

COMPANY Gore Oil Company

WELL Henry #1

FIELD _____

LOCATION 1400' SW - 900' SW

SEC. 29 TWP. 9S RGE. 7W

COUNTY Pooks

STATE Kansas

OPERATOR Gore Oil Co.

CONTRACTOR Maverick Drilling

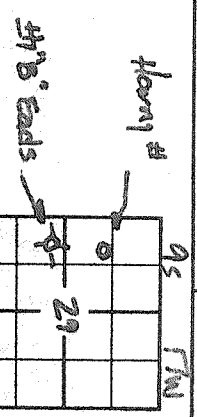
COMM: D-19-12 COMP: 10-25-12

CASING RECORD

SURF: 838" - 215' PROD: 5 1/2" - 3490'

TOTAL DEPTH DRILLERS: 3490

TOTAL DEPTH LOG: 3690



PRODUCTION LLC

ELEVATION KB 2139

DF _____

GL 2131

Drilling Measured From: _____
 2139 KB

Samples Saved From 3650 To: TD

Drilling Time From 3000 To: TD

Samples Examined From 3650 To: TD

Geological Supervision From 3000 To Total Depth

Well-site Geologist Jim Downing

Electrical Surveys Mabers

CDNL/GR - Macrolag

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION
<u>Amudrite</u>	<u>1428</u>	<u>1428</u>	<u>+711</u>	<u>-1</u>
<u>Base</u>	<u>1464</u>	<u>1464</u>	<u>+675</u>	<u>-1</u>
<u>Looska</u>	<u>3074</u>	<u>3074</u>	<u>-931</u>	<u>+17</u>
<u>Hedner</u>	<u>3296</u>	<u>3296</u>	<u>-1151</u>	<u>+18</u>
<u>10000</u>	<u>3310</u>	<u>3310</u>	<u>-1171</u>	<u>+17</u>
<u>Quasim</u>	<u>3330</u>	<u>3330</u>	<u>-1191</u>	<u>+17</u>
<u>RY</u>	<u>3558</u>	<u>3558</u>	<u>-1419</u>	<u>+17</u>
<u>Arbuckle</u>	<u>3661</u>	<u>3661</u>	<u>-1521</u>	<u>+21</u>

REFERENCE WELL FOR STRUCTURE Woodman - Jannidi
#1 'B' EADS NE - NW - SW

SEC 29-9S-7W Pooks Co. Ks

<u>1</u>	<u>3340</u>	<u>46-48</u>	<u>506</u>	<u>46-52</u>	<u>1498</u>	<u>3' mud</u>
	<u>3425</u>	<u>30</u>	<u>30</u>	<u>5</u>	<u>1724</u>	
<u>2</u>	<u>3447</u>	<u>56-33</u>	<u>33-34</u>	<u>670#</u>	<u>1728#</u>	<u>10' mud w/ oil spf.</u>
	<u>3500</u>	<u>30</u>	<u>5</u>	<u>30</u>	<u>1655#</u>	
<u>3</u>	<u>3476</u>	<u>50-61</u>	<u>683#</u>	<u>63-72#</u>	<u>1772#</u>	<u>60' Mason</u>
	<u>3567</u>	<u>45</u>	<u>45</u>	<u>45</u>	<u>1657#</u>	<u>35761 - 7670m</u>

