

V-F Petroleum Inc.
Standard Planning Report
Getty 1 State Com #333H

HOBBS OCD
MAY 17 2018
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Location: 1-22S-34E
 Pool: Grama Ridge; Wolfcamp, West [97393]
 GL Elev: 3560
 Method: Minimum Curvature

30-025-

Surface Latitude: 32.414384
 Surface Longitude: -103.42230
 Bottom Hole Latitude: 32.427310
 Bottom Hole Longitude: -103.42226

md\regulatory\ nm ocd blm\Getty 1 State Horiz\Getty 1 State Com #333H\#333H 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)
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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 Surface Longitude: -103.42230
 Bottom Hole Latitude: 32.427310
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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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Location:	1-22S-34E	30-025- _____	Surface Latitude:	32.414384
Pool:	Grama Ridge; Wolfcamp, West [97393]		Surface Longitude:	-103.42230
GL Elev:	3560		Bottom Hole Latitude:	32.427310
Method:	Minimum Curvature		Bottom Hole Longitude:	-103.42226

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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
10700	0.0	359.7	10700.0	0.0	0.0	0.0	0.0	0.0
10800	0.0	359.7	10800.0	0.0	0.0	0.0	0.0	0.0
10900	0.0	359.7	10900.0	0.0	0.0	0.0	0.0	0.0
11000	0.0	359.7	11000.0	0.0	0.0	0.0	0.0	0.0
11045	0.0	359.7	11044.5	0.0	0.0	0.0	0.0	0.0
11055	1.2	359.7	11054.5	0.1	0.0	0.1	12.0	12.0
11065	2.4	359.7	11064.5	0.4	0.0	0.4	12.0	12.0
11075	3.6	359.7	11074.5	1.0	0.0	1.0	12.0	12.0
11085	4.8	359.7	11084.5	1.7	0.0	1.7	12.0	12.0
11095	6.0	359.7	11094.5	2.6	0.0	2.6	12.0	12.0
11105	7.2	359.7	11104.4	3.8	0.0	3.8	12.0	12.0
11115	8.4	359.7	11114.3	5.1	0.0	5.1	12.0	12.0
11125	9.6	359.7	11124.2	6.7	0.0	6.7	12.0	12.0
11135	10.8	359.7	11134.0	8.5	-0.1	8.5	12.0	12.0
11145	12.0	359.7	11143.8	10.4	-0.1	10.4	12.0	12.0
11155	13.2	359.7	11153.6	12.6	-0.1	12.6	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)
11165	14.4	359.7	11163.3	15.0	-0.1	15.0	12.0	12.0
11175	15.6	359.7	11173.0	17.6	-0.1	17.6	12.0	12.0
11185	16.8	359.7	11182.6	20.4	-0.1	20.4	12.0	12.0
11195	18.0	359.7	11192.1	23.4	-0.1	23.4	12.0	12.0
11205	19.2	359.7	11201.6	26.6	-0.2	26.6	12.0	12.0
11215	20.4	359.7	11211.0	30.0	-0.2	30.0	12.0	12.0
11225	21.6	359.7	11220.3	33.5	-0.2	33.5	12.0	12.0
11235	22.8	359.7	11229.6	37.3	-0.2	37.3	12.0	12.0
11245	24.0	359.7	11238.8	41.3	-0.2	41.3	12.0	12.0
11255	25.2	359.7	11247.9	45.5	-0.3	45.5	12.0	12.0
11265	26.4	359.7	11256.9	49.8	-0.3	49.8	12.0	12.0
11275	27.6	359.7	11265.8	54.3	-0.3	54.3	12.0	12.0
11285	28.8	359.7	11274.6	59.1	-0.4	59.1	12.0	12.0
11295	30.0	359.7	11283.3	64.0	-0.4	64.0	12.0	12.0
11305	31.2	359.7	11291.9	69.1	-0.4	69.1	12.0	12.0
11315	32.4	359.7	11300.4	74.3	-0.4	74.3	12.0	12.0
11325	33.6	359.7	11308.8	79.8	-0.5	79.8	12.0	12.0
11335	34.8	359.7	11317.1	85.4	-0.5	85.4	12.0	12.0
11345	36.0	359.7	11325.3	91.2	-0.6	91.2	12.0	12.0
11355	37.2	359.7	11333.3	97.2	-0.6	97.2	12.0	12.0
11365	38.4	359.7	11341.2	103.3	-0.6	103.3	12.0	12.0
11375	39.6	359.7	11349.0	109.6	-0.7	109.6	12.0	12.0
11385	40.8	359.7	11356.6	116.0	-0.7	116.0	12.0	12.0
11395	42.0	359.7	11364.1	122.6	-0.7	122.7	12.0	12.0
11405	43.2	359.7	11371.5	129.4	-0.8	129.4	12.0	12.0
11415	44.4	359.7	11378.7	136.3	-0.8	136.3	12.0	12.0
11425	45.6	359.7	11385.8	143.4	-0.9	143.4	12.0	12.0
11435	46.8	359.7	11392.7	150.6	-0.9	150.6	12.0	12.0
11445	48.0	359.7	11399.5	158.0	-1.0	158.0	12.0	12.0
11455	49.2	359.7	11406.1	165.5	-1.0	165.5	12.0	12.0
11465	50.4	359.7	11412.6	173.1	-1.0	173.1	12.0	12.0
11475	51.6	359.7	11418.9	180.9	-1.1	180.9	12.0	12.0
11485	52.8	359.7	11425.0	188.8	-1.1	188.8	12.0	12.0
11495	54.0	359.7	11431.0	196.8	-1.2	196.8	12.0	12.0
11505	55.2	359.7	11436.8	205.0	-1.2	205.0	12.0	12.0
11515	56.4	359.7	11442.4	213.2	-1.3	213.3	12.0	12.0
11525	57.6	359.7	11447.8	221.6	-1.3	221.6	12.0	12.0
11535	58.8	359.7	11453.1	230.1	-1.4	230.1	12.0	12.0
11545	60.0	359.7	11458.2	238.7	-1.4	238.7	12.0	12.0
11555	61.2	359.7	11463.1	247.5	-1.5	247.5	12.0	12.0
11565	62.4	359.7	11467.8	256.3	-1.5	256.3	12.0	12.0

