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TELEDRIIFT

P.O.Box 94395 * Oklahoma City, OK 73143-4395 Ph : 405-631-4882

ISSUING AGENCY	CERTIFICATION NUMBER
Teledrift Co.	N/A

State of New Mexico,

I, Tilden Dial, state that the fact set forth in this report are true and correct to the best of my knowledge and belief. This survey was conducted at the request of Murchison, for the Jackson Unit 029H well in Lea. I have reviewed this report and find that it conforms to the principles and procedures as set forth by TELEDRIIFT.

NAME: Tilden Dial	TITLE: Region Manager Permian Basin
SIGNATURE: 	

NAME:	TITLE:
SIGNATURE:	

NAME:	TITLE:
SIGNATURE:	

DEC 14 2015

jm



TELEDRIIFT
P.O.Box 94395
Oklahoma City, OK 73143-4395
Ph : 405-631-4882

Survey FileName : 136Cactus-21JUL15.psd

Tool Type : PROSHOT-X

Job ID : 136Cactus

Well Name : Jackson Unit 029H

Company : Murchison

Contractor : Cactus 136

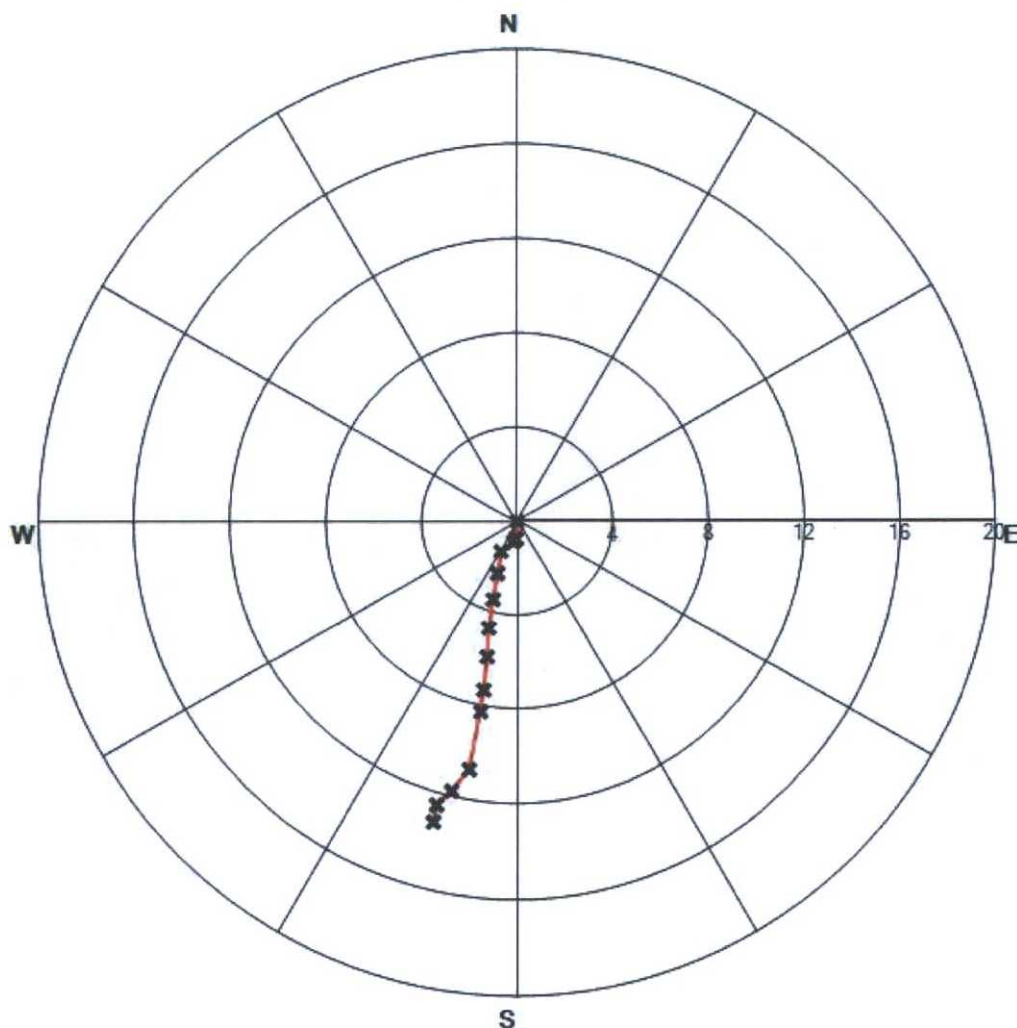
API Number : 30-025-41767

Location : Lea

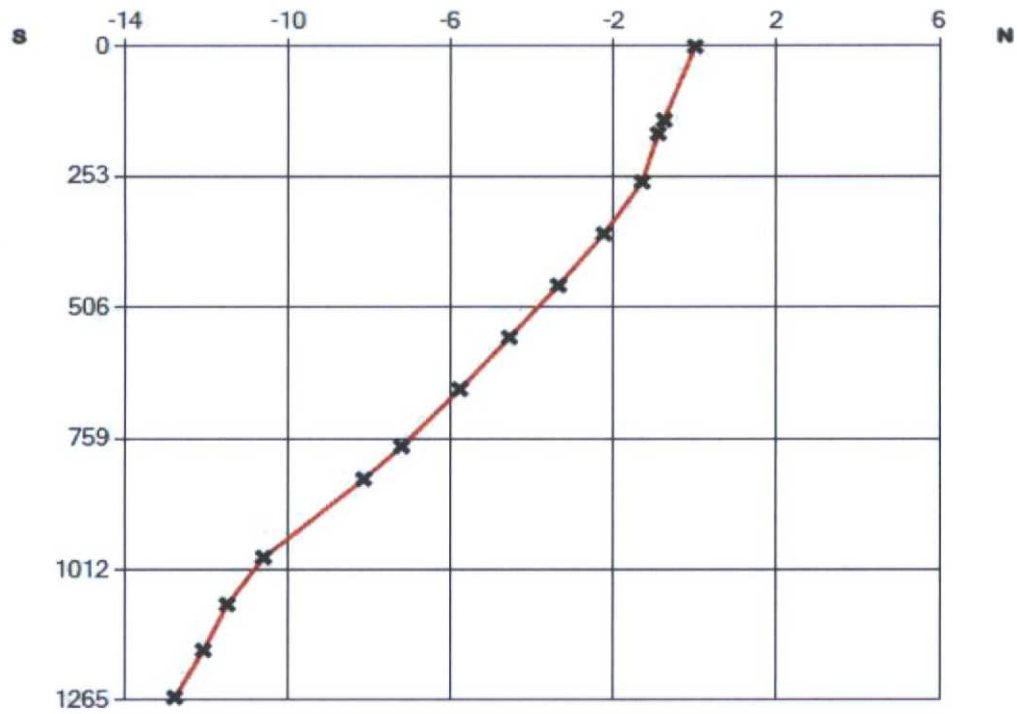
