

## INCLINATION REPORT

09-May-90

OPERATOR: Bill Fenn, Inc.  
 ADDRESS: P.O. Drawer 569  
 Giddings, Texas 78942

WELL NAME: Buffalo Valley Federal 34-1  
 LOCATION: Section 34, T-14-S, R-27-E  
 Chaves 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)
352	352	1.50	2.63	9.24	9.24
791	439	0.75	1.31	5.76	15.00
1262	471	0.50	0.88	4.12	19.12
1600	338	0.25	0.44	1.48	20.60
2131	531	0.50	0.88	4.65	25.25
2561	430	0.50	0.88	3.76	29.01
3093	532	0.75	1.31	6.98	35.99
3571	478	0.75	1.31	6.27	42.27
4002	431	0.50	0.88	3.77	46.04
4500	498	0.50	0.88	4.36	50.40
4697	197	0.50	0.88	1.72	52.12
5181	484	0.75	1.31	6.35	58.47
5615	434	0.75	1.31	5.70	64.17
5895	280	1.75	3.06	8.58	72.74
5998	103	1.75	3.06	3.15	75.90
6114	116	0.75	1.31	1.52	77.42
6577	463	1.00	1.75	8.10	85.52
6776	199	0.50	0.88	1.74	87.26
7171	395	0.50	0.88	3.46	90.72
7642	471	0.75	1.31	6.18	96.90
7954	312	1.00	1.75	5.46	102.36
8145	191	1.75	3.06	5.85	108.21

Accumulative total displacement at well bore at total depth of 8,145' feet = 108.21 feet.  
 Inclination measurements were made in - ☐ Tubing ☐ Casing ☐ Open Hole ☒ 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 Operations  
 Name of Person and Title  
TOT Drilling Corporation  
 Name of Company  
 Telephone: (915) 563-1984 or 800-526-7215

STATE OF TEXAS       )  
 COUNTY OF MIDLAND   )

Subscribed and sworn before me this 9th day of May, 1990.

Elizabeth A. Knight  
 Notary Public, State of Texas  
 Elizabeth A. Knight

My commission expires the 10th day of June, 1990.

RECEIVED

MAY 25 1990

Ans'd.....