



# **WEXPRO COMPANY**

**COLORADO (MOFFAT COUNTY)**

**SEC. 28 TWP. 12N RGE. 97W 6th P.M. (CA)**

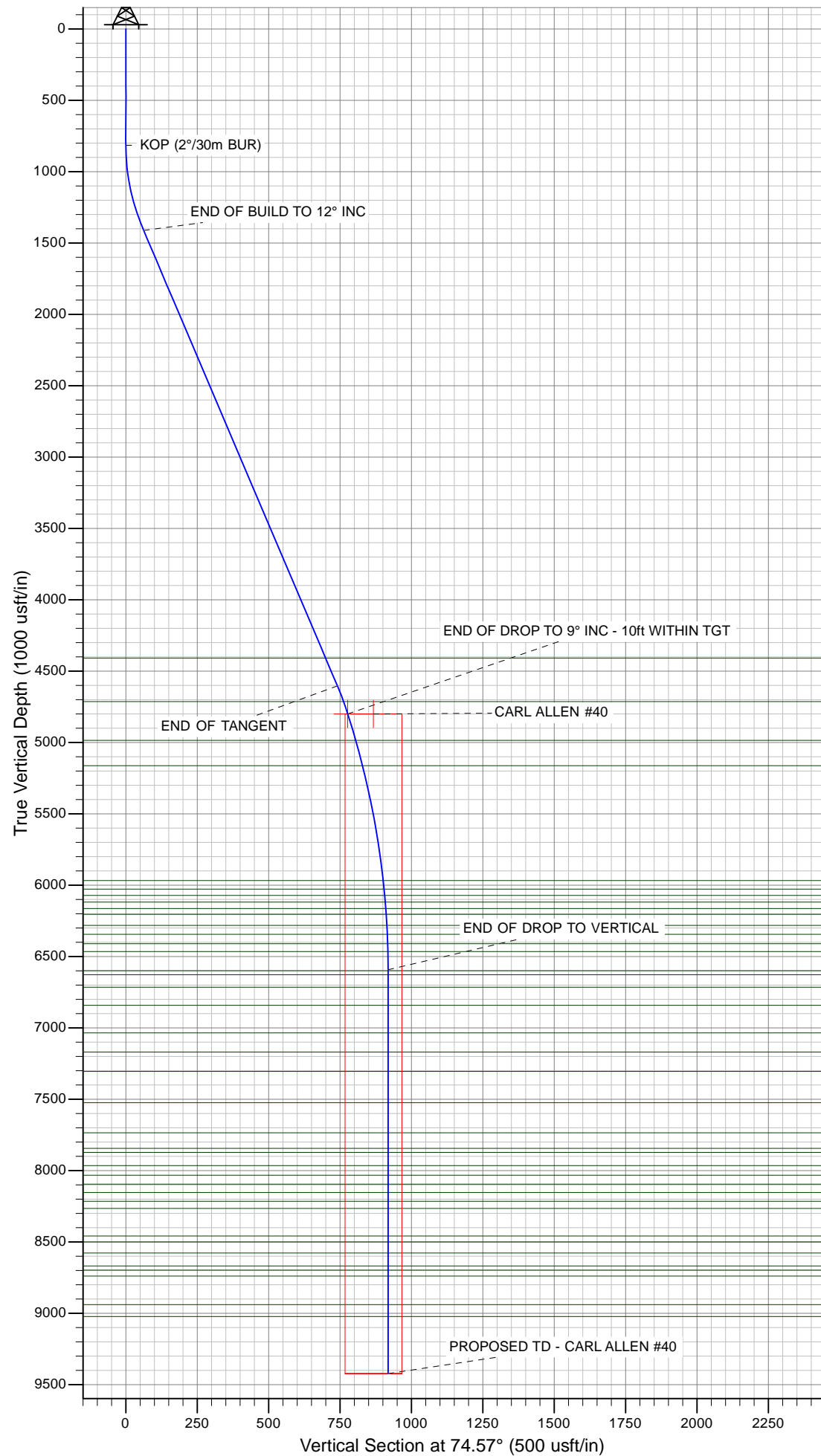
**CARL ALLEN #40**

**ORIGINAL WELLBORE**

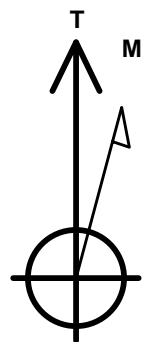
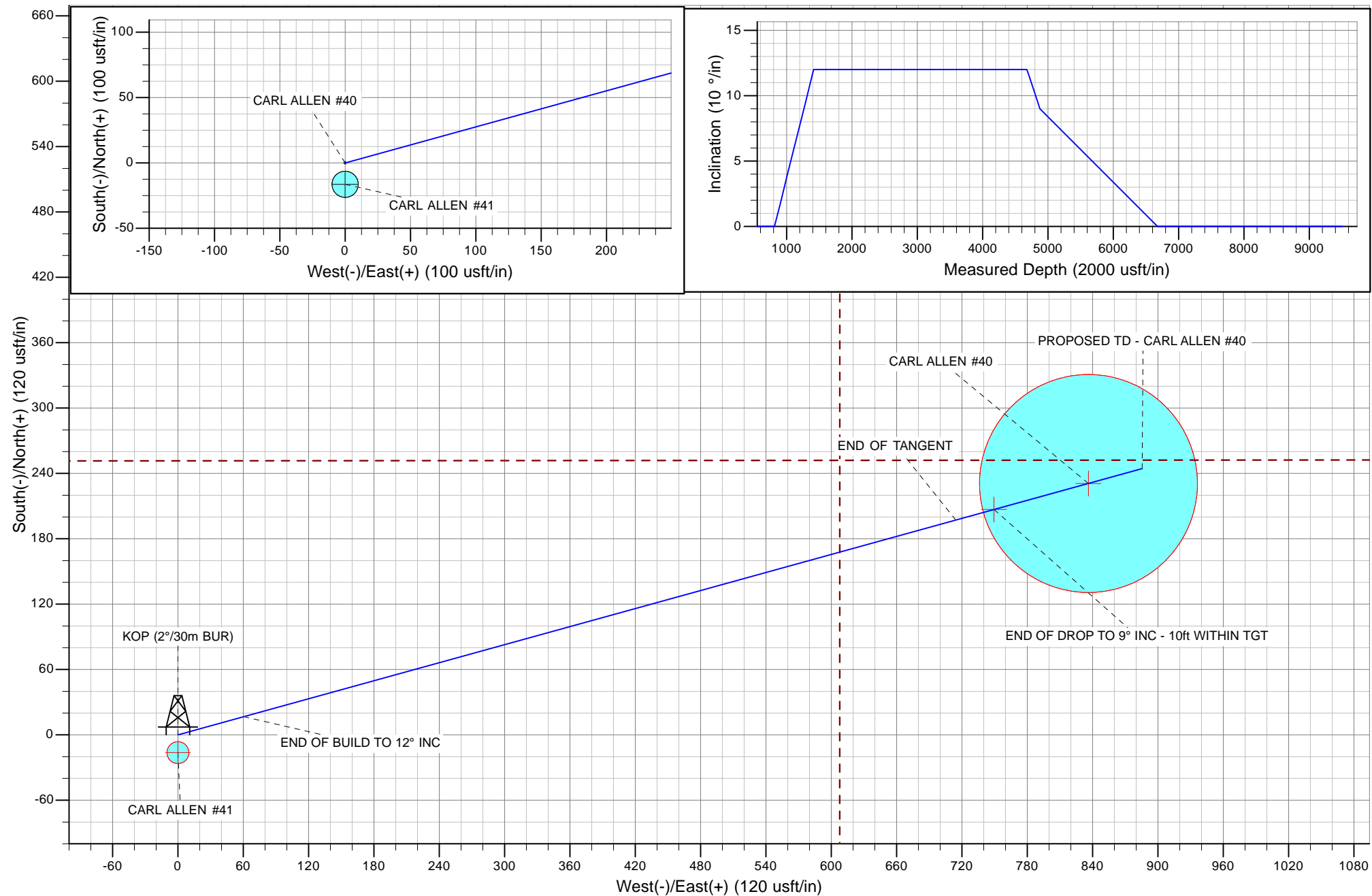
**24 January, 2011**

**Plan: PROPOSAL #2**





Project: COLORADO (MOFFAT COUNTY)  
Site: SEC. 28 TWP. 12N RGE. 97W 6th P.M. (CA)  
Well: CARL ALLEN #40  
Wellbore: ORIGINAL WELLBORE  
Design: PROPOSAL #2



Azimuths to True North  
Magnetic North: 10.76°

Magnetic Field  
Strength: 53045.9snT  
Dip Angle: 66.90°  
Date: 09/12/2010  
Model: IGRF2010

ANNOTATIONS								Annotation	
TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect			
815.9	815.9	0.00	0.00	0.0	0.0	0.0		KOP (2°/30m BUR)	
1411.5	1415.9	12.00	74.57	16.7	60.3	62.6		END OF BUILD TO 12° INC	
4603.4	4679.1	12.00	74.57	197.2	714.3	741.0		END OF TANGENT	
4800.0	4879.1	9.00	74.57	206.9	749.5	777.5		EOD TO 9° INC - 10ft WITHIN TGT	
6592.6	6679.1	0.00	0.00	244.4	885.5	918.6		END OF DROP TO VERTICAL	
9422.0	9508.4	0.00	0.00	244.4	885.5	918.6		PROPOSED TD - CARL ALLEN #40	

# Planning Report

<b>Database:</b>	EDM_5000_1_7	<b>Local Co-ordinate Reference:</b>	Well CARL ALLEN #40
<b>Company:</b>	WEXPRO COMPANY	<b>TVD Reference:</b>	KB-EST @ 6654.0usft (Original Well Elev)
<b>Project:</b>	COLORADO (MOFFAT COUNTY)	<b>MD Reference:</b>	KB-EST @ 6654.0usft (Original Well Elev)
<b>Site:</b>	SEC. 28 TWP. 12N RGE. 97W 6th P.M. (CA)	<b>North Reference:</b>	True
<b>Well:</b>	CARL ALLEN #40	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ORIGINAL WELLBORE		
<b>Design:</b>	PROPOSAL #2		

