



PHOENIX

TECHNOLOGY SERVICES USA INC.

Celebrating 20 Years of Focused Solutions

3610 Elkins Road, Midland, Texas 79705 T. 432.684.0057 F. 432.686.7964 www.phxtech.com

July 10, 2018

Oil Conservation Division
State of New Mexico
811 S. First St.
Artesia, New Mexico 88210

RECEIVED

Dear District 2 - Artesia

JUL 23 2018

Attention: Regulatory Department

DISTRICT II-ARTESIA O.C.D.

Re: Burnett Oil
Nosler 12 Federal EG #6H
Eddy County, NM
API #30-015-43421
Job No. 63031

Enclosed please find the Survey Data Certification, and the original Plat and one copy of the Survey Report performed on the above referenced Well by Phoenix Technology Services, Inc. (P-5 No. 664171). Other information required by your office is as follows:

Name & Title of Surveyor	Drain Hole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Noe Garza	6H	0	5,500	6/28/18	6/28/18	Gyro

A certified plat on which the bottom hole location is oriented both to the surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Best Regards,

Brittany Carley

Brittany Carley
Operations Administrator

RECEIVED

JUL 28 2018

SURVEY CERTIFICATION FORM

3610 Elkins Road Midland, TX 79705 t:432-684-0057 f: 432-686-7964

**PHOENIX**
TECHNOLOGY SERVICESCompany: BurnettJob #: 63031Well Name: Nosler 12 Federal EG # 6HCounty/State: Eddy Co., New MexicoSurvey Instrument Type: North Seek Rate GyroAPI # 30-015-43421**TIE-IN DATA**

Measure Depth (ft)	Vertical Depth (ft)	Inclination (°)	Azimuth (°)	N-S Coordinates	E-W Coordinates	Data Source
0	0	0	0	0	0	Surface

First Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-06-28	0	0	0

Last Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-06-28	5500	62.11	133.22

Projected TD Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
0	0	0	0

Grid Correction
-0.27

Gyro Operator: Phoenix Technology Services USA Ltd.Gyro Supervisor: Angel Guebara

To the best of my knowledge I certify this survey data to be correct and true

Date:

06-28-18Print Name: Noe Garza

Signature:

JUL 23 2018



Company: Burnett
 Well: Nosler 12 Federal EG # 6H
 Location: Eddy Co., New Mexico
 Rig: Pulling Unit

Date: 06-28-18
 Job Number: 63031
 Grid Corr.: -0.27
 Lat: 32.85
 Long: -103.83
 Calculation Method: Minimum Curvature
 Proposed Azimuth: _____
 RKB - MSL in feet: 17.5
 Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)										
Enter Tie-In Survey on Line 10													
FIELD COPY, NON-DEFINITIVE													
TIE IN	0			0	0	0	0	0					
Gyro	100.00	0.21	308.70	100	100.00	0.11	0.11 N	0.14 W	0.18	308.70	0.21	0.21	308.70
	125.00	0.13	27.49	25	125.00	0.17	0.17 N	0.17 W	0.24	315.46	0.90	-0.32	-1124.84
	150.00	0.36	284.47	25	150.00	0.21	0.21 N	0.23 W	0.31	312.99	1.64	0.92	1027.92
	175.00	0.49	285.14	25	175.00	0.26	0.26 N	0.41 W	0.48	302.59	0.52	0.52	2.68
	200.00	0.62	300.76	25	200.00	0.36	0.36 N	0.63 W	0.72	299.70	0.79	0.52	62.48
	225.00	0.42	304.46	25	225.00	0.48	0.48 N	0.82 W	0.95	300.31	0.81	-0.80	14.80
	250.00	0.34	325.55	25	250.00	0.59	0.59 N	0.94 W	1.11	302.29	0.64	-0.32	84.36
	275.00	0.23	301.36	25	275.00	0.68	0.68 N	1.02 W	1.23	303.62	0.64	-0.44	-96.76
	300.00	0.23	272.26	25	300.00	0.71	0.71 N	1.11 W	1.32	302.40	0.46	0.00	-116.40
	325.00	0.35	274.11	25	325.00	0.71	0.71 N	1.24 W	1.43	299.94	0.48	0.48	7.40
	350.00	0.35	264.69	25	349.99	0.71	0.71 N	1.39 W	1.56	297.11	0.23	0.00	-37.68
	375.00	0.28	264.17	25	374.99	0.70	0.70 N	1.53 W	1.68	294.58	0.28	-0.28	-2.08
	400.00	0.38	268.59	25	399.99	0.69	0.69 N	1.67 W	1.81	292.45	0.41	0.40	17.68
	425.00	0.42	258.14	25	424.99	0.67	0.67 N	1.85 W	1.96	289.97	0.33	0.16	-41.80
	450.00	0.44	257.98	25	449.99	0.63	0.63 N	2.03 W	2.13	287.29	0.08	0.08	-0.64
	475.00	0.45	255.87	25	474.99	0.59	0.59 N	2.22 W	2.30	284.84	0.08	0.04	-8.44
	500.00	0.47	263.73	25	499.99	0.55	0.55 N	2.42 W	2.48	282.89	0.26	0.08	31.44
	525.00	0.70	263.51	25	524.99	0.52	0.52 N	2.67 W	2.72	281.11	0.92	0.92	-0.88
	550.00	0.70	277.44	25	549.99	0.53	0.53 N	2.97 W	3.02	280.05	0.68	0.00	55.72
	575.00	0.69	285.49	25	574.99	0.59	0.59 N	3.27 W	3.32	280.18	0.39	-0.04	32.20
	600.00	0.70	279.77	25	599.98	0.65	0.65 N	3.56 W	3.62	280.38	0.28	0.04	-22.88
	625.00	0.72	275.94	25	624.98	0.70	0.70 N	3.87 W	3.93	280.18	0.21	0.08	-15.32
	650.00	0.87	284.58	25	649.98	0.76	0.76 N	4.21 W	4.28	280.22	0.77	0.60	34.56
	675.00	0.78	280.30	25	674.98	0.84	0.84 N	4.56 W	4.64	280.40	0.44	-0.36	-17.12
	700.00	0.75	276.64	25	699.97	0.89	0.89 N	4.89 W	4.97	280.27	0.23	-0.12	-14.64
	725.00	0.72	281.77	25	724.97	0.94	0.94 N	5.21 W	5.29	280.20	0.29	-0.12	20.52
	750.00	0.68	278.20	25	749.97	0.99	0.99 N	5.51 W	5.60	280.20	0.24	-0.16	-14.28



