

GEOLOGICAL REPORT

DRILLING TIME & SAMPLE DESCRIPTION

REPORT PREPARED BY: DOUGLAS V. DAVIS JR.

OPERATOR TE-PE Oil & Gas Company

LEASE Cedar Springs Trust #2
API # 15-115-21506-00-00

FIELD Peabody

LOCATION SE-SE-SW

SEC. 13 TWNSP. 21 S RANGE 4E

COUNTY Marion STATE Kansas

CONTRACTOR C & G DRILLING RIG # 2

SPUD 11/26/2019 COMP. 12/5/2019

LTD RTD 2745' MUD UP 2000'

SAMPLE SAVED FROM 2000' TO RTD

DRILLING TIME FROM 1958' TO RTD

DOUGLAS V. DAVIS JR.
LICENSED GEOLOGIST
KANSAS # 482

CERTIFIED PETROLEUM
GEOLOGIST #6326

ELEVATION

K.B. 1297'

D.F. _____

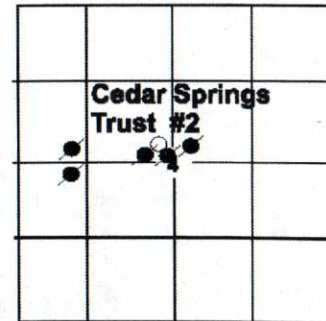
G.L. 1288'

DEPTH MEASURED
FROM KB

CASING

SURFACE 9-5/8' 207' Set
@ 218' w/100 ssx. com.
PRODUCTION 2745' of 5-
1/2" 2522 KB

LOGGING



FORMATION	SAMPLE	ELOG	DATUM
B/ KC	1978		-681
MISSISSIPPIAN	2131		-834
Kinderhook	2174		-877
HUNTON	2325		-1023
VIOLA	2330		-1028
Simpson	2390		-1088
ARBUCKLE	2475		-1178

REFERENCE WELLS

- A. DRILLERS & PRODUCERS #3 ORLANDO SE SE SW 4-22S-4E
B. _____
C. _____

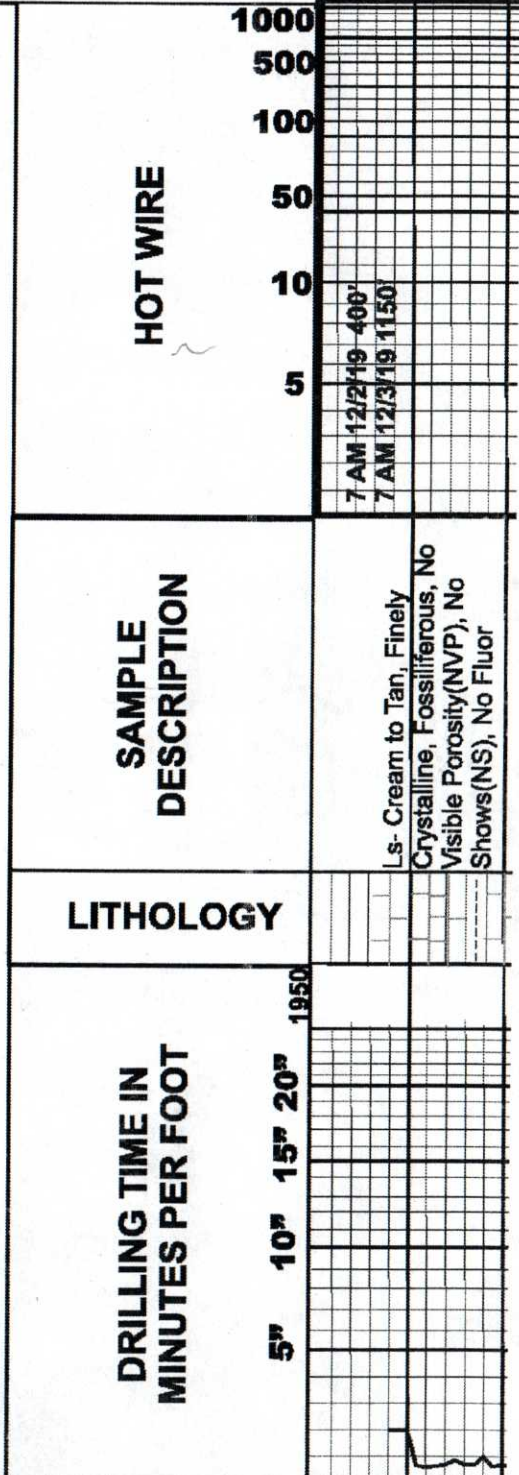
REMARKS It was recommended this test have production casing set.

