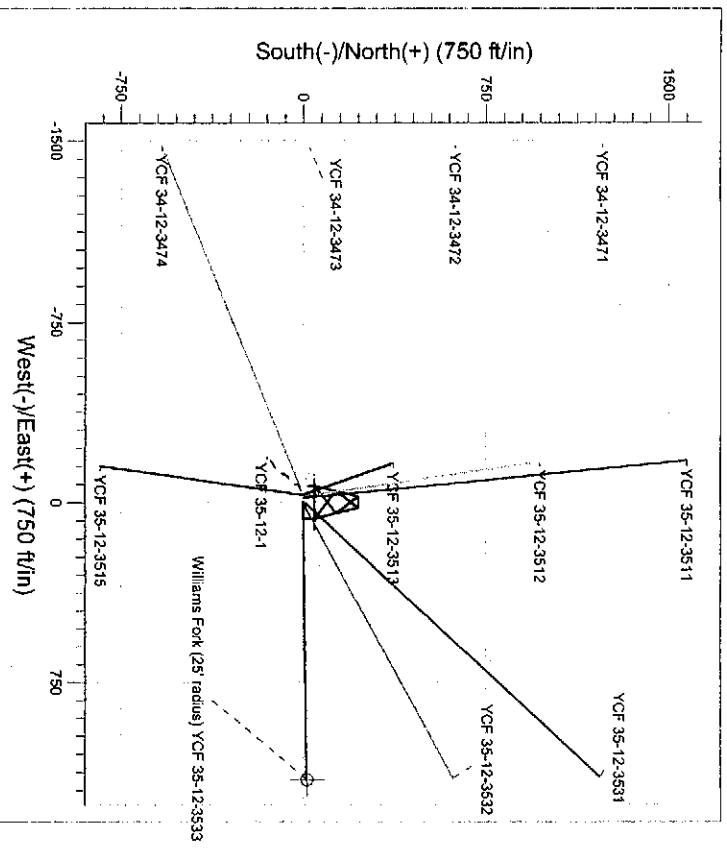
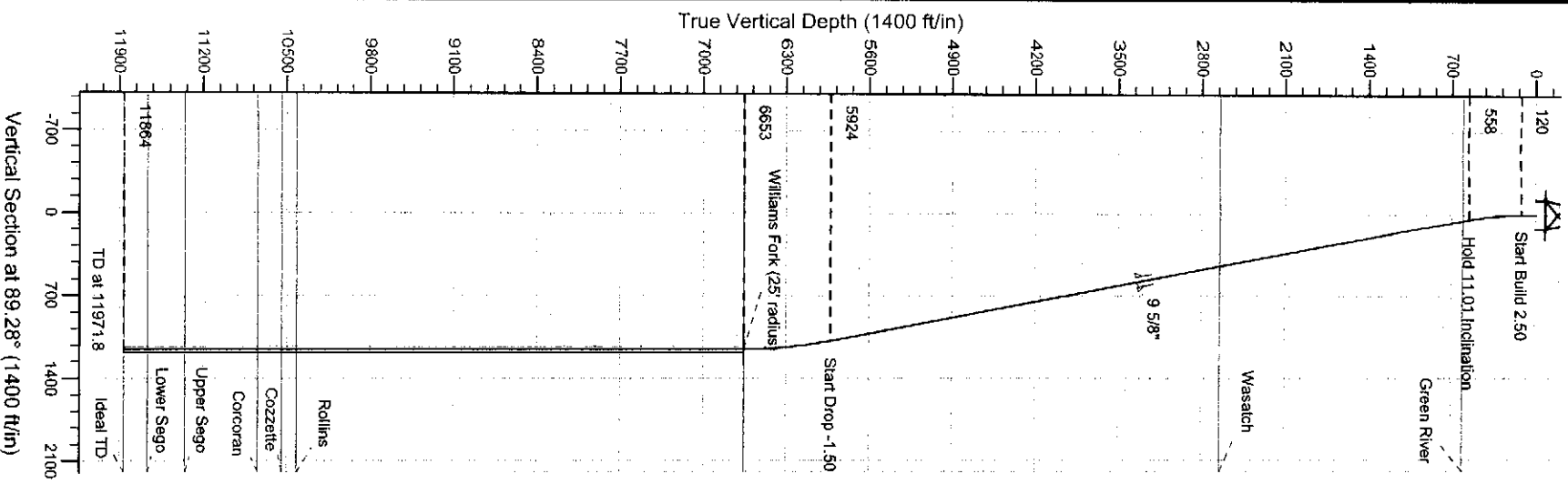
Plan: Plan #1 14Oct09 kjs