Company: Burnett
Well: Nosler 12 Federal EG # 6H
Location: Eddy Co., New Mexico
Rig: Pulling Unit

Job Number: 63031
Grid Corr.: -0.27
Lat: 32.85
Long: -103.83

Calculation Method: Minimum Curvature
Proposed Azimuth:
RKB - MSL in feet: 17.5
Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	775.00	0.60	266.91	25	774.97	1.00	1.00 N	5.79 W	5.87	279.85	0.60	-0.32	-45.16
	800.00	0.60	271.63	25	799.97	1.00	1.00 N	6.05 W	6.13	279.40	0.20	0.00	18.88
	825.00	0.60	278.54	25	824.97	1.02	1.02 N	6.31 W	6.39	279.23	0.29	0.00	27.64
	850.00	0.70	276.98	25	849.96	1.06	1.06 N	6.59 W	6.67	279.16	0.41	0.40	-6.24
	875.00	0.72	283.70	25	874.96	1.12	1.12 N	6.89 W	6.98	279.22	0.34	0.08	26.88
	900.00	0.78	276.92	25	899.96	1.18	1.18 N	7.22 W	7.31	279.26	0.43	0.24	-27.12
	925.00	0.72	281.31	25	924.96	1.23	1.23 N	7.54 W	7.64	279.25	0.33	-0.24	17.56
	950.00	0.90	282.83	25	949.96	1.30	1.30 N	7.88 W	7.99	279.38	0.73	0.72	6.08
	975.00	0.95	280.59	25	974.95	1.38	1.38 N	8.28 W	8.39	279.49	0.25	0.20	-8.96
	1000.00	0.97	275.58	25	999.95	1.44	1.44 N	8.69 W	8.81	279.42	0.35	0.08	-20.04
	1025.00	0.88	269.82	25	1024.95	1.46	1.46 N	9.10 W	9.21	279.13	0.52	-0.36	-23.04
	1050.00	0.87	273.36	25	1049.94	1.47	1.47 N	9.48 W	9.59	278.83	0.22	-0.04	14.16
	1075.00	0.86	281.34	25	1074.94	1.52	1.52 N	9.85 W	9.97	278.78	0.48	-0.04	31.92
	1100.00	0.77	289.81	25	1099.94	1.61	1.61 N	10.19 W	10.32	279.00	0.60	-0.36	33.88
	1125.00	0.65	300.00	25	1124.94	1.74	1.74 N	10.47 W	10.62	279.45	0.69	-0.48	40.76
	1150.00	0.46	310.03	25	1149.93	1.88	1.88 N	10.67 W	10.84	279.98	0.85	-0.76	40.12
	1175.00	0.49	324.19	25	1174.93	2.03	2.03 N	10.81 W	11.00	280.63	0.48	0.12	56.64
	1200.00	0.43	325.19	25	1199.93	2.19	2.19 N	10.93 W	11.15	281.35	0.24	-0.24	4.00
	1225.00	0.42	304.46	25	1224.93	2.32	2.32 N	11.06 W	11.30	281.86	0.61	-0.04	-82.92
	1250.00	0.17	281.74	25	1249.93	2.38	2.38 N	11.17 W	11.42	282.03	1.09	-1.00	-90.88
	1275.00	0.28	18.50	25	1274.93	2.45	2.45 N	11.19 W	11.45	282.34	1.38	0.44	-1052.96
	1300.00	0.51	3.28	25	1299.93	2.62	2.62 N	11.16 W	11.46	283.19	1.00	0.92	-60.88
	1325.00	0.52	359.75	25	1324.93	2.84	2.84 N	11.15 W	11.51	284.28	0.13	0.04	1425.88
	1350.00	0.53	0.49	25	1349.93	3.07	3.07 N	11.15 W	11.57	285.38	0.05	0.04	-1437.04
	1375.00	0.56	5.18	25	1374.93	3.31	3.31 N	11.14 W	11.62	286.53	0.21	0.12	18.76
	1400.00	0.51	356.88	25	1399.93	3.54	3.54 N	11.14 W	11.69	287.63	0.37	-0.20	1406.80
	1425.00	0.65	358.58	25	1424.93	3.79	3.79 N	11.15 W	11.77	288.79	0.56	0.56	6.80
	1450.00	0.65	1.83	25	1449.92	4.08	4.08 N	11.15 W	11.87	290.09	0.15	0.00	-1427.00
	1475.00	0.75	352.58	25	1474.92	4.38	4.38 N	11.16 W	11.99	291.42	0.60	0.40	1403.00
	1500.00	0.78	353.32	25	1499.92	4.71	4.71 N	11.20 W	12.15	292.81	0.13	0.12	2.96



