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## LANDIS DRILLING COMPANY

POST OFFICE BOX 3579  
MIDLAND, TEXAS 79702

MAY 15 1980

O. C. D.

ARTESIA, OFFICE

OPERATOR Yates Petroleum Corporation ADDRESS 207 South 4th Street  
Atesia, New Mexico 88210  
LEASE NAME Lechuguilla Canyon Unit WELL NO. 4 FIELD Crocked Creek  
LOCATION 660 FSL and 1980 FEL, Sec. 8, T24 E, R24 E, Eddy County, New Mexico

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
88	$\frac{1}{2}$	.77	.77
145	$\frac{1}{2}$	.50	1.27
258	$\frac{1}{2}$	.98	2.25
445	$\frac{1}{2}$	1.63	3.88
608	$\frac{1}{4}$	.71	4.59
788	$\frac{1}{2}$	1.57	6.16
1130	$\frac{3}{4}$	4.47	10.63
1442	$\frac{3}{4}$	4.34	14.97
1575	$\frac{3}{4}$	1.85	16.82
1839	$\frac{3}{4}$	3.67	20.49
2119	$\frac{3}{4}$	3.89	24.32
2510	1	6.82	31.20
2726	1	3.77	34.97
2980	$1-\frac{1}{2}$	6.65	41.62
3189	$1-\frac{3}{4}$	6.38	48.00
3383	2	6.77	54.77
3562	2	6.25	61.02
3862	2	10.47	71.49
4059	2	6.87	78.36
4246	$1-\frac{3}{4}$	5.71	84.07
4494	$1-\frac{3}{4}$	7.57	91.64
4783	$1-\frac{3}{4}$	8.83	100.47
5024	2	8.41	108.88
5244	$1-\frac{3}{4}$	6.72	115.60
5501	2	8.97	124.57
5657	2	5.44	130.01
6019	$1-\frac{1}{2}$	9.47	139.48
6398	$1-\frac{1}{4}$	8.26	147.74
6730	$1-\frac{3}{4}$	10.13	154.87
7230	$1-\frac{3}{4}$	15.27	173.14
7708	$1-\frac{3}{4}$	14.60	187.74
7895	$1-\frac{3}{4}$	5.71	193.45
8290	$2-\frac{1}{4}$	15.50	208.95
8760	$1-\frac{3}{4}$	14.35	223.30
8905	$1-\frac{3}{4}$	4.42	227.72
9400	$1-\frac{1}{2}$	12.95	240.67
9961	$4-\frac{1}{4}$	41.57	282.24
10065	$5-\frac{1}{4}$	9.51	291.75
10500	$6-\frac{1}{4}$	47.35	339.10

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

LANDIS DRILLING COMPANY



Vice-President &amp; Manager

TITLE

## AFFIDAVIT:

Before me, the undersigned authority, appeared Cecil M. Wilson known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

  
AFFILIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 14th day of January, 1980

  
Notary Public in and for the Coun