



PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

NM OIL CONSERVATION
ARTESIA DISTRICT

MAY 01 2017

RECEIVED

February 10, 2017

30-015-43907

Burnett Oil Co., Inc.
801 Cherry Street, Unit 9
Fort Worth, TX 76102-6881

RE: Nosler 12 Fed LJ 7H
2080' FSL & 152' FWL
Sec. 12, T17S, R31E
Eddy County, New Mexico

Dear Sir,

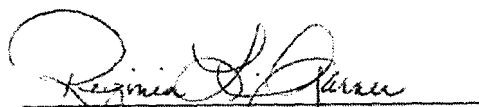
The attached is the Deviation Survey for the above captioned well.

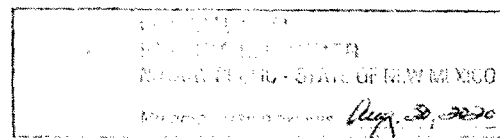
Very truly yours,


Eddie LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 10th day of February, 2017


Regina L. Parker
Notary Public



Nosler 12 Fed LJ 7H

Date	Depth	Deviation	Direction
1/24/2017	155	0.90	16.90
1/24/2017	312	1.00	36.00
1/24/2017	492	0.90	36.00
1/25/2017	732	0.20	37.00
1/26/2017	793	0.20	42.10
1/26/2017	982	0.30	42.40
1/27/2017	1076	0.50	160.70
1/27/2017	1170	1.10	198.80
1/27/2017	1265	1.10	190.50
1/27/2017	1360	1.00	183.70
1/27/2017	1453	1.10	196.90
1/27/2017	1548	1.00	204.20
1/27/2017	1643	0.80	198.00
1/27/2017	1738	1.30	247.30
1/27/2017	1832	1.50	243.00
1/27/2017	1967	1.50	241.30
1/29/2017	2090	1.40	231.90
1/29/2017	2184	2.50	220.00
1/29/2017	2278	3.40	215.40
1/29/2017	2373	3.90	213.30
1/29/2017	2467	4.90	207.50
1/29/2017	2562	5.40	201.10
1/29/2017	2844	4.80	211.10
1/29/2017	2939	5.60	211.70
1/30/2017	3033	5.30	212.60
1/30/2017	3127	4.90	212.10
1/30/2017	3221	5.20	209.00
1/30/2017	3315	5.10	208.20
1/30/2017	3410	6.10	207.10
1/30/2017	3505	6.20	208.30
1/30/2017	3599	5.90	208.20
1/31/2017	3694	5.90	208.20
1/31/2017	3788	5.60	207.20
1/31/2017	3883	5.80	200.50
1/31/2017	3977	6.10	200.80
1/31/2017	4072	7.00	204.80
2/1/2017	4167	7.60	207.60
2/1/2017	4262	7.80	209.50
2/1/2017	4354	8.50	210.40
2/1/2017	4447	8.70	214.00
2/1/2017	4539	8.00	216.90
2/1/2017	4631	7.10	217.20

Date	Depth	Deviation	Direction
2/1/2017	4723	6.60	220.20
2/1/2017	4815	6.30	216.00
2/1/2017	4907	6.30	206.00
2/2/2017	4940	6.10	199.20
2/2/2017	4970	5.90	184.50
2/2/2017	5001	8.00	164.70
2/2/2017	5032	11.60	156.40
2/2/2017	5064	15.30	148.20
2/2/2017	5093	18.70	138.10
2/2/2017	5155	25.60	130.20
2/2/2017	5277	36.10	104.50
2/2/2017	5370	45.80	108.60
2/2/2017	5461	56.30	98.50
2/3/2017	5492	58.30	96.20
2/3/2017	5523	61.10	95.00
2/3/2017	5553	63.90	94.50
2/3/2017	5583	6.80	94.60
2/3/2017	5614	71.10	94.60
2/3/2017	5645	73.70	94.10
2/3/2017	5676	75.80	92.10
2/3/2017	5707	79.10	89.50
2/3/2017	5928	92.10	90.10
2/3/2017	6095	92.80	90.50
2/3/2017	6116	93.50	91.10
2/3/2017	6211	93.00	91.20
2/3/2017	6306	90.70	87.40
2/4/2017	6400	88.00	87.00
2/4/2017	6494	90.20	90.20
2/4/2017	6589	90.50	90.00
2/4/2017	6684	89.30	89.90
2/4/2017	6779	89.70	90.00
2/4/2017	6873	90.80	90.90
2/4/2017	6968	90.70	91.30
2/4/2017	7062	90.90	94.10
2/4/2017	7157	90.80	89.90
2/5/2017	7346	89.90	90.60
2/5/2017	7440	90.00	90.80
2/5/2017	7535	90.10	91.10
2/5/2017	7630	90.10	91.30
2/5/2017	7725	90.36	91.40
2/5/2017	7820	90.40	90.60
2/5/2017	7915	90.60	90.60
2/5/2017	8009	90.80	90.90
2/5/2017	8043	90.40	89.90
2/5/2017	8197	91.10	90.50