Company: Burnett
 Well: Nosler 12 Federal EG # 6H
 Location: Eddy Co., New Mexico
 Rig: Pulling Unit

Job Number: 63031
 Grid Corr.: -0.27
 Lat: 32.85
 Long: -103.83

Calculation Method: Minimum Curvature
 Proposed Azimuth:
 RKB - MSL in feet: 17.5
 Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclina- tion (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	1525.00	1.00	349.39	25	1524.92	5.09	5.09 N	11.26 W	12.36	294.34	0.91	0.88	-15.72
	1550.00	0.85	347.73	25	1549.91	5.49	5.49 N	11.34 W	12.60	295.83	0.61	-0.60	-6.64
	1575.00	0.82	348.02	25	1574.91	5.85	5.85 N	11.42 W	12.83	297.11	0.12	-0.12	1.16
	1600.00	0.90	342.18	25	1599.91	6.21	6.21 N	11.52 W	13.08	298.33	0.47	0.32	-23.36
	1625.00	0.64	340.24	25	1624.91	6.53	6.53 N	11.62 W	13.33	299.31	1.05	-1.04	-7.76
	1650.00	0.65	349.66	25	1649.90	6.80	6.80 N	11.70 W	13.53	300.16	0.43	0.04	37.68
	1675.00	0.62	357.35	25	1674.90	7.07	7.07 N	11.73 W	13.70	301.09	0.36	-0.12	30.76
	1700.00	0.57	353.41	25	1699.90	7.33	7.33 N	11.75 W	13.85	301.96	0.26	-0.20	-15.76
	1725.00	0.78	7.37	25	1724.90	7.62	7.62 N	11.74 W	14.00	302.99	1.06	0.84	-1384.16
	1750.00	0.98	15.86	25	1749.90	8.00	8.00 N	11.66 W	14.14	304.44	0.95	0.80	33.96
	1775.00	0.80	7.89	25	1774.89	8.38	8.38 N	11.58 W	14.29	305.88	0.87	-0.72	-31.88
	1800.00	0.92	14.75	25	1799.89	8.74	8.74 N	11.50 W	14.45	307.23	0.63	0.48	27.44
	1825.00	0.99	13.99	25	1824.89	9.15	9.15 N	11.40 W	14.62	308.74	0.28	0.28	-3.04
	1850.00	0.89	12.21	25	1849.88	9.55	9.55 N	11.31 W	14.80	310.17	0.42	-0.40	-7.12
	1875.00	1.00	9.87	25	1874.88	9.95	9.95 N	11.23 W	15.00	311.55	0.47	0.44	-9.36
	1900.00	0.96	10.16	25	1899.88	10.37	10.37 N	11.15 W	15.23	312.92	0.16	-0.16	1.16
	1925.00	0.99	8.41	25	1924.87	10.79	10.79 N	11.09 W	15.47	314.23	0.17	0.12	-7.00
	1950.00	0.99	5.83	25	1949.87	11.22	11.22 N	11.03 W	15.74	315.48	0.18	0.00	-10.32
	1975.00	0.96	359.40	25	1974.87	11.64	11.64 N	11.01 W	16.03	316.60	0.45	-0.12	1414.28
	2000.00	1.06	350.25	25	1999.86	12.08	12.08 N	11.05 W	16.38	317.54	0.76	0.40	-36.60
	2025.00	0.80	337.33	25	2024.86	12.47	12.47 N	11.16 W	16.73	318.17	1.33	-1.04	-51.68
	2050.00	0.73	338.70	25	2049.86	12.78	12.78 N	11.29 W	17.05	318.55	0.29	-0.28	5.48
	2075.00	0.69	5.13	25	2074.85	13.08	13.08 N	11.33 W	17.30	319.10	1.31	-0.16	-1334.28
	2100.00	0.83	2.93	25	2099.85	13.41	13.41 N	11.31 W	17.54	319.86	0.57	0.56	-8.80
	2125.00	0.71	2.87	25	2124.85	13.74	13.74 N	11.29 W	17.79	320.60	0.48	-0.48	-0.24
	2150.00	0.69	358.63	25	2149.85	14.05	14.05 N	11.29 W	18.02	321.23	0.22	-0.08	1423.04
	2175.00	0.77	353.15	25	2174.85	14.37	14.37 N	11.31 W	18.28	321.79	0.42	0.32	-21.92
	2200.00	0.55	348.50	25	2199.84	14.65	14.65 N	11.35 W	18.54	322.23	0.90	-0.88	-18.60
	2225.00	0.46	352.86	25	2224.84	14.87	14.87 N	11.39 W	18.73	322.55	0.39	-0.36	17.44
	2250.00	0.42	346.90	25	2249.84	15.06	15.06 N	11.42 W	18.90	322.81	0.24	-0.16	-23.84



