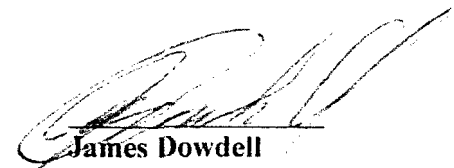




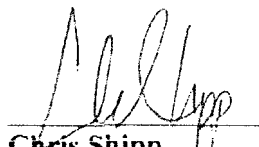
30-015-41016

State of New Mexico
Eddy County

I, **James Dowdell**, certify that; I am employed by Accel Directional; that I did on the day(s) of **10/26/2017** through **10/31/2017** conduct or supervise the taking of MWD survey(s) from a depth of **1289'** feet to a depth of **4618'** feet; that the data is true, correct, complete and within the limitations of the tool set forth by Accel Directional; that I am authorized and qualified to make this report; that this report was conducted at the request of **Limerock Resources** for the **Waldrop 13N No.3. in Eddy County, New Mexico**; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Accel Directional.



James Dowdell
Supervisor



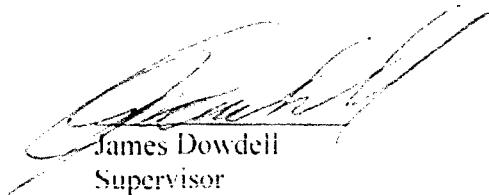
Chris Shipp
President



Enclosed, please find the original and one copy of the survey performed on the referenced well by Accel Directional. (Operator No. 301287) supervised by James Dowdell. Other information required by your office is as follows:

Name & Title of Supervisor	Drainhole Number	Surveyed Depths	Dates Performed	Type of Survey
James Dowdell		1289' – 4618'	10/26/17 – 10/31/17	MWD

If any other information is required, please contact the undersigned.



James Dowdell
Supervisor
jdowdell@acceldirectional.com
832-401-3400



Chris Shipp
President
Cshipp@acceldirectional.com
936-900-6204



SURVEY CALCULATION PROGRAM

Minimum Curvature		File:	
OPERATOR: Limerock Resources WELL: Waldrop 13N No 3 LOCATION: Eddy County, New Mexico RIG: United 33 JOB NUMBER: TX-17058		Target Information TARGET KBTVD: 4650.00 TARGET INCL: 0.00 TARGET AZM: 354.50 (Enter 0° N and 0° E for Surface)	
SURVEY COMPANY Accel Directional Directional Drillers Cliff Dylan Dowdell Limerock Resources		DIRECTIONAL COMPANY Accel Directional COORDINATORS Chris Shipp Waldrop 13N No 3	
PROPOSED DIRECTION: 0.01 COMMENTS:		VS Referenced to Offset from Surface NORTH/SOUTH: 0.00 EAST/WEST: 0.00 Dec / Total Corr.(+/-): 7.31	

