



WEXPRO COMPANY

COLORADO (MOFFAT COUNTY)

SEC. 6 TWP. 11N RGE. 97W 6th P.M. (6 Well)

MUSSER # 68

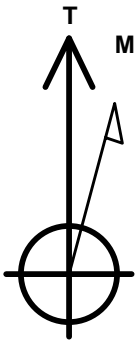
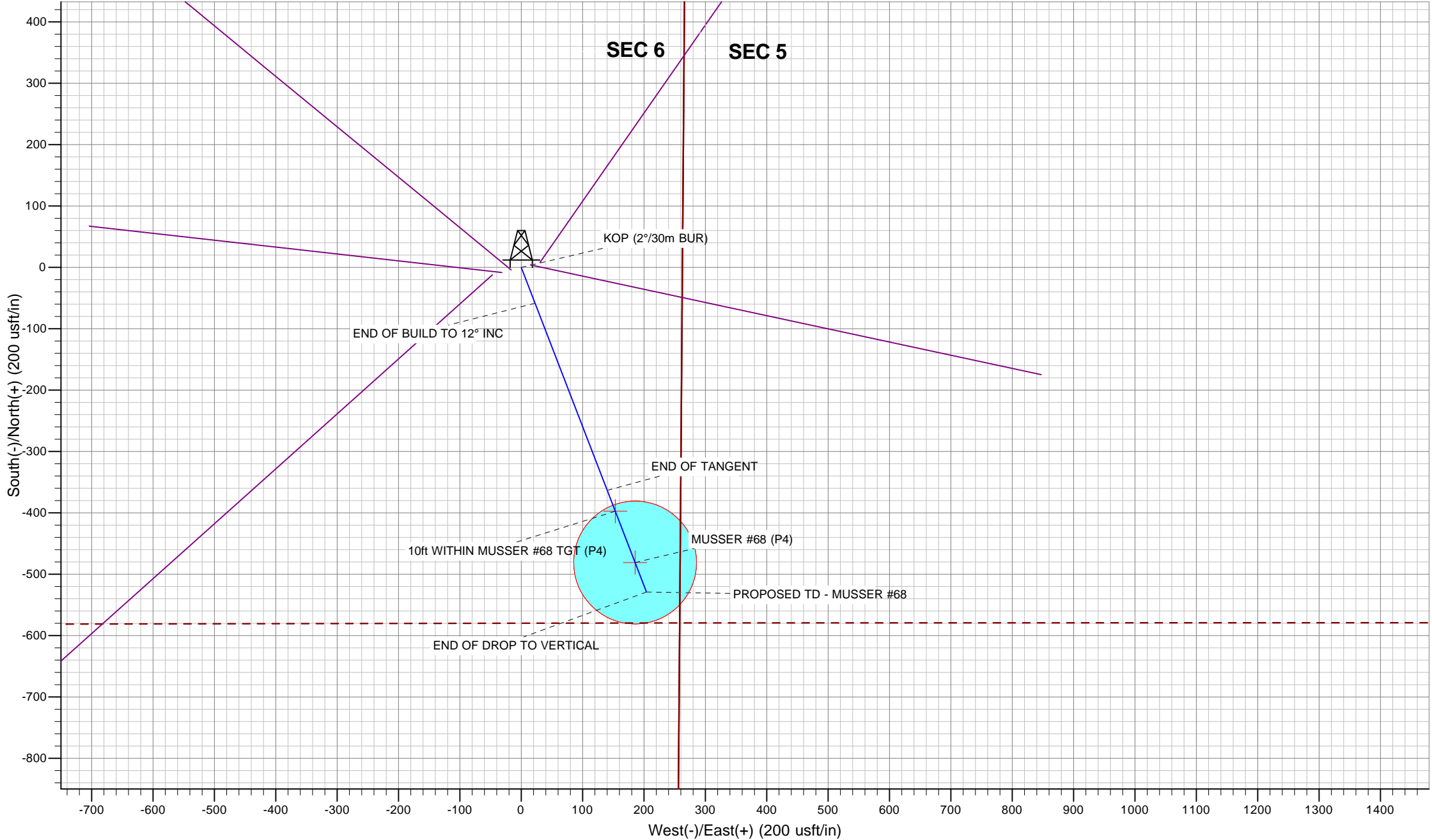
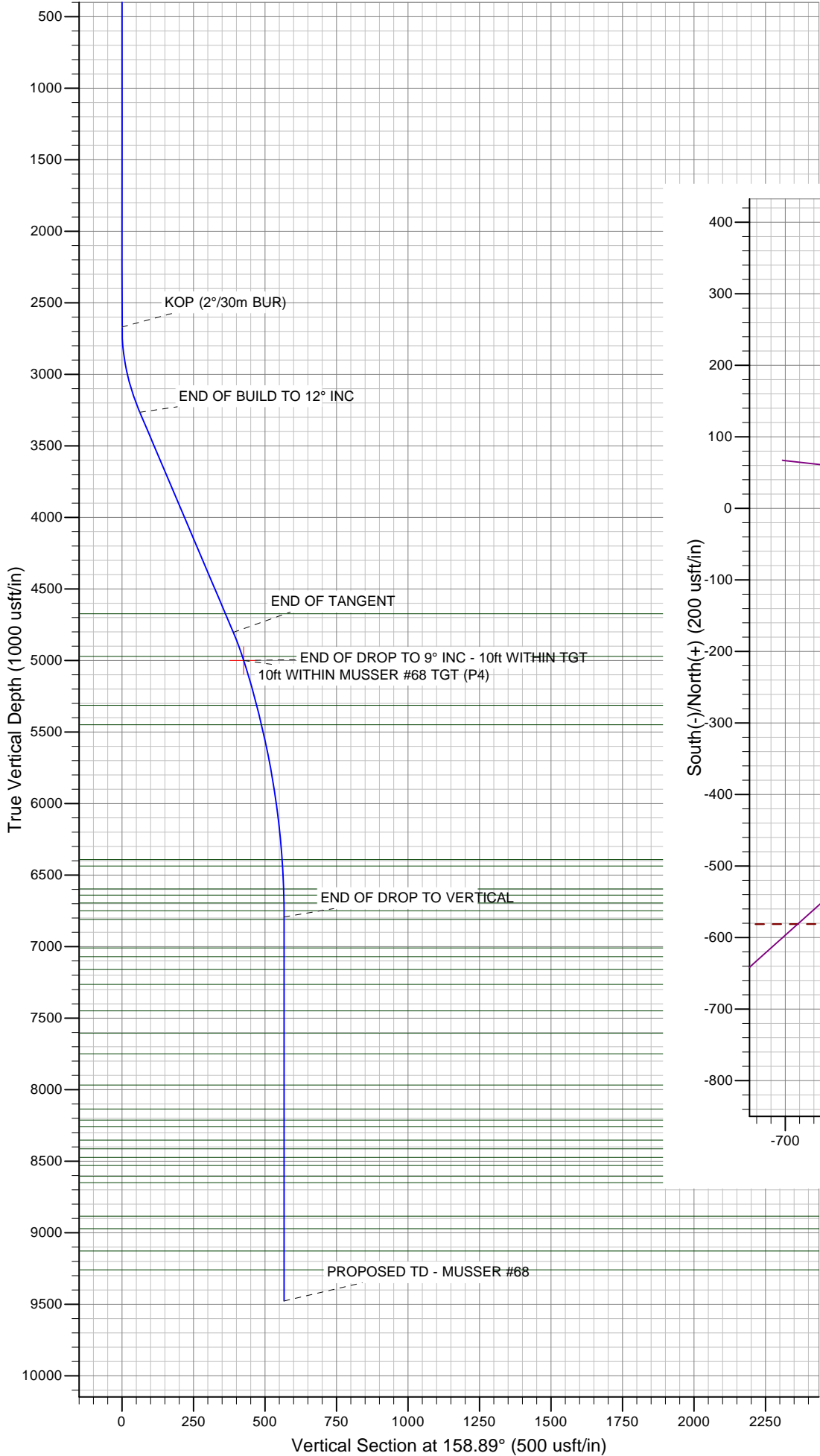
ORIGINAL WELLBORE