Company: Burnett
 Well: Nosler 12 Federal EG # 6H
 Location: Eddy Co., New Mexico
 Rig: Pulling Unit

Job Number: 63031
 Grid Corr.: -0.27
 Lat: 32.85
 Long: -103.83

Calculation Method: Minimum Curvature
 Proposed Azimuth:
 RKB - MSL in feet: 17.5
 Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	2275.00	0.43	344.50	25	2274.84	15.24	15.24 N	11.47 W	19.07	323.03	0.08	0.04	-9.60
	2300.00	0.55	329.01	25	2299.84	15.43	15.43 N	11.56 W	19.28	323.17	0.71	0.48	-61.96
	2325.00	0.60	343.42	25	2324.84	15.66	15.66 N	11.65 W	19.52	323.34	0.61	0.20	57.64
	2350.00	0.62	337.02	25	2349.84	15.91	15.91 N	11.75 W	19.77	323.56	0.28	0.08	-25.60
	2375.00	0.57	329.90	25	2374.84	16.14	16.14 N	11.86 W	20.03	323.69	0.36	-0.20	-28.48
	2400.00	0.51	352.84	25	2399.84	16.36	16.36 N	11.94 W	20.25	323.88	0.89	-0.24	91.76
	2425.00	0.63	72.43	25	2424.84	16.51	16.51 N	11.82 W	20.30	324.40	2.94	0.48	-1121.64
	2450.00	1.11	95.17	25	2449.83	16.53	16.53 N	11.45 W	20.11	325.30	2.33	1.92	90.96
	2475.00	1.26	107.20	25	2474.83	16.43	16.43 N	10.94 W	19.74	326.33	1.16	0.60	48.12
	2500.00	1.36	105.65	25	2499.82	16.27	16.27 N	10.40 W	19.30	327.42	0.42	0.40	-6.20
	2525.00	1.30	106.43	25	2524.81	16.11	16.11 N	9.84 W	18.87	328.58	0.25	-0.24	3.12
	2550.00	1.14	102.48	25	2549.81	15.97	15.97 N	9.32 W	18.49	329.73	0.72	-0.64	-15.80
	2575.00	1.09	104.44	25	2574.80	15.86	15.86 N	8.85 W	18.16	330.84	0.25	-0.20	7.84
	2600.00	0.86	107.82	25	2599.80	15.74	15.74 N	8.44 W	17.86	331.80	0.95	-0.92	13.52
	2625.00	1.04	120.74	25	2624.80	15.57	15.57 N	8.07 W	17.53	332.61	1.11	0.72	51.68
	2650.00	1.08	122.67	25	2649.79	15.33	15.33 N	7.67 W	17.14	333.40	0.21	0.16	7.72
	2675.00	1.08	118.79	25	2674.79	15.08	15.08 N	7.27 W	16.74	334.27	0.29	0.00	-15.52
	2700.00	1.13	119.46	25	2699.78	14.85	14.85 N	6.85 W	16.35	335.24	0.21	0.20	2.68
	2725.00	1.03	117.75	25	2724.78	14.62	14.62 N	6.43 W	15.98	336.25	0.42	-0.40	-6.84
	2750.00	1.00	111.19	25	2749.77	14.44	14.44 N	6.03 W	15.65	337.33	0.48	-0.12	-26.24
	2775.00	1.02	113.80	25	2774.77	14.27	14.27 N	5.63 W	15.34	338.49	0.20	0.08	10.44
	2800.00	1.07	107.70	25	2799.77	14.11	14.11 N	5.20 W	15.04	339.77	0.49	0.20	-24.40
	2825.00	0.70	111.12	25	2824.76	13.98	13.98 N	4.83 W	14.80	340.93	1.49	-1.48	13.68
	2850.00	0.75	130.18	25	2849.76	13.82	13.82 N	4.57 W	14.56	341.72	0.98	0.20	76.24
	2875.00	0.95	119.99	25	2874.76	13.62	13.62 N	4.26 W	14.27	342.62	1.00	0.80	-40.76
	2900.00	0.76	118.98	25	2899.76	13.43	13.43 N	3.94 W	14.00	343.66	0.76	-0.76	-4.04
	2925.00	0.79	124.68	25	2924.75	13.25	13.25 N	3.65 W	13.75	344.60	0.33	0.12	22.80
	2950.00	0.75	122.78	25	2949.75	13.07	13.07 N	3.37 W	13.49	345.53	0.19	-0.16	-7.60
	2975.00	0.71	128.02	25	2974.75	12.88	12.88 N	3.11 W	13.25	346.42	0.31	-0.16	20.96
	3000.00	0.53	104.16	25	2999.75	12.76	12.76 N	2.88 W	13.08	347.29	1.24	-0.72	-95.44



