

A. W. WEIR  
PRESIDENT  
BRS (915) 699-7067

ALFAGAR DRILLING COMPANY  
1028 J. ANDREWS HIGHWAY  
P.O. BOX 4396  
MIDLAND, TEXAS 79704

ROY KEEFER  
DRILLING SUPERINTENDENT  
RES (915) 355-3487

Andarko Production Company  
Attn: Mr. Jerry Buckles  
P.O. Box 130  
Artesia, New Mexico 88210

Grier Federal #19  
Eddy County, New Mexico

RECEIVED

JUN 08 1983

O. C. D.

ARTESIA OFFICE

INCLINATION REPORT						ACCUMULATIVE DISPLACEMENT
Measured Depth (feet)	Course Length (Hundred of feet)	Angle of Inclination (Degrees)	Displacement per Hundred of feet (Sine of Angle x 100)	Course Displace- ment (feet)		Displace- ment (feet)
263	263	1/2	.87	2.29		2.29
557	294	3/4	1.31	3.85		6.14
1050	493	3/4	1.31	6.46		12.60
1597	547	3/4	1.31	7.17		19.77
2023	426	1	1.75	7.24		27.01
2447	424	1	1.75	7.42		34.43
2966	519	1	1.75	9.08		43.51
3249	283	3/4	1.31	3.71		47.22
3390	141	1/4	.44	6.20		53.42

Accumulative total displacement of well bore at total depth of 3390 feet = 53.42 feet.

Inclination measurements were made in drill pipe.

Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? NO

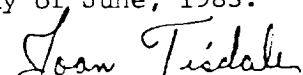
  
Roy Keefer, Drilling Superintendent

STATE OF TEXAS     X

COUNT OF MIDLAND   X

BEFORE ME this day personally appeared Roy Keefer, the person whose signature appears above who by me being duly sworn upon oath says the above statements are true and correct.

Subscribed and sworn to before me this 6th day of June, 1983.

  
Joan Tisdale  
Notary Public, Midland County, Texas

RECEIVED

JUN 8 1983

ARTESIA, N.M.