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

<b>Site</b>	SEC. 28 TWP. 12N RGE. 97W 6th P.M. (CA)		
<b>Site Position:</b>		<b>Northing:</b>	1,607,364.45 usft
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,225,788.45 usft
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16"
		<b>Latitude:</b>	40° 58' 1.110 N
		<b>Longitude:</b>	108° 18' 13.478 W
		<b>Grid Convergence:</b>	-1.81 °

<b>Well</b>	CARL ALLEN #40		
<b>Well Position</b>	<b>+N-S</b>	1.0 usft	<b>Northing:</b>
	<b>+E-W</b>	26.0 usft	<b>Easting:</b>
<b>Position Uncertainty</b>		0.0 usft	<b>Wellhead Elevation:</b>
			<b>Latitude:</b>
			<b>Longitude:</b>
			<b>Ground Level:</b>

<b>Wellbore</b>	ORIGINAL WELLBORE				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	09/12/2010	10.76	66.90	53,046

<b>Design</b>	PROPOSAL #2			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N-S (usft)</b>	<b>+E-W (usft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	74.57

<b>Plan Sections</b>											
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	-6,654.0	0.0	0.0	0.00	0.00	0.00	0.00	
815.9	0.00	0.00	815.9	-5,838.1	0.0	0.0	0.00	0.00	0.00	0.00	
1,415.9	12.00	74.57	1,411.5	-5,242.5	16.7	60.3	2.00	2.00	0.00	74.57	
4,679.1	12.00	74.57	4,603.4	-2,050.6	197.2	714.3	0.00	0.00	0.00	0.00	
4,879.1	9.00	74.57	4,800.0	-1,854.0	206.9	749.5	1.50	-1.50	0.00	180.00	10ft WITHIN CARL
6,679.1	0.00	0.00	6,592.6	-61.4	244.4	885.5	0.50	-0.50	0.00	180.00	
9,508.4	0.00	0.00	9,422.0	2,768.0	244.4	885.5	0.00	0.00	0.00	0.00	

# Planning Report

<b>Database:</b>	EDM_5000_1_7	<b>Local Co-ordinate Reference:</b>	Well CARL ALLEN #40
<b>Company:</b>	WEXPRO COMPANY	<b>TVD Reference:</b>	KB-EST @ 6654.0usft (Original Well Elev)
<b>Project:</b>	COLORADO (MOFFAT COUNTY)	<b>MD Reference:</b>	KB-EST @ 6654.0usft (Original Well Elev)
<b>Site:</b>	SEC. 28 TWP. 12N RGE. 97W 6th P.M. (CA)	<b>North Reference:</b>	True
<b>Well:</b>	CARL ALLEN #40	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ORIGINAL WELLBORE		
<b>Design:</b>	PROPOSAL #2		