Date	Depth	Deviation	Direction
2/5/2017	8242	90.90	88.80
2/5/2017	8387	89.80	87.90
2/5/2017	8481	90.00	87.80
2/6/2017	8526	89.00	87.40
2/6/2017	8670	89.00	89.40
2/6/2017	8765	89.40	89.50
2/6/2017	8836	89.20	89.70



Job #				Operator				Rig Name			
NM17012BT				Burnett Oil Co				Silver Oak 11			
Start Date				Well Name				Company Man			
23-Jan-2017				Nosler 12 Fed L.J#7H				Emilio Martinez			
Play				State				Well Path Name			
				Permian				Eddy			
Lat				Long				VS Plane AZI			
								3979			
MD (ft)	INC	AZI	TVD (ft)	North (ft)	East (ft)	V Section (ft)	Dogleg (°/100 ft)	B Rate (°/100 ft)	T Rate (°/100 ft)	Bit to Sensor (ft)	Cal Toolface
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	10.90	55.00
155.00	0.90	16.90	154.99	1.16	0.35	0.22	0.58	0.21	0.06	12.17	55.00
312.00	1.00	36.00	311.97	3.45	1.52	1.12	0.06	0.29	-0.06	0.00	55.00
492.00	0.90	36.00	491.95	5.87	3.27	2.59	0.03	0.03	0.00	0.42	55.00
732.00	0.20	37.00	731.94	7.73	4.63	3.73	0.03	0.14	-0.11	8.36	55.00
793.00	0.20	42.10	792.93	7.89	4.77	3.85	0.03	0.24	0.21	36.91	55.00
887.00	0.10	76.80	886.93	8.03	4.96	4.02	0.03	0.74	0.21	-36.21	55.00
982.00	0.30	42.40	981.93	8.23	5.21	4.24	0.03	0.82	0.64	125.85	55.00
1076.00	0.50	160.70	1075.93	8.03	5.51	4.57	0.03	0.17	0.00	40.53	55.00
1170.00	1.10	198.80	1169.92	6.79	5.35	4.55	0.03	0.17	-0.11	-8.74	55.00
1265.00	1.10	190.50	1264.91	5.03	4.89	4.29	0.03	0.17	-0.11	-7.16	55.00
1360.00	1.00	183.70	1359.89	3.30	4.67	4.27	0.03	0.17	0.11	14.19	55.00
1453.00	1.10	196.90	1452.87	1.64	4.36	4.15	0.03	0.18	-0.11	7.68	55.00
1548.00	1.00	204.20	1547.86	0.01	3.76	3.73	0.03	0.23	-0.21	-6.53	55.00
1643.00	0.80	198.00	1642.85	-1.38	3.21	3.35	0.03	1.04	0.53	51.89	55.00
1738.00	1.30	247.30	1737.83	-2.42	2.01	2.27	0.03	0.24	0.21	-4.57	55.00
1832.00	1.50	243.00	1831.80	-3.39	-0.07	0.31	0.03	0.03	0.00	-1.26	55.00
1967.00	1.50	241.30	1966.76	-5.04	-3.19	-2.60	0.03	0.21	-0.08	-7.64	76.00
2090.00	1.40	231.90	2089.72	-6.74	-5.79	-4.99	0.03	1.24	1.17	-12.66	76.00
2184.00	2.50	220.00	2183.66	-9.02	-8.01	-6.94	0.03	0.99	0.96	-4.89	76.00
2278.00	3.40	215.40	2277.54	-12.87	-10.94	-9.42	0.03	0.54	0.53	-2.21	76.00
2373.00	3.90	213.30	2372.35	-17.86	-14.35	-12.24	0.03	1.16	1.06	-6.17	76.00
2467.00	4.90	207.50	2466.07	-24.10	-17.96	-15.13	0.03	0.80	0.53	-6.74	76.00
2562.00	5.40	201.10	2560.68	-31.86	-21.44	-17.71	0.03	0.67	-0.42	5.79	76.00
2657.00	5.00	206.60	2655.29	-39.74	-24.90	-20.27	0.03	0.44	-0.43	1.49	76.00
2751.00	4.60	208.00	2748.96	-46.73	-28.51	-23.06	0.03	0.35	0.22	3.33	76.00
2844.00	4.80	211.10	2841.65	-53.35	-32.27	-26.05	0.03	0.84	0.84	0.63	76.00
2939.00	5.60	211.70	2936.26	-60.70	-36.75	-29.68	0.03	0.33	-0.32	0.96	76.00
3033.00	5.30	212.60	3029.83	-68.26	-41.50	-33.55	0.03	0.43	-0.43	-0.53	76.00
3127.00	4.90	212.10	3123.46	-75.32	-45.98	-37.20	0.03	0.43	0.32	-3.30	76.00
3221.00	5.20	209.00	3217.10	-82.44	-50.17	-40.57	0.03	0.13	-0.11	-0.85	76.00
3315.00	5.10	208.20	3310.72	-89.85	-54.21	-43.74	0.03	1.06	1.05	-1.16	76.00
3410.00	6.10	207.10	3405.26	-98.07	-58.51	-47.09	0.03	0.17	0.11	1.26	76.00
3505.00	6.20	208.30	3499.72	-107.08	-63.24	-50.77	0.03	0.32	-0.32	-0.11	76.00
3599.00	5.90	208.20	3593.19	-115.80	-67.93	-54.45	0.03	0.00	0.00	0.00	76.00
3694.00	5.90	208.20	3687.69	-124.41	-72.54	-58.06	0.00	0.00	0.00	0.00	76.00

