

GEOLOGICAL REPORT

Larry A. Nicholson

NAD 83
39.47691644
-100.4643563

COMPANY **Suemaur Exploration & Production, LLC**
API # **15-179-21431** FIELD: **Wellcat**
LEASE **Schamberger #1-5**
LOCATION **NW NW SE NE**
SURVEY **1417 FNL 1051 FEL**
SECTION **5** TWP **7S** RGE **28W**
COUNTY **Sheridan** STATE **Kansas**

CONTRACTOR **Murfin Drilling Company, Inc. Reg # 7**
SPUD **1:30 pm 10-19-16** COMP. **RTD**
RTD **4:50 am 10-24-16** LTD **4501**
MUD UP AT **3286**
MUD TYPE **Chemical Morgan Mud, Dave Lines**

ELEVATIONS

K.B. **2771**
D.F. _____
G.L. **2766**
All measurements from _____

CASING RECORD

Surface _____ of _____ wf _____ sk _____
Conductor **290** of **8.5/8 24W** wf **275** sk _____
Production _____ of _____ wf _____ sk _____

ELECTRICAL SURVEYS Weatherford, Den Neu, Dual, Micro, Hi-Res

FORMATION	SAMPLE TOPS	SURSEA DATUM	ELEC LOG TOPS	SURSEA DATUM	REFERENCE WELL
Anhydrite	2481	+290	2484	+287	2495 +277 -1.0
Heater	3397	+1116	3395	+1114	3399 -1127 +1.3
LANS A	3392	-1157	3328	-1167	3312 -1096 -18
LANS C	3359	-1188	3360	-1189	3368 -1197 -20
LANS Lgr G	4015	-1244	4010	-1239	4024 -1252 +1.3
LANS J	4091	-1320	4092	-1321	4099 -1327 +6
Stark Sh	4102	-1331	4099	-1328	4106 -1334 +6
LANS K	4114	-1343	4114	-1343	4122 -1350 +7
BKC	4150	-1379	4148	-1377	4154 -1382 +5
Cherokee Ls	4463	-1675	4350	-1576	4352 -1580 +4
RTD	4500	-1729	4500	-1729	4510 -1738
LTD			4501	-1730	4511 -1739

REFERENCE WELLS
A: Suemaur Exp. & Prod. LLC Camball #1 Sec 3 T7S R28W 1.448 FSL 546 FWL KB 2772
B: Suemaur Exp. & Prod. LLC Oelke #1 Sec 18 T7S R28W 692 FNL 1503 FEL KB 2811

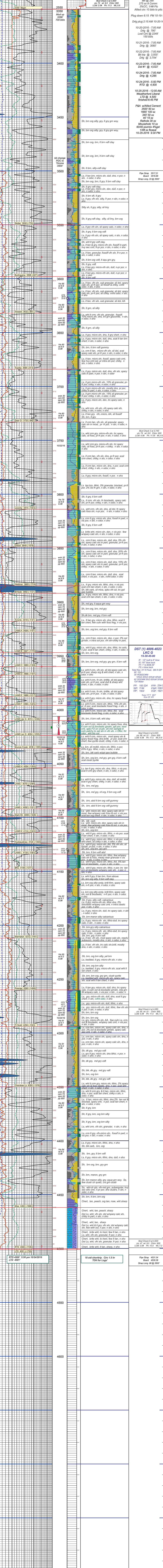
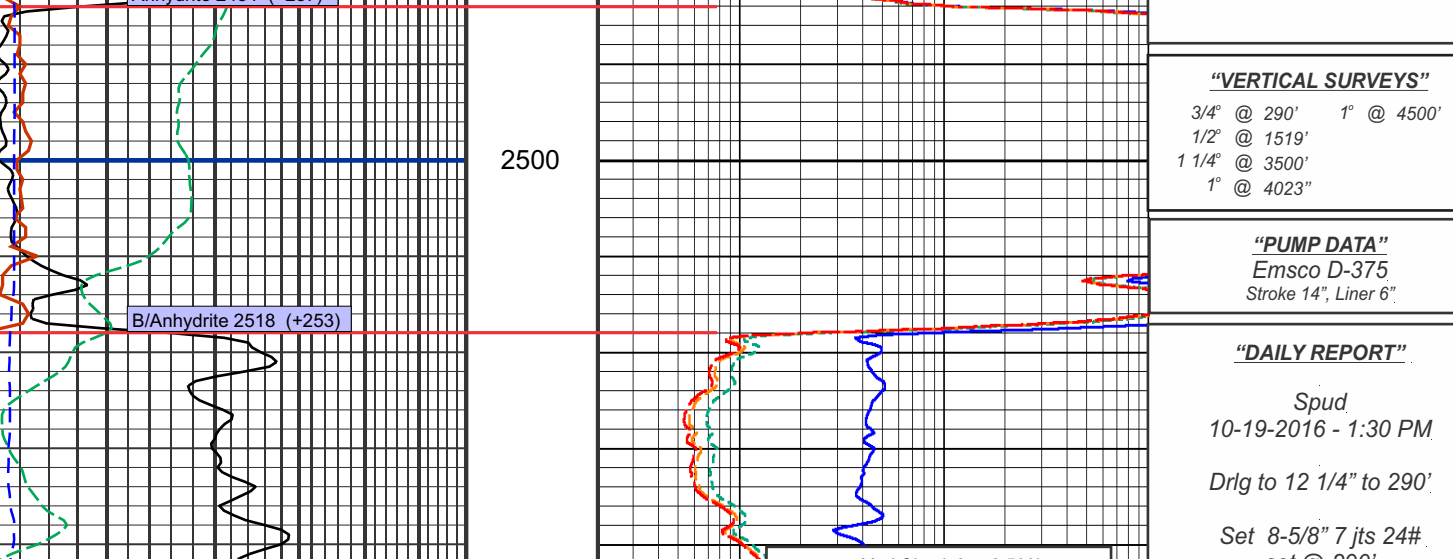
REMARKS & RECOMMENDATIONS:

Based on sample shows, and dist results the well was P&A

*Note rop, samples and log curves are on depth

LAN 762, Modified 5/05, 11/11, 4/12 Hanover, KS 66845

LEGEND



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