

Saman Sharifaie Petroleum Geologist

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY: **Martin Drilling Co., Inc.**
LEASE: **Cambria #1-22**

FIELD: **Wildcat**
LOCATION: **2110 F.N. & 18th S.W.L.**
SEC: **22 TWSP 2S RGE 31W**
COUNTY: **Cheyenne STATE Kansas**

CONTRACTOR: **Martin Drilling #3**
RTPD: **09/14/18 COMP 09/25/18**
MUD UP: **3000' TYPE MUD Chemical**

SAMPLES SAVED FROM: **4010' TO RTD**
DRILLING TIME KEPT FROM: **4000' TO RTD**
SAMPLES EXAMINED FROM: **4010' TO RTD**

GEOLOGICAL SUPERVISION FROM: **3710'**
CND: **D.L.E., M.E., S.M.**
REFERENCE WELL: **MDC1 - Banister "A" #1-22**

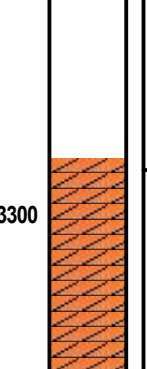
ELEVATIONS
KB 3415'

DF
GL 3410'
Measurements Are All From Kelly Bushing

CASING
CONDUCTOR 8-5/8" at 387'
SURFACE 5-1/2" at 494'

ELECTRICAL
DIAGRAMS
CND: **D.L.E., M.E., S.M.**

Formation	Sample Tops	E-log Tops	Strat Pos.
Anhydrite	3295 (+120)	3295 (+120)	-2
Base Anhydrite	3325 (+90)	3326 (+90)	-1
Topkapi	4112 (-697)	4118 (-703)	-6
Oread	4251 (-838)	4258 (-843)	-4
Stark	4326 (-913)	4332 (-917)	-4
Start	4356 (-1141)	4360 (-1145)	-5
Mound City	4608 (-1195)	4611 (-1196)	-5
Flint	4732 (-1317)	4741 (-1326)	-9
Orkney	4804 (-1389)	4816 (-1401)	-9



REMARKS

Due to fair to good shows of oil in multiple potential 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 #15-023-21495

Saman Sharifaie
Petroleum Geologist

*Tops have been adjusted to electric logs