3788.00	5.60	207.20	3781.22	-132.75	-76.92	-61.48	0.34	-0.32	-1.06	76.00	-162.03
3883.00	5.80	200.50	3875.75	-141.37	-80.72	-64.28	0.73	0.21	-7.05	76.00	-76.62
3977.00	6.10	200.80	3969.24	-150.48	-84.16	-66.67	0.32	0.32	0.32	69.00	6.07
4072.00	7.00	204.80	4063.62	-160.46	-88.38	-69.74	1.06	0.95	4.21	69.00	28.88
4167.00	7.60	207.60	4157.85	-171.28	-93.72	-73.82	0.73	0.63	2.95	69.00	32.06
4262.00	7.80	209.50	4251.99	-182.46	-99.81	-78.61	0.34	0.21	2.00	69.00	52.79
4354.00	8.50	210.40	4343.06	-193.76	-106.32	-83.81	0.77	0.76	0.98	69.00	10.78
4447.00	8.70	214.00	4435.02	-205.52	-113.73	-89.85	0.62	0.22	3.87	69.00	71.40
4539.00	8.00	216.90	4526.04	-216.40	-121.47	-96.31	0.89	-0.76	3.15	69.00	150.40
4631.00	7.10	217.20	4617.25	-226.05	-128.75	-102.46	0.98	-0.98	0.33	69.00	177.64
4723.00	6.60	220.20	4708.59	-234.62	-135.60	-108.30	0.67	-0.54	3.26	69.00	145.89
4815.00	6.30	216.00	4800.01	-242.74	-141.98	-113.72	0.61	-0.33	-4.57	69.00	-124.53
4907.00	6.30	206.00	4891.45	-251.36	-147.16	-117.90	1.19	0.00	-10.87	69.00	-94.97
4940.00	6.10	199.20	4924.26	-254.65	-148.53	-118.89	2.30	-0.61	-20.61	73.00	-108.60
4970.00	5.90	184.50	4954.10	-257.69	-149.17	-119.19	5.15	-0.67	-49.00	73.00	-104.69
5001.00	8.00	164.70	4984.87	-261.36	-148.73	-118.33	10.18	6.77	-63.87	73.00	-58.88
5032.00	11.60	156.40	5015.42	-266.30	-146.91	-115.97	12.45	11.61	-26.77	73.00	-25.56
5064.00	15.30	148.20	5046.54	-272.84	-143.40	-111.74	12.98	11.56	-25.63	73.00	-31.30
5093.00	18.70	138.10	5074.27	-279.55	-138.27	-105.89	15.49	11.72	-34.83	73.00	-45.89
5124.00	22.60	134.40	5103.28	-287.42	-130.70	-97.48	13.26	12.58	-11.94	73.00	-20.24
5155.00	25.60	130.20	5131.57	-295.91	-121.32	-87.20	11.14	9.68	-13.55	73.00	-31.69
5185.00	28.20	125.80	5158.33	-304.25	-110.62	-75.63	10.91	8.67	-14.67	73.00	-39.42
