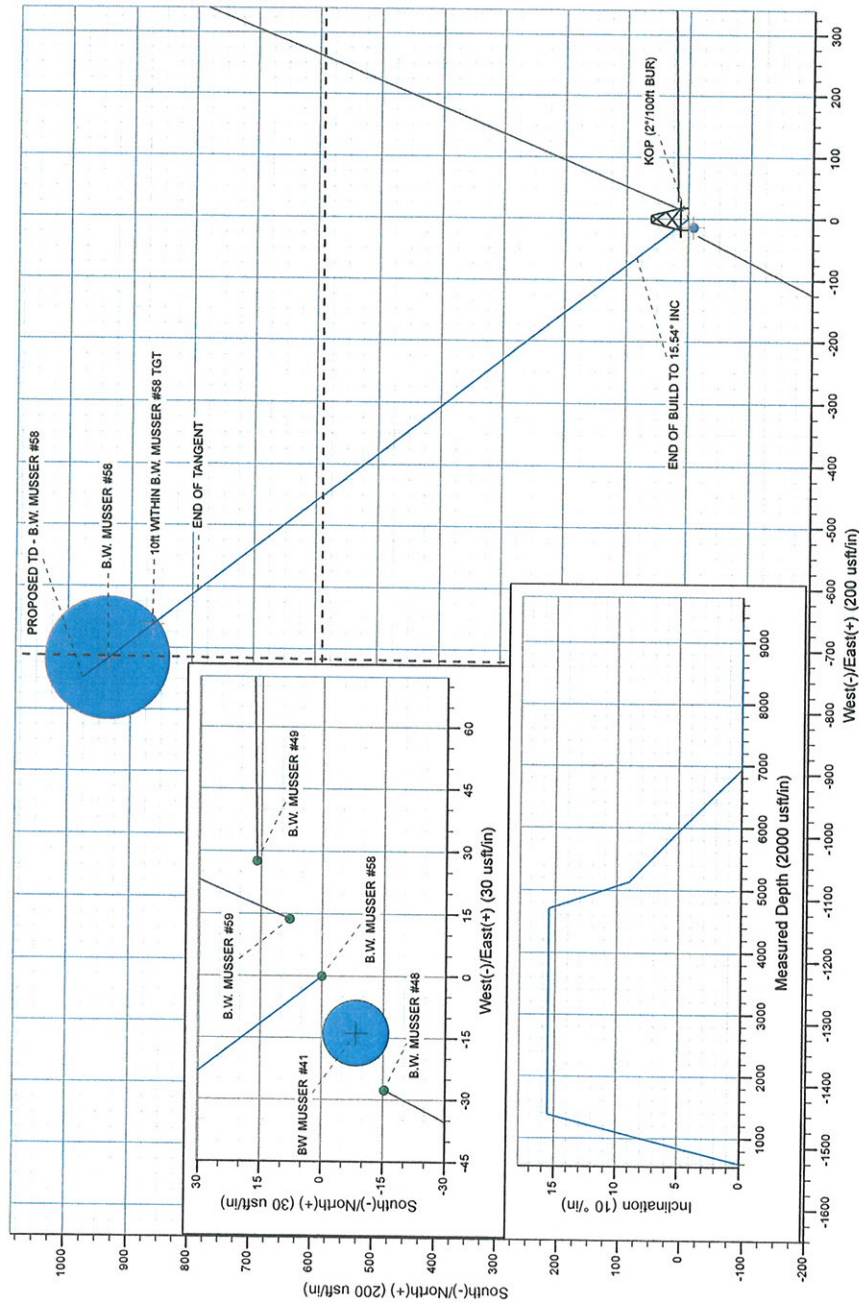
