

DEVIATION SURVEY
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<u>DATE</u>	<u>DEPTH</u>	<u>DEGREE</u>
12-21-86	8,770'	2-1/2
12-21-86	8,800'	2-1/2
12-21-86	8,894'	2-1/4
12-21-86	9,049'	2
12-22-86	9,230'	2-3/4
12-22-86	9,321'	2-1/2
12-23-86	9,421'	2-1/4
12-23-86	9,515'	2-1/4
12-24-86	9,701'	2-1/4
12-25-86	9,859'	1-3/4
12-26-86	10,150'	2

Signed by: Jim W. Porter
Title: President

CORPORATION ACKNOWLEDGMENT

STATE OF OKLAHOMA)
) SS.
COUNTY OF CANADIAN)

On this 26th day of March, 1987, before me, the undersigned, a Notary Public, in and for the County and State aforesaid, personally appeared Jim W. Porter to me known to be the identical person who signed the name of the maker thereof to the within and foregoing instrument as its President and acknowledged to me that he executed the same as his free and voluntary act and deed of said corporation, for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

My Commission Expires:

11-18-90

Quincy J. Thompson

RECEIVED
MAR 31 1997
OCD
HOBBS OFFICE