

Field Name Inb. Permo Penn County Lea, New Mexico XXXXXXXXXXXX
Operator Paul DeCleva Address 102 011 Center City Wichita Falls
Lease Name & No. Shell State Well No. 1 Survey 11-11-54 Texas

RECORD OF INCLINATION

Depth (feet)	Angle of Inclination (degrees)	Displacement (feet)	Accumulative Displacement (feet)
120	1/4	1.85	1.85
750	1/2	2.87	4.72
1150	3/4	5.24	9.96
1410	1	4.55	14.51
1800	3/4	5.11	19.62
2300	1/2	4.35	23.97
3290	3/4	12.97	36.94
4255	3/4	12.64	49.58
4647	1/2	3.41	52.99
4836	3/4	2.48	55.47
5270	3/4	5.69	61.16
5520	1/4	1.10	62.26
6120	1/2	5.22	67.48
6646	1	9.20	76.68
7299	3/4	8.55	85.23
8110	1 3/4	24.74	109.97
8424	1 3/4	9.58	119.55
8615	1/2	1.66	121.21
8867	1 3/4	7.69	128.90
9169	2	10.54	139.44
9271	1 1/2	2.67	142.11

Total Displacement _____

Was survey run in Tubing Price Pipe Casing _____ Open Hole _____
Distance to nearest lease line 660 feet
Distance to lease lines as prescribed by field rules 660 feet

Certification of personal knowledge Inclination Data:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information given above is true and complete.

L. A. Rogers
Signature

Cactus Drilling Corporation
Company

Operator Affidavit:

(Note: Party making affidavit must strike out inapplicable phrases, and must file explanation when applicable.)

Before me, the undersigned authority, on this day, personally appeared _____, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the operator of the well identified in this instrument (that he is acting at the direction and on behalf of the operator of the well identified in this instrument), and that such well was not intentionally deviated from the vertical whatsoever. (and that such well was deviated at random for the reason described in the attached statement).

H. L. McCracken, Engineer
Signature and Title of Affiant
18th December

Subscribed and Subscribed to before me, this the _____ day of _____, 19____.

Sue Hunter, Sue Hunter
Notary Public in and for _____
County, Texas

Field Name Inbè Termò Penn County Lea, New Mexico ~~XXXXXXX~~ Dist. No.
Operator Paul DeCleva Address 122 011 Center City Wichita Falls
Texas
Lease Name & No. Shell State Well No. 1 Survey 17-11-34

RECORD OF INCLINATION

Page 2

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Total Displacement 153.30

Was survey run in Tubing Drill Pipe Casing Open Hole
Distance to nearest lease line 660 feet
Distance to lease lines as prescribed by field rules 660 feet

Certification of personal knowledge Inclination Data:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information given above is true and complete.

L. A. Rogers
Signature

CACTUS DRILLING CORPORATION
Company

Operator Affidavit:

(Note: Party making affidavit must strike out inapplicable phrases, and must file explanatory statement when applicable.)

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Engineer

Signature and Title of Applicant
H. H. McLaughlin, Engineer
Tach December

Sworn and Subscribed to before me, this the _____ day of _____, 19____.

Sue Hunter
Notary Public in and for _____
County, Texas