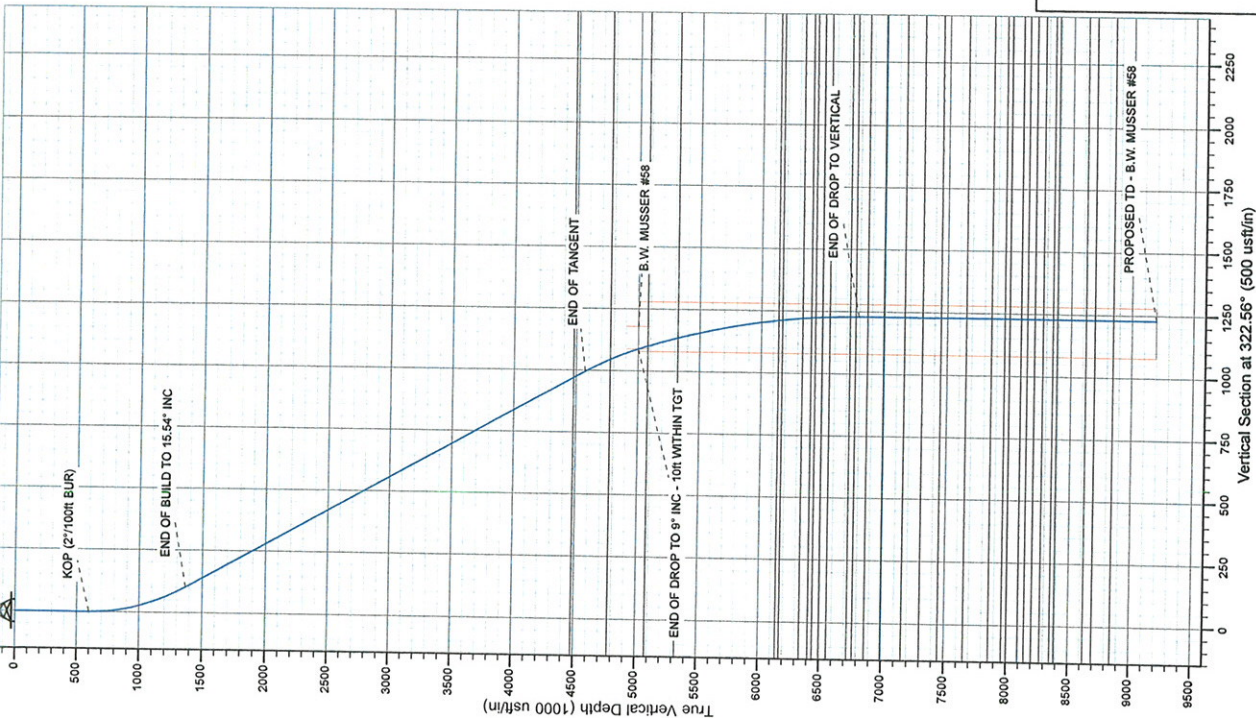