## 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	6,654.00	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	6,554.00	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	6,454.00	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	6,354.00	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	6,254.00	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	6,154.00	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	6,054.00	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	5,954.00	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	5,854.00	0.0	0.0	0.0	0.00	0.00	0.00
<b>KOP (2°/30m BUR)</b>										
<b>815.9</b>	<b>0.00</b>	<b>0.00</b>	<b>815.9</b>	<b>5,838.09</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
900.0	1.68	74.57	900.0	5,754.01	0.3	1.2	1.2	2.00	2.00	0.00
1,000.0	3.68	74.57	999.9	5,654.13	1.6	5.7	5.9	2.00	2.00	0.00
1,100.0	5.68	74.57	1,099.5	5,554.47	3.7	13.6	14.1	2.00	2.00	0.00
1,200.0	7.68	74.57	1,198.9	5,455.15	6.8	24.8	25.7	2.00	2.00	0.00
1,300.0	9.68	74.57	1,297.7	5,356.30	10.9	39.3	40.8	2.00	2.00	0.00
1,400.0	11.68	74.57	1,396.0	5,258.04	15.8	57.2	59.3	2.00	2.00	0.00
<b>END OF BUILD TO 12° INC</b>										
<b>1,415.9</b>	<b>12.00</b>	<b>74.57</b>	<b>1,411.5</b>	<b>5,242.46</b>	<b>16.7</b>	<b>60.3</b>	<b>62.6</b>	<b>2.00</b>	<b>2.00</b>	<b>0.00</b>
1,500.0	12.00	74.57	1,493.8	5,160.21	21.3	77.2	80.1	0.00	0.00	0.00
1,600.0	12.00	74.57	1,591.6	5,062.40	26.8	97.2	100.9	0.00	0.00	0.00
1,700.0	12.00	74.57	1,689.4	4,964.58	32.4	117.3	121.7	0.00	0.00	0.00
1,800.0	12.00	74.57	1,787.2	4,866.77	37.9	137.3	142.5	0.00	0.00	0.00
1,900.0	12.00	74.57	1,885.0	4,768.96	43.4	157.4	163.2	0.00	0.00	0.00
2,000.0	12.00	74.57	1,982.9	4,671.14	49.0	177.4	184.0	0.00	0.00	0.00
2,100.0	12.00	74.57	2,080.7	4,573.33	54.5	197.4	204.8	0.00	0.00	0.00
2,200.0	12.00	74.57	2,178.5	4,475.51	60.0	217.5	225.6	0.00	0.00	0.00
2,300.0	12.00	74.57	2,276.3	4,377.70	65.6	237.5	246.4	0.00	0.00	0.00
2,400.0	12.00	74.57	2,374.1	4,279.88	71.1	257.6	267.2	0.00	0.00	0.00
2,500.0	12.00	74.57	2,471.9	4,182.07	76.6	277.6	288.0	0.00	0.00	0.00
2,600.0	12.00	74.57	2,569.7	4,084.25	82.2	297.7	308.8	0.00	0.00	0.00
2,700.0	12.00	74.57	2,667.6	3,986.44	87.7	317.7	329.6	0.00	0.00	0.00
2,800.0	12.00	74.57	2,765.4	3,888.62	93.2	337.7	350.4	0.00	0.00	0.00
2,900.0	12.00	74.57	2,863.2	3,790.81	98.8	357.8	371.2	0.00	0.00	0.00
3,000.0	12.00	74.57	2,961.0	3,692.99	104.3	377.8	392.0	0.00	0.00	0.00
3,100.0	12.00	74.57	3,058.8	3,595.18	109.8	397.9	412.7	0.00	0.00	0.00
3,200.0	12.00	74.57	3,156.6	3,497.36	115.3	417.9	433.5	0.00	0.00	0.00
3,300.0	12.00	74.57	3,254.5	3,399.55	120.9	438.0	454.3	0.00	0.00	0.00
3,400.0	12.00	74.57	3,352.3	3,301.73	126.4	458.0	475.1	0.00	0.00	0.00
3,500.0	12.00	74.57	3,450.1	3,203.92	131.9	478.0	495.9	0.00	0.00	0.00
3,600.0	12.00	74.57	3,547.9	3,106.10	137.5	498.1	516.7	0.00	0.00	0.00
3,700.0	12.00	74.57	3,645.7	3,008.29	143.0	518.1	537.5	0.00	0.00	0.00
3,800.0	12.00	74.57	3,743.5	2,910.47	148.5	538.2	558.3	0.00	0.00	0.00
3,900.0	12.00	74.57	3,841.3	2,812.66	154.1	558.2	579.1	0.00	0.00	0.00
4,000.0	12.00	74.57	3,939.2	2,714.85	159.6	578.2	599.9	0.00	0.00	0.00
4,100.0	12.00	74.57	4,037.0	2,617.03	165.1	598.3	620.7	0.00	0.00	0.00
4,200.0	12.00	74.57	4,134.8	2,519.22	170.7	618.3	641.4	0.00	0.00	0.00
4,300.0	12.00	74.57	4,232.6	2,421.40	176.2	638.4	662.2	0.00	0.00	0.00
4,400.0	12.00	74.57	4,330.4	2,323.59	181.7	658.4	683.0	0.00	0.00	0.00
<b>A-4-G SD</b>										
<b>4,479.3</b>	<b>12.00</b>	<b>74.57</b>	<b>4,408.0</b>	<b>2,246.00</b>	<b>186.1</b>	<b>674.3</b>	<b>699.5</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
4,500.0	12.00	74.57	4,428.2	2,225.77	187.3	678.5	703.8	0.00	0.00	0.00
4,600.0	12.00	74.57	4,526.0	2,127.96	192.8	698.5	724.6	0.00	0.00	0.00

# Planning Report

<b>Database:</b>	EDM_5000_1_7	<b>Local Co-ordinate Reference:</b>	Well CARL ALLEN #40
<b>Company:</b>	WEXPRO COMPANY	<b>TVD Reference:</b>	KB-EST @ 6654.0usft (Original Well Elev)
<b>Project:</b>	COLORADO (MOFFAT COUNTY)	<b>MD Reference:</b>	KB-EST @ 6654.0usft (Original Well Elev)
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<b>Well:</b>	CARL ALLEN #40	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ORIGINAL WELLBORE		
<b>Design:</b>	PROPOSAL #2		

