

KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-884-9709 * WICHITA, KS

GEOLOGIST'S REPORT

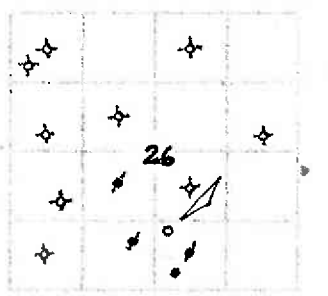
DRILLING TIME AND SAMPLE LOG

COMPANY L. D. DRILLING, INC.
 LEASE * 2-26 CRAIG MYERS
 FIELD MINER
 LOCATION 1220' FSL ± 2310' FEL
 SEC 26 TWP 17s RGE 24w
 COUNTY NESS STATE KANSAS
 CONTRACTOR L. D. DRILLING, INC.
 SPUD 8-1-16 COMP 8-10-16
 RTD 4600 LTD 4600
 MUD UP 3408 TYPE MUD CHEMICAL

ELEVATIONS
 KB 2461
 DF _____
 GL 2456
 Measurements Are All
 From 2461 KB
 CASING
 SURFACE 8 5/8" @ 325'
 PRODUCTION 5 1/2" @
 ELECTRICAL SURVEYS
 DUAL IND., DENS-N., MICRO

SAMPLES SAVED FROM 3800 TO 4600
 DRILLING TIME KEPT FROM 3500 TO 4600
 SAMPLES EXAMINED FROM 3800 TO 4600
 GEOLOGICAL SUPERVISION FROM 3900 TO 4600
 GEOLOGIST ON WELL KIM B. SHOEMAKER

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE	1766 + 695	1766 + 695
B/ANK.	1798 + 663	1800 + 661
HEEBNER	3842 - 1381	3844 - 1383
LANSING	3883 - 1422	3884 - 1423
B/KC	4174 - 1713	4171 - 1710
PAWNEE	4292 - 1831	4295 - 1834
FORT SCOT	4382 - 1921	4384 - 1923
CHEROKEE	4406 - 1945	4408 - 1947
MISSISSIPPI Dol.	4468 - 2007	4470 - 2009



API: 15-135-25918

REMARKS
 8-1-16 SPUD
 8-2 @ 329'
 8-3 @ 1660'
 8-4 @ 2540'
 8-5 @ 3275'
 8-6 @ 3760'
 8-7 @ 4238'
 8-8 @ 4428'
 8-9 @ 4477'
 8-10 @ 4577'

LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Core sh.
- Limestone
- Oolite
- Chert
- Dolomite

