

WELL: **Resth-Robben #1-21**

FIELD: **Locust**

LOCATION: **Bliss Rd + 84th St**

SEC: **21** TWP: **14S** RGE: **17W**

COUNTY: **Rush**

STATE: **Kansas**

OPERATOR: **DNACT**

CONTRACTOR: **Downing Drilling, Inc #1**

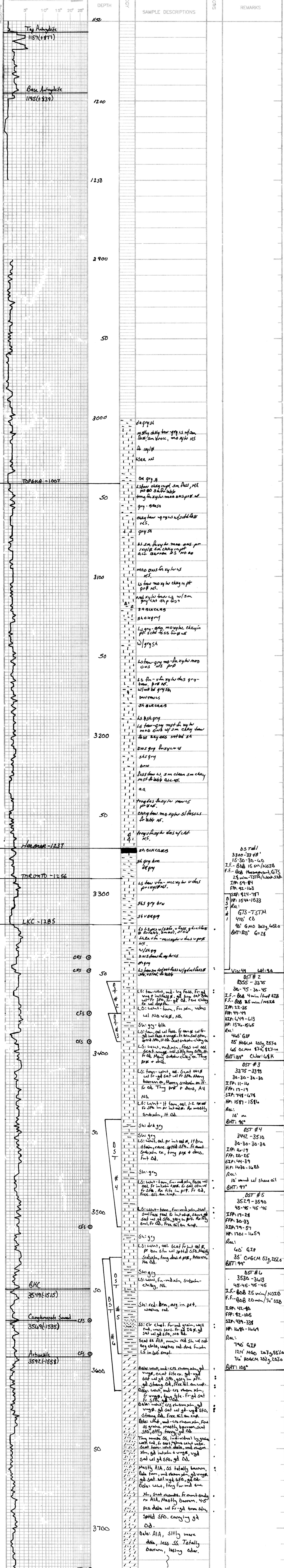
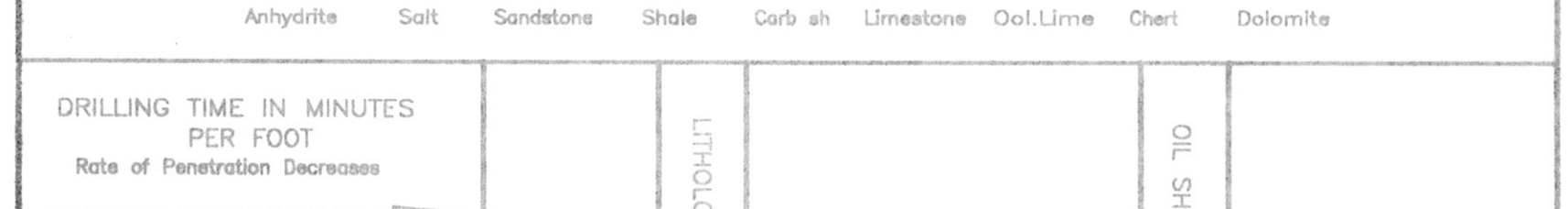
COMP: **1-22-13**

CASING RECORD:
 SURF: **59' @ 1124** PHO: **5 1/2" @ 375'**
 TOTAL DEPTH DRILLERS: **3727'**

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUR-SEA DATA	STRUCTURAL POSITION
Top Anhydrite	1187	1187	+835	-1
Base Anhydrite	1195	1195	+839	-1
Tapeka	3011	3010	-1054	-6
Hedden	3271	3270	-1234	-6
Torensa	3319	3319	-1285	-6
LKC	3550	3550	-1514	-4
Achuckle	3592	3591	-1558	-21

REFERENCE WELL FOR STRUCTURE: **Almwood & Jones & Williams**
 Sec. 21-14S-17W



RTD: 3726(1692)
 LTD: 3727(1693)

OIL SHOWS

REMARKS

DST #1
 3300-3348'
 15-30-30-60
 I.F.- 008 15 sec/NSTB
 F.F.- 008 25 min/1652A
 2 1/2 min-TSTM/Lowak STD
 I.F.P: 89-94
 F.P: 92-163
 HP: 924-787
 Rec: 1648-1533

DST #2
 3300-3348'
 30-45-30-45
 I.F.- 008 4 min/1652A
 F.F.- 008 25 min/1652A
 I.F.P: 44-49
 F.P: 42-163
 HP: 1576-1545
 Rec: 465 GIP
 25' HOGCM 20% 2570
 60' OCMM 8 1/2", 827-12
 BHT: 185° Chlor: 68K

DST #3
 3375-3395
 30-30-30-30
 I.F.P: 11-14
 F.F.P: 17-19
 S.F.P: 748-678
 HP: 1597-1586
 Rec: 10' m
 BHT: 96°

DST #4
 3442-3510
 30-30-30-30
 I.F.P: 10-19
 F.F.P: 20-25
 S.F.P: 44-39
 HP: 1490-1420
 Rec: 10' mound w/ shale oil
 BHT: 97°

DST #5
 3529-3590
 45-45-45-45
 I.F.P: 17-24
 F.F.P: 30-33
 S.F.P: 79-57
 HP: 1701-1659
 Rec: 60' GIP
 35' O.G.C.M 5%, 2620
 BHT: 99°

DST #6
 3530-3613
 45-45-45-45
 I.F.- 008 25 min/1652B
 F.F.- 008 20 min/1/4" STB
 I.F.P: 42-40
 F.F.P: 42-105
 S.F.P: 439-338
 HP: 1690-1649
 Rec: 790 GIP
 12 1/2' HOGCM 20%, 2570
 BHT: 103°

Marc Downing