Project: COLORADO (MOFFAT COUNTY)
 Site: SEC. 9 TWP. 11N RGE. 97W 6th P.M. (5 WELL)
 Well: B.W. MUSSER #58
 Wellbore: ORIGINAL WELLBORE
 Design: PROPOSAL #1



ANNOTATIONS				
TVD	MD	Inc	Azi	+N/-S
1367.4	600.0	0.00	0.00	0.0
4574.3	1376.9	15.54	322.56	83.1
5000.0	4705.5	15.54	322.56	791.1
6792.6	5141.3	9.00	322.56	-605.7
6941.3	5141.3	0.00	322.56	-605.7
9198.0	6941.3	0.00	322.56	-605.7
9346.7	6941.3	0.00	322.56	-605.7
Magnetic Field				
Strength: 53000.7snT				
Dip Angle: 66.86°				
Date: 18/03/2011				
Model: IGRF2010				
Azimuths to True North				
Magnetic North: 10.71°				
Annotations				
Annotation	+N/-S	+E/-W	Vsect	
KOP (27100ft BUR)	0.0	0.0	0.0	
END OF BUILD TO 15.54° INC	83.1	-63.6	104.7	
END OF TANGENT	791.1	-605.7	996.3	
EOD TO 9° INC - 10ft WITHIN TGT	864.6	-682.0	1088.9	
END OF DROP TO VERTICAL	976.6	-747.7	1230.0	
PROPOSED TD - B.W. MUSSER #58	976.6	-747.7	1230.0	





WEXPRO COMPANY

COLORADO (MOFFAT COUNTY)