Company: Burnett
 Well: Nosler 12 Federal EG # 6H
 Location: Eddy Co., New Mexico
 Rig: Pulling Unit

Job Number: 63031
 Grid Corr.: -0.27
 Lat: 32.85
 Long: -103.83

Calculation Method: Minimum Curvature
 Proposed Azimuth:
 RKB - MSL in feet: 17.5
 Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
	3025.00	0.54	134.48	25	3024.75	12.65	12.65 N	2.68 W	12.93	348.03	1.12	0.04	121.28
	3050.00	0.60	140.13	25	3049.75	12.46	12.46 N	2.51 W	12.72	348.60	0.33	0.24	22.60
	3075.00	0.65	130.31	25	3074.74	12.27	12.27 N	2.32 W	12.49	349.29	0.47	0.20	-39.28
	3100.00	0.25	166.84	25	3099.74	12.13	12.13 N	2.20 W	12.33	349.71	1.89	-1.60	146.12
	3125.00	0.51	157.41	25	3124.74	11.97	11.97 N	2.15 W	12.16	349.84	1.07	1.04	-37.72
	3150.00	0.46	154.64	25	3149.74	11.78	11.78 N	2.06 W	11.96	350.08	0.22	-0.20	-11.08
	3175.00	0.33	136.01	25	3174.74	11.64	11.64 N	1.97 W	11.80	350.40	0.72	-0.52	-74.52
	3200.00	0.32	198.92	25	3199.74	11.52	11.52 N	1.94 W	11.68	350.44	1.36	-0.04	251.64
	3225.00	0.44	184.69	25	3224.74	11.36	11.36 N	1.97 W	11.53	350.16	0.61	0.48	-56.92
	3250.00	0.46	185.71	25	3249.74	11.16	11.16 N	1.99 W	11.34	349.90	0.09	0.08	4.08
	3275.00	0.44	187.03	25	3274.74	10.97	10.97 N	2.01 W	11.15	349.61	0.09	-0.08	5.28
	3300.00	0.18	209.61	25	3299.74	10.84	10.84 N	2.04 W	11.03	349.33	1.13	-1.04	90.32
	3325.00	0.47	211.01	25	3324.74	10.71	10.71 N	2.11 W	10.92	348.84	1.16	1.16	5.60
	3350.00	0.42	198.94	25	3349.74	10.54	10.54 N	2.20 W	10.77	348.23	0.42	-0.20	-48.28
	3375.00	0.49	189.09	25	3374.74	10.35	10.35 N	2.24 W	10.59	347.77	0.42	0.28	-39.40
	3400.00	0.46	97.55	25	3399.74	10.23	10.23 N	2.16 W	10.45	348.08	2.72	-0.12	-366.16
	3425.00	0.42	234.08	25	3424.74	10.16	10.16 N	2.13 W	10.38	348.14	3.27	-0.16	546.12
	3450.00	0.57	215.03	25	3449.73	10.01	10.01 N	2.28 W	10.26	347.16	0.88	0.60	-76.20
	3475.00	0.63	225.90	25	3474.73	9.81	9.81 N	2.45 W	10.11	345.97	0.51	0.24	43.48
	3500.00	0.71	217.55	25	3499.73	9.59	9.59 N	2.64 W	9.95	344.59	0.50	0.32	-33.40
	3525.00	0.59	218.46	25	3524.73	9.37	9.37 N	2.82 W	9.78	343.26	0.48	-0.48	3.64
	3550.00	0.50	217.08	25	3549.73	9.18	9.18 N	2.96 W	9.65	342.11	0.36	-0.36	-5.52
	3575.00	0.46	202.97	25	3574.73	9.00	9.00 N	3.07 W	9.51	341.17	0.50	-0.16	-56.44
	3600.00	0.47	228.59	25	3599.73	8.84	8.84 N	3.18 W	9.40	340.19	0.83	0.04	102.48
	3625.00	0.65	226.20	25	3624.73	8.67	8.67 N	3.36 W	9.30	338.80	0.73	0.72	-9.56
	3650.00	0.75	224.02	25	3649.72	8.46	8.46 N	3.58 W	9.18	337.06	0.41	0.40	-8.72
	3675.00	0.68	225.90	25	3674.72	8.24	8.24 N	3.80 W	9.07	335.23	0.30	-0.28	7.52
	3700.00	0.51	231.94	25	3699.72	8.06	8.06 N	3.99 W	9.00	333.65	0.72	-0.68	24.16
	3725.00	0.77	233.30	25	3724.72	7.90	7.90 N	4.22 W	8.95	331.90	1.04	1.04	5.44
	3750.00	0.81	231.77	25	3749.72	7.69	7.69 N	4.49 W	8.90	329.71	0.18	0.16	-6.12