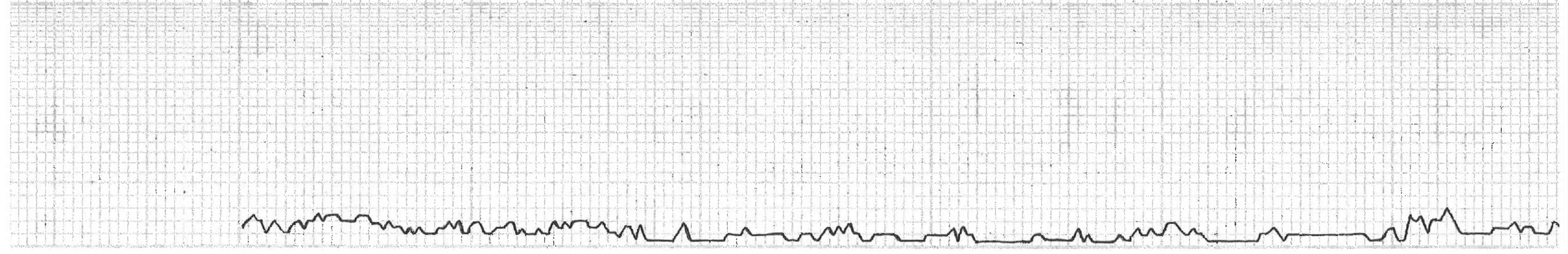
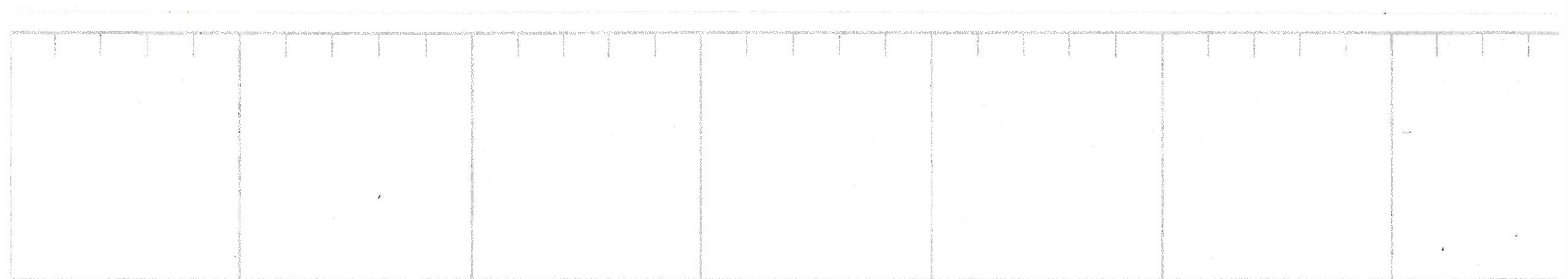


DEPTH
 1750
 1800
 1850

ANHYDRITE 1766 + 695
 B/ANK 1800 + 661

REMARKS

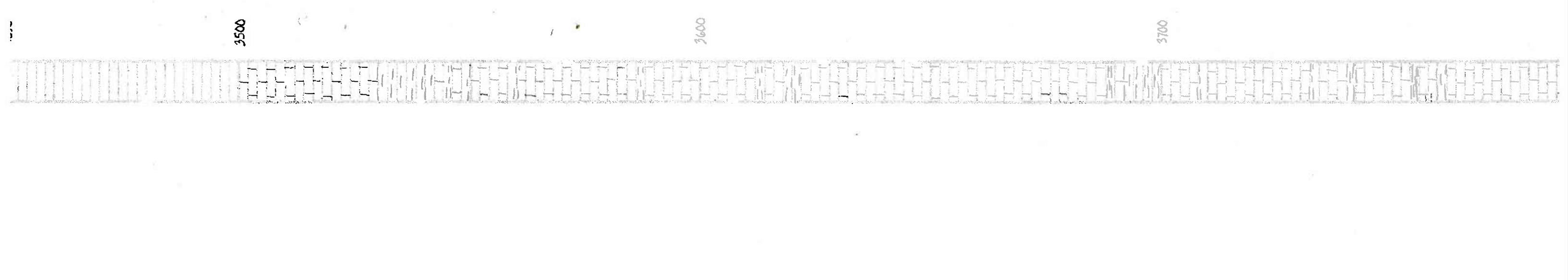
LITHOLOGY



3500

3600

3700



Samples are tagged

3800

16. wt. clay, fossil. Sil. Chalky

15. Tan fossil. Silentic

HEEBNER 3894-1385

Sh. Blue-G.

Sh. Lt Blue-G.

45. Tan wt. V.S.I. Foss. Sil.A

Wt: 55

Wt: 89

Wt: 8.8

ONE 5000

Sh. Blue-G-R

LANSING 3894-1423

45. Tan wt. Sil. Foss. V.S.I.A

3900

45. wt. Sil. Foss. Sil. Chalky

Sh. Red

45. wt. Clay. Foss. Sil. Foss. Sil. Chalky

A. DE G.

45. wt. wt. Sil. Chalky

45. Lt. Clay V.S.I.A

Sh. G.

45. wt. Sil. wt. Sil.A

Sh. G.