SEC. 9 TWP. 11N RGE. 97W 6th P.M. (5 WELL)

B.W. MUSSER #58

ORIGINAL WELLBORE

18 March, 2011

Plan: PROPOSAL #1



Planning Report

Database:	EDM_5000_1_7	Local Co-ordinate Reference:	Well B.W. MUSSER #58
Company:	WEXPRO COMPANY	TVD Reference:	KB-EST @ 6727.0usft (Original Well Elev)
Project:	COLORADO (MOFFAT COUNTY)	MD Reference:	KB-EST @ 6727.0usft (Original Well Elev)
Site:	SEC. 9 TWP. 11N RGE. 97W 6th P.M. (5 WELL)	North Reference:	True
Well:	B.W. MUSSER #58	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #1		

Project	COLORADO (MOFFAT COUNTY)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site	SEC. 9 TWP. 11N RGE. 97W 6th P.M. (5 WELL)		
Site Position:		Northing:	1,595,097.45 usft
From:	Lat/Long	Easting:	2,226,753.44 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16"
		Latitude:	40° 56' 0.269 N
		Longitude:	108° 17' 55.860 W
		Grid Convergence:	-1.81 °

Well	B.W. MUSSER #58		
Well Position	+N/-S	8.4 usft	Northing: 1,595,105.39 usft
	+E/-W	13.8 usft	Easting: 2,226,767.51 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	40° 56' 0.351 N
		Longitude:	108° 17' 55.680 W
		Ground Level:	6,699.0 usft

Wellbore	ORIGINAL WELLBORE				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	18/03/2011	10.71	66.86	53,001

Design	PROPOSAL #1				
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Audit Notes:					
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0	

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	5,000.0	0.0	0.0	322.56

Plan Sections											
MD (usft)	Inc (°)	Azi (°)	Vertical Depth	SS (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	-6,727.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	-6,127.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,376.9	15.54	322.56	1,367.4	-5,359.6	83.1	-63.6	2.00	2.00	0.00	322.56	
4,705.5	15.54	322.56	4,574.3	-2,152.7	791.1	-605.7	0.00	0.00	0.00	0.00	
5,141.3	9.00	322.56	5,000.0	-1,727.0	864.6	-662.0	1.50	-1.50	0.00	180.00	10ft WITHIN B.W. M
6,941.3	0.00	0.00	6,792.6	65.6	976.6	-747.7	0.50	-0.50	0.00	180.00	
9,346.7	0.00	0.00	9,198.0	2,471.0	976.6	-747.7	0.00	0.00	0.00	0.00	

Planning Report

Database:	EDM_5000_1_7	Local Co-ordinate Reference:	Well B.W. MUSSER #58
Company:	WEXPRO COMPANY	TVD Reference:	KB-EST @ 6727.0usft (Original Well Elev)
Project:	COLORADO (MOFFAT COUNTY)	MD Reference:	KB-EST @ 6727.0usft (Original Well Elev)
Site:	SEC. 9 TWP. 11N RGE. 97W 6th P.M. (5 WELL)	North Reference:	True
Well:	B.W. MUSSER #58	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #1		