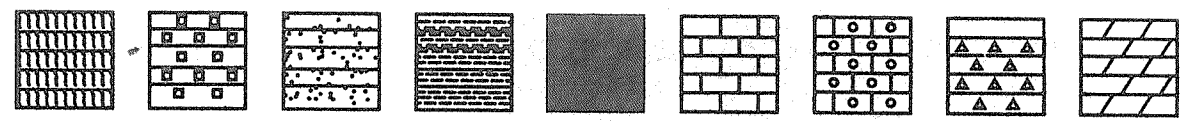
REMARKS AND RECOMMENDATIONS IT WAS NEEDED TO RUN THE

and log the "K" & "L" zones for paper

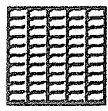
production

AS

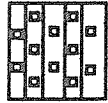
LEGEND



LEGEND



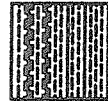
Anhydrite



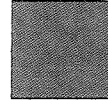
Salt



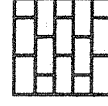
Sandstone



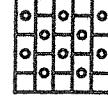
Shale



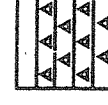
Carb sh



Limestone



Ool.Lime



Chert



Dolomite

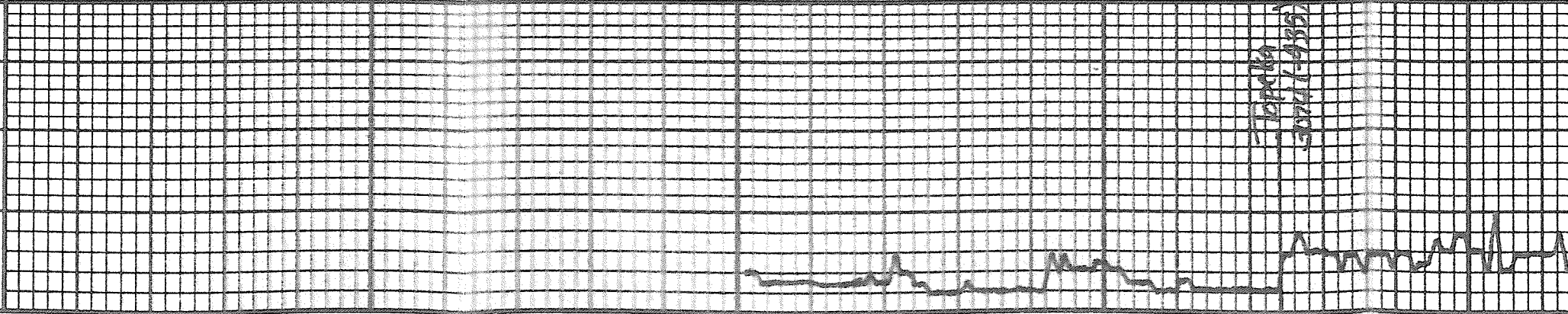
DRILLING TIME IN MINUTES

PER FOOT

Rate of Penetration Decreases



5" 10" 15"



LITHOLOGY

DEPTH

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

3000

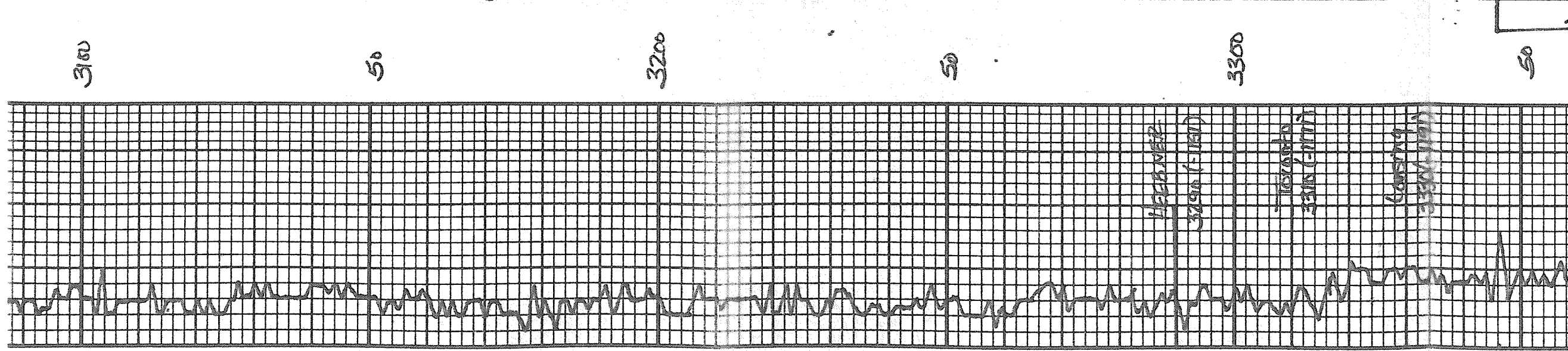
50

3100

LS: Tan fm, sll loss
W poor of NS sll.
CML to subm -)

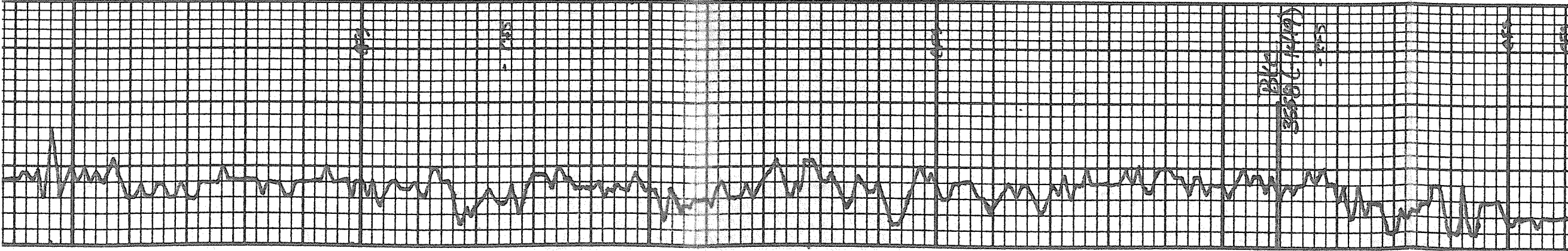
SN: Gray - Brown
LS: Tan fm, sll loss
NS
cm: Black - rdio

