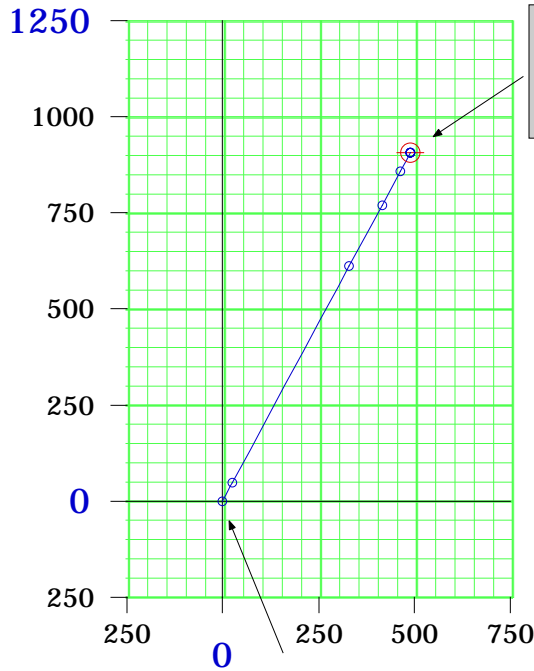


Ursa Operating Company LLC

Norcross Well A-13
Garfield County, CO



Horizontal Plan
1" = 500'



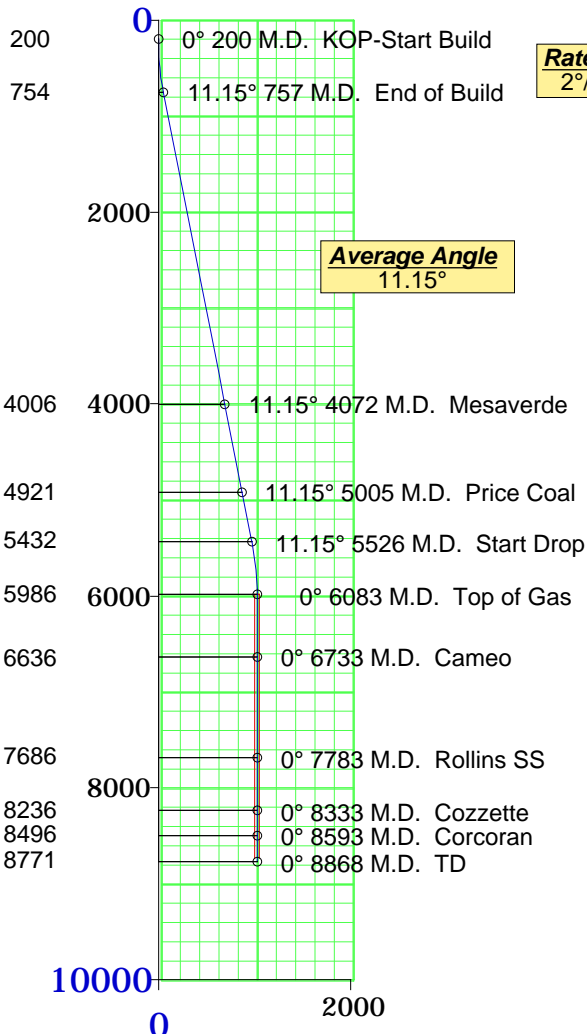
Top of Gas
1029.84' Displacement
@ 28.33° Azimuth
North-906.52' East-488.66'
TVD-5986' MD-6083'
Y=1624000.7', X=2371839'

Target Area
25' Radius

28.33

Plane of Proposal
28.33° Azimuth

Vertical Section
1" = 2000'



Rate of Build
2°/100' MD

Average Angle
11.15°

Rate of Drop
2°/100' MD

Surface Location
Y=1623094.22'
X=2371350.35'
NAD 83

Formation	TVD
Mesaverde	4006
Price Coal	4921
Top Gas	5986
Cameo	6636
Rollins SS	7686
Cozzette	8236
Corcoran	8496
TD	8771



Ursa Operating Company LLC
Norcross Well A-13 Garfield
County, CO



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Minimum of Curvature
Slot Location: 1623094.22', 2371350.35'
Plane of Vertical Section: 28.33°

