

V-F Petroleum Inc.
Standard Planning Report
Getty 1 State #232H

Location: 1-22S-34E
 Pool: Grama Ridge; Bone Spring, NE [28435]
 GL Elev: 3560
 Method: Minimum Curvature

30-025-~~44598~~

Surface Latitude: 32.414382
 Surface Longitude: -103.42677
 Bottom Hole Latitude: 32.427304
 Bottom Hole Longitude: -103.42673

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Measured			Vertical			Vertical	Dogleg	Build
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Section	Rate	Rate
(ft)	(deg)	(deg)	(ft)	(ft)	(ft)	(ft)	(deg/100ft)	(deg/100ft)
0	0.0	359.7	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	359.7	100.0	0.0	0.0	0.0	0.0	0.0
200	0.0	359.7	200.0	0.0	0.0	0.0	0.0	0.0
300	0.0	359.7	300.0	0.0	0.0	0.0	0.0	0.0
400	0.0	359.7	400.0	0.0	0.0	0.0	0.0	0.0
500	0.0	359.7	500.0	0.0	0.0	0.0	0.0	0.0
600	0.0	359.7	600.0	0.0	0.0	0.0	0.0	0.0
700	0.0	359.7	700.0	0.0	0.0	0.0	0.0	0.0
800	0.0	359.7	800.0	0.0	0.0	0.0	0.0	0.0
900	0.0	359.7	900.0	0.0	0.0	0.0	0.0	0.0
1000	0.0	359.7	1000.0	0.0	0.0	0.0	0.0	0.0
1100	0.0	359.7	1100.0	0.0	0.0	0.0	0.0	0.0
1200	0.0	359.7	1200.0	0.0	0.0	0.0	0.0	0.0
1300	0.0	359.7	1300.0	0.0	0.0	0.0	0.0	0.0
1400	0.0	359.7	1400.0	0.0	0.0	0.0	0.0	0.0
1500	0.0	359.7	1500.0	0.0	0.0	0.0	0.0	0.0
1600	0.0	359.7	1600.0	0.0	0.0	0.0	0.0	0.0
1700	0.0	359.7	1700.0	0.0	0.0	0.0	0.0	0.0
1800	0.0	359.7	1800.0	0.0	0.0	0.0	0.0	0.0
1900	0.0	359.7	1900.0	0.0	0.0	0.0	0.0	0.0
2000	0.0	359.7	2000.0	0.0	0.0	0.0	0.0	0.0
2100	0.0	359.7	2100.0	0.0	0.0	0.0	0.0	0.0
2200	0.0	359.7	2200.0	0.0	0.0	0.0	0.0	0.0
2300	0.0	359.7	2300.0	0.0	0.0	0.0	0.0	0.0
2400	0.0	359.7	2400.0	0.0	0.0	0.0	0.0	0.0
2500	0.0	359.7	2500.0	0.0	0.0	0.0	0.0	0.0
2600	0.0	359.7	2600.0	0.0	0.0	0.0	0.0	0.0
2700	0.0	359.7	2700.0	0.0	0.0	0.0	0.0	0.0
2800	0.0	359.7	2800.0	0.0	0.0	0.0	0.0	0.0
2900	0.0	359.7	2900.0	0.0	0.0	0.0	0.0	0.0
3000	0.0	359.7	3000.0	0.0	0.0	0.0	0.0	0.0
3100	0.0	359.7	3100.0	0.0	0.0	0.0	0.0	0.0
3200	0.0	359.7	3200.0	0.0	0.0	0.0	0.0	0.0
3300	0.0	359.7	3300.0	0.0	0.0	0.0	0.0	0.0
3400	0.0	359.7	3400.0	0.0	0.0	0.0	0.0	0.0
3500	0.0	359.7	3500.0	0.0	0.0	0.0	0.0	0.0
3600	0.0	359.7	3600.0	0.0	0.0	0.0	0.0	0.0
3700	0.0	359.7	3700.0	0.0	0.0	0.0	0.0	0.0
3800	0.0	359.7	3800.0	0.0	0.0	0.0	0.0	0.0
3900	0.0	359.7	3900.0	0.0	0.0	0.0	0.0	0.0
4000	0.0	359.7	4000.0	0.0	0.0	0.0	0.0	0.0