Standard Planning Report - Geographic

29 October, 2009



Well Name: YCF 35-12-3533
Surface Location: YCF 35-12-1 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone
Ground Elevation: 6339.0
+N/-S+E/-W Northing Easting Latitude Longitude Slot
0.0 0.012608566.61 2197527.98 40° 0' 49.838 N 108° 21' 55.730 W B2



New Tech

Planning Report - Geographic

Database: EDM 2003.16 Single User Db
 Company: Bass
 Project: Sec 35 T1N R98W
 Site: YCF 35-12-1 Pad
 Well: YCF 35-12-3533
 Wellbore: Wellbore #1
 Design: Plan #1 14Oct09 Kjs

Local Co-ordinate Reference: Well YCF 35-12-3533 - Slot B2
 TVD Reference: WELL @ 6359.0ft (Original Well Elev)
 MID Reference: WELL @ 6359.0ft (Original Well Elev)
 North Reference: True
 Survey Calculation Method: Minimum Curvature

Project	Sec 35 T1N R98W, Rio Blanco County, CO		System Datum:	Mean Sea Level
Map System:	US State Plane 1983			
Geo Datum:	North American Datum 1983			
Map Zone:	Colorado Northern Zone			

Site	YCF 35-12-1 Pad		Northing:	1,260,847.40 ft	Latitude:	40° 0' 49.730 N
Site Position:	Lat/Long	Easting:	2,197,476.30 ft	Longitude:	108° 21' 56.390 W	
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	-1.85 °	

Well	YCF 35-12-3533 - Slot B2		Well Position	+N-S	0.0 ft	Northing:	1,260,856.61 ft	Latitude:	40° 0' 49.838 N
				+E-W	0.0 ft	Easting:	2,197,527.98 ft	Longitude:	108° 21' 55.730 W
Position Uncertainty					0.0 ft	Wellhead Elevation:	ft	Ground Level:	6,339.0ft

Wellbore	Wellbore #1		Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
				IGRF200510	10/14/2009	10.79	66.15	52.727

Design	Plan #1 14Oct09 Kjs		Audit Notes:		Phase:	PLAN	Tie On Depth:	0.0
Version:								
Vertical Section:			Depth From (TVD)	+N-S	+E-W	Direction		
			(ft)	(ft)	(ft)	(°)		
			0.0	0.0	0.0	89.28		

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	120.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
560.3	11.01	89.28	557.5	0.5	42.2	2.50	2.50	0.00	89.28	
6,027.0	11.01	89.28	5,923.8	13.6	1,085.8	0.00	0.00	0.00	0.00	0.00
6,760.8	0.00	0.00	6,663.0	14.5	1,156.0	1.50	-1.50	0.00	180.00	Williams Fork (25' rad
11,971.8	0.00	0.00	11,864.0	14.5	1,156.0	0.00	0.00	0.00	0.00	0.00

New Tech

Planning Report - Geographic

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 Project: Sec 35 T1N R98W
 Site: YCF 35-12-1 Pad
 Well: YCF 35-12-3533
 Wellbore: Wellbore #1
 Design: Plan #1 14Oct09 Kjs