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(ft)	(deg)	(deg)	(ft)	(ft)	(ft)	(ft)	(deg/100ft)	(deg/100ft)
11575	63.6	359.7	11472.3	265.2	-1.6	265.2	12.0	12.0
11585	64.8	359.7	11476.7	274.2	-1.7	274.2	12.0	12.0
11595	66.0	359.7	11480.9	283.3	-1.7	283.3	12.0	12.0
11605	67.2	359.7	11484.9	292.4	-1.8	292.5	12.0	12.0
11615	68.4	359.7	11488.7	301.7	-1.8	301.7	12.0	12.0
11625	69.6	359.7	11492.3	311.0	-1.9	311.0	12.0	12.0
11635	70.8	359.7	11495.7	320.4	-1.9	320.5	12.0	12.0
11645	72.0	359.7	11498.9	329.9	-2.0	329.9	12.0	12.0
11655	73.2	359.7	11501.9	339.5	-2.1	339.5	12.0	12.0
11665	74.4	359.7	11504.7	349.1	-2.1	349.1	12.0	12.0
11675	75.6	359.7	11507.3	358.7	-2.2	358.7	12.0	12.0
11685	76.8	359.7	11509.7	368.4	-2.2	368.4	12.0	12.0
11695	78.0	359.7	11511.9	378.2	-2.3	378.2	12.0	12.0
11705	79.2	359.7	11513.9	388.0	-2.3	388.0	12.0	12.0
11715	80.4	359.7	11515.7	397.8	-2.4	397.9	12.0	12.0
11725	81.6	359.7	11517.3	407.7	-2.5	407.7	12.0	12.0
11735	82.8	359.7	11518.7	417.6	-2.5	417.6	12.0	12.0
11745	84.0	359.7	11519.8	427.6	-2.6	427.6	12.0	12.0
11755	85.2	359.7	11520.7	437.5	-2.6	437.5	12.0	12.0
11765	86.4	359.7	11521.4	447.5	-2.7	447.5	12.0	12.0
11775	87.6	359.7	11521.9	457.5	-2.8	457.5	12.0	12.0
11785	88.8	359.7	11522.2	467.5	-2.8	467.5	12.0	12.0
11795	90.0	359.7	11522.3	477.5	-2.9	477.5	12.0	12.0
11895	90.8	359.7	11521.6	577.5	-3.5	577.5	0.8	0.8
11995	90.8	359.7	11520.2	677.5	-4.1	677.5	0.0	0.0
12095	90.8	359.7	11518.8	777.4	-4.7	777.5	0.0	0.0
12195	90.8	359.7	11517.4	877.4	-5.3	877.4	0.0	0.0
12295	90.8	359.7	11516.0	977.4	-5.9	977.4	0.0	0.0
12395	90.8	359.7	11514.6	1077.4	-6.5	1077.4	0.0	0.0
12495	90.8	359.7	11513.2	1177.4	-7.1	1177.4	0.0	0.0
12595	90.8	359.7	11511.8	1277.4	-7.7	1277.4	0.0	0.0
12695	90.8	359.7	11510.4	1377.4	-8.3	1377.4	0.0	0.0
12795	90.8	359.7	11509.0	1477.4	-8.9	1477.4	0.0	0.0
12895	90.8	359.7	11507.6	1577.3	-9.5	1577.4	0.0	0.0
12995	90.8	359.7	11506.2	1677.3	-10.1	1677.4	0.0	0.0
13095	90.8	359.7	11504.8	1777.3	-10.7	1777.4	0.0	0.0
13195	90.8	359.7	11503.4	1877.3	-11.3	1877.3	0.0	0.0
13295	90.8	359.7	11502.0	1977.3	-12.0	1977.3	0.0	0.0
13395	90.8	359.7	11500.6	2077.3	-12.6	2077.3	0.0	0.0
13495	90.8	359.7	11499.2	2177.3	-13.2	2177.3	0.0	0.0
13595	90.8	359.7	11497.8	2277.3	-13.8	2277.3	0.0	0.0