DST DST #1 2321-2330 Mizener/Hunton
15"-30"-15"-35"
Rec- 1080' Salt Water, w/Trace oil
745' VSO & MCW, 95' SO & WCM
BHT 96 degrees FHP 1114#
IHP 1133# FFP 670-866#
IFP 226-662# FSIP 952#
ISIP 952#

DST #2 2330-2334 Viola
30"-60"-30"-60"
Rec- 300' Trace Oil & SMCW
20' VSO OCM
BHT 97 degrees FHP 1118#
IHP 1138# FFP 115-160#
IFP 20-114# FFP 115-160#
ISIP 957# FSIP 957#

LEGEND

- LIMESTONE
- SANDSTONE
- DOLOMITE
- SHALE
- BLK SHALE
- CHERT
- ANH./GYPSUM



5" 10" 15" 20" 1950

5 10 50 100 500 1000

7 AM 12/2/19 400'
7 AM 12/3/19 1150'

Ls- Cream to Tan, Finely
Crystalline, Fossiliferous, No
Visible Porosity(NVP), No
Shows(NS), No Fluor

Base Kansas City

Sh-Grey to Dark Grey

Sh-Lt Gry to Gry, Silty, Mica

2000

Sh-Lt Gry to Gry,

Sh-Grey to Dark Grey

Marmaton Gp.

Ls- Crm to Tan, Fxln, Fos,
NVP NS, No Fluor

2050

Sh-Lt Gry to Gry,

Ls- Crm to Tan, Fxln, Fos,
NVP NS, No Fluor

Sh-Lt Gry to Gry,

Ls- Crm to Tan, Fxln, Fos,
NVP NS, No Fluor
Sh-Lt Gry to Gry,

2100

Ls- Crm to Tan, Fxln, Fos,
NVP NS, No Fluor

Sh-Lt Gry to Gry,

Ft. Scott

Sh-Dk Gry to Gry,
Ls- Crm to Tan, Fxln, Fos,
NVP NS, No Fluor

Cherokee

Sh-Dk Gry to Blk, Carb

Mississippian

Chert- Wh/LtGry. , 80% Fresh,
20% Weathered, NS No Fluor,
Cut, Odor

2150

Chert- Wh/LtGry. Sharo 90%
Fresh, 10% Weathered, NS

Kinderhook Sh.