Local Co-ordinate Reference: Well YCF 35-12-3533 - Slot B2
 TVD Reference: WELL @ 6359.0ft (Original Well Elev)
 MID Reference: WELL @ 6359.0ft (Original Well Elev)
 North Reference: True
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/S (ft)	+E/W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	1,260,856.61	2,197,527.98	40° 0' 49.838 N	108° 21' 55.730 W
120.0	0.00	0.00	120.0	0.0	0.0	1,260,856.61	2,197,527.98	40° 0' 49.838 N	108° 21' 55.730 W
Start Build 2.50									
560.3	11.01	89.28	557.5	0.5	42.2	1,260,855.78	2,197,570.13	40° 0' 49.843 N	108° 21' 55.188 W
Hold 11.01 Inclination									
611.6	11.01	89.28	608.0	0.7	52.0	1,260,855.58	2,197,579.94	40° 0' 49.844 N	108° 21' 55.062 W
Green River									
2,685.8	11.01	89.28	2,644.0	5.6	447.9	1,260,847.74	2,197,975.85	40° 0' 49.893 N	108° 21' 49.973 W
Wasatch									
3,400.0	11.01	89.28	3,345.1	7.3	584.3	1,260,845.04	2,198,112.18	40° 0' 49.910 N	108° 21' 48.220 W
9 5/8"									
6,027.0	11.01	89.28	5,923.8	13.6	1,085.8	1,260,836.11	2,198,613.62	40° 0' 49.972 N	108° 21' 41.775 W
Start Drop -1.50									
6,760.8	0.00	0.00	6,653.0	14.5	1,156.0	1,260,833.72	2,198,683.87	40° 0' 49.980 N	108° 21' 40.872 W
Williams Fork - Williams Fork (25' radius) YCF 35-12-3533									
10,525.8	0.00	0.00	10,418.0	14.5	1,156.0	1,260,833.72	2,198,683.87	40° 0' 49.980 N	108° 21' 40.872 W
Rollins									
10,649.8	0.00	0.00	10,542.0	14.5	1,156.0	1,260,833.72	2,198,683.87	40° 0' 49.980 N	108° 21' 40.872 W
Gozzette									
10,848.8	0.00	0.00	10,741.0	14.5	1,156.0	1,260,833.72	2,198,683.87	40° 0' 49.980 N	108° 21' 40.872 W
Corcoran									
11,460.8	0.00	0.00	11,353.0	14.5	1,156.0	1,260,833.72	2,198,683.87	40° 0' 49.980 N	108° 21' 40.872 W
Upper Sego									
11,771.8	0.00	0.00	11,664.0	14.5	1,156.0	1,260,833.72	2,198,683.87	40° 0' 49.980 N	108° 21' 40.872 W
Lower Sego									
11,971.8	0.00	0.00	11,864.0	14.5	1,156.0	1,260,833.72	2,198,683.87	40° 0' 49.980 N	108° 21' 40.872 W
TD at 11971.8 - Ideal TD									

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/S (ft)	+E/W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/mis target									
- Shape									
Williams Fork (25' radius	0.00	0.00	6,653.0	14.5	1,156.0	1,260,833.72	2,198,683.87	40° 0' 49.980 N	108° 21' 40.872 W
- plan hits target									
- Circle (radius 25.0)									

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Casing Diameter (")	Hole Diameter (")
3,400.0	3,345.1	9 5/8"	12-1/4"
Name			

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Wellbore: Wellbore #1
Design: Plan #1 14Oct09 Kjs

Local Co-ordinate Reference: Well YCF 35-12-3533 - Slot B2
TVD Reference: WELL @ 6359.0ft (Original Well Elev)
MD Reference: WELL @ 6359.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Formations				
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip Direction
10,525.8	10,418.0	Rollins		
11,971.8	11,864.0	Ideal TD		
6,760.8	6,653.0	Williams Fork		
11,460.8	11,353.0	Upper Sego		
10,649.8	10,542.0	Cozzette		
10,848.8	10,741.0	Corcoran		
11,771.8	11,664.0	Lower Sego		
611.6	608.0	Green River		
2,685.8	2,644.0	Wasatch		

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	+E/-W (ft)	Comment
120.0	120.0	0.0	0.0	Start Build 2.50
560.3	557.5	0.5	42.2	Hold 11.01 Inclination
6,027.0	5,923.8	13.6	1,085.8	Start Drop -1.50
6,760.8	6,653.0	14.5	1,156.0	Williams Fork
11,971.8	11,864.0	14.5	1,156.0	TD at 11971.8