5216.00	30.60	118.50	5185.34	-312.30	-97.74	-61.93	13.90	7.74	-23.55	73.00	-59.41
5247.00	32.40	113.10	5211.78	-319.32	-83.16	-46.65	10.79	5.81	-17.42	73.00	-59.79
5277.00	36.10	109.50	5236.57	-325.43	-67.43	-30.33	14.06	12.33	-12.00	73.00	-30.21
5308.00	39.70	108.50	5261.03	-331.62	-49.43	-11.74	11.78	11.61	-3.23	73.00	-10.08
5339.00	42.50	108.40	5284.39	-338.07	-30.10	8.19	9.03	9.03	-0.32	73.00	-1.38
5370.00	45.80	108.60	5306.63	-344.92	-9.62	29.31	10.65	10.65	0.65	73.00	2.49
5400.00	50.20	106.70	5326.70	-351.67	11.62	51.17	15.40	14.67	-6.33	73.00	-18.43
5431.00	54.00	103.00	5345.74	-357.91	35.26	75.36	15.46	12.26	-11.94	73.00	-38.69
5461.00	56.30	98.50	5362.89	-362.49	59.44	99.90	14.50	7.67	-15.00	73.00	-59.39
5492.00	58.30	96.20	5379.64	-365.82	85.30	125.98	8.98	6.45	-7.42	73.00	-44.69
5523.00	61.10	95.00	5395.28	-368.43	111.94	152.74	9.63	9.03	-3.87	73.00	-20.61
5553.00	63.90	94.50	5409.13	-370.63	138.46	179.34	9.45	9.33	-1.67	73.00	-9.12
5583.00	68.00	94.60	5421.35	-372.81	165.76	206.71	13.67	13.67	0.33	73.00	1.30
5614.00	71.10	94.60	5432.18	-375.13	194.71	235.74	10.00	10.00	0.00	73.00	0.00
5645.00	73.70	94.10	5441.56	-377.37	224.17	265.27	8.53	8.39	-1.61	73.00	-10.46
5676.00	75.80	92.10	5449.71	-378.99	254.03	295.12	9.20	6.77	-6.45	73.00	-42.85
5707.00	79.10	89.80	5456.45	-379.49	284.28	325.23	12.87	10.65	-7.42	73.00	-34.49
5739.00	82.10	88.50	5461.67	-379.02	315.84	356.54	10.20	9.37	-4.06	73.00	-23.26
5771.00	85.50	87.50	5465.13	-377.91	347.63	388.00	11.07	10.63	-3.13	73.00	-16.36
5802.00	88.80	88.50	5466.67	-376.83	378.57	418.62	11.12	10.65	3.23	73.00	16.87
5834.00	91.10	89.80	5466.70	-376.35	410.56	450.36	8.26	7.19	4.06	73.00	29.48
5928.00	92.10	90.10	5464.07	-376.27	504.52	543.71	1.11	1.06	0.32	73.00	16.69
6022.00	92.80	90.50	5460.05	-376.76	598.44	637.08	0.86	0.74	0.43	73.00	29.71