Measured Depth Feet	BORE Inc Degrees	HOLE Direction Degrees	True Vertical Depth Feet	RECTANGULAR COORDINATES		LAMBERT COORDINATES		Vertical Section Feet	CLOSURES		Dogleg Severity Deg/100'
				North(-South) Feet	East(-West) Feet	Y Feet	X Feet		Distance Feet	Direction Deg	
200.00	0.00	0.00	200.00	0.00	0.00	1623094.2	2371350.3	0.00	0.00	0.00	0.00
KOP-Start Build											
300.00	2.00	28.33	299.98	1.54	0.83	1623095.8	2371351.2	1.75	1.75	28.33	2.00
400.00	4.00	28.33	399.84	6.14	3.31	1623100.4	2371353.7	6.98	6.98	28.33	2.00
500.00	6.00	28.33	499.45	13.81	7.45	1623108.0	2371357.8	15.69	15.69	28.33	2.00
600.00	8.00	28.33	598.70	24.54	13.23	1623118.8	2371363.6	27.88	27.88	28.33	2.00
700.00	10.00	28.33	697.47	38.31	20.65	1623132.5	2371371.0	43.52	43.52	28.33	2.00
757.32	11.15	28.33	753.81	47.57	25.64	1623141.8	2371376.0	54.04	54.04	28.33	2.00
End of Build											
1257.32	11.15	28.33	1244.38	132.65	71.50	1623226.9	2371421.9	150.69	150.69	28.33	0.00
1757.32	11.15	28.33	1734.95	217.73	117.37	1623311.9	2371467.7	247.35	247.35	28.33	0.00
2257.32	11.15	28.33	2225.51	302.81	163.23	1623397.0	2371513.6	344.00	344.00	28.33	0.00
2757.32	11.15	28.33	2716.08	387.89	209.09	1623482.1	2371559.4	440.66	440.66	28.33	0.00
3257.32	11.15	28.33	3206.65	472.97	254.96	1623567.2	2371605.3	537.31	537.31	28.33	0.00
3757.32	11.15	28.33	3697.22	558.05	300.82	1623652.3	2371651.2	633.97	633.97	28.33	0.00
4072.04	11.15	28.33	4006.00	611.61	329.69	1623705.8	2371680.0	694.81	694.81	28.33	0.00
Mesaverde											
4572.03	11.15	28.33	4496.57	696.69	375.55	1623790.9	2371725.9	791.46	791.46	28.33	0.00
5004.63	11.15	28.33	4921.00	770.30	415.23	1623864.5	2371765.6	875.09	875.09	28.33	0.00
Price Coal											
5504.63	11.15	28.33	5411.57	855.38	461.09	1623949.6	2371811.4	971.74	971.74	28.33	0.00
5525.65	11.15	28.33	5432.20	858.96	463.02	1623953.2	2371813.4	975.80	975.80	28.33	0.00
Start Drop											
5625.65	9.15	28.33	5530.63	874.46	471.38	1623968.7	2371821.7	993.42	993.42	28.33	2.00
5725.65	7.15	28.33	5629.62	886.93	478.10	1623981.2	2371828.5	1007.59	1007.59	28.33	2.00
5825.65	5.15	28.33	5729.04	896.36	483.18	1623990.6	2371833.5	1018.29	1018.29	28.33	2.00
5925.65	3.15	28.33	5828.77	902.72	486.61	1623996.9	2371837.0	1025.52	1025.52	28.33	2.00
6025.65	1.15	28.33	5928.69	906.02	488.39	1624000.2	2371838.7	1029.27	1029.27	28.33	2.00

Measured Depth Feet	BORE Inc Degrees	HOLE Direction Degrees	True Vertical Depth Feet	RECTANGULAR COORDINATES		LAMBERT COORDINATES		Vertical Section Feet	CLOSURES		Dogleg Severity Deg/100'
				North(-South)	East(-West)	Y Feet	X Feet		Distance Feet	Direction Deg	
				Feet	Feet						
6082.96	0.00	28.33	5986.00	906.52	488.66	1624000.7	2371839.0	1029.84	1029.84	28.33	2.00
Top of Gas											
6732.96	0.00	28.33	6636.01	906.52	488.66	1624000.7	2371839.0	1029.84	1029.84	28.33	0.00
Cameo											
7782.96	0.00	28.33	7686.01	906.52	488.66	1624000.7	2371839.0	1029.84	1029.84	28.33	0.00
Rollins SS											
8332.96	0.00	28.33	8236.01	906.52	488.66	1624000.7	2371839.0	1029.84	1029.84	28.33	0.00
Cozzette											
8592.96	0.00	28.33	8496.01	906.52	488.66	1624000.7	2371839.0	1029.84	1029.84	28.33	0.00
Corcoran											
8867.96	0.00	28.33	8771.01	906.52	488.66	1624000.7	2371839.0	1029.84	1029.84	28.33	0.00
TD											
Final Station Closure Distance: 1029.84' Direction: 28.33°											