26 March, 2013

Plan: PROPOSAL #4



Project: COLORADO (MOFFAT COUNTY)
Site: SEC. 6 TWP. 11N RGE. 97W 6th P.M. (6 Well)
Well: MUSSER # 68
Wellbore: ORIGINAL WELLBORE
Design: PROPOSAL #4



Azimuths to True North
Magnetic North: 10.46°

Magnetic Field
Strength: 52795.2snT
Dip Angle: 66.81°
Date: 26/03/2013
Model: IGRF2010

ANNOTATIONS								Annotation	
TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect			
2670.0	2670.0	0.00	0.00	0.0	0.0	0.0		KOP (2°/30m BUR)	
3265.6	3270.0	12.00	158.89	-58.4	22.5	62.6		END OF BUILD TO 12° INC	
4803.4	4842.1	12.00	158.89	-363.3	140.3	389.5		END OF TANGENT	
5000.0	5042.1	9.00	158.89	-397.3	153.4	425.8		END OF DROP TO 9° INC - 10ft WITHIN TGT	
6792.6	6842.1	0.00	0.00	-528.9	204.2	567.0		END OF DROP TO VERTICAL	
9477.0	9526.5	0.00	0.00	-528.9	204.2	567.0		PROPOSED TD - MUSSER #68	

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well MUSSER # 68
Company:	WEXPRO COMPANY	TVD Reference:	GE @ 6766.0usft
Project:	COLORADO (MOFFAT COUNTY)	MD Reference:	GE @ 6766.0usft
Site:	SEC. 6 TWP. 11N RGE. 97W 6th P.M. (6 Well)	North Reference:	True
Well:	MUSSER # 68	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #4		

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. 6 TWP. 11N RGE. 97W 6th P.M. (6 Well)		
Site Position:		Northing:	1,597,754.29 usft
From:	Lat/Long	Easting:	2,219,362.96 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16"
		Latitude:	40° 56' 24.191 N
		Longitude:	108° 19' 33.200 W
		Grid Convergence:	-1.83 °

Well	MUSSER # 68		
Well Position	+N/-S	-4.0 usft	Northing:
	+E/-W	-15.2 usft	Easting:
Position Uncertainty		0.0 usft	Wellhead Elevation:
			usft
			Latitude:
			40° 56' 24.151 N
			Longitude:
			108° 19' 33.398 W
			Ground Level:
			0.0 usft

Wellbore	ORIGINAL WELLBORE				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	16/09/2010	10.79	66.88	53,051

Design	PROPOSAL #4			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	158.89

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	-6,766.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,670.0	0.00	0.00	2,670.0	-4,096.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,270.0	12.00	158.89	3,265.6	-3,500.4	-58.4	22.5	2.00	2.00	0.00	158.89	
4,842.1	12.00	158.89	4,803.4	-1,962.6	-363.3	140.3	0.00	0.00	0.00	0.00	
5,042.1	9.00	158.89	5,000.0	-1,766.0	-397.3	153.4	1.50	-1.50	0.00	180.00	10ft WITHIN MUSS
6,842.1	0.00	0.00	6,792.6	26.6	-528.9	204.2	0.50	-0.50	0.00	180.00	
9,526.5	0.00	0.00	9,477.0	2,711.0	-528.9	204.2	0.00	0.00	0.00	0.00	

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Project:	COLORADO (MOFFAT COUNTY)	MD Reference:	GE @ 6766.0usft
Site:	SEC. 6 TWP. 11N RGE. 97W 6th P.M. (6 Well)	North Reference:	True
Well:	MUSSEY # 68	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #4		