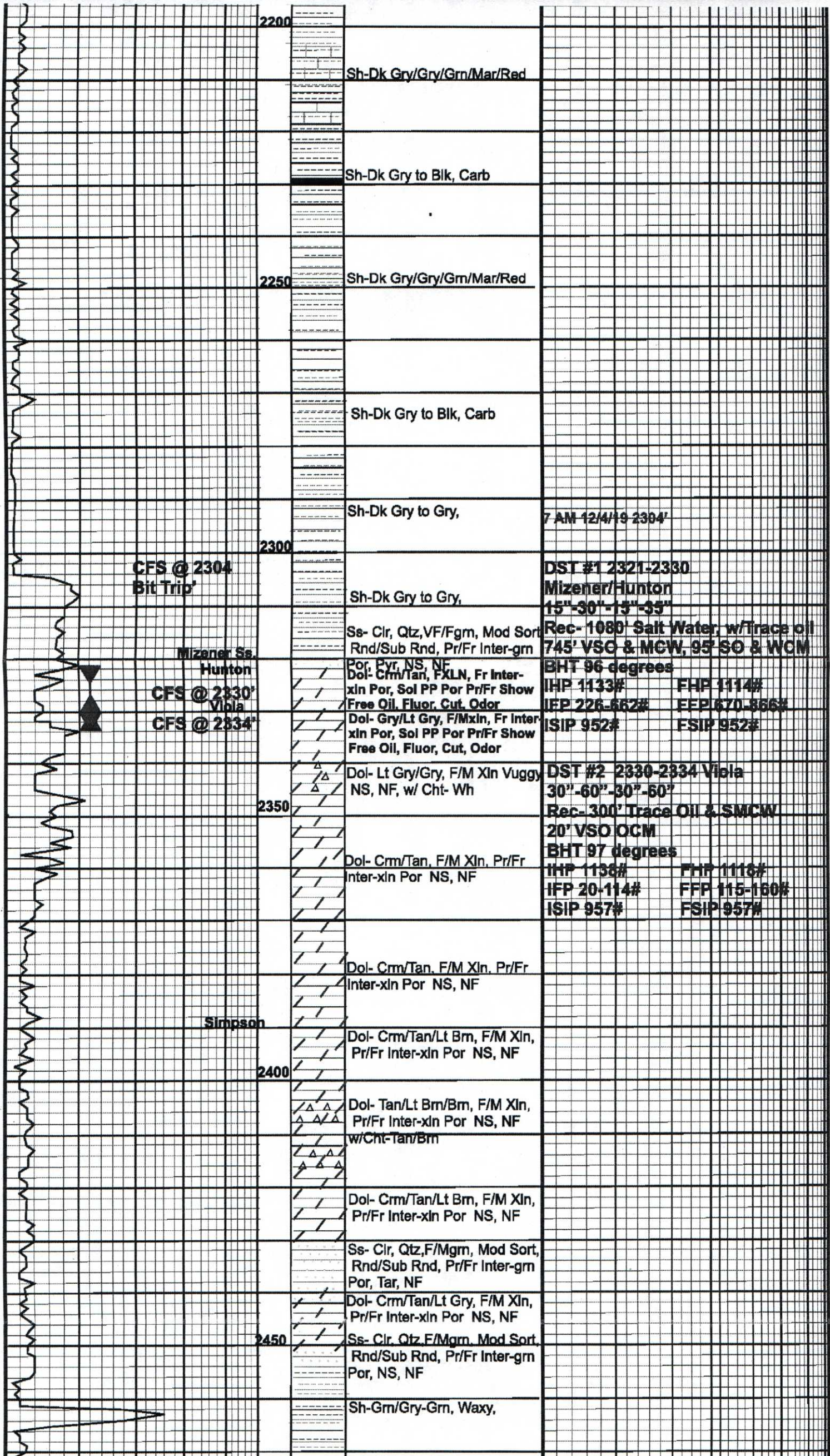
Sh-Dk Gry/Gry/Gm/Mar/Red

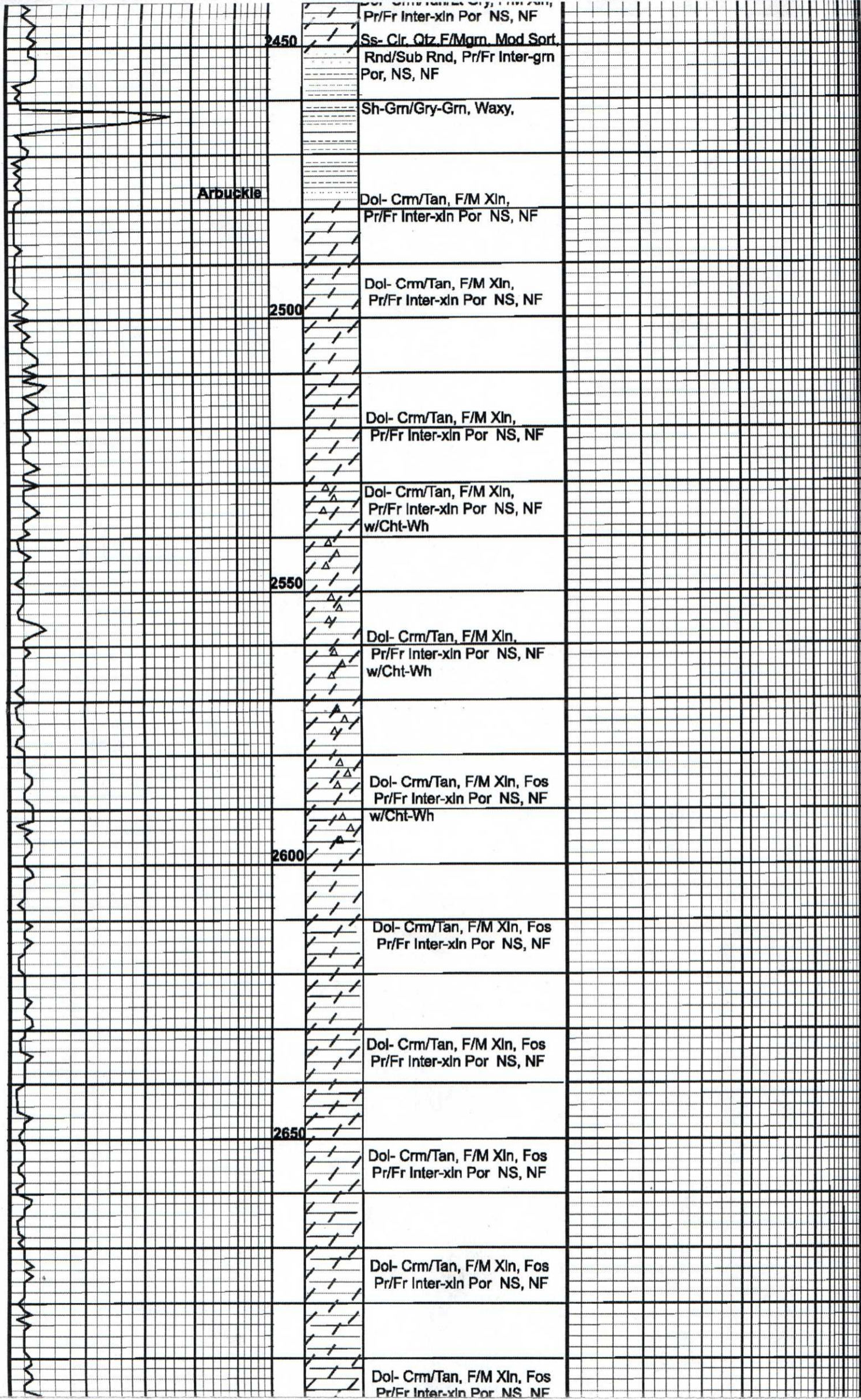
Sh-Dk Gry/Gry/Gm/Mar/Red

2200

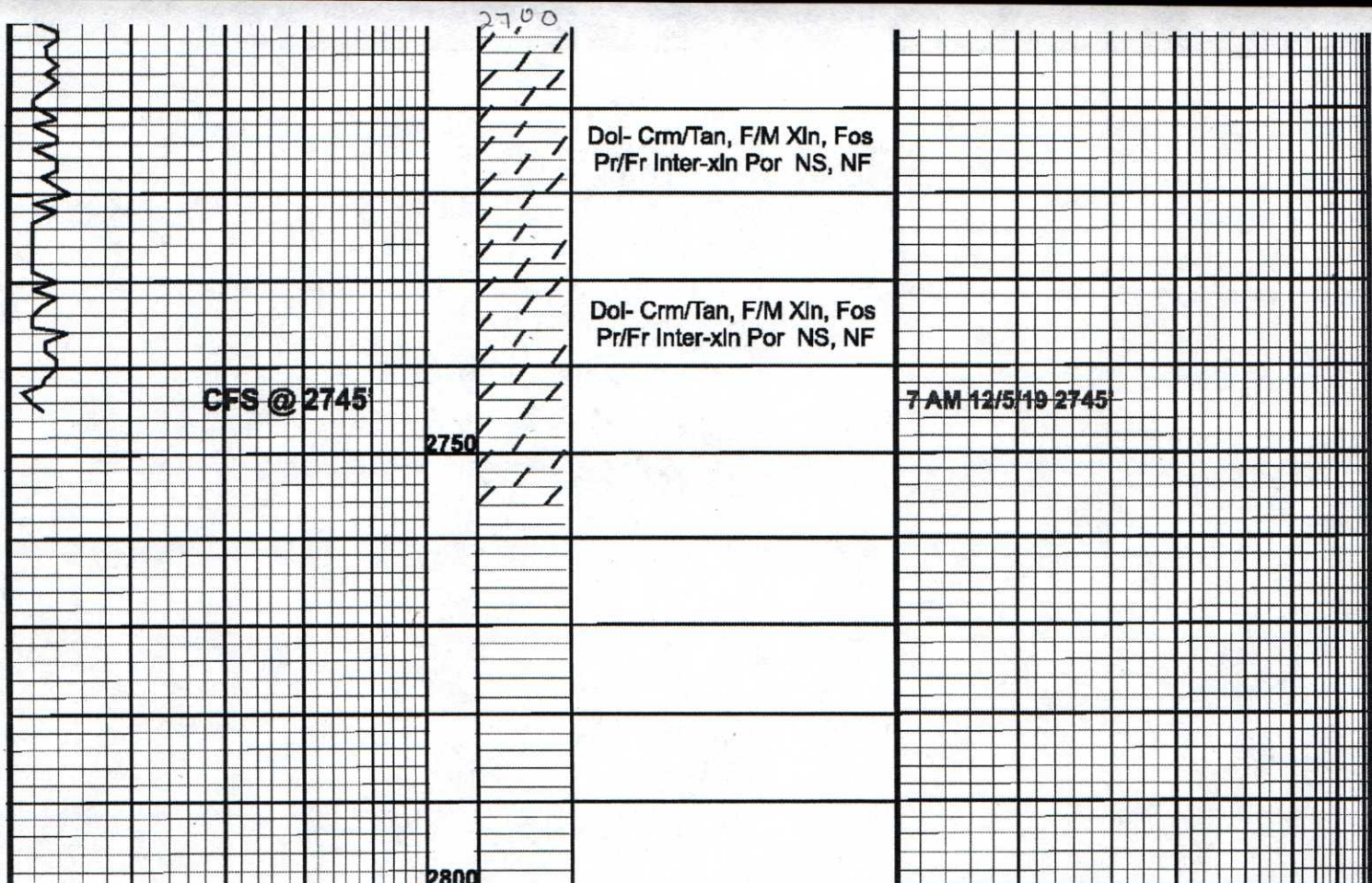
Sh-Dk Gry/Gry/Gm/Mar/Red







2700



5" 10" 15" 20" DRILLING TIME IN MINUTES PER FOOT	LITHOLOGY	SAMPLE DESCRIPTION	5 10 50 100 500 1000 5000 HOT WIRE
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CONTRACTOR C & G Drilling Rig #2 **LOCATION** SE-SE-SW
LEASE Cedar Springs Trust #2 **SEC.** 13 **TWNSP.** 21S **RANGE** 4E
ELEVATION 1297' KERTD 2745 LTD **COUNTY** Marion **STATE** Kansas