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Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Section	Rate	Rate
(ft)	(deg)	(deg)	(ft)	(ft)	(ft)	(ft)	(deg/100ft)	(deg/100ft)
4100	0.0	359.7	4100.0	0.0	0.0	0.0	0.0	0.0
4200	0.0	359.7	4200.0	0.0	0.0	0.0	0.0	0.0
4300	0.0	359.7	4300.0	0.0	0.0	0.0	0.0	0.0
4400	0.0	359.7	4400.0	0.0	0.0	0.0	0.0	0.0
4500	0.0	359.7	4500.0	0.0	0.0	0.0	0.0	0.0
4600	0.0	359.7	4600.0	0.0	0.0	0.0	0.0	0.0
4700	0.0	359.7	4700.0	0.0	0.0	0.0	0.0	0.0
4800	0.0	359.7	4800.0	0.0	0.0	0.0	0.0	0.0
4900	0.0	359.7	4900.0	0.0	0.0	0.0	0.0	0.0
5000	0.0	359.7	5000.0	0.0	0.0	0.0	0.0	0.0
5100	0.0	359.7	5100.0	0.0	0.0	0.0	0.0	0.0
5200	0.0	359.7	5200.0	0.0	0.0	0.0	0.0	0.0
5300	0.0	359.7	5300.0	0.0	0.0	0.0	0.0	0.0
5400	0.0	359.7	5400.0	0.0	0.0	0.0	0.0	0.0
5500	0.0	359.7	5500.0	0.0	0.0	0.0	0.0	0.0
5600	0.0	359.7	5600.0	0.0	0.0	0.0	0.0	0.0
5700	0.0	359.7	5700.0	0.0	0.0	0.0	0.0	0.0
5800	0.0	359.7	5800.0	0.0	0.0	0.0	0.0	0.0
5900	0.0	359.7	5900.0	0.0	0.0	0.0	0.0	0.0
6000	0.0	359.7	6000.0	0.0	0.0	0.0	0.0	0.0
6100	0.0	359.7	6100.0	0.0	0.0	0.0	0.0	0.0
6200	0.0	359.7	6200.0	0.0	0.0	0.0	0.0	0.0
6300	0.0	359.7	6300.0	0.0	0.0	0.0	0.0	0.0
6400	0.0	359.7	6400.0	0.0	0.0	0.0	0.0	0.0
6500	0.0	359.7	6500.0	0.0	0.0	0.0	0.0	0.0
6600	0.0	359.7	6600.0	0.0	0.0	0.0	0.0	0.0
6700	0.0	359.7	6700.0	0.0	0.0	0.0	0.0	0.0
6800	0.0	359.7	6800.0	0.0	0.0	0.0	0.0	0.0
6900	0.0	359.7	6900.0	0.0	0.0	0.0	0.0	0.0
7000	0.0	359.7	7000.0	0.0	0.0	0.0	0.0	0.0
7100	0.0	359.7	7100.0	0.0	0.0	0.0	0.0	0.0
7200	0.0	359.7	7200.0	0.0	0.0	0.0	0.0	0.0
7300	0.0	359.7	7300.0	0.0	0.0	0.0	0.0	0.0
7400	0.0	359.7	7400.0	0.0	0.0	0.0	0.0	0.0
7500	0.0	359.7	7500.0	0.0	0.0	0.0	0.0	0.0
7600	0.0	359.7	7600.0	0.0	0.0	0.0	0.0	0.0
7700	0.0	359.7	7700.0	0.0	0.0	0.0	0.0	0.0
7800	0.0	359.7	7800.0	0.0	0.0	0.0	0.0	0.0
7900	0.0	359.7	7900.0	0.0	0.0	0.0	0.0	0.0
8000	0.0	359.7	8000.0	0.0	0.0	0.0	0.0	0.0
8100	0.0	359.7	8100.0	0.0	0.0	0.0	0.0	0.0

