

INCLINATION REPORT

05-Jun-89

30025-30504

OPERATOR: Marathon Oil Company
 ADDRESS: P.O. Box 522
 Midland, Texas 79702

WELL NAME: State E 744 "15" #1
 LOCATION: Section 15, T-18-S, R-33-E
 Lea County, New Mexico
 3086/8 + 5374/E

RECORD OF INCLINATION

MEASURED DEPTH (feet)	COURSE LENGTH	ANGLE OF INCLINATION (Degrees)	DISPLACEMENT PER HUNDRED FEET (Sine of Angle X100)	COURSE DISPLACEMENT (feet)	ACCUMULATIVE DISPLACEMENT (feet)
221	221	0.50	0.88	1.93	1.93
517	296	3.00	5.25	15.54	17.47
658	141	2.50	4.38	6.17	23.64
762	104	2.75	4.81	5.01	28.65
857	95	2.25	3.94	3.74	32.39
1015	158	2.50	4.38	6.91	39.30
1170	155	1.50	2.63	4.07	43.37
1453	283	2.50	4.38	12.38	55.75
1609	156	2.75	4.81	7.51	63.26
1734	125	1.50	2.63	3.28	66.54
2046	312	0.50	0.88	2.73	69.27
2395	349	0.75	1.31	4.58	73.85
2649	254	2.00	3.50	8.89	82.74
2807	158	1.75	3.06	4.84	87.58
2995	188	1.25	2.19	4.11	91.69
3105	110	1.25	2.19	2.41	94.10
3513	408	1.00	1.75	7.14	101.24
3987	474	1.00	1.75	8.30	109.53
4428	441	1.25	2.19	9.65	119.18
4869	441	1.00	1.75	7.72	126.90
5310	441	1.00	1.75	7.72	134.61
5750	440	1.00	1.75	7.70	142.31
6220	470	1.00	1.75	8.23	150.54
6688	468	1.50	2.63	12.29	162.82
7128	440	1.00	1.75	7.70	170.52
7567	439	1.75	3.06	13.44	183.97
7692	125	1.50	2.63	3.28	187.25
8190	498	1.50	2.63	13.07	200.32
8629	439	2.25	3.94	17.29	217.61
8866	237	1.75	3.06	7.26	224.87
9338	472	2.75	4.81	22.72	247.58
9644	306	2.00	3.50	10.71	258.29
9913	269	1.50	2.63	7.06	265.35
10382	469	1.00	1.75	8.21	273.56
10645	263	1.75	3.06	8.05	281.61
10923	278	1.50	2.63	7.30	288.91
11144	221	1.00	1.75	3.87	292.78
11423	279	0.50	0.88	2.44	295.22
11522	99	0.50	0.88	0.87	296.09

Accumulative total displacement at well bore at total depth of 11,522 feet = 296.09 feet.
 Inclination measurements were made in - Tubing Casing Open Hole X Drill Pipe.
 At no time was the subject well intentionally deviated from the vertical in any manner whatsoever.

INCLINATION DATA CERTIFICATION

I declare that I am authorized to make this certification,
 that I have personal knowledge of the inclination data and
 facts placed on this form and that such data and facts are
 true, correct and complete to the best of my knowledge.

SEAL

M. D. Mosley
 Signature of Authorized Representative

M. D. Mosley, Vice President, Drilling Operations
 Name of Person and Title

IOI Drilling Corporation
 Name of Company

Telephone: (915) 367-7361 or (915) 563-1948

Subscribed and sworn before me this
 5th Day of June, 1989.

Elizabeth A. Knight
 Notary Public for the State of Texas
 My Commission Expires June 10, 1989.

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