3100	<p>SN: qm - Brown LS: Tan fm, sll loss NS</p> <p>SN: Black - carb</p> <p>SN: qm - Brown</p> <p>LS: off wht - Lt. tan fm to v fm, mottled qm loss throughout</p> <p>LS: off wht f. - some sll. loss w some chky inclusions</p> <p>SN: Black - carb</p> <p>SN: qm</p> <p>LS: Tan Lt. Tan fm sll chky - w few in bed loss frags - no show.</p> <p>LS: Cm. off wht f. - some mottled sll loss</p> <p>LS: wht fm - NS. chky to subm matrix</p> <p>SN: Black - carb</p> <p>LS: qm - Lt. Tan fm w scatt of col. loss of No show - No odor - scatt chky - inclusions</p> <p>SN: qm - Brown</p> <p>LS: wht - Lt. Tan fm w mth loss of - NS f. - some v. lgr loss frag -</p> <p>LS: Tan fm loss - all white</p> <p>SN: Black - carb</p> <p>LS: wht f. - v fm v. dse</p> <p>SN: qm - Brown</p> <p>LS: wht f. v fm v. dse few scatt loss No show - No od scatt chky f. s</p> <p>SN: Red - qm - Brown</p> <p>LS: Tan - Lt Tan fm w scatt col of mth - No od - scatt colom - becoming dse</p> <p>LS: Tan - wht f. - v fm w f. w p. s tan - Lt. qm & chkd. NS.</p>
3200	
3300	
3400	



vis 51
 wt 9.0
 W. 8.8

DST # 1
 3346-3425
 Rec: 50-30-5



LS: Tan. Lt. 10m tan w/ scatt col of N5FO - No od - some odor - Drummy g dse	LS: Tan - w/ f. v. l. sm. w/ f. g. r. s. tan - 11. 9m d. chm. Ns.	SN: 9m - Brown	LS: unt. Lt. Tan f. - v. l. sm. w/ f. g. r. s. tan - N5FO or sm No odor all ttr.	SN: 9m - Reddish Brown	LS: Unt. f. v. l. sm. w/ f. g. r. s. f. g. r. s. tan. No od all v. l. r. k v. l. sm. spt spt spt spt spt	SN: Black - chm SN: v. light grey	LS: Unt. f. v. l. sm. w/ f. g. r. s. v. l. r. k odor.	LS: Tan w/ ol. v. spt spt N5 od scatt od v. spt spt N5 od mostly all dse Ns.	SN: Exact Camo.	LS: Cam - Lt. Tan f. v. l. sm w/ scatt tan. chm.	SN: Exact Camo.	LS: unt. f. v. l. sm. dse, some sh. chm. No show - No odor mostly all dse.	SN: Red - Brown - grey	LS: Tan w/ m. w. od - v. g. l. int. h qd sfo, dr. odor some total fl. f. g. r. s. tan.	LS: unt. f. v. l. sm. dse w. l. z. s. v. l. r. k. od. w. l. r. k spt. spt. N5FO - No od - mostly all dse	SN: Black - Camo	LS: Tan f. v. l. sm. w/ ol. w/ d. spt m. w. l. r. k. od. - some total No od in ttr. f. g. r. s. f. g. r. s. (only to submit good - odor all in cup)	SN: Black - No od	LS: Tan f. v. l. sm. w/ ol. w/ d. spt w/ d. spt. f. g. r. s. od. w/ spt total d. m. spt spt - some v. l. r. k od. f. g. r. s. total Black spt	LS: Tan f. v. l. sm. w/ scatt Tan. Acryl. Throgan w/ t N5FO - spt spt N5 od	LS: Tan f. v. l. sm. w/ spt spt spt v. l. r. k. white - N5FO w/ l. r. k. f. l. e. clusters - some f. g. r. s. - w/ f. g. r. s. f. g. r. s. N5FO	SN: Red - v. orange w/ f. g. r. s. and v. l. r. k A lot through t
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DST # 1
3346 - 3425
30-30-5
Rec: 3' mud
IAP: 1698#
IFP: 46-48#
FFP: 46-49#
SIP: 506#
FAP: 1724#

DST # 2
3447 - 3500
30-30-5
Rec: 10' mud w/ oil
IAP: 1728#
IFP: 30-33#
FFP: 33-34#
SIP: 676#
FAP: 1655#

Vis 5.0
wt 9.1
wL 8.8

DST # 3
3498 - 3567
45-45-45-45

Rec: 60' HocM
(30% oil - 7)
IAP: 1772#
IFP: 50-61#
FFP: 63-72#
SIP: 883-880#
FAP: 1667#
TEMP: 100°F