Planned Survey

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	6,727.00	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	6,627.00	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	6,527.00	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	6,427.00	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	6,327.00	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	6,227.00	0.0	0.0	0.0	0.00	0.00	0.00
KOP (2°/100ft BUR)										
600.0	0.00	0.00	600.0	6,127.00	0.0	0.0	0.0	0.00	0.00	0.00
700.0	2.00	322.56	700.0	6,027.02	1.4	-1.1	1.7	2.00	2.00	0.00
800.0	4.00	322.56	799.8	5,927.16	5.5	-4.2	7.0	2.00	2.00	0.00
900.0	6.00	322.56	899.5	5,827.55	12.5	-9.5	15.7	2.00	2.00	0.00
1,000.0	8.00	322.56	998.7	5,728.30	22.1	-16.9	27.9	2.00	2.00	0.00
1,100.0	10.00	322.56	1,097.5	5,629.53	34.6	-26.5	43.5	2.00	2.00	0.00
1,200.0	12.00	322.56	1,195.6	5,531.38	49.7	-38.1	62.6	2.00	2.00	0.00
1,300.0	14.00	322.56	1,293.1	5,433.94	67.6	-51.7	85.1	2.00	2.00	0.00
END OF BUILD TO 15.54° INC										
1,376.9	15.54	322.56	1,367.4	5,359.60	83.1	-63.6	104.7	2.00	2.00	0.00
1,400.0	15.54	322.56	1,389.7	5,337.33	88.0	-67.4	110.9	0.00	0.00	0.00
1,500.0	15.54	322.56	1,486.0	5,240.99	109.3	-83.7	137.7	0.00	0.00	0.00
1,600.0	15.54	322.56	1,582.4	5,144.64	130.6	-100.0	164.5	0.00	0.00	0.00
1,700.0	15.54	322.56	1,678.7	5,048.30	151.8	-116.3	191.2	0.00	0.00	0.00
1,800.0	15.54	322.56	1,775.0	4,951.95	173.1	-132.6	218.0	0.00	0.00	0.00
1,900.0	15.54	322.56	1,871.4	4,855.60	194.4	-148.8	244.8	0.00	0.00	0.00
2,000.0	15.54	322.56	1,967.7	4,759.26	215.7	-165.1	271.6	0.00	0.00	0.00
2,100.0	15.54	322.56	2,064.1	4,662.91	236.9	-181.4	298.4	0.00	0.00	0.00
2,200.0	15.54	322.56	2,160.4	4,566.57	258.2	-197.7	325.2	0.00	0.00	0.00
2,300.0	15.54	322.56	2,256.8	4,470.22	279.5	-214.0	352.0	0.00	0.00	0.00
2,400.0	15.54	322.56	2,353.1	4,373.88	300.7	-230.3	378.8	0.00	0.00	0.00
2,500.0	15.54	322.56	2,449.5	4,277.53	322.0	-246.5	405.5	0.00	0.00	0.00
2,600.0	15.54	322.56	2,545.8	4,181.19	343.3	-262.8	432.3	0.00	0.00	0.00
2,700.0	15.54	322.56	2,642.2	4,084.84	364.5	-279.1	459.1	0.00	0.00	0.00
2,800.0	15.54	322.56	2,738.5	3,988.50	385.8	-295.4	485.9	0.00	0.00	0.00
2,900.0	15.54	322.56	2,834.8	3,892.15	407.1	-311.7	512.7	0.00	0.00	0.00
3,000.0	15.54	322.56	2,931.2	3,795.81	428.3	-328.0	539.5	0.00	0.00	0.00
3,100.0	15.54	322.56	3,027.5	3,699.46	449.6	-344.3	566.3	0.00	0.00	0.00
3,200.0	15.54	322.56	3,123.9	3,603.11	470.9	-360.5	593.1	0.00	0.00	0.00
3,300.0	15.54	322.56	3,220.2	3,506.77	492.2	-376.8	619.8	0.00	0.00	0.00
3,400.0	15.54	322.56	3,316.6	3,410.42	513.4	-393.1	646.6	0.00	0.00	0.00
3,500.0	15.54	322.56	3,412.9	3,314.08	534.7	-409.4	673.4	0.00	0.00	0.00
3,600.0	15.54	322.56	3,509.3	3,217.73	556.0	-425.7	700.2	0.00	0.00	0.00
3,700.0	15.54	322.56	3,605.6	3,121.39	577.2	-442.0	727.0	0.00	0.00	0.00
3,800.0	15.54	322.56	3,702.0	3,025.04	598.5	-458.2	753.8	0.00	0.00	0.00
3,900.0	15.54	322.56	3,798.3	2,928.70	619.8	-474.5	780.6	0.00	0.00	0.00
4,000.0	15.54	322.56	3,894.6	2,832.35	641.0	-490.8	807.4	0.00	0.00	0.00
4,100.0	15.54	322.56	3,991.0	2,736.01	662.3	-507.1	834.1	0.00	0.00	0.00
4,200.0	15.54	322.56	4,087.3	2,639.66	683.6	-523.4	860.9	0.00	0.00	0.00
4,300.0	15.54	322.56	4,183.7	2,543.31	704.8	-539.7	887.7	0.00	0.00	0.00
4,400.0	15.54	322.56	4,280.0	2,446.97	726.1	-556.0	914.5	0.00	0.00	0.00
4,500.0	15.54	322.56	4,376.4	2,350.62	747.4	-572.2	941.3	0.00	0.00	0.00
4,600.0	15.54	322.56	4,472.7	2,254.28	768.6	-588.5	968.1	0.00	0.00	0.00
A-4-G SD										
4,606.5	15.54	322.56	4,479.0	2,248.00	770.0	-589.6	969.8	0.00	0.00	0.00
4,700.0	15.54	322.56	4,569.1	2,157.93	789.9	-604.8	994.9	0.00	0.00	0.00

