

Co: Yates Petroleum Corporation

Drillers: 0

Units: Feet, ° 7100ft

Well Name: Black Raider BQK State Com. #1H

Location: Sect. 36, 24S-34E

Tgt TVD: 9600.00

Tgt MD: 0.00

Tgt N/S: 330.00

Tgt EW: 4290.00

Method: Minimum Curvature

No.	MD	CL	Inc.	Azi.	TVD	VS	+N/S-	+EW-	BR	WR	DLS	Comments
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
1	912.00	912.00	0.00	0.00	912.00	0.00	0.00	0.00	0.00	0.00	0.00	Rustler
2	3660.00	2748.00	0.00	0.00	3660.00	0.00	0.00	0.00	0.00	0.00	0.00	Castille
3	4220.00	560.00	0.00	0.00	4220.00	0.00	0.00	0.00	0.00	0.00	0.00	Base of Salt
4	5550.00	1330.00	0.00	0.00	5550.00	0.00	0.00	0.00	0.00	0.00	0.00	Bell Canyon
5	6530.00	980.00	0.00	0.00	6530.00	0.00	0.01	0.00	0.00	0.00	0.00	Cherry Canyon
6	8100.00	1570.00	0.00	0.00	8100.00	0.00	0.01	0.00	0.00	0.00	0.00	Brushy Canyon
7	9122.54	9122.54	0.00	85.60	9122.54	0.00	0.01	0.00	0.00	0.94	0.00	KOP
8	9200.00	77.46	9.30	85.60	9199.66	6.27	0.49	6.25	12.00	0.00	12.00	
9	9300.00	100.00	21.30	85.60	9295.94	32.60	2.51	32.51	12.00	0.00	12.00	
10	9394.47	94.47	32.63	85.60	9380.01	75.37	5.79	75.14	12.00	0.00	12.00	Bone Springs
11	9400.00	100.00	33.30	85.60	9384.64	78.38	6.02	78.15	12.00	0.00	12.00	
12	9469.78	69.78	41.67	85.60	9439.96	120.80	9.27	120.45	12.01	0.00	12.01	Avalon Shale
13	9500.00	100.00	45.30	85.60	9461.89	141.59	10.87	141.18	12.00	0.00	12.00	
14	9600.00	100.00	57.30	85.60	9524.31	219.49	16.84	218.84	12.00	0.00	12.00	
15	9700.00	100.00	69.30	85.60	9569.16	308.66	23.68	307.75	12.00	0.00	12.00	
16	9800.00	100.00	81.30	85.60	9594.50	405.21	31.09	404.01	12.00	0.00	12.00	
17	9872.53	750.00	90.00	85.60	9600.00	477.46	36.63	476.06	12.00	0.00	12.00	Avalon Shale Target
18	13697.74	3825.21	90.00	85.60	9600.01	4302.67	330.00	4290.00	0.00	0.00	0.00	Lateral TD

30-025-40088