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Measured			Vertical			Vertical	Dogleg	Build
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Section	Rate	Rate
(ft)	(deg)	(deg)	(ft)	(ft)	(ft)	(ft)	(deg/100ft)	(deg/100ft)
8200	0.0	359.7	8200.0	0.0	0.0	0.0	0.0	0.0
8300	0.0	359.7	8300.0	0.0	0.0	0.0	0.0	0.0
8400	0.0	359.7	8400.0	0.0	0.0	0.0	0.0	0.0
8500	0.0	359.7	8500.0	0.0	0.0	0.0	0.0	0.0
8600	0.0	359.7	8600.0	0.0	0.0	0.0	0.0	0.0
8700	0.0	359.7	8700.0	0.0	0.0	0.0	0.0	0.0
8800	0.0	359.7	8800.0	0.0	0.0	0.0	0.0	0.0
8900	0.0	359.7	8900.0	0.0	0.0	0.0	0.0	0.0
9000	0.0	359.7	9000.0	0.0	0.0	0.0	0.0	0.0
9100	0.0	359.7	9100.0	0.0	0.0	0.0	0.0	0.0
9200	0.0	359.7	9200.0	0.0	0.0	0.0	0.0	0.0
9300	0.0	359.7	9300.0	0.0	0.0	0.0	0.0	0.0
9400	0.0	359.7	9400.0	0.0	0.0	0.0	0.0	0.0
9500	0.0	359.7	9500.0	0.0	0.0	0.0	0.0	0.0
9600	0.0	359.7	9600.0	0.0	0.0	0.0	0.0	0.0
9700	0.0	359.7	9700.0	0.0	0.0	0.0	0.0	0.0
9800	0.0	359.7	9800.0	0.0	0.0	0.0	0.0	0.0
9900	0.0	359.7	9900.0	0.0	0.0	0.0	0.0	0.0
10000	0.0	359.7	10000.0	0.0	0.0	0.0	0.0	0.0
10100	0.0	359.7	10100.0	0.0	0.0	0.0	0.0	0.0
10200	0.0	359.7	10200.0	0.0	0.0	0.0	0.0	0.0
10300	0.0	359.7	10300.0	0.0	0.0	0.0	0.0	0.0
10400	0.0	359.7	10400.0	0.0	0.0	0.0	0.0	0.0
10500	0.0	359.7	10500.0	0.0	0.0	0.0	0.0	0.0
10600	0.0	359.7	10600.0	0.0	0.0	0.0	0.0	0.0
10696	0.0	359.7	10695.5	0.0	0.0	0.0	0.0	0.0
10706	1.2	359.7	10705.5	0.1	0.0	0.1	12.0	12.0
10716	2.4	359.7	10715.5	0.4	0.0	0.4	12.0	12.0
10726	3.6	359.7	10725.5	1.0	0.0	1.0	12.0	12.0
10736	4.8	359.7	10735.5	1.7	0.0	1.7	12.0	12.0
10746	6.0	359.7	10745.5	2.6	0.0	2.6	12.0	12.0
10756	7.2	359.7	10755.4	3.8	0.0	3.8	12.0	12.0
10766	8.4	359.7	10765.3	5.1	0.0	5.1	12.0	12.0
10776	9.6	359.7	10775.2	6.7	0.0	6.7	12.0	12.0
10786	10.8	359.7	10785.0	8.5	0.0	8.5	12.0	12.0
10796	12.0	359.7	10794.8	10.4	-0.1	10.4	12.0	12.0
10806	13.2	359.7	10804.6	12.6	-0.1	12.6	12.0	12.0
10816	14.4	359.7	10814.3	15.0	-0.1	15.0	12.0	12.0
10826	15.6	359.7	10824.0	17.6	-0.1	17.6	12.0	12.0
10836	16.8	359.7	10833.6	20.4	-0.1	20.4	12.0	12.0
10846	18.0	359.7	10843.1	23.4	-0.1	23.4	12.0	12.0