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	6,766.00	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	6,666.00	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	6,566.00	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	6,466.00	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	6,366.00	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	6,266.00	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	6,166.00	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	6,066.00	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	5,966.00	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	5,866.00	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	5,766.00	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	5,666.00	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	5,566.00	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	5,466.00	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	5,366.00	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	5,266.00	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	5,166.00	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	5,066.00	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	4,966.00	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	4,866.00	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	4,766.00	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	4,666.00	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	4,566.00	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	4,466.00	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	4,366.00	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	4,266.00	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	4,166.00	0.0	0.0	0.0	0.00	0.00	0.00
KOP (2°/30m BUR)										
2,670.0	0.00	0.00	2,670.0	4,096.00	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.60	158.89	2,700.0	4,066.00	-0.1	0.1	0.2	2.00	2.00	0.00
2,800.0	2.60	158.89	2,800.0	3,966.04	-2.8	1.1	2.9	2.00	2.00	0.00
2,900.0	4.60	158.89	2,899.8	3,866.25	-8.6	3.3	9.2	2.00	2.00	0.00
3,000.0	6.60	158.89	2,999.3	3,766.73	-17.7	6.8	19.0	2.00	2.00	0.00
3,100.0	8.60	158.89	3,098.4	3,667.61	-30.0	11.6	32.2	2.00	2.00	0.00
3,200.0	10.60	158.89	3,197.0	3,569.02	-45.6	17.6	48.9	2.00	2.00	0.00
END OF BUILD TO 12° INC										
3,270.0	12.00	158.89	3,265.6	3,500.38	-58.4	22.5	62.6	2.00	2.00	0.00
3,300.0	12.00	158.89	3,295.0	3,471.03	-64.2	24.8	68.8	0.00	0.00	0.00
3,400.0	12.00	158.89	3,392.8	3,373.22	-83.6	32.3	89.6	0.00	0.00	0.00
3,500.0	12.00	158.89	3,490.6	3,275.40	-103.0	39.8	110.4	0.00	0.00	0.00
3,600.0	12.00	158.89	3,588.4	3,177.59	-122.4	47.3	131.2	0.00	0.00	0.00
3,700.0	12.00	158.89	3,686.2	3,079.77	-141.8	54.7	152.0	0.00	0.00	0.00
3,800.0	12.00	158.89	3,784.0	2,981.96	-161.2	62.2	172.8	0.00	0.00	0.00
3,900.0	12.00	158.89	3,881.9	2,884.14	-180.6	69.7	193.6	0.00	0.00	0.00
4,000.0	12.00	158.89	3,979.7	2,786.33	-200.0	77.2	214.4	0.00	0.00	0.00
4,100.0	12.00	158.89	4,077.5	2,688.51	-219.4	84.7	235.2	0.00	0.00	0.00
4,200.0	12.00	158.89	4,175.3	2,590.70	-238.8	92.2	256.0	0.00	0.00	0.00
4,300.0	12.00	158.89	4,273.1	2,492.88	-258.2	99.7	276.8	0.00	0.00	0.00
4,400.0	12.00	158.89	4,370.9	2,395.07	-277.6	107.2	297.5	0.00	0.00	0.00
4,500.0	12.00	158.89	4,468.7	2,297.26	-297.0	114.7	318.3	0.00	0.00	0.00
4,600.0	12.00	158.89	4,566.6	2,199.44	-316.4	122.1	339.1	0.00	0.00	0.00
4,700.0	12.00	158.89	4,664.4	2,101.63	-335.8	129.6	359.9	0.00	0.00	0.00

A-4-G SD

Planning Report

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Well:	MUSSER # 68	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #4		