6116.00	93.50	91.10	5454.89	-378.07	692.28	730.48	0.98	0.74	0.64	73.00	40.54
6211.00	93.00	91.20	5449.50	-379.97	787.11	824.92	0.54	-0.53	0.11	73.00	168.70
6306.00	90.70	87.40	5446.43	-378.81	882.03	919.10	4.67	-2.42	-4.00	73.00	-121.13
6400.00	89.00	87.00	5446.68	-374.22	975.92	1011.87	1.86	-1.81	-0.43	73.00	-166.76
6494.00	90.20	90.20	5447.34	-371.93	1069.87	1104.97	3.64	1.28	3.40	73.00	69.46
6569.00	90.50	90.00	5446.76	-372.09	1164.87	1199.38	0.38	0.32	-0.21	73.00	-33.69
6664.00	89.30	89.90	5446.92	-372.01	1259.87	1293.76	1.27	-1.26	-0.11	73.00	-175.24
6779.00	89.70	90.00	5447.75	-371.93	1354.86	1388.14	0.43	0.42	0.11	73.00	14.04
6873.00	90.80	90.90	5447.34	-372.66	1448.86	1481.62	1.51	1.17	0.96	73.00	39.29
6968.00	90.70	91.30	5446.10	-374.49	1543.83	1576.20	0.43	-0.11	0.42	73.00	104.03
7062.00	90.90	91.40	5444.79	-376.70	1637.80	1669.81	0.24	0.21	0.11	73.00	26.56
7157.00	90.80	89.90	5443.38	-377.78	1732.78	1764.31	1.58	-0.11	-1.58	73.00	-93.80
7253.00	91.10	90.00	5441.78	-377.70	1828.76	1859.68	0.33	0.31	0.10	73.00	18.43
7346.00	89.90	90.60	5440.97	-378.18	1921.76	1952.13	1.44	-1.29	0.65	73.00	153.43
7440.00	90.00	90.80	5441.06	-379.33	2015.75	2045.65	0.24	0.11	0.21	73.00	63.44
7535.00	90.10	91.10	5440.97	-380.91	2110.74	2140.21	0.33	0.11	0.32	73.00	71.56
7630.00	90.10	91.30	5440.81	-382.90	2205.71	2234.81	0.21	0.00	0.21	73.00	90.00
7725.00	90.30	91.40	5440.47	-385.13	2300.69	2329.43	0.24	0.21	0.11	73.00	26.56
7820.00	90.40	90.60	5439.89	-386.79	2395.67	2424.00	0.85	0.11	-0.84	73.00	-82.87
7915.00	90.60	90.60	5439.07	-387.79	2490.66	2518.50	0.21	0.21	0.00	73.00	0.00
8009.00	90.80	90.90	5437.92	-389.02	2584.65	2612.02	0.36	0.21	0.32	73.00	56.31
8103.00	90.40	89.90	5436.93	-389.67	2678.64	2705.49	1.15	-0.43	-1.06	73.00	-111.80
8197.00	91.10	90.50	5435.70	-390.00	2772.63	2798.92	0.98	0.74	0.64	73.00	40.60
8292.00	90.90	88.80	5434.04	-389.42	2867.61	2893.23	1.80	-0.21	-1.79	73.00	-96.70
8387.00	89.80	87.90	5433.46	-386.69	2962.56	2987.27	1.50	-1.16	-0.95	73.00	-140.71
8481.00	90.00	87.80	5433.63	-383.16	3056.50	3080.21	0.24	0.21	-0.11	73.00	-26.57
8576.00	89.00	87.40	5434.46	-379.18	3151.41	3174.07	1.13	-1.05	-0.42	73.00	-158.20
8670.00	89.00	89.40	5436.10	-376.56	3245.35	3267.12	2.13	0.00	2.13	73.00	90.02
8765.00	89.40	89.50	5437.42	-375.15	3340.34	3361.39	0.43	0.42	0.11	73.00	14.04
8836.00	89.30	89.70	5438.23	-375.15	3411.33	3431.88	0.31	-0.14	0.28	73.00	116.57
8909.00	89.30	89.70	5439.12	-374.77	3484.33	3504.37	0.00	0.00	0.00	73.00	SLP1B