

STATE OF NEW MEXICO
OIL AND GAS DIVISION

INCLINATION REPORT

FIELD NAME	LEASE NAME NORTH SHUGART FEDERAL	WELL NUMBER 2
OPERATOR GRUY PETROLEUM MANAGEMENT		COUNTY EDDY
ADDRESS P.O. BOX 140907, IRVING TX 75014		
LOCATION		

RECORD OF INCLINATION

MEASURED DEPTH FEET	COURSE LENGTH HUNDREDS OF FEET	ANGLE OF INCLINATION DEGREE	DISPLACEMENT PER HUNDRED FEET	COURSE DISPLACEMENT FEET	ACCUMULATIVE DISPLACEMENT
169	1.69	0.50	0.87	1.47	1.47
615	4.46	0.75	1.31	5.84	7.31
1070	4.55	0.50	0.87	3.97	11.28
1549	4.79	0.75	1.31	6.27	17.55
2027	4.78	0.75	1.31	6.26	23.81
2505	4.78	0.75	1.31	6.26	30.07
2793	2.88	0.50	0.87	2.51	32.58
3180	3.87	0.50	0.87	3.38	35.96
3439	2.59	0.50	0.87	2.26	38.22
3692	2.53	1.00	1.75	4.42	42.63
3919	2.27	1.00	1.75	3.96	46.59
4169	2.50	1.25	2.18	5.45	52.05
4427	2.58	1.00	1.75	4.50	56.55
4711	2.84	1.75	3.05	8.67	65.22
4775	0.64	1.50	2.62	1.68	66.90
5226	4.51	2.00	3.49	15.74	82.64
5475	2.49	1.50	2.62	6.52	89.16
5793	3.18	1.50	2.62	8.32	97.48
6208	4.15	1.75	3.05	12.67	110.15
6335	1.27	1.50	2.62	3.32	113.48
6622	2.87	1.25	2.18	6.26	119.74
6941	3.19	0.75	1.31	4.18	123.92
7229	2.88	0.50	0.87	2.51	126.43
7452	2.23	0.75	1.31	2.92	129.35
7516	0.64	1.00	1.75	1.12	130.46
7899	3.83	1.00	1.75	6.68	137.15
8187	2.88	1.00	1.75	5.03	142.18
8234	0.47	1.00	1.75	0.82	143.00
8542	3.08	0.75	1.31	4.03	147.03
8830	2.88	0.75	1.31	3.77	150.80
9117	2.87	2.00	3.49	10.02	160.81
9309	1.92	1.75	3.05	5.86	166.68
9404	0.95	2.00	3.49	3.32	169.99
9532	1.28	1.25	2.18	2.79	172.78
9616	0.84	2.00	3.49	2.93	175.72
9869	2.53	1.00	1.75	4.42	180.13
10325	4.56	0.50	0.87	3.98	184.11
10771	4.46	0.50	0.87	3.89	188.00
11218	4.47	0.75	1.31	5.85	193.85
11495	2.77	0.75	1.31	3.63	197.48
11918	4.23	1.00	1.75	7.38	204.86