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)
4,708.8	12.00	158.89	4,673.0	2,093.00	-337.5	130.3	361.7	0.00	0.00	0.00
4,800.0	12.00	158.89	4,762.2	2,003.81	-355.2	137.1	380.7	0.00	0.00	0.00
END OF TANGENT										
4,842.1	12.00	158.89	4,803.4	1,962.63	-363.3	140.3	389.5	0.00	0.00	0.00
4,900.0	11.13	158.89	4,860.1	1,905.91	-374.2	144.4	401.1	1.50	-1.50	0.00
5,000.0	9.63	158.89	4,958.5	1,807.55	-391.0	150.9	419.1	1.50	-1.50	0.00
(BIG WATER SD)										
5,012.7	9.44	158.89	4,971.0	1,795.00	-392.9	151.7	421.2	1.50	-1.50	0.00
END OF DROP TO 9° INC - 10ft WITHIN TGT										
5,042.1	9.00	158.89	5,000.0	1,766.00	-397.3	153.4	425.9	1.50	-1.50	0.00
5,100.0	8.71	158.89	5,057.2	1,708.79	-405.6	156.6	434.8	0.50	-0.50	0.00
5,200.0	8.21	158.89	5,156.1	1,609.88	-419.4	161.9	449.5	0.50	-0.50	0.00
5,300.0	7.71	158.89	5,255.2	1,510.85	-432.3	166.9	463.4	0.50	-0.50	0.00
A-4-H SD										
5,358.4	7.42	158.89	5,313.0	1,453.00	-439.4	169.7	471.1	0.50	-0.50	0.00
5,400.0	7.21	158.89	5,354.3	1,411.69	-444.4	171.6	476.4	0.50	-0.50	0.00
FORT UNION FORMATION										
5,495.4	6.73	158.89	5,449.0	1,317.00	-455.2	175.7	487.9	0.50	-0.50	0.00
5,500.0	6.71	158.89	5,453.6	1,312.43	-455.7	175.9	488.5	0.50	-0.50	0.00
5,600.0	6.21	158.89	5,552.9	1,213.06	-466.2	180.0	499.7	0.50	-0.50	0.00
5,700.0	5.71	158.89	5,652.4	1,113.61	-475.9	183.7	510.1	0.50	-0.50	0.00
5,800.0	5.21	158.89	5,751.9	1,014.06	-484.8	187.2	519.6	0.50	-0.50	0.00
5,900.0	4.71	158.89	5,851.6	914.43	-492.8	190.3	528.3	0.50	-0.50	0.00
6,000.0	4.21	158.89	5,951.3	814.74	-500.1	193.1	536.1	0.50	-0.50	0.00
6,100.0	3.71	158.89	6,051.0	714.98	-506.5	195.6	543.0	0.50	-0.50	0.00
6,200.0	3.21	158.89	6,150.8	615.16	-512.2	197.7	549.0	0.50	-0.50	0.00
6,300.0	2.71	158.89	6,250.7	515.29	-517.0	199.6	554.2	0.50	-0.50	0.00
6,400.0	2.21	158.89	6,350.6	415.39	-521.0	201.1	558.5	0.50	-0.50	0.00
L.F.U. ALLEN 8A										
6,440.4	2.01	158.89	6,391.0	375.00	-522.4	201.7	559.9	0.50	-0.50	0.00
L.F.U. ALLEN 8B										
6,485.4	1.78	158.89	6,436.0	330.00	-523.8	202.2	561.4	0.50	-0.50	0.00
6,500.0	1.71	158.89	6,450.6	315.44	-524.2	202.4	561.9	0.50	-0.50	0.00
6,600.0	1.21	158.89	6,550.5	215.48	-526.5	203.3	564.4	0.50	-0.50	0.00
L.F.U. ALLEN 8E										
6,645.5	0.98	158.89	6,596.0	170.00	-527.4	203.6	565.3	0.50	-0.50	0.00
L.F.U. ALLEN 8E1										
6,689.5	0.76	158.89	6,640.0	126.00	-528.0	203.8	566.0	0.50	-0.50	0.00
6,700.0	0.71	158.89	6,650.5	115.49	-528.1	203.9	566.1	0.50	-0.50	0.00
L.F.U. ALLEN 8F										
6,744.5	0.49	158.89	6,695.0	71.00	-528.5	204.1	566.6	0.50	-0.50	0.00
L.F.U. ALLEN 8G										
6,798.5	0.22	158.89	6,749.0	17.00	-528.9	204.2	566.9	0.50	-0.50	0.00
6,800.0	0.21	158.89	6,750.5	15.50	-528.9	204.2	566.9	0.50	-0.50	0.00
END OF DROP TO VERTICAL										
6,842.1	0.00	0.00	6,792.6	-26.61	-528.9	204.2	567.0	0.50	-0.50	0.00
L.F.U. ALLEN 8H										
6,859.5	0.00	0.00	6,810.0	-44.00	-528.9	204.2	567.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,850.5	-84.50	-528.9	204.2	567.0	0.00	0.00	0.00
7,000.0	0.00	0.00	6,950.5	-184.50	-528.9	204.2	567.0	0.00	0.00	0.00
L.F.U. ALLEN 9A										
7,058.5	0.00	0.00	7,009.0	-243.00	-528.9	204.2	567.0	0.00	0.00	0.00

