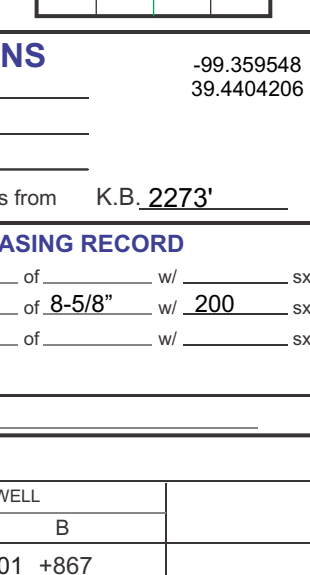


GEOLOGICAL REPORT

Larry A. Nicholson

COMPANY Colbalt Energy, LLC API # 15-135-25629 LEASE VonLehe # "A" #1-27 LOCATION SW NW SE NE SECTION 27 TWP. 18S RGE 24W COUNTY Ness STATE Kansas CONTRACTOR Southwind Drilling, Inc. Rig # 20 SPUD 07-05-13 8:45 am RTD 4400 8:30 am 07-13-13 LTD. 4404 MUD TYPE Chemical MudCo SAMPLES SAVED FROM 3300' TO RTD DRILLING TIME FROM 3300' TO RTD SAMPLES EXAMINED FROM 3300' TO RTD GEOLOGICAL SUPERVISION FROM 3300' TO RTD WELL SITE GEOLOGIST LARRY A. NICHOLSON	ELEVATIONS K.B. 2273' D.F. _____ G.L. 2261' All measurements from K.B. 2273' CASING WELL Conductor _____ of _____ ft Surface 267' of 8-5/8" ID _____ ft Production _____ of _____ ft
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FORMATION TOPS & STRUCTURAL POSITION

