



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

NM OIL CONSERVATION
ARTESIA DISTRICT

AUG 22 2018

RECEIVED

June 5, 2018

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

30.005-64301

RE: White Rock Fed Com 2H
140' FNL & 660' FEL
Sec. 28, T15S, R29E
Chaves County, New Mexico

Dear Sir,

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

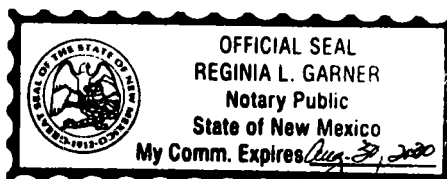
Very truly yours,

Chris Graham
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 5th day of June, 2018

SCANNED

Notary Public

White Rock Federal #2H

# MD(ftKB)	Incl(deg)	Azm(deg)	TVD(ftKB)
211	1.10	111.90	210.99
271	1.10	119.40	270.98
458	1.70	103.20	457.92
647	1.60	42.50	646.85
836	1.40	275.20	835.82
1025	1.00	288.10	1024.78
1215	0.90	276.20	1214.76
1404	0.80	294.40	1403.74
1594	0.50	288.50	1593.72
1782	0.70	304.80	1781.71
1972	0.40	292.10	1971.71
2161	0.40	261.00	2160.70
2197	45.00	0.40	2193.12
2350	0.60	277.90	2330.84
2539	0.40	315.50	2519.83
2673	4.40	9.10	2653.69
2734	6.70	13.60	2714.40
2765	9.30	5.10	2745.10
2797	11.20	355.40	2776.59
2829	13.00	0.80	2807.87
2882	19.30	1.00	2858.76
2914	23.40	3.10	2888.56
2946	27.10	2.00	2917.49
2977	29.40	1.30	2944.80
3008	31.90	359.80	2971.47
3039	35.00	359.30	2997.33
3071	38.50	0.20	3022.97
3102	40.80	1.20	3046.83
3141	44.10	1.00	3075.61
3175	44.80	0.70	3099.88
3216	45.80	0.20	3128.72
3221	46.20	0.30	3132.19
3260	49.50	0.60	3158.36
3291	53.60	358.70	3177.63
3322	58.30	357.80	3194.98
3354	63.30	357.00	3210.59
3385	68.40	357.30	3223.27
3417	73.50	358.00	3233.71
3448	78.40	359.60	3241.23
3480	83.60	0.60	3246.24
3512	88.70	1.00	3248.39
3543	90.30	1.10	3248.66

# MD(ftKB)	Incl(deg)	Azm(deg)	TVD(ftKB)
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3574	90.70	1.10	3248.39
3668	91.60	1.40	3246.50
3692	91.80	1.70	3245.79
3789	92.20	0.80	3242.40
3883	92.10	0.60	3238.88
3977	90.50	0.10	3236.74
4072	92.10	0.40	3234.59
4166	91.00	358.70	3232.05
4356	89.10	359.20	3231.88
4451	89.30	358.90	3233.21
4545	89.60	358.30	3234.11
4641	90.10	358.20	3234.36
4735	90.80	359.30	3233.62
4829	91.10	1.00	3232.06
4924	91.40	1.70	3229.99
5018	90.90	1.40	3228.10
5113	91.50	0.50	3226.11
5209	91.30	0.30	3223.77
5303	92.70	0.70	3220.49
5397	92.40	10.10	3216.30
5490	88.50	14.70	3215.57
5583	89.00	5.30	3217.60
5677	89.50	0.30	3218.83
5866	88.70	357.50	3221.80
5960	90.50	356.20	3222.46
6055	90.40	356.00	3221.71
6149	89.80	355.90	3221.55
6243	89.90	357.40	3221.79
6338	89.00	357.20	3222.70
6433	90.70	358.00	3222.95
6527	90.60	358.30	3221.89
6621	90.00	358.80	3221.39
6716	92.10	357.80	3219.65
6802	91.10	357.90	3217.25
6897	92.00	358.40	3214.68
6992	90.10	359.40	3212.94
7086	91.30	359.50	3211.79
7181	91.40	358.80	3209.56
7275	90.10	359.10	3208.32
7369	89.80	359.20	3208.41
7464	90.60	359.30	3208.08
7558	90.30	359.90	3207.34
7653	91.70	0.10	3205.68
7748	90.50	0.50	3203.86
7842	90.10	1.60	3203.36

MD(ftKB) Incl(deg) Azm(deg) TVD(ftKB)

7936 90.40 1.70 3202.95

8031 90.10 360.00 3202.54

8126 91.50 358.30 3201.21

8165 92.10 358.40 3199.99

EOF