Planning Report

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Wellbore:	ORIGINAL WELLBORE		
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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)
7,100.0	0.00	0.00	7,050.5	-284.50	-528.9	204.2	567.0	0.00	0.00	0.00
L.F.U. ALLEN 9B										
7,119.5	0.00	0.00	7,070.0	-304.00	-528.9	204.2	567.0	0.00	0.00	0.00
7,200.0	0.00	0.00	7,150.5	-384.50	-528.9	204.2	567.0	0.00	0.00	0.00
L.F.U. ALLEN 9C										
7,209.5	0.00	0.00	7,160.0	-394.00	-528.9	204.2	567.0	0.00	0.00	0.00
7,300.0	0.00	0.00	7,250.5	-484.50	-528.9	204.2	567.0	0.00	0.00	0.00
L.F.U. ALLEN 11										
7,313.5	0.00	0.00	7,264.0	-498.00	-528.9	204.2	567.0	0.00	0.00	0.00
7,400.0	0.00	0.00	7,350.5	-584.50	-528.9	204.2	567.0	0.00	0.00	0.00
L.F.U. ALLEN 11A										
7,498.5	0.00	0.00	7,449.0	-683.00	-528.9	204.2	567.0	0.00	0.00	0.00
7,500.0	0.00	0.00	7,450.5	-684.50	-528.9	204.2	567.0	0.00	0.00	0.00
7,600.0	0.00	0.00	7,550.5	-784.50	-528.9	204.2	567.0	0.00	0.00	0.00
L.F.U. ALLEN 11B										
7,654.5	0.00	0.00	7,605.0	-839.00	-528.9	204.2	567.0	0.00	0.00	0.00
7,700.0	0.00	0.00	7,650.5	-884.50	-528.9	204.2	567.0	0.00	0.00	0.00
L.F.U. ALLEN 11C										
7,798.5	0.00	0.00	7,749.0	-983.00	-528.9	204.2	567.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,750.5	-984.50	-528.9	204.2	567.0	0.00	0.00	0.00
7,900.0	0.00	0.00	7,850.5	-1,084.50	-528.9	204.2	567.0	0.00	0.00	0.00
8,000.0	0.00	0.00	7,950.5	-1,184.50	-528.9	204.2	567.0	0.00	0.00	0.00
L.F.U. 4600										
8,016.5	0.00	0.00	7,967.0	-1,201.00	-528.9	204.2	567.0	0.00	0.00	0.00
8,100.0	0.00	0.00	8,050.5	-1,284.50	-528.9	204.2	567.0	0.00	0.00	0.00
L.F.U. ALLEN 10A										
8,184.5	0.00	0.00	8,135.0	-1,369.00	-528.9	204.2	567.0	0.00	0.00	0.00
8,200.0	0.00	0.00	8,150.5	-1,384.50	-528.9	204.2	567.0	0.00	0.00	0.00
L.F.U. ALLEN 10B										
8,261.5	0.00	0.00	8,212.0	-1,446.00	-528.9	204.2	567.0	0.00	0.00	0.00
8,300.0	0.00	0.00	8,250.5	-1,484.50	-528.9	204.2	567.0	0.00	0.00	0.00
L.F.U. ALLEN 10C										
8,306.5	0.00	0.00	8,257.0	-1,491.00	-528.9	204.2	567.0	0.00	0.00	0.00
8,400.0	0.00	0.00	8,350.5	-1,584.50	-528.9	204.2	567.0	0.00	0.00	0.00
L.F.U. ALLEN 6										