V-F Petroleum Inc.
Standard Planning Report
Getty 1 State Com #333H

Location:	1-22S-34E	30-025-		Surface Latitude:	32.414384
Pool:	Grama Ridge; Wolfcamp, West [97393]			Surface Longitude:	-103.42230
GL Elev:	3560			Bottom Hole Latitude:	32.427310
Method:	Minimum Curvature			Bottom Hole Longitude:	-103.42226

md\regulatory\ nm ocd blm\Getty 1 State Horiz\Getty 1 State Com #333H\#333H 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)
13695	90.8	359.7	11496.4	2377.3	-14.4	2377.3	0.0	0.0
13795	90.8	359.7	11495.0	2477.2	-15.0	2477.3	0.0	0.0
13895	90.8	359.7	11493.6	2577.2	-15.6	2577.3	0.0	0.0
13995	90.8	359.7	11492.2	2677.2	-16.2	2677.3	0.0	0.0
14095	90.8	359.7	11490.8	2777.2	-16.8	2777.3	0.0	0.0
14195	90.8	359.7	11489.4	2877.2	-17.4	2877.2	0.0	0.0
14295	90.8	359.7	11488.0	2977.2	-18.0	2977.2	0.0	0.0
14395	90.8	359.7	11486.6	3077.2	-18.6	3077.2	0.0	0.0
14495	90.8	359.7	11485.2	3177.2	-19.2	3177.2	0.0	0.0
14595	90.8	359.7	11483.8	3277.1	-19.8	3277.2	0.0	0.0
14695	90.8	359.7	11482.4	3377.1	-20.4	3377.2	0.0	0.0
14795	90.8	359.7	11481.0	3477.1	-21.0	3477.2	0.0	0.0
14895	90.8	359.7	11479.6	3577.1	-21.6	3577.2	0.0	0.0
14995	90.8	359.7	11478.2	3677.1	-22.2	3677.2	0.0	0.0
15095	90.8	359.7	11476.8	3777.1	-22.8	3777.2	0.0	0.0
15195	90.8	359.7	11475.4	3877.1	-23.4	3877.1	0.0	0.0
15295	90.8	359.7	11474.0	3977.1	-24.0	3977.1	0.0	0.0
15395	90.8	359.7	11472.6	4077.1	-24.6	4077.1	0.0	0.0
15495	90.8	359.7	11471.2	4177.0	-25.3	4177.1	0.0	0.0
15595	90.8	359.7	11469.8	4277.0	-25.9	4277.1	0.0	0.0
15695	90.8	359.7	11468.4	4377.0	-26.5	4377.1	0.0	0.0
15795	90.8	359.7	11467.0	4477.0	-27.1	4477.1	0.0	0.0
15895	90.8	359.7	11465.6	4577.0	-27.7	4577.1	0.0	0.0
15995	90.8	359.7	11464.2	4677.0	-28.3	4677.1	0.0	0.0
16021	90.8	359.7	11463.8	4703.5	-28.4	4703.6	0.0	0.0