

OPERATOR: Primary Fuels, Inc.
ADDRESS: P.O. Box 569
Houston, Texas 77001

WELL NAME & NUMBER: Amoco Prod. No. 1-19
LOCATION: 1719 FSL, 1999 FWL, Section 19, T22S, R26E
COUNTY/STATE: Eddy County, New Mexico

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)
361	361	0.75	1.31	4.74	4.74
686	325	1.00	1.75	5.69	10.43
1132	446	1.00	1.75	7.81	18.23
1604	472	1.75	3.06	14.46	32.69
1912	308	1.25	2.19	6.74	39.42
2396	484	1.00	1.75	8.47	47.89
2700	304	1.00	1.75	5.32	53.21
3194	494	1.00	1.75	8.65	61.86
3687	493	1.50	2.63	12.94	74.80
3996	309	1.75	3.06	9.46	84.26
4347	351	1.50	2.63	9.21	93.48
4637	290	1.25	2.19	6.34	99.82
4931	344	1.25	2.19	7.53	107.35
5434	453	1.75	3.06	13.87	121.22
5804	370	1.50	2.63	9.71	130.93
6301	497	1.25	2.19	10.87	141.80
6805	504	1.25	2.19	11.03	152.83
7296	491	1.75	3.06	15.04	167.86
7689	393	1.00	1.75	5.83	174.74
8182	493	0.75	1.31	5.47	181.21
8716	534	1.50	2.63	14.02	195.23
9210	494	1.50	2.63	12.97	208.20
9660	450	2.00	3.50	15.75	223.95
10290	630	2.00	3.50	22.05	246.00
10580	290	2.75	4.81	13.96	259.95
10911	331	1.75	3.06	10.14	270.09
11400	489	0.75	1.31	6.42	276.51

Accumulative total displacement of well bore at total depth of 11,400 feet = 276.51 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.

M. D. Mosley
Signature of Authorized Representative

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

TDI Drilling Corporation
Name of Company

Telephone: (915) 367-7361

SEAL

Subscribed and sworn before me this
23rd Day of November, 1987

Clayton Q. Knight
Notary Public for the State of Texas

My commission expires 06/10/89