## 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)
<b>END OF TANGENT</b>										
4,679.1	12.00	74.57	4,603.4	2,050.63	197.2	714.3	741.0	0.00	0.00	0.00
4,700.0	11.69	74.57	4,623.9	2,030.13	198.3	718.5	745.3	1.50	-1.50	0.00
<b>(BIG WATER SD)</b>										
4,790.8	10.32	74.57	4,713.0	1,941.00	202.9	735.2	762.7	1.50	-1.50	0.00
4,800.0	10.19	74.57	4,722.1	1,931.95	203.4	736.8	764.3	1.50	-1.50	0.00
<b>END OF DROP TO 9° INC - 10ft WITHIN TGT</b>										
4,879.1	9.00	74.57	4,800.0	1,854.00	206.9	749.5	777.5	1.50	-1.50	0.00
4,900.0	8.90	74.57	4,820.7	1,833.31	207.7	752.6	780.7	0.50	-0.50	0.00
5,000.0	8.40	74.57	4,919.6	1,734.45	211.7	767.1	795.8	0.50	-0.50	0.00
<b>A-4-H SD</b>										
5,066.1	8.06	74.57	4,985.0	1,669.00	214.2	776.2	805.2	0.50	-0.50	0.00
5,100.0	7.90	74.57	5,018.5	1,635.46	215.5	780.8	809.9	0.50	-0.50	0.00
5,200.0	7.40	74.57	5,117.7	1,536.35	219.0	793.6	823.3	0.50	-0.50	0.00
<b>FORT UNION FORMATION</b>										
5,244.7	7.17	74.57	5,162.0	1,492.00	220.5	799.0	828.9	0.50	-0.50	0.00
5,300.0	6.90	74.57	5,216.9	1,437.12	222.3	805.6	835.7	0.50	-0.50	0.00
5,400.0	6.40	74.57	5,316.2	1,337.79	225.4	816.7	847.3	0.50	-0.50	0.00
5,500.0	5.90	74.57	5,415.6	1,238.37	228.3	827.0	858.0	0.50	-0.50	0.00
5,600.0	5.40	74.57	5,515.1	1,138.85	230.9	836.5	867.8	0.50	-0.50	0.00
5,700.0	4.90	74.57	5,614.7	1,039.26	233.3	845.2	876.8	0.50	-0.50	0.00
5,800.0	4.40	74.57	5,714.4	939.59	235.4	853.0	884.9	0.50	-0.50	0.00
5,900.0	3.90	74.57	5,814.2	839.85	237.4	859.9	892.1	0.50	-0.50	0.00
6,000.0	3.40	74.57	5,913.9	740.05	239.0	866.1	898.5	0.50	-0.50	0.00
<b>L.F.U. ALLEN 8A</b>										
6,053.1	3.13	74.57	5,967.0	687.00	239.8	869.0	901.5	0.50	-0.50	0.00
6,100.0	2.90	74.57	6,013.8	640.20	240.5	871.4	903.9	0.50	-0.50	0.00
<b>L.F.U. ALLEN 8B</b>										
6,113.2	2.83	74.57	6,027.0	627.00	240.7	872.0	904.6	0.50	-0.50	0.00
<b>L.F.U. ALLEN 8C</b>										
6,157.3	2.61	74.57	6,071.0	583.00	241.2	874.0	906.7	0.50	-0.50	0.00
6,200.0	2.40	74.57	6,113.7	540.31	241.7	875.8	908.6	0.50	-0.50	0.00
<b>L.F.U. ALLEN 8D</b>										
6,204.3	2.37	74.57	6,118.0	536.00	241.8	876.0	908.7	0.50	-0.50	0.00
<b>L.F.U. ALLEN 8E</b>										
6,249.3	2.15	74.57	6,163.0	491.00	242.3	877.7	910.5	0.50	-0.50	0.00
<b>L.F.U. ALLEN 8E1</b>										
6,290.4	1.94	74.57	6,204.0	450.00	242.6	879.1	912.0	0.50	-0.50	0.00
6,300.0	1.90	74.57	6,213.6	440.38	242.7	879.4	912.3	0.50	-0.50	0.00
<b>L.F.U. ALLEN 8F</b>										
6,367.4	1.56	74.57	6,281.0	373.00	243.3	881.4	914.3	0.50	-0.50	0.00
6,400.0	1.40	74.57	6,313.6	340.42	243.5	882.2	915.2	0.50	-0.50	0.00
<b>L.F.U. ALLEN 8G</b>										
6,430.4	1.24	74.57	6,344.0	310.00	243.7	882.9	915.9	0.50	-0.50	0.00
<b>L.F.U. ALLEN 8H</b>										
6,496.4	0.91	74.57	6,410.0	244.00	244.0	884.1	917.1	0.50	-0.50	0.00
6,500.0	0.90	74.57	6,413.6	240.44	244.0	884.1	917.2	0.50	-0.50	0.00
<b>L.F.U. ALLEN 8I</b>										
6,551.4	0.64	74.57	6,465.0	189.00	244.2	884.8	917.9	0.50	-0.50	0.00
6,600.0	0.40	74.57	6,513.6	140.45	244.3	885.2	918.3	0.50	-0.50	0.00
<b>END OF DROP TO VERTICAL</b>										
6,679.1	0.00	0.00	6,592.6	61.39	244.4	885.5	918.6	0.50	-0.50	0.00