Start Date : 21 JUL 15

North Correction : 7.19

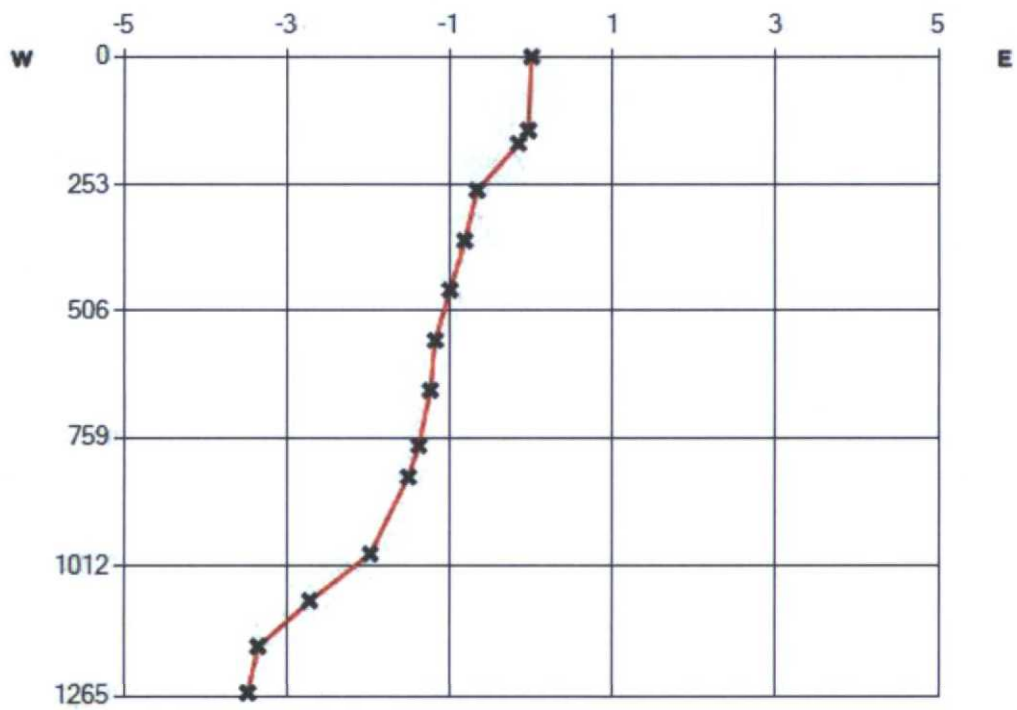
TVD CROSS SECTION LOOKING DOWN



TVD CROSS SECTION LOOKING WEST



TVD CROSS SECTION LOOKING NORTH



RECORD OF TVD SURVEY
Calculated by Minimum Curvature Method

MEAS. DEPTH	TOOL OFFSET	SURVEY DEPTH	DRIFT ANGLE	AZIMUTH	T.V.D.	N-S Drift	E-W Drift
0	0	0	0	0	0	0	0
145	45	100	0.6	183.19	145	-0.76	-0.04
171	45	126	0.5	269.19	171	-0.9	-0.16
264	45	219	0.5	195.19	264	-1.3	-0.67
364	45	319	0.6	184.19	364	-2.24	-0.82
464	45	419	0.7	193.19	463.99	-3.36	-1
564	45	519	0.7	184.19	563.98	-4.56	-1.18
664	45	619	0.7	181.19	663.97	-5.78	-1.24
774	45	729	0.8	189.19	773.96	-7.21	-1.38
837	45	792	0.9	187.19	836.95	-8.14	-1.51
988	45	943	1	194.19	987.93	-10.59	-1.98
1079	45	1034	0.7	257.19	1078.92	-11.48	-2.72
1168	45	1123	0.6	192.19	1167.92	-12.06	-3.35
1259	45	1214	0.3	186.19	1258.92	-12.76	-3.48

Notes :

Depth is in feet

All azimuths are referenced to TRUE NORTH and corrected with the north correction above