SVY	MD	INC	TRUE AZM	TEMP °F	API Gamma	Course Length	Surface			CLOSURE		DLS/100'	BUR/100'	TVD AT 0' V. SEC.	ABOVE (+) BELOW (-)		RIGHT(+) LEFT(-)
							TVD	N-S	E-W	Vert Sect	DIST	DIR	100'	100'			
Tie-In	0	0.0	0.0			N/A	0.00	0.00	0.00		0.00	0.00	N/A	N/A			
1	1,289	1.8	272.3			1289	1288.79	0.81	-20.23	0.81	20.25	272.30	0.14	0.14	#DIV/0!	#DIV/0!	-20.06
2	1,321	1.7	273.1			32	1320.77	0.86	-21.21	0.85	21.22	272.32	0.32	-0.31	#DIV/0!	#DIV/0!	-21.03
3	1,353	1.9	305.2			32	1352.76	1.19	-22.11	1.19	22.15	273.08	3.17	0.63	#DIV/0!	#DIV/0!	-21.90
4	1,385	2.8	335.2			32	1384.73	2.21	-22.87	2.20	22.98	275.51	4.67	2.81	#DIV/0!	#DIV/0!	-22.56
5	1,417	4.1	350.7			32	1416.67	4.04	-23.39	4.04	23.73	279.81	4.96	4.06	#DIV/0!	#DIV/0!	-22.89
6	1,449	4.7	359.0			31	1447.58	6.41	-23.59	6.40	24.44	285.20	2.82	1.94	#DIV/0!	#DIV/0!	-22.87
7	1,481	5.2	0.6			33	1480.46	9.25	-23.60	9.25	25.35	291.41	1.57	1.52	#DIV/0!	#DIV/0!	-22.60
8	1,513	5.8	7.1			32	1512.31	12.31	-23.38	12.30	26.42	297.76	2.70	1.88	#DIV/0!	#DIV/0!	-22.09
9	1,545	6.6	4.8			32	1544.13	15.75	-23.03	15.74	27.90	304.36	2.62	2.50	#DIV/0!	#DIV/0!	-21.41
10	1,576	7.6	2.7			31	1574.89	19.57	-22.78	19.57	30.03	310.66	3.33	3.23	#DIV/0!	#DIV/0!	-20.80
11	1,608	8.2	1.5			32	1606.58	23.96	-22.62	23.96	32.96	316.65	1.94	1.88	#DIV/0!	#DIV/0!	-20.22
12	1,640	9.3	1.7			32	1638.21	28.83	-22.49	28.83	36.56	322.05	3.44	3.44	#DIV/0!	#DIV/0!	-19.62
13	1,672	10.2	2.9			32	1669.75	34.24	-22.27	34.24	40.85	326.97	2.88	2.81	#DIV/0!	#DIV/0!	-18.88
14	1,704	10.7	3.0			32	1701.22	40.04	-21.97	40.04	45.67	331.25	1.56	1.56	#DIV/0!	#DIV/0!	-18.03
15	1,736	10.8	1.3			32	1732.66	46.00	-21.74	46.00	50.88	334.70	1.04	0.31	#DIV/0!	#DIV/0!	-17.23
16	1,774	10.5	0.6			38	1770.00	53.03	-21.63	53.02	57.27	337.81	0.86	-0.79	#DIV/0!	#DIV/0!	-16.44
17	1,809	10.6	1.7			65	1833.00	64.02	-21.39	64.92	68.36	341.77	0.35	0.15	#DIV/0!	#DIV/0!	-15.07
18	1,902	10.5	2.6			63	1895.84	76.45	-20.96	76.45	79.27	344.67	0.31	-0.16	#DIV/0!	#DIV/0!	-13.53
19	1,967	10.5	2.5			65	1959.75	88.28	-20.43	88.28	90.62	346.97	0.03	0.00	#DIV/0!	#DIV/0!	-11.87
20	2,031	10.2	1.7			64	2022.71	99.77	-20.01	99.77	101.76	348.66	0.52	-0.47	#DIV/0!	#DIV/0!	-10.35
21	2,096	10.2	1.1			65	2086.68	111.28	-19.72	111.28	113.02	349.95	0.16	0.00	#DIV/0!	#DIV/0!	-8.97
22	2,158	10.4	0.5			62	2147.68	122.37	-19.57	122.36	123.92	350.91	0.37	0.32	#DIV/0!	#DIV/0!	-7.75
23	2,222	10.0	2.0			64	2210.67	133.70	-19.33	133.69	135.09	351.77	0.75	-0.63	#DIV/0!	#DIV/0!	-6.42
24	2,286	8.9	1.0			64	2273.80	144.20	-19.05	144.20	145.45	352.48	1.74	-1.72	#DIV/0!	#DIV/0!	-5.14
25	2,318	8.0	359.4			32	2305.45	148.90	-19.03	148.90	150.11	352.72	2.91	-2.81	#DIV/0!	#DIV/0!	-4.67
26	2,350	7.1	359.8			32	2337.17	153.11	-19.06	153.10	154.29	352.91	2.82	-2.81	#DIV/0!	#DIV/0!	-4.29
27	2,382	6.4	0.8			32	2368.95	156.87	-19.04	156.86	158.02	353.08	2.22	-2.19	#DIV/0!	#DIV/0!	-3.92
28	2,415	5.4	0.8			33	2401.78	160.26	-18.99	160.26	161.38	353.24	3.03	-3.03	#DIV/0!	#DIV/0!	-3.54