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Measured			Vertical			Vertical	Dogleg	Build
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Section	Rate	Rate
(ft)	(deg)	(deg)	(ft)	(ft)	(ft)	(ft)	(deg/100ft)	(deg/100ft)
10856	19.2	359.7	10852.6	26.6	-0.2	26.6	12.0	12.0
10866	20.4	359.7	10862.0	30.0	-0.2	30.0	12.0	12.0
10876	21.6	359.7	10871.3	33.5	-0.2	33.5	12.0	12.0
10886	22.8	359.7	10880.6	37.3	-0.2	37.3	12.0	12.0
10896	24.0	359.7	10889.8	41.3	-0.2	41.3	12.0	12.0
10906	25.2	359.7	10898.9	45.5	-0.3	45.5	12.0	12.0
10916	26.4	359.7	10907.9	49.8	-0.3	49.8	12.0	12.0
10926	27.6	359.7	10916.8	54.3	-0.3	54.3	12.0	12.0
10936	28.8	359.7	10925.6	59.1	-0.3	59.1	12.0	12.0
10946	30.0	359.7	10934.3	64.0	-0.4	64.0	12.0	12.0
10956	31.2	359.7	10942.9	69.1	-0.4	69.1	12.0	12.0
10966	32.4	359.7	10951.4	74.3	-0.4	74.3	12.0	12.0
10976	33.6	359.7	10959.8	79.8	-0.5	79.8	12.0	12.0
10986	34.8	359.7	10968.1	85.4	-0.5	85.4	12.0	12.0
10996	36.0	359.7	10976.3	91.2	-0.5	91.2	12.0	12.0
11006	37.2	359.7	10984.3	97.2	-0.6	97.2	12.0	12.0
11016	38.4	359.7	10992.2	103.3	-0.6	103.3	12.0	12.0
11026	39.6	359.7	11000.0	109.6	-0.6	109.6	12.0	12.0
11036	40.8	359.7	11007.6	116.0	-0.7	116.0	12.0	12.0
11046	42.0	359.7	11015.1	122.6	-0.7	122.6	12.0	12.0
11056	43.2	359.7	11022.5	129.4	-0.8	129.4	12.0	12.0
11066	44.4	359.7	11029.7	136.3	-0.8	136.3	12.0	12.0
11076	45.6	359.7	11036.8	143.4	-0.8	143.4	12.0	12.0
11086	46.8	359.7	11043.7	150.6	-0.9	150.6	12.0	12.0
11096	48.0	359.7	11050.5	158.0	-0.9	158.0	12.0	12.0
11106	49.2	359.7	11057.1	165.5	-1.0	165.5	12.0	12.0
11116	50.4	359.7	11063.6	173.1	-1.0	173.1	12.0	12.0
11126	51.6	359.7	11069.9	180.9	-1.1	180.9	12.0	12.0
11136	52.8	359.7	11076.0	188.8	-1.1	188.8	12.0	12.0
11146	54.0	359.7	11082.0	196.8	-1.1	196.8	12.0	12.0
11156	55.2	359.7	11087.8	205.0	-1.2	205.0	12.0	12.0
11166	56.4	359.7	11093.4	213.2	-1.2	213.3	12.0	12.0
11176	57.6	359.7	11098.8	221.6	-1.3	221.6	12.0	12.0
11186	58.8	359.7	11104.1	230.1	-1.3	230.1	12.0	12.0
11196	60.0	359.7	11109.2	238.7	-1.4	238.7	12.0	12.0
11206	61.2	359.7	11114.1	247.5	-1.4	247.5	12.0	12.0
11216	62.4	359.7	11118.8	256.3	-1.5	256.3	12.0	12.0
11226	63.6	359.7	11123.3	265.2	-1.5	265.2	12.0	12.0
11236	64.8	359.7	11127.7	274.2	-1.6	274.2	12.0	12.0
11246	66.0	359.7	11131.9	283.3	-1.7	283.3	12.0	12.0
11256	67.2	359.7	11135.9	292.4	-1.7	292.5	12.0	12.0

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(ft)	(deg)	(deg)	(ft)	(ft)	(ft)	(ft)	(deg/100ft)	(deg/100ft)
11266	68.4	359.7	11139.7	301.7	-1.8	301.7	12.0	12.0
11276	69.6	359.7	11143.3	311.0	-1.8	311.0	12.0	12.0
11286	70.8	359.7	11146.7	320.4	-1.9	320.5	12.0	12.0
11296	72.0	359.7	11149.9	329.9	-1.9	329.9	12.0	12.0
11306	73.2	359.7	11152.9	339.5	-2.0	339.5	12.0	12.0
11316	74.4	359.7	11155.7	349.1	-2.0	349.1	12.0	12.0
11326	75.6	359.7	11158.3	358.7	-2.1	358.7	12.0	12.0
11336	76.8	359.7	11160.7	368.4	-2.1	368.4	12.0	12.0
11346	78.0	359.7	11162.9	378.2	-2.2	378.2	12.0	12.0
11356	79.2	359.7	11164.9	388.0	-2.3	388.0	12.0	12.0
11366	80.4	359.7	11166.7	397.8	-2.3	397.8	12.0	12.0
11376	81.6	359.7	11168.3	407.7	-2.4	407.7	12.0	12.0
11386	82.8	359.7	11169.7	417.6	-2.4	417.6	12.0	12.0
11396	84.0	359.7	11170.8	427.6	-2.5	427.6	12.0	12.0
11406	85.2	359.7	11171.7	437.5	-2.5	437.5	12.0	12.0
11416	86.4	359.7	11172.4	447.5	-2.6	447.5	12.0	12.0
11426	87.6	359.7	11172.9	457.5	-2.7	457.5	12.0	12.0
11436	88.8	359.7	11173.2	467.5	-2.7	467.5	12.0	12.0
11446	90.0	359.7	11173.3	477.5	-2.8	477.5	12.0	12.0
11546	90.6	359.7	11172.8	577.5	-3.4	577.5	0.6	0.6
11646	90.6	359.7	11171.8	677.5	-3.9	677.5	0.0	0.0
11746	90.6	359.7	11170.8	777.5	-4.5	777.5	0.0	0.0
11846	90.6	359.7	11169.8	877.4	-5.1	877.5	0.0	0.0
11946	90.6	359.7	11168.8	977.4	-5.7	977.5	0.0	0.0
12046	90.6	359.7	11167.8	1077.4	-6.3	1077.4	0.0	0.0
12146	90.6	359.7	11166.8	1177.4	-6.9	1177.4	0.0	0.0
12246	90.6	359.7	11165.8	1277.4	-7.4	1277.4	0.0	0.0
12346	90.6	359.7	11164.8	1377.4	-8.0	1377.4	0.0	0.0
12446	90.6	359.7	11163.8	1477.4	-8.6	1477.4	0.0	0.0
12546	90.6	359.7	11162.8	1577.4	-9.2	1577.4	0.0	0.0
12646	90.6	359.7	11161.8	1677.4	-9.8	1677.4	0.0	0.0
12746	90.6	359.7	11160.8	1777.4	-10.4	1777.4	0.0	0.0
12846	90.6	359.7	11159.8	1877.4	-10.9	1877.4	0.0	0.0
12946	90.6	359.7	11158.8	1977.4	-11.5	1977.4	0.0	0.0
13046	90.6	359.7	11157.8	2077.4	-12.1	2077.4	0.0	0.0
13146	90.6	359.7	11156.8	2177.4	-12.7	2177.4	0.0	0.0
13246	90.6	359.7	11155.8	2277.4	-13.3	2277.4	0.0	0.0
13346	90.6	359.7	11154.8	2377.3	-13.9	2377.4	0.0	0.0
13446	90.6	359.7	11153.8	2477.3	-14.4	2477.4	0.0	0.0
13546	90.6	359.7	11152.8	2577.3	-15.0	2577.4	0.0	0.0
13646	90.6	359.7	11151.8	2677.3	-15.6	2677.4	0.0	0.0

