

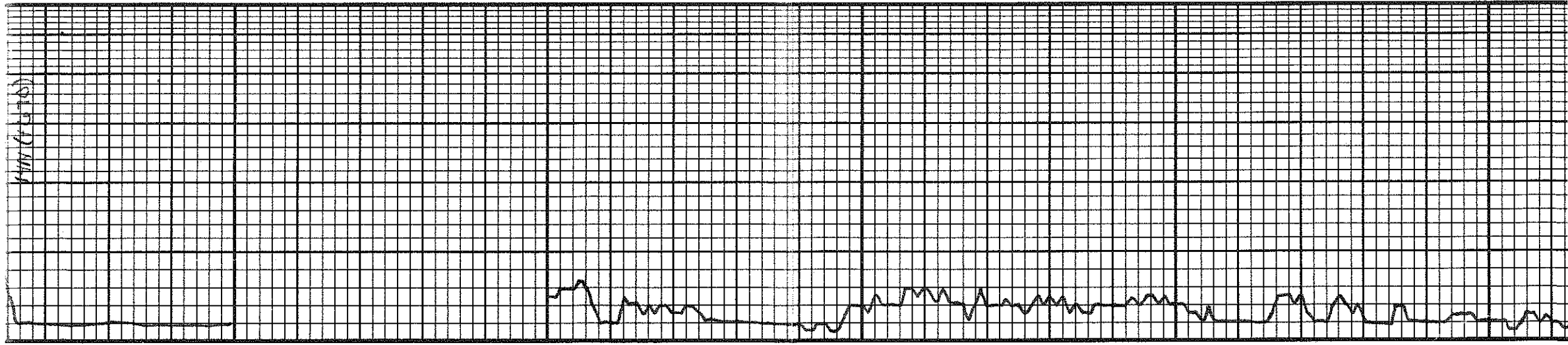
1450

2900

50

3000

50



COPEKA - 1002
LOG

3100

50

3200

50

3300

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------|-----------------------------|--|---|--|---------------------------------------|---|---|-----------------------------------|--|----------------------------------|---|--------------------------------------|--|--------------------------------------|---|-------------|-------------|--|--|--|-------------|--|
| Chky tan ls fr of ss sm fr xylw light | DRGMS | DNS TAN - med gray pr ss | LS TAN - sm chky in pt, sm brn - gray fr xylw dns pr-lytle MS. | LS TAN - brn, hot sat brn sp. in suc xylw, g st, fatty when broken. fr-lytle ss | gray wt - tan to xylw med dns LS gray ss | tan - med xylw to brn - ss gray ss | LS TAN - brn fr xylw to sm w/ streaky mm ss MS | LS fr - med xylw, tan - gray med dns pr ss w/ sm chky frags | chky tan - w/ ss LS sh gray | LS tan, sm loss, fr xylw fr-lytle MS chky tan - ss | SH BLK CARB DNS gray xylw ss. | SHV DRGMS DNS TAN - gray v tan xylw ss | SH GRAY BRN mix xylw v dns tan ss | LS TAN - chky 5 ft fr-lytle gray ss | tan v tan xylw v dns no apper MS. | SHV DRGMS gray BRN LS TAN - chky in pt sm fr-lytle sm dns tan xylw ss | SH BLK CARB | SH GRAY BRN | chky tan - gray ls sm gray w/ke LS ss | LS TAN - tan to xylw pr-lytle gray v tan xylw - mic xylw DRGMS | LS TAN - brn cng xylw, pebbly. gr-lytle, fr-lytle, fr-lytle sm tot sat brn sm gray ss | chky tan ss | LS TAN - brn - sm gray streaked fr-lytle in dns pr ss |
|--|-------|-----------------------------|--|---|--|---------------------------------------|---|---|-----------------------------------|--|----------------------------------|---|--------------------------------------|--|--------------------------------------|---|-------------|-------------|--|--|--|-------------|--|

OST #1
3107-3150'
30'-30"-30'-30"
wk surf blow both opens
IFEP 20-34
FFP 35-46
SIP 700-667
HP 1491-1461
REC 50 OSWM
40% W, 60% M

OST #2
3320-3381'
45'-45"-45'-45"
wk Blow BOTH OPENS

50

5" 10" 15" 20" 25"
DRILLING TIME Minutes/Foot

Rate of Penetration Decreases

DEPTH

LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

OPERATOR D NOCI
LEASE Chas. mar #1-13 IP _____
ELEVATION 1084' KB RTD _____

LOCATION 2120' ENL & 1265' FWL
SEC 13 TWP 13 S RNG 19 W
COUNTY ELLIS STATE KANSAS

3600

50

3700

50

3800

LS: wht, ool, seat pr. ool
 tite, oil filled, lt. fr. od.
 LS: wht-tan, ool. No visor,
 white. AIA
 LS: tan, ool. fr. ool. w/ sm
 wings. fr. gd. sat. str. fr. SFO,
 fr. od.
 Sh: grey

LS: wht, fu. v. fu. xln, sub-xln
 chky. Seat pr. str, NSFO,
 No od. Ting pr. & chs.

Sh: grey w/ brn
 LS: tan, fu. xln, pr. & chs.

Sh: grey
 LS: wht-tan, fu. w/ xln
 pr. & chs. fr. w/ k in prt,
 dirty w/ sh. string. & chs.

Sh: grey-brn
 Data: tan, fu. r. om. xln, ool. in prt.
 fr. int. k, some pr. & chs. fr. od.
 sat. str. w/ gd. SFO, fr. od. fr. od. oil
 on cap. Ting mostly str. ch. & gd
 in xln & w/ seat pr. & sm. wings.
 w/ sat. w/ gd. SFO, fr. od. fr. od.
 on cap.

Data: tan, fu. r. om. xln, pr. & chs.
 AIA. Ting and r. om. xln, pr. & chs.
 tite. fr. str. fr. SFO, fr. od.
 Data: tan-wht, w/ r. om. xln, fr.
 gd. int. k, seat wings fr. gd. ool
 str. w/ gd. SFO, fr. od.
 Data: seat ex. AIA, ting w/ od.
 crs r. om. xln. pr. int. k, fr.
 tite. fr. str. w/ gd. SFO,
 Shly. w/ fr. gd. od. seat
 chky. ex. tan ool. ch. & chs.

Data: Mostly AIA, seat wings,
 sub-xln chky
 Data: Md. crs r. om. xln, w/ od.
 tan. Mostly barren,
 Seat w/ fr. str.
 Some chky. fr. od.
 Data: Mostly AIA, some
 pink w/ wht. ch. & chs.
 Mostly barren, lt. fr. od.

M. D.

ASK
3623-3644

ASK
3675-3697

ASK
3775-3697
ASK
3774-3695

DST # 6
 3623-3644
 45-45-45-45
 I.F. - 1 1/4" blow
 F.F. - 1 1/2" blow
 I.F.P. 31-34
 F.F.P. 34-45
 S.P. 401-640
 H.P. 1802-1732
 Rec:
 15' 60 957a
 55' 0CM 2610
 BHT: 169 G=33