# Planning Report

<b>Database:</b>	EDM_5000_1_7	<b>Local Co-ordinate Reference:</b>	Well CARL ALLEN #40
<b>Company:</b>	WEXPRO COMPANY	<b>TVD Reference:</b>	KB-EST @ 6654.0usft (Original Well Elev)
<b>Project:</b>	COLORADO (MOFFAT COUNTY)	<b>MD Reference:</b>	KB-EST @ 6654.0usft (Original Well Elev)
<b>Site:</b>	SEC. 28 TWP. 12N RGE. 97W 6th P.M. (CA)	<b>North Reference:</b>	True
<b>Well:</b>	CARL ALLEN #40	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ORIGINAL WELLBORE		
<b>Design:</b>	PROPOSAL #2		

## 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)
<b>L.F.U. ALLEN 9A</b>										
6,685.4	0.00	0.00	6,599.0	55.00	244.4	885.5	918.6	0.00	0.00	0.00
6,700.0	0.00	0.00	6,613.6	40.45	244.4	885.5	918.6	0.00	0.00	0.00
<b>L.F.U. ALLEN 9B</b>										
6,713.4	0.00	0.00	6,627.0	27.00	244.4	885.5	918.6	0.00	0.00	0.00
6,800.0	0.00	0.00	6,713.6	-59.55	244.4	885.5	918.6	0.00	0.00	0.00
<b>L.F.U. ALLEN 9C</b>										
6,801.4	0.00	0.00	6,715.0	-61.00	244.4	885.5	918.6	0.00	0.00	0.00
6,900.0	0.00	0.00	6,813.6	-159.55	244.4	885.5	918.6	0.00	0.00	0.00
<b>L.F.U. ALLEN 11</b>										
6,927.4	0.00	0.00	6,841.0	-187.00	244.4	885.5	918.6	0.00	0.00	0.00
7,000.0	0.00	0.00	6,913.6	-259.55	244.4	885.5	918.6	0.00	0.00	0.00
7,100.0	0.00	0.00	7,013.6	-359.55	244.4	885.5	918.6	0.00	0.00	0.00
<b>L.F.U. ALLEN 11A</b>										
7,121.4	0.00	0.00	7,035.0	-381.00	244.4	885.5	918.6	0.00	0.00	0.00
7,200.0	0.00	0.00	7,113.6	-459.55	244.4	885.5	918.6	0.00	0.00	0.00
<b>L.F.U. ALLEN 11B</b>										
7,255.4	0.00	0.00	7,169.0	-515.00	244.4	885.5	918.6	0.00	0.00	0.00
7,300.0	0.00	0.00	7,213.6	-559.55	244.4	885.5	918.6	0.00	0.00	0.00
<b>L.F.U. ALLEN 11C</b>										
7,391.4	0.00	0.00	7,305.0	-651.00	244.4	885.5	918.6	0.00	0.00	0.00
7,400.0	0.00	0.00	7,313.6	-659.55	244.4	885.5	918.6	0.00	0.00	0.00
7,500.0	0.00	0.00	7,413.6	-759.55	244.4	885.5	918.6	0.00	0.00	0.00
7,600.0	0.00	0.00	7,513.6	-859.55	244.4	885.5	918.6	0.00	0.00	0.00
<b>L.F.U 4600</b>										
7,610.4	0.00	0.00	7,524.0	-870.00	244.4	885.5	918.6	0.00	0.00	0.00
7,700.0	0.00	0.00	7,613.6	-959.55	244.4	885.5	918.6	0.00	0.00	0.00
7,800.0	0.00	0.00	7,713.6	-1,059.55	244.4	885.5	918.6	0.00	0.00	0.00
<b>L.F.U. ALLEN 10A</b>										
7,821.4	0.00	0.00	7,735.0	-1,081.00	244.4	885.5	918.6	0.00	0.00	0.00
7,900.0	0.00	0.00	7,813.6	-1,159.55	244.4	885.5	918.6	0.00	0.00	0.00
<b>L.F.U. ALLEN 10B</b>										
7,930.4	0.00	0.00	7,844.0	-1,190.00	244.4	885.5	918.6	0.00	0.00	0.00
<b>L.F.U. ALLEN 10C</b>										
7,958.4	0.00	0.00	7,872.0	-1,218.00	244.4	885.5	918.6	0.00	0.00	0.00
8,000.0	0.00	0.00	7,913.6	-1,259.55	244.4	885.5	918.6	0.00	0.00	0.00
<b>L.F.U. ALLEN 6</b>										
8,051.4	0.00	0.00	7,965.0	-1,311.00	244.4	885.5	918.6	0.00	0.00	0.00
8,100.0	0.00	0.00	8,013.6	-1,359.55	244.4	885.5	918.6	0.00	0.00	0.00
<b>L.F.U. ALLEN 6A</b>										
8,118.4	0.00	0.00	8,032.0	-1,378.00	244.4	885.5	918.6	0.00	0.00	0.00
<b>L.F.U. ALLEN 6B</b>										
8,181.4	0.00	0.00	8,095.0	-1,441.00	244.4	885.5	918.6	0.00	0.00	0.00
8,200.0	0.00	0.00	8,113.6	-1,459.55	244.4	885.5	918.6	0.00	0.00	0.00
<b>L.F.U. ALLEN 6C</b>										
8,239.4	0.00	0.00	8,153.0	-1,499.00	244.4	885.5	918.6	0.00	0.00	0.00
8,300.0	0.00	0.00	8,213.6	-1,559.55	244.4	885.5	918.6	0.00	0.00	0.00
<b>L.F.U. ALLEN 6D</b>										
8,301.4	0.00	0.00	8,215.0	-1,561.00	244.4	885.5	918.6	0.00	0.00	0.00
<b>L.F.U. ALLEN 6E</b>										
8,351.4	0.00	0.00	8,265.0	-1,611.00	244.4	885.5	918.6	0.00	0.00	0.00
8,400.0	0.00	0.00	8,313.6	-1,659.55	244.4	885.5	918.6	0.00	0.00	0.00

