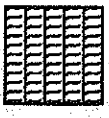
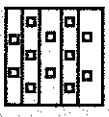

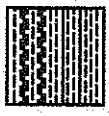
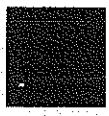

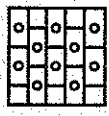
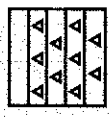
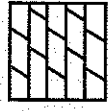
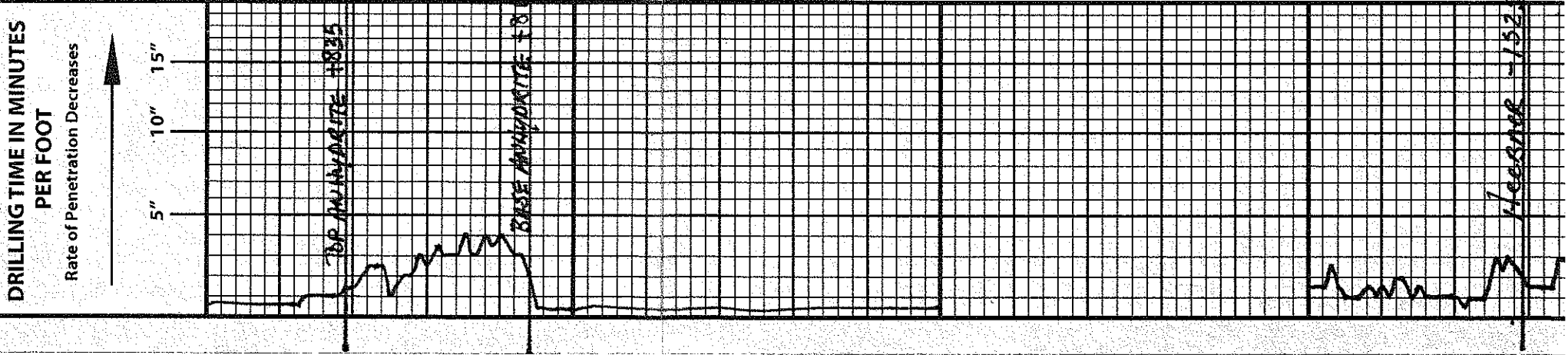




# LEGEND

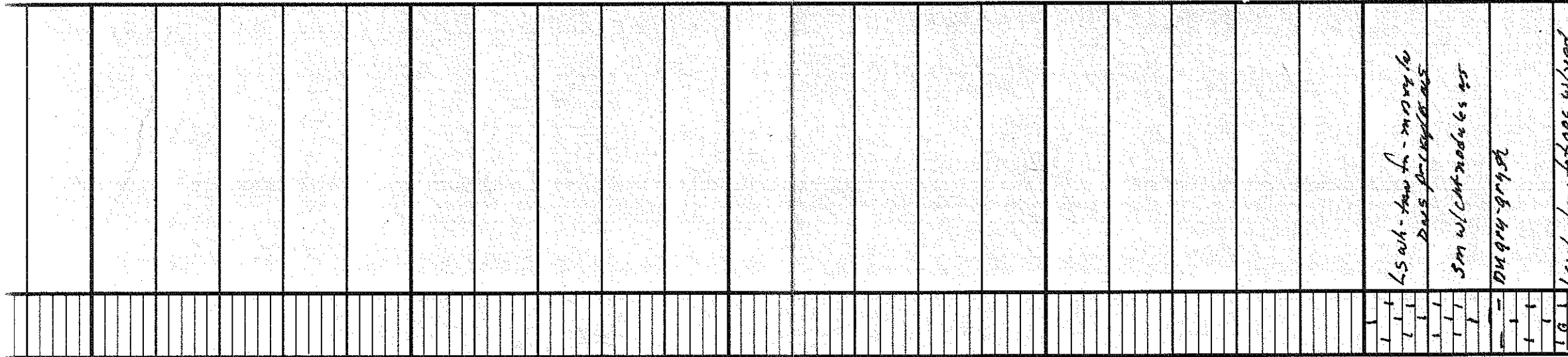
-  Anhydrite
-  Salt
-  Sandstone
-  Shale
-  Carb sh
-  Limestone
-  Ool.Lime
-  Chert
-  Dolomite

DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases	DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
	<p>5" 10" 15"</p> <p>1300</p> <p>50</p> <p>1400</p> <p>3650</p>	<p style="text-align: center;">LITHOLOGY</p>	<p style="text-align: center;">SAMPLE DESCRIPTIONS</p>	<p style="text-align: center;">OIL SHOWS</p>	<p style="text-align: center;">REMARKS</p>