V-F Petroleum Inc.
Standard Planning Report
Getty 1 State #232H

Location: 1-22S-34E **30-025-**
Pool: Grama Ridge; Bone Spring, NE [28435]
GL Elev: 3560
Method: Minimum Curvature

Surface Latitude: 32.414382
Surface Longitude: -103.42677
Bottom Hole Latitude: 32.427304
Bottom Hole Longitude: -103.42673

md\regulatory\ nm ocd blm\Getty 1 State Horiz\Getty 1 State #232H\#232H Planned Survey 180501

Measured			Vertical			Vertical	Dogleg	Build
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Section	Rate	Rate
(ft)	(deg)	(deg)	(ft)	(ft)	(ft)	(ft)	(deg/100ft)	(deg/100ft)
13746	90.6	359.7	11150.8	2777.3	-16.2	2777.4	0.0	0.0
13846	90.6	359.7	11149.8	2877.3	-16.8	2877.4	0.0	0.0
13946	90.6	359.7	11148.8	2977.3	-17.4	2977.4	0.0	0.0
14046	90.6	359.7	11147.8	3077.3	-17.9	3077.3	0.0	0.0
14146	90.6	359.7	11146.8	3177.3	-18.5	3177.3	0.0	0.0
14246	90.6	359.7	11145.8	3277.3	-19.1	3277.3	0.0	0.0
14346	90.6	359.7	11144.8	3377.3	-19.7	3377.3	0.0	0.0
14446	90.6	359.7	11143.8	3477.3	-20.3	3477.3	0.0	0.0
14546	90.6	359.7	11142.8	3577.3	-20.8	3577.3	0.0	0.0
14646	90.6	359.7	11141.8	3677.3	-21.4	3677.3	0.0	0.0
14746	90.6	359.7	11140.8	3777.3	-22.0	3777.3	0.0	0.0
14846	90.6	359.7	11139.8	3877.2	-22.6	3877.3	0.0	0.0
14946	90.6	359.7	11138.8	3977.2	-23.2	3977.3	0.0	0.0
15046	90.6	359.7	11137.8	4077.2	-23.8	4077.3	0.0	0.0
15146	90.6	359.7	11136.8	4177.2	-24.3	4177.3	0.0	0.0
15246	90.6	359.7	11135.8	4277.2	-24.9	4277.3	0.0	0.0
15346	90.6	359.7	11134.8	4377.2	-25.5	4377.3	0.0	0.0
15446	90.6	359.7	11133.8	4477.2	-26.1	4477.3	0.0	0.0
15546	90.6	359.7	11132.8	4577.2	-26.7	4577.3	0.0	0.0
15646	90.6	359.7	11131.8	4677.2	-27.3	4677.3	0.0	0.0
15670	90.6	359.7	11131.6	4702.0	-27.4	4702.1	0.0	0.0