

# Saman Sharifaie

## Petroleum Geologist

### GEOLOGIST'S REPORT

#### DRILLING TIME AND SAMPLE LOG

COMPANY **Martin Drilling Co., Inc.**  
LEASE **Brown Eagle Unit #1-6**

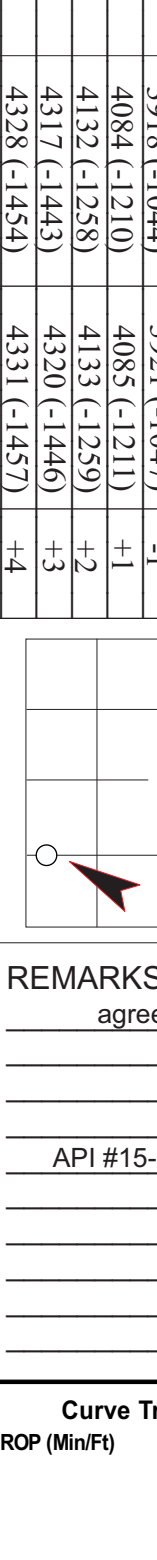
FIELD **Elna East**  
LOCATION **405 F.S. & 1320 FEL**  
SEC **6** TWP **S5** RGE **30W**  
COUNTY **Decatur** STATE **Kansas**  
CONTRACTOR **Martin Drilling #7**  
RTD **09/29/14** COMP **10/08/14**  
SPUD **4430'** LTD **4433'**  
MUD UP **3.223'** TYPE MUD **Chemical**

SAMPLES SAVED FROM **3600'** TO RTD  
DRILLING TIME KEPT FROM **3600'** TO RTD  
SAMPLES EXAMINED FROM **3600'** TO RTD  
GEOLOGICAL SUPERVISION FROM **3300'**

REFERENCE WELL **MDCI - Luennemann #1-7**  
CND: DIL: MEL: SWIC

FORMATION **MDCI - Luennemann #1-7**

Formation	Sample Tops	E-log Tops	Strat Pos.
Anhydrite	2630 (+244)	2607 (+267)	-6
Base Anhydrite	2650 (+224)	2743 (+211)	-36
Trubank	3703 (+820)	3701 (+827)	-2
Hedberg	3872 (+998)	3871 (+997)	-4
Leising	3918 (+1044)	3921 (+1047)	-1
Stark	4084 (+1210)	4055 (+1211)	-1
BKAC	4152 (+1258)	4153 (+1259)	-2
Ft Scott	4317 (+1443)	4320 (+1446)	+3
Cherokee	4328 (+1454)	4331 (+1457)	+4



ELEVATIONS  
KB 2874'

MEASUREMENTS ARE ALL FROM KELLY BUSHING

CASING  
CONDUCTOR SURFACE 8-5/8" at 223'

PRODUCTION 5-1/2" at 429'

ELECTRICAL SURVEYS  
CND: DIL: MEL: SWIC

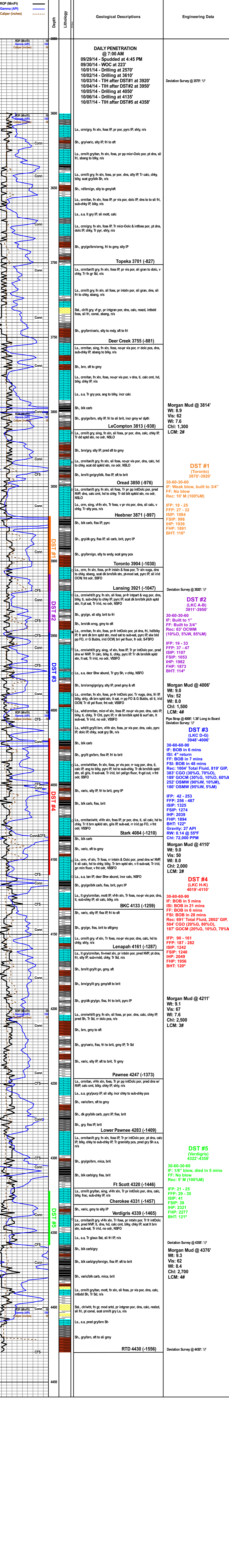
FORMATION **MDCI - Luennemann #1-7**

REMARKS Due to fair shows of oil in multiple 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,  
Saman Sharifaie  
Petroleum Geologist

API #15-039-21213

\*Tops have been adjusted to electric logs



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