29	2,447	4.3	359.2			32	2433.66	162.96	-18.99	162.96	164.07	353.35	3.46	-3.44	#DIV/0!	#DIV/0!	-3.28
30	2,479	2.9	356.1			32	2465.60	164.97	-19.06	164.97	166.07	353.41	4.42	-4.38	#DIV/0!	#DIV/0!	-3.16
31	2,511	1.9	348.6			32	2497.57	166.30	-19.22	166.30	167.41	353.41	3.27	-3.13	#DIV/0!	#DIV/0!	-3.19
32	2,543	0.9	346.3			32	2529.56	167.06	-19.38	167.06	168.18	353.38	3.13	-3.13	#DIV/0!	#DIV/0!	-3.28
33	2,606	0.4	253.1			63	2592.56	167.48	-19.71	167.48	168.64	353.29	1.60	-0.79	#DIV/0!	#DIV/0!	-3.57
34	2,702	0.4	232.1			96	2688.55	167.18	-20.29	167.17	168.40	353.08	0.15	0.00	#DIV/0!	#DIV/0!	-4.18
35	2,797	0.1	248.0			95	2783.55	166.94	-20.63	166.94	168.21	352.95	0.32	-0.32	#DIV/0!	#DIV/0!	-4.54
36	2,861	0.1	272.9			64	2847.55	166.92	-20.74	166.92	168.21	352.92	0.07	0.00	#DIV/0!	#DIV/0!	-4.65
37	2,925	0.8	267.2			64	2911.55	166.90	-21.24	166.90	168.25	352.75	1.09	1.09	#DIV/0!	#DIV/0!	-5.15
38	2,989	0.6	262.3			64	2975.55	166.84	-22.02	166.83	168.29	352.48	0.33	-0.31	#DIV/0!	#DIV/0!	-5.93
39	3,085	0.7	281.5			96	3071.54	166.89	-23.09	166.88	168.48	352.12	0.25	0.10	#DIV/0!	#DIV/0!	-6.99
40	3,181	1.0	273.7			96	3167.53	167.06	-24.50	167.05	168.85	351.66	0.33	0.31	#DIV/0!	#DIV/0!	-8.38
41	3,278	0.7	288.2			97	3264.52	167.30	-25.91	167.29	169.29	351.20	0.38	-0.31	#DIV/0!	#DIV/0!	-9.76
42	3,374	0.7	302.8			96	3360.51	167.80	-26.96	167.79	169.95	350.87	0.19	0.00	#DIV/0!	#DIV/0!	-10.76
43	3,470	0.6	143.9			96	3456.51	167.71	-27.16	167.71	169.90	350.80	1.33	-0.10	#DIV/0!	#DIV/0!	-10.96
44	3,565	0.7	146.1			95	3551.50	166.83	-26.54	166.82	168.93	350.96	0.11	0.11	#DIV/0!	#DIV/0!	-10.43
45	3,661	0.9	125.3			96	3647.49	165.90	-25.60	165.90	167.87	351.23	0.36	0.21	#DIV/0!	#DIV/0!	-9.58
46	3,757	1.0	123.2			96	3743.48	165.01	-24.28	165.01	166.79	351.63	0.11	0.10	#DIV/0!	#DIV/0!	-8.36
47	3,853	1.3	108.3			96	3839.46	164.21	-22.55	164.21	165.75	352.18	0.44	0.31	#DIV/0!	#DIV/0!	-6.71
48	3,885	1.5	122.4			32	3871.45	163.87	-21.85	163.87	165.32	352.40	1.24	0.63	#DIV/0!	#DIV/0!	-6.04
49	3,949	1.5	114.4			64	3935.43	163.08	-20.38	163.07	164.34	352.88	0.33	0.00	#DIV/0!	#DIV/0!	-4.66
50	4,044	1.5	103.1			95	4030.40	162.28	-18.04	162.28	163.28	353.66	0.31	0.00	#DIV/0!	#DIV/0!	-2.40
51	4,140	1.8	97.5			96	4126.36	161.80	-15.32	161.80	162.52	354.59	0.35	0.31	#DIV/0!	#DIV/0!	0.26
52	4,235	1.7	85.1			95	4221.31	161.72	-12.44	161.72	162.20	355.60	0.41	-0.11	#DIV/0!	#DIV/0!	3.12
53	4,331	0.9	72.7			96	4317.29	162.07	-10.30	162.07	162.40	356.36	0.88	-0.83	#DIV/0!	#DIV/0!	5.28
54	4,395	0.9	55.6			64	4381.28	162.50	-9.40	162.50	162.78	356.69	0.42	0.00	#DIV/0!	#DIV/0!	6.22
55	4,491	0.7	34.6			96	4477.27	163.41	-8.45	163.41	163.63	357.04	0.37	-0.21	#DIV/0!	#DIV/0!	7.25
56	4,555	1.1	36.2			64	4541.26	164.23	-7.86	164.23	164.42	357.26	0.63	0.63	#DIV/0!	#DIV/0!	7.92
57	4,618	0.9	30.2			63	4604.25	165.15	-7.26	165.14	165.31	357.48	0.36	-0.32	#DIV/0!	#DIV/0!	8.61
PTB	4,670	0.9	30.2			52	4656.25	165.85	-6.85	165.85	165.99	357.64	0.00	0.00	#DIV/0!	#DIV/0!	9.08