Planning Report

Database:	EDM_5000_1_7	Local Co-ordinate Reference:	Well B.W. MUSSER #58
Company:	WEXPRO COMPANY	TVD Reference:	KB-EST @ 6727.0usft (Original Well Elev)
Project:	COLORADO (MOFFAT COUNTY)	MD Reference:	KB-EST @ 6727.0usft (Original Well Elev)
Site:	SEC. 9 TWP. 11N RGE. 97W 6th P.M. (5 WELL)	North Reference:	True
Well:	B.W. MUSSER #58	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #1		

Planned Survey

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
END OF TANGENT										
4,705.5	15.54	322.56	4,574.3	2,152.66	791.1	-605.7	996.3	0.00	0.00	0.00
4,800.0	14.12	322.56	4,665.7	2,061.28	810.3	-620.4	1,020.5	1.50	-1.50	0.00
4,900.0	12.62	322.56	4,763.0	1,964.00	828.6	-634.5	1,043.6	1.50	-1.50	0.00
(BIG WATER SD)										
4,908.2	12.50	322.56	4,771.0	1,956.00	830.1	-635.5	1,045.4	1.50	-1.50	0.00
5,000.0	11.12	322.56	4,860.9	1,866.14	845.0	-647.0	1,064.2	1.50	-1.50	0.00
5,100.0	9.62	322.56	4,959.2	1,767.77	859.3	-657.9	1,082.2	1.50	-1.50	0.00
END OF DROP TO 9° INC - 10ft WITHIN TGT										
5,141.3	9.00	322.56	5,000.0	1,727.00	864.6	-662.0	1,088.9	1.50	-1.50	0.00
5,200.0	8.71	322.56	5,058.0	1,669.02	871.7	-667.5	1,097.9	0.50	-0.50	0.00
A-4-H SD										
5,220.2	8.61	322.56	5,078.0	1,649.00	874.2	-669.3	1,101.0	0.50	-0.50	0.00
5,300.0	8.21	322.56	5,156.9	1,570.10	883.4	-676.4	1,112.6	0.50	-0.50	0.00
5,400.0	7.71	322.56	5,255.9	1,471.07	894.4	-684.8	1,126.5	0.50	-0.50	0.00
FORT UNION FORMATION										
5,467.7	7.37	322.56	5,323.0	1,404.00	901.5	-690.2	1,135.4	0.50	-0.50	0.00
5,500.0	7.21	322.56	5,355.1	1,371.91	904.7	-692.7	1,139.5	0.50	-0.50	0.00
5,600.0	6.71	322.56	5,454.3	1,272.65	914.3	-700.1	1,151.6	0.50	-0.50	0.00
5,700.0	6.21	322.56	5,553.7	1,173.28	923.3	-706.9	1,162.8	0.50	-0.50	0.00
5,800.0	5.71	322.56	5,653.2	1,073.82	931.5	-713.2	1,173.2	0.50	-0.50	0.00
5,900.0	5.21	322.56	5,752.7	974.28	939.1	-719.0	1,182.7	0.50	-0.50	0.00
6,000.0	4.71	322.56	5,852.3	874.65	945.9	-724.3	1,191.3	0.50	-0.50	0.00
6,100.0	4.21	322.56	5,952.0	774.96	952.1	-729.0	1,199.1	0.50	-0.50	0.00
6,200.0	3.71	322.56	6,051.8	675.19	957.6	-733.2	1,206.0	0.50	-0.50	0.00
L.F.U. ALLEN 8A										
6,289.4	3.26	322.56	6,141.0	586.00	961.9	-736.5	1,211.4	0.50	-0.50	0.00
6,300.0	3.21	322.56	6,151.6	575.38	962.3	-736.8	1,212.0	0.50	-0.50	0.00
L.F.U. ALLEN 8B										
6,322.4	3.09	322.56	6,174.0	553.00	963.3	-737.6	1,213.3	0.50	-0.50	0.00
6,400.0	2.71	322.56	6,251.5	475.51	966.4	-740.0	1,217.2	0.50	-0.50	0.00
L.F.U. ALLEN 8E										
6,486.6	2.27	322.56	6,338.0	389.00	969.4	-742.3	1,221.0	0.50	-0.50	0.00
6,500.0	2.21	322.56	6,351.4	375.60	969.8	-742.6	1,221.5	0.50	-0.50	0.00
L.F.U. ALLEN 8E1										
6,556.6	1.92	322.56	6,408.0	319.00	971.5	-743.8	1,223.5	0.50	-0.50	0.00
L.F.U. ALLEN 8F										
6,592.7	1.74	322.56	6,444.0	283.00	972.4	-744.5	1,224.7	0.50	-0.50	0.00
6,600.0	1.71	322.56	6,451.3	275.66	972.6	-744.7	1,224.9	0.50	-0.50	0.00
L.F.U. ALLEN 8G										
6,646.7	1.47	322.56	6,498.0	229.00	973.6	-745.4	1,226.2	0.50	-0.50	0.00
6,700.0	1.21	322.56	6,551.3	175.69	974.6	-746.2	1,227.4	0.50	-0.50	0.00
L.F.U. ALLEN 8H										
6,706.7	1.17	322.56	6,558.0	169.00	974.7	-746.3	1,227.6	0.50	-0.50	0.00
6,800.0	0.71	322.56	6,651.3	75.71	975.9	-747.2	1,229.1	0.50	-0.50	0.00
L.F.U. ALLEN 9A										
6,872.7	0.34	322.56	6,724.0	3.00	976.4	-747.6	1,229.8	0.50	-0.50	0.00
6,900.0	0.21	322.56	6,751.3	-24.29	976.5	-747.7	1,229.9	0.50	-0.50	0.00
L.F.U. ALLEN 9B										
6,917.7	0.12	322.56	6,769.0	-42.00	976.6	-747.7	1,230.0	0.50	-0.50	0.00
END OF DROP TO VERTICAL										

Planning Report

Database:	EDM_5000_1_7	Local Co-ordinate Reference:	Well B.W. MUSSER #58
Company:	WEXPRO COMPANY	TVD Reference:	KB-EST @ 6727.0usft (Original Well Elev)
Project:	COLORADO (MOFFAT COUNTY)	MD Reference:	KB-EST @ 6727.0usft (Original Well Elev)
Site:	SEC. 9 TWP. 11N RGE. 97W 6th P.M. (5 WELL)	North Reference:	True
Well:	B.W. MUSSER #58	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #1		