Company: Burnett
 Well: Nosler 12 Federal EG # 6H
 Location: Eddy Co., New Mexico
 Rig: Pulling Unit

Job Number: 63031
 Grid Corr.: -0.27
 Lat: 32.85
 Long: -103.83

Calculation Method: Minimum Curvature
 Proposed Azimuth:
 RKB - MSL in feet: 17.5
 Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	3775.00	0.77	220.24	25	3774.71	7.45	7.45 N	4.74 W	8.83	327.54	0.65	-0.16	-46.12
	3800.00	0.64	224.52	25	3799.71	7.22	7.22 N	4.94 W	8.75	325.60	0.56	-0.52	17.12
	3825.00	0.80	239.90	25	3824.71	7.03	7.03 N	5.19 W	8.74	323.56	1.00	0.64	61.52
	3850.00	0.97	236.13	25	3849.71	6.83	6.83 N	5.52 W	8.78	321.05	0.72	0.68	-15.08
	3875.00	0.88	227.71	25	3874.70	6.58	6.58 N	5.84 W	8.80	318.43	0.65	-0.36	-33.68
	3900.00	0.68	236.48	25	3899.70	6.37	6.37 N	6.10 W	8.82	316.23	0.93	-0.80	35.08
	3925.00	0.73	251.03	25	3924.70	6.24	6.24 N	6.38 W	8.92	314.36	0.74	0.20	58.20
	3950.00	0.95	245.32	25	3949.70	6.10	6.10 N	6.72 W	9.07	312.24	0.94	0.88	-22.84
	3975.00	0.97	234.89	25	3974.69	5.89	5.89 N	7.08 W	9.21	309.77	0.70	0.08	-41.72
	4000.00	0.77	234.80	25	3999.69	5.67	5.67 N	7.39 W	9.31	307.51	0.80	-0.80	-0.36
	4025.00	0.89	256.95	25	4024.69	5.53	5.53 N	7.71 W	9.49	305.64	1.36	0.48	88.60
	4050.00	1.03	245.02	25	4049.68	5.39	5.39 N	8.11 W	9.74	303.63	0.97	0.56	-47.72
	4075.00	0.95	228.47	25	4074.68	5.16	5.16 N	8.47 W	9.91	301.36	1.18	-0.32	-66.20
	4100.00	0.66	240.27	25	4099.68	4.95	4.95 N	8.75 W	10.05	299.51	1.33	-1.16	47.20
	4125.00	0.95	251.46	25	4124.68	4.81	4.81 N	9.07 W	10.27	297.96	1.31	1.16	44.76
	4150.00	0.98	240.54	25	4149.67	4.64	4.64 N	9.45 W	10.53	296.16	0.74	0.12	-43.68
	4175.00	0.85	224.28	25	4174.67	4.40	4.40 N	9.77 W	10.71	294.28	1.16	-0.52	-65.04
	4200.00	0.59	241.20	25	4199.67	4.21	4.21 N	10.01 W	10.86	292.81	1.33	-1.04	67.68
	4225.00	0.85	255.63	25	4224.67	4.10	4.10 N	10.30 W	11.09	291.71	1.26	1.04	57.72
	4250.00	1.01	249.54	25	4249.66	3.98	3.98 N	10.69 W	11.40	290.42	0.75	0.64	-24.36
	4275.00	0.81	231.21	25	4274.66	3.79	3.79 N	11.03 W	11.66	288.97	1.40	-0.80	-73.32
	4300.00	0.52	245.14	25	4299.66	3.63	3.63 N	11.27 W	11.84	287.86	1.32	-1.16	55.72
	4325.00	0.92	253.39	25	4324.66	3.53	3.53 N	11.57 W	12.09	286.96	1.65	1.60	33.00
	4350.00	0.97	238.14	25	4349.65	3.36	3.36 N	11.94 W	12.40	285.71	1.02	0.20	-61.00
	4375.00	0.61	239.07	25	4374.65	3.18	3.18 N	12.23 W	12.64	284.56	1.44	-1.44	3.72
	4400.00	0.24	314.10	25	4399.65	3.15	3.15 N	12.38 W	12.78	284.25	2.38	-1.48	300.12
	4425.00	0.67	52.41	25	4424.65	3.27	3.27 N	12.31 W	12.73	284.89	2.97	1.72	-1046.76
	4450.00	0.63	38.14	25	4449.65	3.47	3.47 N	12.11 W	12.59	285.99	0.67	-0.16	-57.08
	4475.00	0.40	53.06	25	4474.65	3.63	3.63 N	11.95 W	12.49	286.89	1.06	-0.92	59.68
	4500.00	0.41	55.35	25	4499.64	3.73	3.73 N	11.81 W	12.38	287.54	0.08	0.04	9.16