45. M. Sh. Chalky

45. wt. Chalky

4000

45. Tan wt. wt. wt. V.S.I. Silentic

45. wt. Chalky

45. Clay V.S.I. Chalky

Sh. Lt. G.

45. Tan wt. Micro. wt. Sil.A

Sh. G.

45. Tan V.S.I. Foss. V.S.I.A

Sh. G.

Sh. G.

45. wt. Chalky

Sh. G.

45. Clay V.S.I. Foss.

4100

Sh. Gp.
 15. G. 150' Foss. Chilly
 15. 100' Foss. Chilly
 15. 100' Foss. Chilly
 15. 100' Foss. Chilly
 15. 100' Foss. Chilly

BIRC 4171-1710
 Sh. Dk G.

16. 75' VSLA

15. G. 100' Bl. sh. STONES

Sh. Ch. Bl.
 15. K. Bl. St. Foss. Si. Calcitic

Sh. Rd.
 15. 100' Foss. Si. Chilly

15. 100' Foss. Si. A

Sh. Bl.
 15. 100' Foss. Si. Foss.

Sh. DEK
PANNEE 4295-1834

15. 75' G. 150' Foss. VSL Chilly

15. 75' G. 150' Foss. VSL Chilly

15. G. 150' Foss. VSL Chilly

15. G. 150' Foss. VSL Chilly

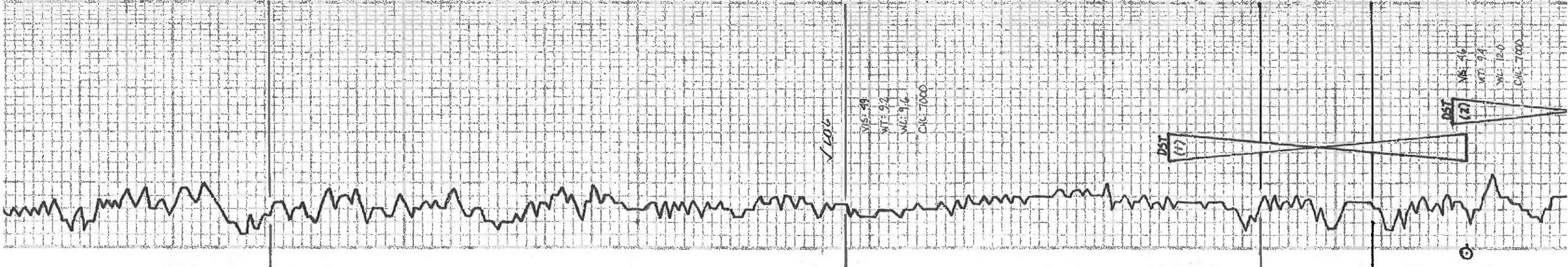
15. 100' Foss. VSL Chilly
FORT SCOT 4384-1923

15. 100' Foss. VSL Chilly
 15. 100' Foss. VSL Chilly

CHEROKEE 4408-1947
 Sh. Bl. Gp.

15. 100' Foss. VSL Chilly
 15. 100' Foss. VSL Chilly

15. 100' Foss. VSL Chilly

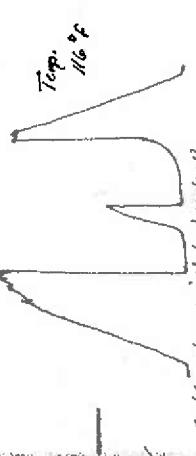


WT: 29
 WT: 22
 WT: 9.6
 CIL: 7000

WT: 16
 WT: 9.4
 WT: 12.0
 CIL: 7000

DST (12) 4364-4428
 1st OPEN: Blow out to 1"
 2nd OPEN: " " " 1/4"

30.30-30-30
 Area: 30' Mud
 RT: 12-22 21-26"
 SIP: 957-999"



Total Sample: 100 Mud w/ sands oil

