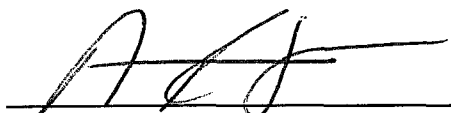


Apache Corporation (873)
303 Veterans Airpark Lane, #3000
Midland, TX 79705

Elliot EM 20 Federal #001 30-025-41442
Lea County, New Mexico

1650' FUL + 330' FWL WLE 20-225-37E

225	2.25	0.30	0.53	1.18	1.18
493	2.68	0.50	0.88	2.35	3.53
733	2.40	0.40	0.70	1.68	5.21
946	2.13	0.30	0.53	1.12	6.32
1227	2.81	0.30	0.53	1.48	7.80
1482	2.55	0.40	0.70	1.79	9.58
1610	1.28	0.10	0.18	0.22	9.81
1860	2.50	0.50	0.88	2.19	12.00
2118	2.58	1.10	1.93	4.97	16.96
2207	0.89	1.40	2.45	2.18	19.14
2335	1.28	1.50	2.63	3.36	22.50
2420	0.85	1.50	2.63	2.23	24.73
2548	1.28	1.50	2.63	3.36	28.09
2799	2.51	1.30	2.28	5.71	33.80
3011	2.12	0.90	1.58	3.34	37.14
3230	2.19	0.50	0.88	1.92	39.06
3444	2.14	0.20	0.35	0.75	39.81
3657	2.13	0.20	0.35	0.75	40.55
3870	2.13	0.30	0.53	1.12	41.67
4084	2.14	0.30	0.53	1.12	42.80
4296	2.12	0.20	0.35	0.74	43.54
4381	0.85	0.50	0.88	0.74	44.28
4720	3.39	0.75	1.31	4.45	48.73
4933	2.13	0.75	1.31	2.80	51.53
5232	2.99	0.50	0.88	2.62	54.14
5534	3.02	0.60	1.05	3.17	57.31
5838	3.04	0.30	0.53	1.60	58.91
6000	1.62	0.00	0.00	0.00	58.91
6216	2.16	0.30	0.53	1.13	60.04
6430	2.14	0.90	1.58	3.37	63.41
6643	2.13	0.80	1.40	2.98	66.40
6856	2.13	0.50	0.88	1.86	68.26
7069	2.13	0.10	0.18	0.37	68.63
7278	2.09	0.80	1.40	2.93	71.56
7458	1.80	1.10	1.93	3.47	75.02



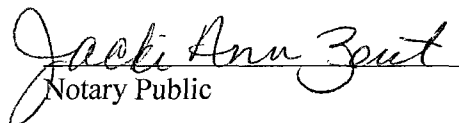
Archie Brown - General Manager

The attached instrument was acknowledged before me on the 31st day of December, 2013 by
Archie Brown - General Manager, CapStar Drilling, Inc.

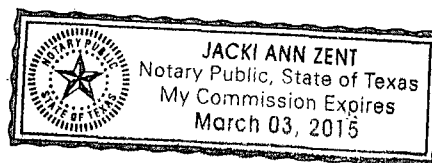
HOBBS OCD

APR 03 2014

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Notary Public



APR 14 2014