# Planning Report

<b>Database:</b>	EDM_5000_1_7	<b>Local Co-ordinate Reference:</b>	Well CARL ALLEN #40
<b>Company:</b>	WEXPRO COMPANY	<b>TVD Reference:</b>	KB-EST @ 6654.0usft (Original Well Elev)
<b>Project:</b>	COLORADO (MOFFAT COUNTY)	<b>MD Reference:</b>	KB-EST @ 6654.0usft (Original Well Elev)
<b>Site:</b>	SEC. 28 TWP. 12N RGE. 97W 6th P.M. (CA)	<b>North Reference:</b>	True
<b>Well:</b>	CARL ALLEN #40	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ORIGINAL WELLBORE		
<b>Design:</b>	PROPOSAL #2		

## 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)
8,500.0	0.00	0.00	8,413.6	-1,759.55	244.4	885.5	918.6	0.00	0.00	0.00
<b>L.F.U. ALLEN 6F</b>										
<b>8,544.4</b>	<b>0.00</b>	<b>0.00</b>	<b>8,458.0</b>	<b>-1,804.00</b>	<b>244.4</b>	<b>885.5</b>	<b>918.6</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>L.F.U. ALLEN 6G</b>										
<b>8,586.4</b>	<b>0.00</b>	<b>0.00</b>	<b>8,500.0</b>	<b>-1,846.00</b>	<b>244.4</b>	<b>885.5</b>	<b>918.6</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
8,600.0	0.00	0.00	8,513.6	-1,859.55	244.4	885.5	918.6	0.00	0.00	0.00
<b>L.F.U. ALLEN 6H</b>										
<b>8,663.4</b>	<b>0.00</b>	<b>0.00</b>	<b>8,577.0</b>	<b>-1,923.00</b>	<b>244.4</b>	<b>885.5</b>	<b>918.6</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
8,700.0	0.00	0.00	8,613.6	-1,959.55	244.4	885.5	918.6	0.00	0.00	0.00
<b>L.F.U. ALLEN 6I</b>										
<b>8,754.4</b>	<b>0.00</b>	<b>0.00</b>	<b>8,668.0</b>	<b>-2,014.00</b>	<b>244.4</b>	<b>885.5</b>	<b>918.6</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>L.F.U. ALLEN 6J</b>										
<b>8,783.4</b>	<b>0.00</b>	<b>0.00</b>	<b>8,697.0</b>	<b>-2,043.00</b>	<b>244.4</b>	<b>885.5</b>	<b>918.6</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
8,800.0	0.00	0.00	8,713.6	-2,059.55	244.4	885.5	918.6	0.00	0.00	0.00
<b>L.F.U. ALLEN 6K</b>										
<b>8,825.4</b>	<b>0.00</b>	<b>0.00</b>	<b>8,739.0</b>	<b>-2,085.00</b>	<b>244.4</b>	<b>885.5</b>	<b>918.6</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
8,900.0	0.00	0.00	8,813.6	-2,159.55	244.4	885.5	918.6	0.00	0.00	0.00
9,000.0	0.00	0.00	8,913.6	-2,259.55	244.4	885.5	918.6	0.00	0.00	0.00
<b>LNCE</b>										
<b>9,025.4</b>	<b>0.00</b>	<b>0.00</b>	<b>8,939.0</b>	<b>-2,285.00</b>	<b>244.4</b>	<b>885.5</b>	<b>918.6</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
9,100.0	0.00	0.00	9,013.6	-2,359.55	244.4	885.5	918.6	0.00	0.00	0.00
<b>FXHL</b>										
<b>9,108.4</b>	<b>0.00</b>	<b>0.00</b>	<b>9,022.0</b>	<b>-2,368.00</b>	<b>244.4</b>	<b>885.5</b>	<b>918.6</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
9,200.0	0.00	0.00	9,113.6	-2,459.55	244.4	885.5	918.6	0.00	0.00	0.00
9,300.0	0.00	0.00	9,213.6	-2,559.55	244.4	885.5	918.6	0.00	0.00	0.00
9,400.0	0.00	0.00	9,313.6	-2,659.55	244.4	885.5	918.6	0.00	0.00	0.00
9,500.0	0.00	0.00	9,413.6	-2,759.55	244.4	885.5	918.6	0.00	0.00	0.00
<b>PROPOSED TD - CARL ALLEN #40</b>										
<b>9,508.4</b>	<b>0.00</b>	<b>0.00</b>	<b>9,422.0</b>	<b>-2,768.00</b>	<b>244.4</b>	<b>885.5</b>	<b>918.6</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

