

KIM B. SHOEMAKER

CONSULTING GEOLOGIST

376-684-9709 * WICHITA, KS

GEOLOGIST'S REPORT

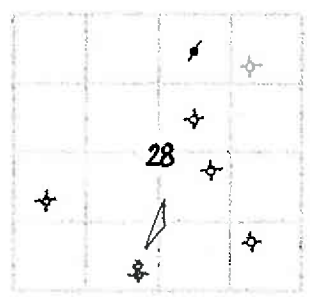
DRILLING TIME AND SAMPLE LOG

COMPANY L.D. DRILLING, INC.
 LEASE # 1-28 HABIGER
 FIELD WILDCAT
 LOCATION 330' FSL ± 2310' FWL
 SEC 28 TWP. 17s RGE 31W
 COUNTY SCOTT STATE KANSAS
 CONTRACTOR L.D. DRILLING, INC.
 SPUD 7-18-16 COMP 7-26-16
 RTO 4370 LTD
 MUD HP 3479 TYPE MUD CHEMICAL

ELEVATIONS
 KB 2941
 OF
 GL 2936
 Measurements Are All From 2941 KB
 CASING SURFACE 8 3/8" @ 356'
 PRODUCTION
 ELECTRICAL SURVEYS
NONE

SAMPLES SAVED FROM 3700 TO 4370
 DRILLING TIME KEPT FROM 3400 TO 4370
 SAMPLES EXAMINED FROM 3700 TO 4370
 GEOLOGICAL SUPERVISION FROM 3800 TO 4370
 GEOLOGIST ON WELL KIM B. SHOEMAKER

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE		2285+656
B/ANH.		2305+636
STOTLER		3513-572
HEEBNER		3894-953
LANSING		3934-993
STARK		4205-1264
HUSHPICKNEY		4246-1305
B/KC		4288-1347
MARMATON		4322-1381