Planned Survey

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
6,941.3	0.00	0.00	6,792.6	-65.61	976.6	-747.7	1,230.0	0.50	-0.50	0.00
7,000.0	0.00	0.00	6,851.3	-124.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
L.F.U. ALLEN 9C										
7,011.7	0.00	0.00	6,863.0	-136.00	976.6	-747.7	1,230.0	0.00	0.00	0.00
7,100.0	0.00	0.00	6,951.3	-224.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
L.F.U. ALLEN 11										
7,141.7	0.00	0.00	6,993.0	-266.00	976.6	-747.7	1,230.0	0.00	0.00	0.00
7,200.0	0.00	0.00	7,051.3	-324.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
7,300.0	0.00	0.00	7,151.3	-424.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
L.F.U. ALLEN 11A										
7,305.7	0.00	0.00	7,157.0	-430.00	976.6	-747.7	1,230.0	0.00	0.00	0.00
7,400.0	0.00	0.00	7,251.3	-524.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
L.F.U. ALLEN 11B										
7,450.7	0.00	0.00	7,302.0	-575.00	976.6	-747.7	1,230.0	0.00	0.00	0.00
7,500.0	0.00	0.00	7,351.3	-624.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
L.F.U. ALLEN 11C										
7,598.7	0.00	0.00	7,450.0	-723.00	976.6	-747.7	1,230.0	0.00	0.00	0.00
7,600.0	0.00	0.00	7,451.3	-724.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
7,700.0	0.00	0.00	7,551.3	-824.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,651.3	-924.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
L.F.U. 4600										
7,803.7	0.00	0.00	7,655.0	-928.00	976.6	-747.7	1,230.0	0.00	0.00	0.00
7,900.0	0.00	0.00	7,751.3	-1,024.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
8,000.0	0.00	0.00	7,851.3	-1,124.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
L.F.U. ALLEN 10A										
8,003.7	0.00	0.00	7,855.0	-1,128.00	976.6	-747.7	1,230.0	0.00	0.00	0.00
8,100.0	0.00	0.00	7,951.3	-1,224.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
L.F.U. ALLEN 10B										
8,109.7	0.00	0.00	7,961.0	-1,234.00	976.6	-747.7	1,230.0	0.00	0.00	0.00
L.F.U. ALLEN 10C										
8,150.7	0.00	0.00	8,002.0	-1,275.00	976.6	-747.7	1,230.0	0.00	0.00	0.00
8,200.0	0.00	0.00	8,051.3	-1,324.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
L.F.U. ALLEN 6										
8,242.7	0.00	0.00	8,094.0	-1,367.00	976.6	-747.7	1,230.0	0.00	0.00	0.00
L.F.U. ALLEN 6A										
8,293.7	0.00	0.00	8,145.0	-1,418.00	976.6	-747.7	1,230.0	0.00	0.00	0.00
8,300.0	0.00	0.00	8,151.3	-1,424.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
L.F.U. ALLEN 6B										
8,353.7	0.00	0.00	8,205.0	-1,478.00	976.6	-747.7	1,230.0	0.00	0.00	0.00
8,400.0	0.00	0.00	8,251.3	-1,524.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
L.F.U. ALLEN 6C										
8,420.7	0.00	0.00	8,272.0	-1,545.00	976.6	-747.7	1,230.0	0.00	0.00	0.00
8,500.0	0.00	0.00	8,351.3	-1,624.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
L.F.U. ALLEN 6D										
8,500.7	0.00	0.00	8,352.0	-1,625.00	976.6	-747.7	1,230.0	0.00	0.00	0.00
L.F.U. ALLEN 6E										
8,535.7	0.00	0.00	8,387.0	-1,660.00	976.6	-747.7	1,230.0	0.00	0.00	0.00
8,600.0	0.00	0.00	8,451.3	-1,724.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
8,700.0	0.00	0.00	8,551.3	-1,824.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
L.F.U. ALLEN 6G										
8,771.7	0.00	0.00	8,623.0	-1,896.00	976.6	-747.7	1,230.0	0.00	0.00	0.00

Planning Report

Database:	EDM_5000_1_7	Local Co-ordinate Reference:	Well B.W. MUSSER #58
Company:	WEXPRO COMPANY	TVD Reference:	KB-EST @ 6727.0usft (Original Well Elev)
Project:	COLORADO (MOFFAT COUNTY)	MD Reference:	KB-EST @ 6727.0usft (Original Well Elev)
Site:	SEC. 9 TWP. 11N RGE. 97W 6th P.M. (5 WELL)	North Reference:	True
Well:	B.W. MUSSER #58	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #1		