8,401.5	0.00	0.00	8,352.0	-1,586.00	-528.9	204.2	567.0	0.00	0.00	0.00
L.F.U. ALLEN 6A										
8,462.5	0.00	0.00	8,413.0	-1,647.00	-528.9	204.2	567.0	0.00	0.00	0.00
8,500.0	0.00	0.00	8,450.5	-1,684.50	-528.9	204.2	567.0	0.00	0.00	0.00
L.F.U. ALLEN 6B										
8,522.5	0.00	0.00	8,473.0	-1,707.00	-528.9	204.2	567.0	0.00	0.00	0.00
L.F.U. ALLEN 6C										
8,579.5	0.00	0.00	8,530.0	-1,764.00	-528.9	204.2	567.0	0.00	0.00	0.00
8,600.0	0.00	0.00	8,550.5	-1,784.50	-528.9	204.2	567.0	0.00	0.00	0.00
L.F.U. ALLEN 6D										
8,654.5	0.00	0.00	8,605.0	-1,839.00	-528.9	204.2	567.0	0.00	0.00	0.00
L.F.U. ALLEN 6E										
8,699.5	0.00	0.00	8,650.0	-1,884.00	-528.9	204.2	567.0	0.00	0.00	0.00
8,700.0	0.00	0.00	8,650.5	-1,884.50	-528.9	204.2	567.0	0.00	0.00	0.00
8,800.0	0.00	0.00	8,750.5	-1,984.50	-528.9	204.2	567.0	0.00	0.00	0.00
8,900.0	0.00	0.00	8,850.5	-2,084.50	-528.9	204.2	567.0	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well MUSSER # 68
Company:	WEXPRO COMPANY	TVD Reference:	GE @ 6766.0usft
Project:	COLORADO (MOFFAT COUNTY)	MD Reference:	GE @ 6766.0usft
Site:	SEC. 6 TWP. 11N RGE. 97W 6th P.M. (6 Well)	North Reference:	True
Well:	MUSSER # 68	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #4		

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)
L.F.U. ALLEN 6G										
8,933.5	0.00	0.00	8,884.0	-2,118.00	-528.9	204.2	567.0	0.00	0.00	0.00
9,000.0	0.00	0.00	8,950.5	-2,184.50	-528.9	204.2	567.0	0.00	0.00	0.00
L.F.U. ALLEN 6H										
9,020.5	0.00	0.00	8,971.0	-2,205.00	-528.9	204.2	567.0	0.00	0.00	0.00
9,100.0	0.00	0.00	9,050.5	-2,284.50	-528.9	204.2	567.0	0.00	0.00	0.00
L.F.U. ALLEN 6K										
9,176.5	0.00	0.00	9,127.0	-2,361.00	-528.9	204.2	567.0	0.00	0.00	0.00
9,200.0	0.00	0.00	9,150.5	-2,384.50	-528.9	204.2	567.0	0.00	0.00	0.00
9,300.0	0.00	0.00	9,250.5	-2,484.50	-528.9	204.2	567.0	0.00	0.00	0.00
LNCE										
9,308.5	0.00	0.00	9,259.0	-2,493.00	-528.9	204.2	567.0	0.00	0.00	0.00
9,400.0	0.00	0.00	9,350.5	-2,584.50	-528.9	204.2	567.0	0.00	0.00	0.00
9,500.0	0.00	0.00	9,450.5	-2,684.50	-528.9	204.2	567.0	0.00	0.00	0.00
PROPOSED TD - MUSSER #68										
9,526.5	0.00	0.00	9,477.0	-2,711.00	-528.9	204.2	567.0	0.00	0.00	0.00

