



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

NM OIL CONSERVATION
ARTESIA DISTRICT

JAN 16 2019

RECEIVED

October 27, 2018

Mack Energy Corporation
PO Box 960
Artesia, NM 88211-0960

30-005-64320
RE: Prince Rupert Federal 4H
565' FSL & 1675' FEL
Sec. 17, T15S, R29E
Chaves County, New Mexico

Dear Sir,

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

Very truly yours,

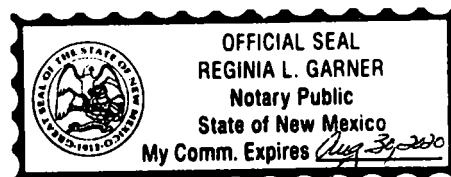
A handwritten signature in black ink, appearing to read "Chris Graham".

Chris Graham
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 27th day of October, 2018

A handwritten signature in black ink, appearing to read "Regina L. Garner".

Notary Public

Pason DataHub Deviation Survey 2018/11/01 14:34:34

Well Dossier 1539481031 - PRINCE RUPERT FED 4-H

MD(ftKB)	Incl(deg)	Azm(deg)	TVD(ftKB)
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20	0.53	130.59	20.00
175	1.10	300.20	
217	1.10	320.00	216.99
299	38.81	186.22	292.98
362	1.67	316.77	351.39
544	1.32	328.34	533.33
726	0.84	188.07	
912	1.71	174.80	901.28
1102	1.01	127.69	1091.23
1165	0.84	110.02	1154.22
1292	0.92	118.90	1281.21
1480	0.66	116.61	1469.19
1670	0.66	127.86	1659.18
1860	0.79	155.81	1849.16
2049	0.53	130.59	
2144	0.92	16.33	2133.15
2333	1.01	37.60	2322.12
2459	1.14	24.15	2448.10
2522	0.31	144.74	2511.10
2616	5.41	193.08	2604.95
2710	12.70	198.00	2697.72
2804	21.05	197.65	2787.59
2899	29.67	190.27	2873.38
2993	38.81	186.22	
3056	45.05	184.64	
3088	47.82	183.67	3020.23
3190	54.51	183.41	3084.16
3205	54.95	183.59	3092.82
3220	55.30	184.20	3101.40
3235	55.69	184.20	3109.89
3250	55.87	183.76	3118.33
3262	56.22	184.38	3125.03
3276	56.40	184.38	3132.80
3293	57.10	184.11	3142.12
3307	57.98	183.67	3149.63
3338	60.57	182.53	3165.47
3370	63.16	181.57	3180.56
3465	72.00	180.77	3216.75
3559	80.53	179.54	3239.05
3590	84.04	179.46	3243.21
3654	89.10	179.63	3247.04

MD(ftKB)	Incl(deg)	Azm(deg)	TVD(ftKB)
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3748	92.00	178.93	3246.14
3843	91.82	178.49	3242.97
3938	90.15	178.31	3241.34
4031	88.62	179.37	3242.34
4126	89.27	179.10	3244.09
4220	89.67	179.90	3244.96
4315	90.02	181.48	3245.21
4410	89.98	181.65	3245.21
4504	90.02	181.21	3245.21
4599	89.32	180.16	3245.76
4693	88.97	179.63	3247.16
4788	90.77	179.37	3247.38
4882	90.51	179.02	3246.33
4927	89.71	178.84	3246.24
5065	89.41	179.72	3247.30
5160	91.87	179.28	3246.24
5255	91.91	179.72	3243.11
5443	88.40	180.51	3242.60
5538	90.46	180.07	3243.55
5632	89.71	179.46	3243.41
5727	89.54	179.98	3244.03
5822	89.85	179.54	3244.53
5917	89.19	179.72	3245.33
6011	90.11	179.46	3245.90
6106	90.11	179.19	3245.72
6200	89.45	179.72	3246.08
6295	89.49	180.42	3246.96
6484	89.76	181.39	3248.20
6579	89.85	180.95	
6674	89.63	180.95	3249.21
6800	90.51	180.69	3249.05
6894	91.03	178.75	3247.79
6989	90.42	178.05	3246.59
7083	89.10	178.49	3246.98
7175	88.88	178.40	3248.60
7270	88.57	179.63	3250.72
7367	88.84	181.21	3252.91
7461	89.85	180.86	3253.99
7556	90.77	180.60	3253.47
7651	91.43	180.60	3251.65
7745	91.65	178.49	3249.12
7839	90.55	177.17	3247.32
7933	88.97	177.70	3247.71
8027	88.88	179.63	3249.47
8122	90.59	180.95	3249.91

MD(ftKB)	Incl(deg)	Azm(deg)	TVD(ftKB)
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8216	92.18	180.86	3247.64
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8311	92.66	180.69	3243.63
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8406	90.64	178.31	3240.89
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8500	88.84	177.87	3241.32
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8594	88.18	178.58	3243.77
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8689	88.88	180.25	3246.20
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8728	89.05	180.60	3246.91
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EOF