Planned Survey

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,800.0	0.00	0.00	8,651.3	-1,924.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
L.F.U. ALLEN 6H										
8,843.7	0.00	0.00	8,695.0	-1,968.00	976.6	-747.7	1,230.0	0.00	0.00	0.00
8,900.0	0.00	0.00	8,751.3	-2,024.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
L.F.U. ALLEN 6K										
8,996.7	0.00	0.00	8,848.0	-2,121.00	976.6	-747.7	1,230.0	0.00	0.00	0.00
9,000.0	0.00	0.00	8,851.3	-2,124.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
9,100.0	0.00	0.00	8,951.3	-2,224.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
9,200.0	0.00	0.00	9,051.3	-2,324.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
9,300.0	0.00	0.00	9,151.3	-2,424.29	976.6	-747.7	1,230.0	0.00	0.00	0.00
PROPOSED TD - B.W. MUSSER #58										
9,346.7	0.00	0.00	9,198.0	-2,471.00	976.6	-747.7	1,230.0	0.00	0.00	0.00

Planning Report

Database:	EDM_5000_1_7	Local Co-ordinate Reference:	Well B.W. MUSSER #58
Company:	WEXPRO COMPANY	TVD Reference:	KB-EST @ 6727.0usft (Original Well Elev)
Project:	COLORADO (MOFFAT COUNTY)	MD Reference:	KB-EST @ 6727.0usft (Original Well Elev)
Site:	SEC. 9 TWP. 11N RGE. 97W 6th P.M. (5 WELL)	North Reference:	True
Well:	B.W. MUSSER #58	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #1		

Formations

MD (usft)	TVD (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,606.5	4,479.0	A-4-G SD			
4,908.2	4,771.0	(BIG WATER SD)			
5,220.2	5,078.0	A-4-H SD			
5,467.7	5,323.0	FORT UNION FORMATION			
6,289.4	6,141.0	L.F.U. ALLEN 8A			
6,322.4	6,174.0	L.F.U. ALLEN 8B			
6,486.6	6,338.0	L.F.U. ALLEN 8E			
6,556.6	6,408.0	L.F.U. ALLEN 8E1			
6,592.7	6,444.0	L.F.U. ALLEN 8F			
6,646.7	6,498.0	L.F.U. ALLEN 8G			
6,706.7	6,558.0	L.F.U. ALLEN 8H			
6,872.7	6,724.0	L.F.U. ALLEN 9A			
6,917.7	6,769.0	L.F.U. ALLEN 9B			
7,011.7	6,863.0	L.F.U. ALLEN 9C			
7,141.7	6,993.0	L.F.U. ALLEN 11			
7,305.7	7,157.0	L.F.U. ALLEN 11A			
7,450.7	7,302.0	L.F.U. ALLEN 11B			
7,598.7	7,450.0	L.F.U. ALLEN 11C			
7,803.7	7,655.0	L.F.U 4600			
8,003.7	7,855.0	L.F.U. ALLEN 10A			
8,109.7	7,961.0	L.F.U. ALLEN 10B			
8,150.7	8,002.0	L.F.U. ALLEN 10C			
8,242.7	8,094.0	L.F.U. ALLEN 6			
8,293.7	8,145.0	L.F.U. ALLEN 6A			
8,353.7	8,205.0	L.F.U. ALLEN 6B			
8,420.7	8,272.0	L.F.U. ALLEN 6C			
8,500.7	8,352.0	L.F.U. ALLEN 6D			
8,535.7	8,387.0	L.F.U. ALLEN 6E			
8,771.7	8,623.0	L.F.U. ALLEN 6G			
8,843.7	8,695.0	L.F.U. ALLEN 6H			
8,996.7	8,848.0	L.F.U. ALLEN 6K			

Plan Annotations

MD (usft)	TVD (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
600.0	600.0	0.0	0.0	KOP (2"/100ft BUR)
1,376.9	1,367.4	83.1	-63.6	END OF BUILD TO 15.54° INC
4,705.5	4,574.3	791.1	-605.7	END OF TANGENT
5,141.3	5,000.0	864.6	-662.0	END OF DROP TO 9° INC - 10ft WITHIN TGT
6,941.3	6,792.6	976.6	-747.7	END OF DROP TO VERTICAL
9,346.7	9,198.0	976.6	-747.7	PROPOSED TD - B.W. MUSSER #58