Casing Points

MD (usft)	TVD (usft)	Name	Casing Diameter (")	Hole Diameter (")
1,500.0	1,500.0	9 5/8" SURFACE CASING	9-5/8	12-3/4

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well MUSSER # 68
Company:	WEXPRO COMPANY	TVD Reference:	GE @ 6766.0usft
Project:	COLORADO (MOFFAT COUNTY)	MD Reference:	GE @ 6766.0usft
Site:	SEC. 6 TWP. 11N RGE. 97W 6th P.M. (6 Well)	North Reference:	True
Well:	MUSSER # 68	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #4		

Formations

MD (usft)	TVD (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,708.8	4,673.0	A-4-G SD			
5,012.7	4,971.0	(BIG WATER SD)			
5,358.4	5,313.0	A-4-H SD			
5,495.4	5,449.0	FORT UNION FORMATION			
6,440.4	6,391.0	L.F.U. ALLEN 8A			
6,485.4	6,436.0	L.F.U. ALLEN 8B			
6,645.5	6,596.0	L.F.U. ALLEN 8E			
6,689.5	6,640.0	L.F.U. ALLEN 8E1			
6,744.5	6,695.0	L.F.U. ALLEN 8F			
6,798.5	6,749.0	L.F.U. ALLEN 8G			
6,859.5	6,810.0	L.F.U. ALLEN 8H			
7,058.5	7,009.0	L.F.U. ALLEN 9A			
7,119.5	7,070.0	L.F.U. ALLEN 9B			
7,209.5	7,160.0	L.F.U. ALLEN 9C			
7,313.5	7,264.0	L.F.U. ALLEN 11			
7,498.5	7,449.0	L.F.U. ALLEN 11A			
7,654.5	7,605.0	L.F.U. ALLEN 11B			
7,798.5	7,749.0	L.F.U. ALLEN 11C			
8,016.5	7,967.0	L.F.U. 4600			
8,184.5	8,135.0	L.F.U. ALLEN 10A			
8,261.5	8,212.0	L.F.U. ALLEN 10B			
8,306.5	8,257.0	L.F.U. ALLEN 10C			
8,401.5	8,352.0	L.F.U. ALLEN 6			
8,462.5	8,413.0	L.F.U. ALLEN 6A			
8,522.5	8,473.0	L.F.U. ALLEN 6B			
8,579.5	8,530.0	L.F.U. ALLEN 6C			
8,654.5	8,605.0	L.F.U. ALLEN 6D			
8,699.5	8,650.0	L.F.U. ALLEN 6E			
8,933.5	8,884.0	L.F.U. ALLEN 6G			
9,020.5	8,971.0	L.F.U. ALLEN 6H			
9,176.5	9,127.0	L.F.U. ALLEN 6K			
9,308.5	9,259.0	LNCE			

Plan Annotations

MD (usft)	TVD (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2,670.0	2,670.0	0.0	0.0	KOP (2°/30m BUR)
3,270.0	3,265.6	-58.4	22.5	END OF BUILD TO 12° INC
4,842.1	4,803.4	-363.3	140.3	END OF TANGENT
5,042.1	5,000.0	-397.3	153.4	END OF DROP TO 9° INC - 10ft WITHIN TGT
6,842.1	6,792.6	-528.9	204.2	END OF DROP TO VERTICAL
9,526.5	9,477.0	-528.9	204.2	PROPOSED TD - MUSSER #68