

INCLINATION REPORT

5-245

Lease Name: McCasland #18 Fee #1 Unit X

Operator: Pioneer Natural Resources USA, Inc.
P.O. Box 3178
Midland, TX 79702Location: Section 18, T-20-S, R39E
Lea County, New Mexico

1650/S 4 2000 W

RECORD OF INCLINATION

11.DEPTH (feet)	12.C.LENGTH (100')	13.ANGLE degrees	14.DISPL/ 100'	15.COURSE DISPL'	16.ACCUM. DISPL'
492	492	0.50	0.87	4.28	4.28
992	500	1.00	1.75	8.75	13.03
1515	523	0.75	1.31	6.85	19.88
1690	175	0.50	0.87	1.52	21.40
2094	404	4.25	7.41	29.94	51.34
2114	20	3.25	5.67	1.13	52.47
2185	71	3.25	5.67	4.03	56.50
2229	44	1.50	2.62	1.15	57.65
2322	93	2.25	3.93	3.65	61.30
2414	92	1.75	3.05	2.81	64.11
2507	93	2.00	3.49	3.25	67.36
2598	91	2.00	3.49	3.18	70.54
2693	95	2.25	3.93	3.73	74.27
2783	90	2.00	3.49	3.14	77.41
2876	93	1.50	2.62	2.44	79.85
2966	90	1.25	2.18	1.96	81.81
3059	93	1.00	1.75	1.63	83.44
3159	100	1.00	1.75	1.75	85.19
3275	116	0.75	1.31	1.52	86.71
3460	185	0.25	0.44	0.81	87.52
3707	247	0.25	0.44	1.09	88.61
4206	499	0.75	1.31	6.54	95.15
4355	149	1.00	1.75	2.61	97.76
4849	494	0.75	1.31	6.47	104.23
5329	480	1.00	1.75	8.40	112.63
5825	496	1.25	2.18	10.81	123.44
6325	500	1.00	1.75	8.75	132.19
6821	496	1.00	1.75	8.68	140.87
7319	498	1.25	2.18	10.86	151.73
7600	281	1.00	1.75	4.92	156.65

Allen Casteel
Signature of Authorized Representative
Allen Casteel, Drilling Superintendent
Name of Person & Title
FWA Drilling Co., Inc.
Name of Company
(915) 694-2531
Telephone

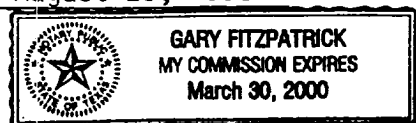
Total displacement of well bore at total depth of 7600 ft./156.65 ft.

Inclination measurements were made in drill pipe

Certified by

Gary Fitzpatrick

Date: August 26, 1998



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