TOP ANHYDRITE 11825

BASE ANHYDRITE 1800

11825



LS wh - low fr - m...  
D...  
SM w/...  
DH 914-9198  
1... low... to... w/road

3700

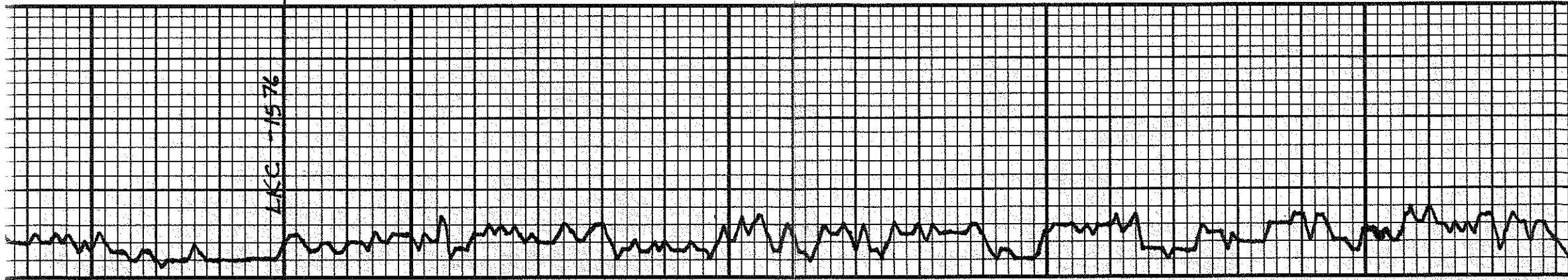
50

3800

50

3900

LKC - 1576





1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

4200

FT. SCOTT - 2077

CHESTER STAIR - 2094

50

4300

MISSISSIPPI - 1408

CF5 ①

CF5 ②

CF5 ③

50

4400

Shs buccans v ongy  
gry sh

sm brn. gry  
shs ag

LS tan gry sh v. shaly  
ons pt. 1/4" to 1/8" NS

Sh buccans v dr gry

LS gry - tan med. sect. tab  
prxy 1/8" NS w/gray

LS med. tan - med. v. shaly  
v on's no app' w.  
ag

Sh buccans  
v on gry

LS tan ons prxy 1/8" NS  
w/ purplish glauc. & cry ss clots  
gry & red sh

LS tan w/ med. ss clots  
dirty glauc. NS.

abundant sh. rel. brn. gry. bucc  
ag sh

w/ons tan v. fine micrylous sp  
1/4" to 1/2" prxy 1/8" NS

clms. tw. argte clots NE  
w/ shs no brn gry

CF5 wh. tan v. shaly  
w/ med. glauc. & cry ss clots  
prxy 1/8" NS

LS tan v. shaly  
w/ med. glauc. & cry ss clots  
prxy 1/8" NS

LS tan v. shaly  
w/ med. glauc. & cry ss clots  
prxy 1/8" NS

LS tan v. shaly  
w/ med. glauc. & cry ss clots  
prxy 1/8" NS

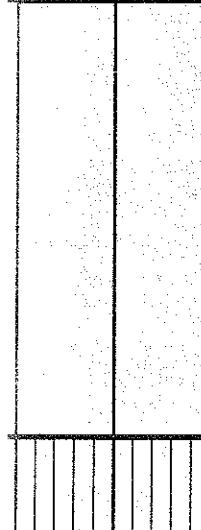
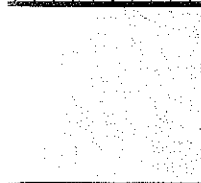
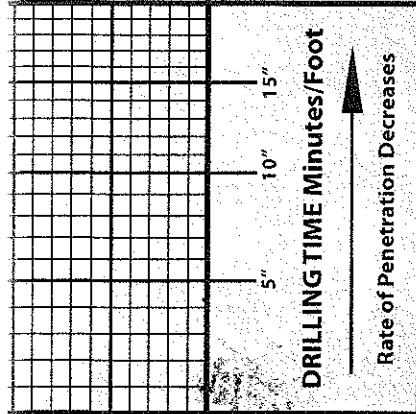
LS tan v. shaly  
w/ med. glauc. & cry ss clots  
prxy 1/8" NS

LS tan v. shaly  
w/ med. glauc. & cry ss clots  
prxy 1/8" NS

LS tan v. shaly  
w/ med. glauc. & cry ss clots  
prxy 1/8" NS

DST #1  
4274-4329'  
45°-45°-45°-45°  
1st op 808 34"  
2nd op 808 38 1/2"  
no SI Blows  
IFP 18-116  
FFP 117-193  
SIP 1355-1354  
HP 2138-1996  
REC: 15' vso cm (2900L)  
372' MW





REMARKS	OIL SHOWS	SAMPLE DESCRIPTIONS	LITHOLOGY	DEPTH
---------	-----------	---------------------	-----------	-------

CONTRACTOR DISCOVERY DRILLING Rig #4  
 LEASE Sundance-Staff Unit #1-5 IP D3A  
 ELEVATION 2194' KD RTD 4329'  
 LOCATION 33S E 21S 20' R66  
 SEC 5 TWP 21S RNG 20W  
 COUNTY Polk STATE KANSAS