Company: Burnett
 Well: Nosler 12 Federal EG # 6H
 Location: Eddy Co., New Mexico
 Rig: Pulling Unit

Job Number: 63031
 Grid Corr.: -0.27
 Lat: 32.85
 Long: -103.83

Calculation Method: Minimum Curvature
 Proposed Azimuth:
 RKB - MSL in feet: 17.5
 Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	4525.00	0.68	45.42	25	4524.64	3.89	3.89 N	11.63 W	12.26	288.49	1.14	1.08	-39.72
	4550.00	0.65	30.15	25	4549.64	4.11	4.11 N	11.45 W	12.17	289.76	0.72	-0.12	-61.08
	4575.00	0.73	54.63	25	4574.64	4.33	4.33 N	11.25 W	12.05	291.05	1.21	0.32	97.92
	4600.00	0.31	64.72	25	4599.64	4.45	4.45 N	11.06 W	11.92	291.92	1.71	-1.68	40.36
	4625.00	0.81	57.95	25	4624.64	4.57	4.57 N	10.85 W	11.77	292.86	2.01	2.00	-27.08
	4650.00	0.45	35.82	25	4649.64	4.75	4.75 N	10.64 W	11.65	294.04	1.71	-1.44	-88.52
	4675.00	0.73	72.64	25	4674.64	4.87	4.87 N	10.43 W	11.51	295.04	1.83	1.12	147.28
	4700.00	0.74	59.60	25	4699.63	5.00	5.00 N	10.14 W	11.31	296.26	0.67	0.04	-52.16
	4725.00	0.38	61.16	25	4724.63	5.12	5.12 N	9.93 W	11.17	297.30	1.44	-1.44	6.24
	4750.00	0.81	77.23	25	4749.63	5.20	5.20 N	9.68 W	10.99	298.25	1.83	1.72	64.28
	4775.00	0.77	82.73	25	4774.63	5.26	5.26 N	9.34 W	10.73	299.39	0.34	-0.16	22.00
	4800.00	0.93	96.93	25	4799.63	5.26	5.26 N	8.98 W	10.40	300.37	1.05	0.64	56.80
	4825.00	2.58	127.91	25	4824.61	4.89	4.89 N	8.33 W	9.66	300.41	7.38	6.60	123.92
	4850.00	5.64	136.68	25	4849.55	3.65	3.65 N	7.04 W	7.93	297.40	12.46	12.24	35.08
	4875.00	7.78	136.01	25	4874.37	1.54	1.54 N	5.03 W	5.26	287.03	8.57	8.56	-2.68
	4900.00	12.00	133.33	25	4899.00	-1.46	1.46 S	1.96 W	2.44	233.25	16.98	16.88	-10.72
	4925.00	15.31	132.25	25	4923.29	-5.47	5.47 S	2.38 E	5.96	156.51	13.28	13.24	-4.32
	4950.00	18.02	131.98	25	4947.23	-10.27	10.27 S	7.69 E	12.84	143.17	10.84	10.84	-1.08
	4975.00	20.52	133.51	25	4970.83	-15.88	15.88 S	13.75 E	21.00	139.11	10.20	10.00	6.12
	5000.00	23.01	134.94	25	4994.05	-22.35	22.35 S	20.39 E	30.25	137.63	10.18	9.96	5.72
	5025.00	26.50	135.77	25	5016.75	-29.80	29.80 S	27.74 E	40.71	137.05	14.03	13.96	3.32
	5050.00	28.97	136.43	25	5038.87	-38.18	38.18 S	35.80 E	52.34	136.84	9.96	9.88	2.64
	5075.00	30.62	136.86	25	5060.57	-47.21	47.21 S	44.33 E	64.76	136.81	6.66	6.60	1.72
	5100.00	32.59	138.01	25	5081.86	-56.86	56.86 S	53.19 E	77.86	136.91	8.24	7.88	4.60
	5125.00	33.83	138.99	25	5102.78	-67.12	67.12 S	62.26 E	91.55	137.15	5.40	4.96	3.92
	5150.00	34.14	141.27	25	5123.51	-77.85	77.85 S	71.21 E	105.51	137.55	5.25	1.24	9.12
	5175.00	34.61	143.04	25	5144.14	-88.99	88.99 S	79.87 E	119.58	138.09	4.42	1.88	7.08
	5200.00	36.47	143.23	25	5164.48	-100.62	100.62 S	88.59 E	134.06	138.64	7.45	7.44	0.76
	5225.00	40.19	142.71	25	5184.09	-112.99	112.99 S	97.93 E	149.52	139.08	14.94	14.88	-2.08
	5250.00	43.55	142.10	25	5202.70	-126.21	126.21 S	108.11 E	166.18	139.42	13.54	13.44	-2.44