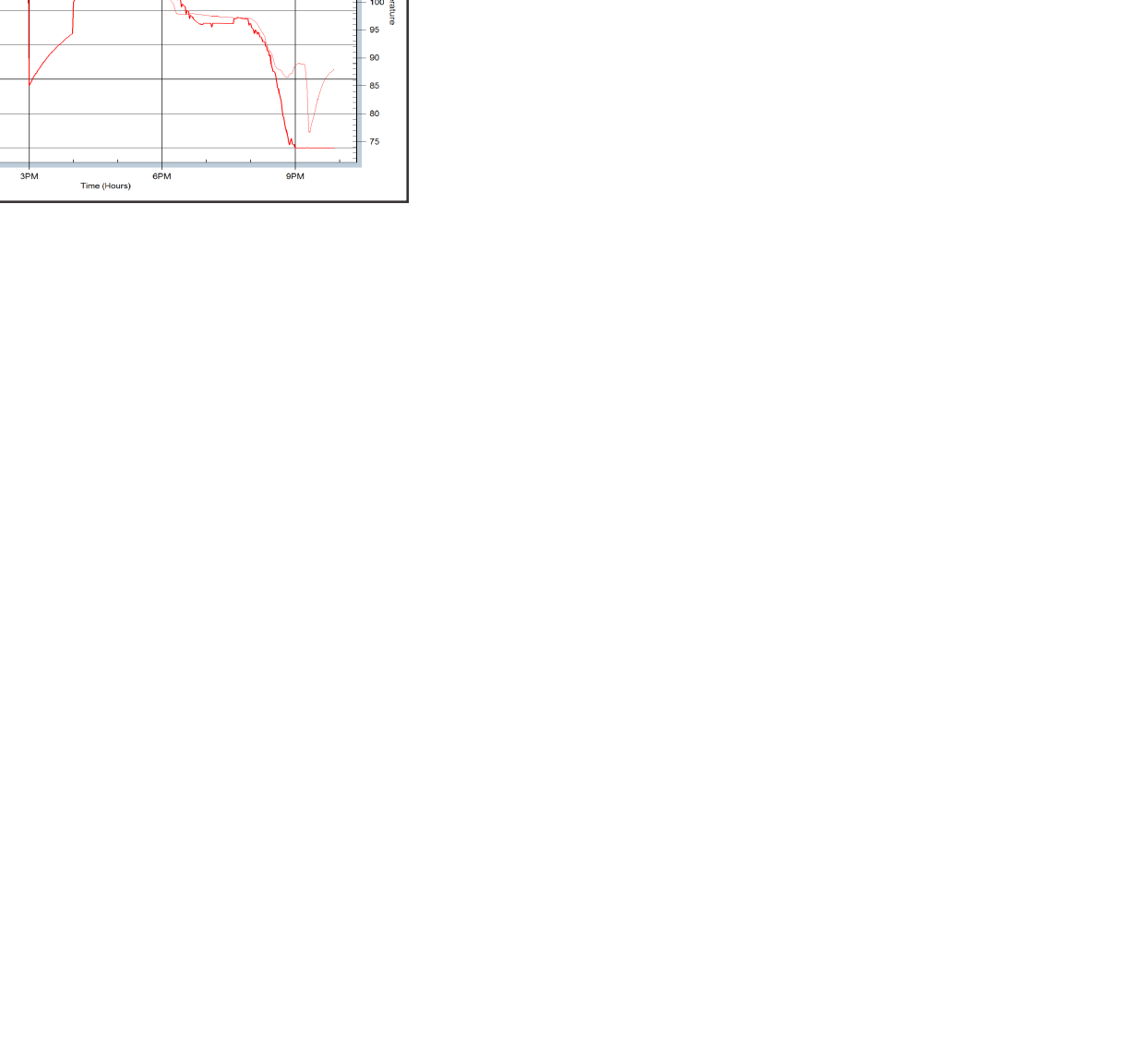
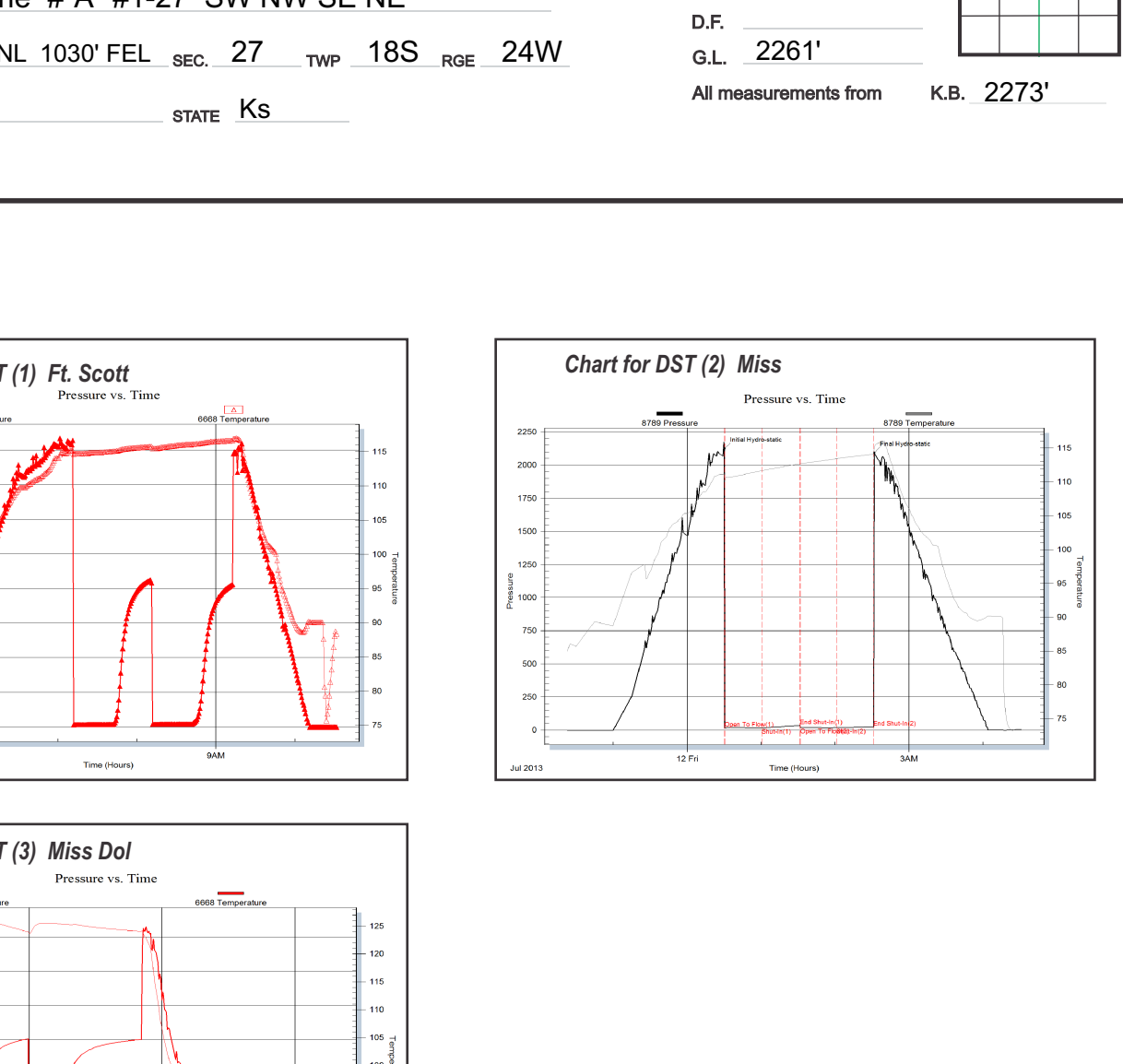
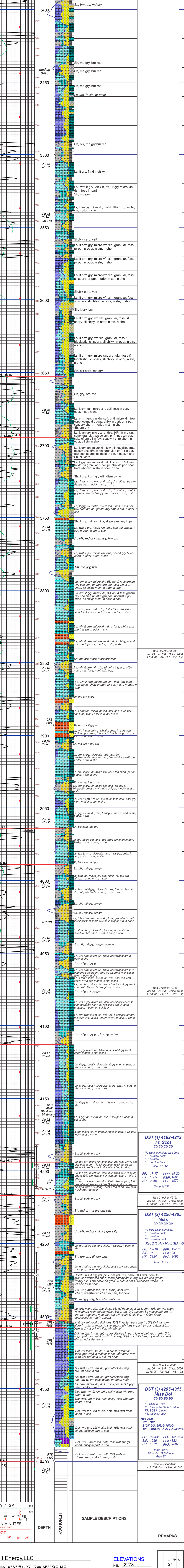
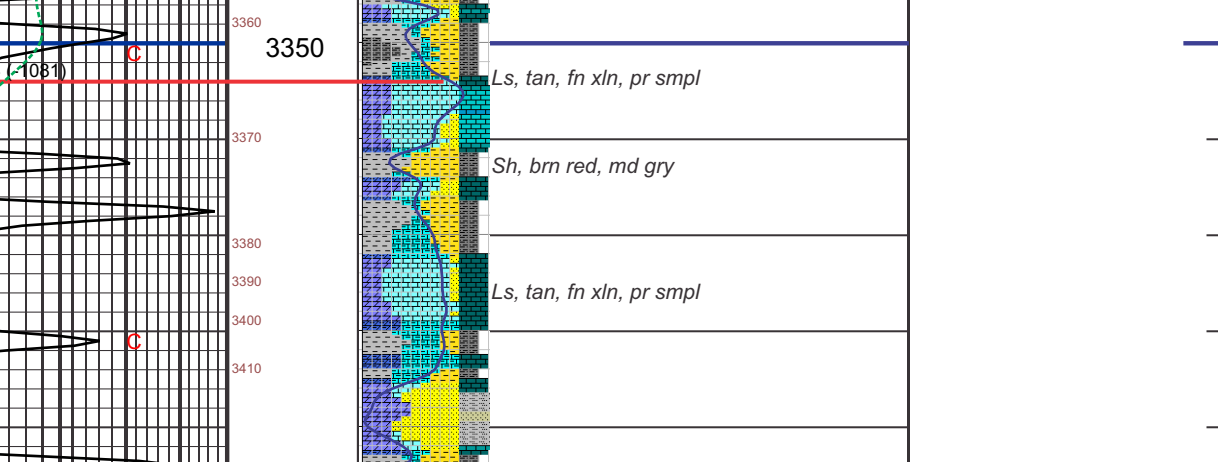
FORMATION	SAMPLE TOPS	ELEG. DATUM	SURSEA TOPS	DATE	REFERENCE WELL
Anydrile	1537	+736	1537	+736	1395 - 2694
Base	1573	+700	1573	+700	1430 - 850
Topoka	3354	-1081	3354	-1081	3366 - 1075
Heebner	3653	-1380	3653	-1380	3664 - 1375
Lansing	3695	-1422	3695	-1422	3710 - 1421
BKC	3989	-1716	3989	-1716	4001 - 1712
Pawnee	4113	-1840	4113	-1840	4125 - 1836
Fort Scott	4194	-1944	4194	-1944	4201 - 2039
Cherokee	4217	-1936	4217	-1944	4226 - 1937
Miss Dol	4303	-2030	4303	-2030	4298 - 2009
Miss Dol	4308	-2035	4308	-2035	
RTD	4400	-2127	4400	-2127	
LTD	4404	-2131	4404	-2131	

A. COBALT ENERGY, Miner Unit 'A' #1-27, 2428' FSL & 1756' FEL, Sec. 27-18S-24W, KB 2289
 B. Thunderbird Drilling, Stoppel #1 NW NE, Sec. 27-18S-24W, KB 2268

REMARKS AND RECOMMENDATIONS:
 Based on positive Dst results and sample review 5 1/2 casing was set.

LAN 792, Modified 5/05, 11/11, 4/12 Hanover, KS 66645 1inch = 25.4mm 8.5 x 97.5 216 mm x 2460 mm

LEGEND



COMPANY Colbalt Energy, LLC ELEVATIONS K.B. 2273'
 LEASE VonLehe # "A" #1-27 SW NW SE NE D.F. _____
 LOCATION 1885' FNL 1030' FEL SEC. 27 TWP. 18S RGE 24W G.L. 2261'
 COUNTY Ness STATE Ks All measurements from K.B. 2273'

Chart for DST (1) Ft. Scott Pressure vs. Time
 Chart for DST (2) Miss Pressure vs. Time
 Chart for DST (3) Miss Dol Pressure vs. Time