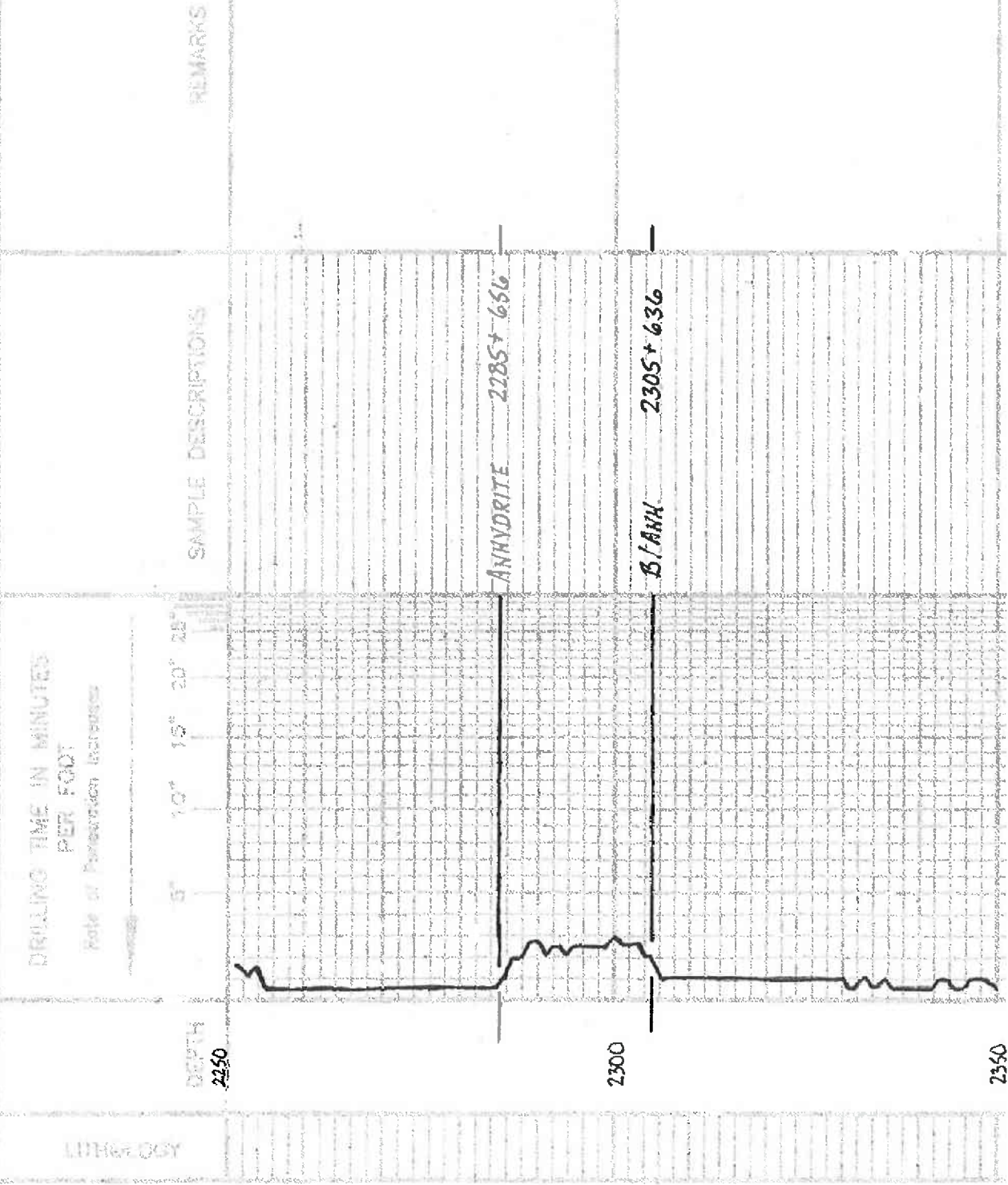


APR: 15-171-21167

REMARKS
 7-18-16 SPUD
 7-19 @ 360'
 7-20 @ 1745'
 7-21 @ 2835'
 7-22 @ 3400'
 7-23 @ 3785'
 7-24 @ 4035'
 7-25 @ 4270'
 7-26 @ 4332'

LEGEND

- Dolomite
- Chert
- Gypsiferous
- Limestone
- Dark sh
- Shale
- Sandstone
- Salt
- Anhydrite



3400

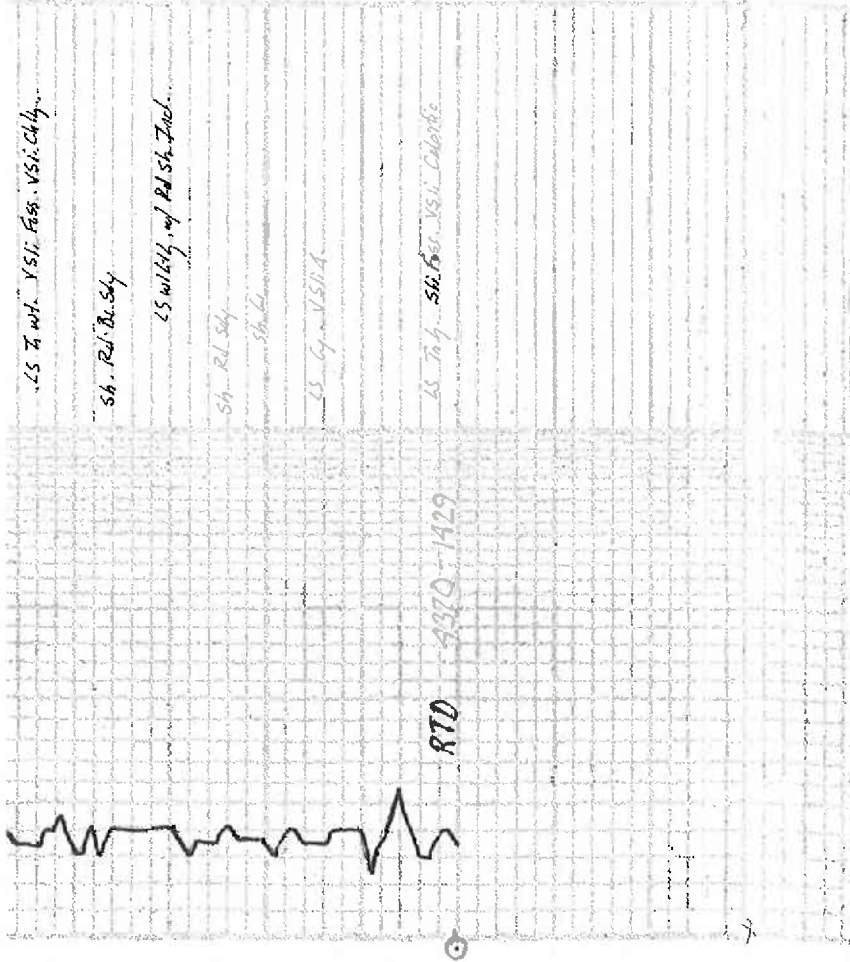
3600

3600

STOTLER 3513-572

Samples are logged
15 at Pass 51.4





4400

