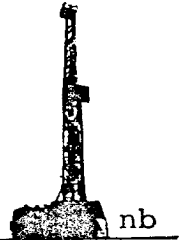




P. O. Box 952, Odessa, Texas 79760
(915) 381-0910 or 563-2023



MARCH 13, 1978

OPERATOR: YATES PETROLEUM CORPORATION
207 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210

LEASE NAME AND WELL NUMBER: BRADSHAW IY #1

COUNTY AND STATE: EDDY COUNTY, NEW MEXICO

MEASURED DEPTH	COURSE LENGTH	ANGLE OF INCLINATION	DISPLACEMENT PER 100 FEET	COURSE DISPLACEMENT	ACCUMULATIVE DISPLACEMENT
480	4.80	1	1.75	8.40	8.40
990	5.10	1/2	0.87	4.44	12.84
1455	4.65	1-1/2	2.62	12.18	25.02
1938	4.83	1-1/4	2.16	10.43	35.45
2435	4.97	3/4	1.31	6.51	41.96
2933	4.98	1	1.75	8.72	50.68
3429	4.96	1	1.75	8.68	59.36
3836	4.07	1-1/2	2.62	10.66	70.02
4362	5.26	1-1/4	2.16	11.36	81.38
4850	4.88	1-1/2	2.62	12.79	94.17
5385	5.35	1-1/4	2.16	11.56	105.73
5882	4.97	1-3/4	3.05	15.16	120.89
6442	5.60	1-3/4	3.05	17.08	137.97
7048	6.06	1-3/4	3.05	18.48	156.45
7647	5.99	2-1/4	3.93	23.54	179.99
8181	5.34	1	1.75	9.35	189.34

I declare under penalties prescribed in Article 603c, R. S. C., that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge.

SIGNATURE OF AUTHORIZED REPRESENTATIVE

GERALD M. SCOTT CONTROLLER

VERNA DRILLING COMPANY - ODESSA

(915) 381-0910

GMS/nb