

Saman Sharifaie

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

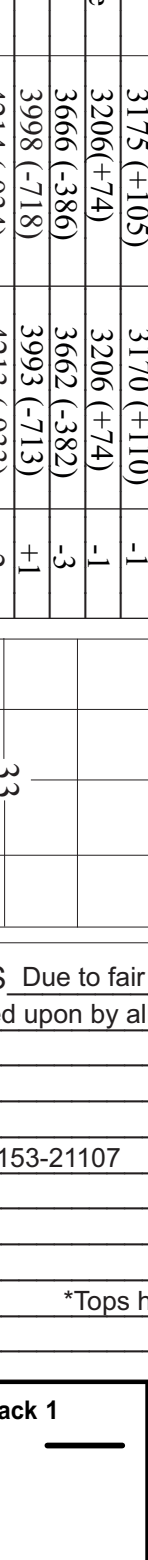
COMPANY: Martin Drilling Co., Inc.
LEASE: Cheryl #1-33
FIELD: Wildcat
LOCATION: 900 FSL & 1650 FEL
SEC: 33 TWP: 1S RGE: 36W
COUNTY: Randolph STATE: Kansas
CONTRACTOR: Martin Drilling #2
RUD: 02/11/15 COMP: 02/19/15
RTD UP: 4950' TYPE MUD: Chemical
MUD: 3.252' LIME MUD: 4952'

SAMPLES SAVED FROM: 3600' TO RTD
DRILLING TIME KEPT FROM: 3601' TO RTD
SAMPLES EXAMINED FROM: 3600' TO RTD
GEOLOGICAL SUPERVISION FROM: 3600'
GEOLOGICAL WELL: MDC1-Wilkinson "A" #1-34
REFERENCE WELL: Foraker 3775

ELEVATIONS
KB 3280'
DF _____
GL 3269'
Measurments Are All From Kelly Bushing
CASING
CONDUCTOR _____
SURFACE: 8-5/8" at 240'
PRODUCTION: 5-1/2" at 4943'

ELECTRICAL SURVEYS
CND: DJL, MEL, Samir
Fiber Optic Cable _____

Formation	Sample Tops	E-log Tops	Strat Pos.
Anhydrite	3206 (+74)	3170 (+110)	-1
Base Anhydrite	3206 (+74)	3170 (+110)	-1
Neva	3666 (-386)	3693 (-382)	-3
Neve	3693 (-382)	3693 (-382)	-3
LeCompton	3993 (-718)	3993 (-718)	-1
LeCompton	4214 (-934)	4213 (-933)	-2
LeCompton	4479 (-1199)	4478 (-1198)	-1
BKC	4604 (-1324)	4600 (-1320)	-1
Cherokee	4682 (-1402)	4680 (-1400)	-2
Mississippian	4878 (-1598)	4891 (-1611)	-12



REMARKS Due to fair shows of oil in the Lansing "D" & "J" pay zones and positive DST results, it is recommended and agreed upon by all parties that production casing be set to further evaluate this well.

Respectfully Submitted,

API #15-153-21107

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*Tops have been adjusted to electric logs