# Planning Report

<b>Database:</b>	EDM_5000_1_7	<b>Local Co-ordinate Reference:</b>	Well CARL ALLEN #40
<b>Company:</b>	WEXPRO COMPANY	<b>TVD Reference:</b>	KB-EST @ 6654.0usft (Original Well Elev)
<b>Project:</b>	COLORADO (MOFFAT COUNTY)	<b>MD Reference:</b>	KB-EST @ 6654.0usft (Original Well Elev)
<b>Site:</b>	SEC. 28 TWP. 12N RGE. 97W 6th P.M. (CA)	<b>North Reference:</b>	True
<b>Well:</b>	CARL ALLEN #40	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ORIGINAL WELLBORE		
<b>Design:</b>	PROPOSAL #2		

Formations						
MD (usft)	TVD (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,479.3	4,408.0	A-4-G SD				
4,790.8	4,713.0	(BIG WATER SD)				
5,066.1	4,985.0	A-4-H SD				
5,244.7	5,162.0	FORT UNION FORMATION				
6,053.1	5,967.0	L.F.U. ALLEN 8A				
6,113.2	6,027.0	L.F.U. ALLEN 8B				
6,157.3	6,071.0	L.F.U. ALLEN 8C				
6,204.3	6,118.0	L.F.U. ALLEN 8D				
6,249.3	6,163.0	L.F.U. ALLEN 8E				
6,290.4	6,204.0	L.F.U. ALLEN 8E1				
6,367.4	6,281.0	L.F.U. ALLEN 8F				
6,430.4	6,344.0	L.F.U. ALLEN 8G				
6,496.4	6,410.0	L.F.U. ALLEN 8H				
6,551.4	6,465.0	L.F.U. ALLEN 8I				
6,685.4	6,599.0	L.F.U. ALLEN 9A				
6,713.4	6,627.0	L.F.U. ALLEN 9B				
6,801.4	6,715.0	L.F.U. ALLEN 9C				
6,927.4	6,841.0	L.F.U. ALLEN 11				
7,121.4	7,035.0	L.F.U. ALLEN 11A				
7,255.4	7,169.0	L.F.U. ALLEN 11B				
7,391.4	7,305.0	L.F.U. ALLEN 11C				
7,610.4	7,524.0	L.F.U. 4600				
7,821.4	7,735.0	L.F.U. ALLEN 10A				
7,930.4	7,844.0	L.F.U. ALLEN 10B				
7,958.4	7,872.0	L.F.U. ALLEN 10C				
8,051.4	7,965.0	L.F.U. ALLEN 6				
8,118.4	8,032.0	L.F.U. ALLEN 6A				
8,181.4	8,095.0	L.F.U. ALLEN 6B				
8,239.4	8,153.0	L.F.U. ALLEN 6C				
8,301.4	8,215.0	L.F.U. ALLEN 6D				
8,351.4	8,265.0	L.F.U. ALLEN 6E				
8,544.4	8,458.0	L.F.U. ALLEN 6F				
8,586.4	8,500.0	L.F.U. ALLEN 6G				
8,663.4	8,577.0	L.F.U. ALLEN 6H				
8,754.4	8,668.0	L.F.U. ALLEN 6I				
8,783.4	8,697.0	L.F.U. ALLEN 6J				
8,825.4	8,739.0	L.F.U. ALLEN 6K				
9,025.4	8,939.0	LNCE				
9,108.4	9,022.0	FXHL				



## Planning Report

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<b>Company:</b>	WEXPRO COMPANY	<b>TVD Reference:</b>	KB-EST @ 6654.0usft (Original Well Elev)
<b>Project:</b>	COLORADO (MOFFAT COUNTY)	<b>MD Reference:</b>	KB-EST @ 6654.0usft (Original Well Elev)
<b>Site:</b>	SEC. 28 TWP. 12N RGE. 97W 6th P.M. (CA)	<b>North Reference:</b>	True
<b>Well:</b>	CARL ALLEN #40	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ORIGINAL WELLBORE		
<b>Design:</b>	PROPOSAL #2		

Plan Annotations				
Local Coordinates				
MD (usft)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Comment
815.9	815.9	0.0	0.0	KOP (2°/30m BUR)
1,415.9	1,411.5	16.7	60.3	END OF BUILD TO 12° INC
4,679.1	4,603.4	197.2	714.3	END OF TANGENT
4,879.1	4,800.0	206.9	749.5	END OF DROP TO 9° INC - 10ft WITHIN TGT
6,679.1	6,592.6	244.4	885.5	END OF DROP TO VERTICAL
9,508.4	9,422.0	244.4	885.5	PROPOSED TD - CARL ALLEN #40