Company: Burnett
 Well: Nosler 12 Federal EG # 6H
 Location: Eddy Co., New Mexico
 Rig: Pulling Unit

Job Number: 63031
 Grid Corr.: -0.27
 Lat: 32.85
 Long: -103.83

Calculation Method: Minimum Curvature
 Proposed Azimuth:
 RKB - MSL in feet: 17.5
 Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclina- tion (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	5275.00	45.96	141.78	25	5220.46	-140.07	140.07 S	118.96 E	183.77	139.66	9.68	9.64	-1.28
	5300.00	48.01	141.78	25	5237.51	-154.43	154.43 S	130.27 E	202.03	139.85	8.20	8.20	0.00
	5325.00	50.65	142.11	25	5253.80	-169.36	169.36 S	141.95 E	220.98	140.03	10.61	10.56	1.32
	5350.00	53.73	142.03	25	5269.13	-184.93	184.93 S	154.09 E	240.72	140.20	12.32	12.32	-0.32
	5375.00	56.54	141.48	25	5283.41	-201.04	201.04 S	166.79 E	261.22	140.32	11.38	11.24	-2.20
	5400.00	57.30	141.84	25	5297.06	-217.47	217.47 S	179.79 E	282.16	140.42	3.27	3.04	1.44
	5425.00	58.28	139.59	25	5310.39	-233.84	233.84 S	193.18 E	303.31	140.44	8.56	3.92	-9.00
	5450.00	58.80	136.49	25	5323.44	-249.69	249.69 S	207.44 E	324.62	140.28	10.78	2.08	-12.40
	5475.00	61.31	134.55	25	5335.92	-265.14	265.14 S	222.62 E	346.21	139.98	12.08	10.04	-7.76
	5500.00	62.11	133.22	25	5347.76	-280.40	280.40 S	238.48 E	368.10	139.62	5.67	3.20	-5.32

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone (575) 803-6161 Fax (575) 803-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone (575) 744-1283 Fax (575) 744-0720

DISTRICT III
1000 Elc Brazos Rd., Artesia, NM 87410
Phone (505) 834-8178 Fax (505) 834-8170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 479-0489 Fax (505) 479-0483

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

OIL CONSERVATION DIVISION
ARTESIA DISTRICT

MAR 27 2017

Form C-102
Revised August 11, 2011
Submit one copy to appropriate
District Office

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-43421	Pool Code 26770	Pool Name Fren Glorieta Yeso
Property Code 315616	Property Name NOSLER 12 FED EG	Well Number 6H
OGRID No. 03080	Operator Name BURNETT OIL COMPANY, INC.	Elevation 3967'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	SOUTH/NORTH LINE	FEET from the	East/EAST LINE	County
H	11	17 S	31 E		1800	NORTH	300	EAST	EDDY

Bottom Hole Location if Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	SOUTH/NORTH LINE	FEET from the	East/EAST LINE	County
G	12	17 S	31 E		2285	NORTH	1675	EAST	EDDY
Dedicated Acres 120	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SURFACE LOCATION
Lot - N 32.851363
Long - W 103.832185
NMSPCE - N 673802.2
E 653901.5
(NAD-27)

BOTTOM HOLE LOCATION
Lot - N 32.850054
Long - W 103.819462
NMSPCE - N 673344.6
E 657811.2
(NAD-27)

OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Leslie Garvis 9/27/16
Signature Date
Leslie Garvis
Printed Name
lgarvis@burnettoil.com
Email Address

SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.

SEPTEMBER 27 2016
Date Surveyed
Professional Surveyor
7977
Certificate Number
7977
BURNETT OIL COMPANY

0' 1000' 2000' 3000' 4000'
SCALE: 1" = 2000'
WO Num.: 31868