



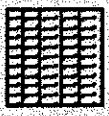





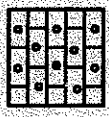
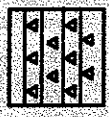

## DRILL STEM TESTS

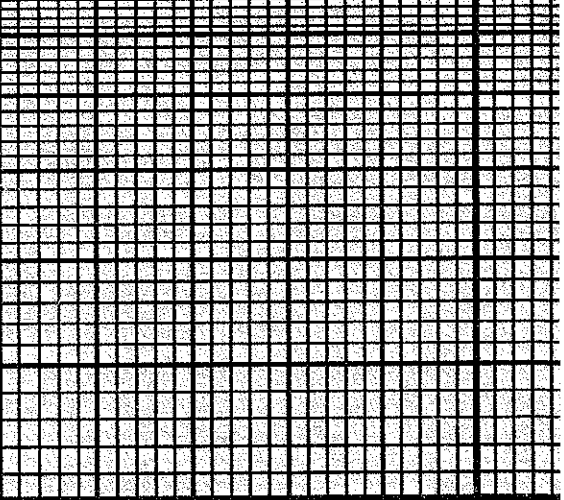
No.	Interval	IFP/Time	ISIP/Time	FFP/Time	FSIP/Time	IHM-FHM	RECOVERY

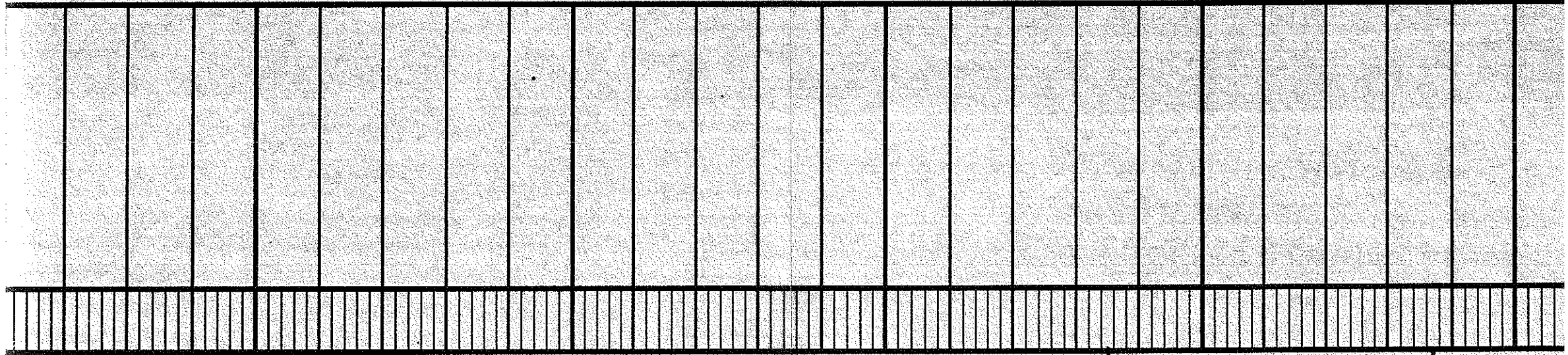
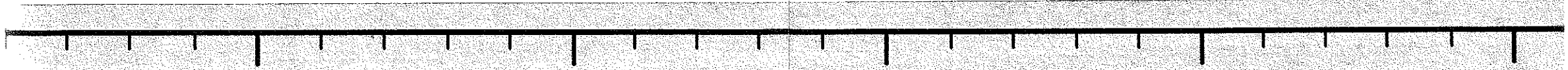
REMARKS AND RECOMMENDATIONS *THIS WELL RAN STRUCTURALLY FINE - HIGH TO OLD PRODUCERS BUT LACK DEVELOPMENT TESTED - D&A*

*Ron Nelson*

**LEGEND**

	Anhydrite
	Salt
	Sandstone
	Shale
	Carb sh
	Limestone
	Ool. Lime
	Chert
	Dolomite

REMARKS	
OIL SHOWS	
SAMPLE DESCRIPTIONS	
LITHOLOGY	
DEPTH	
DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases	

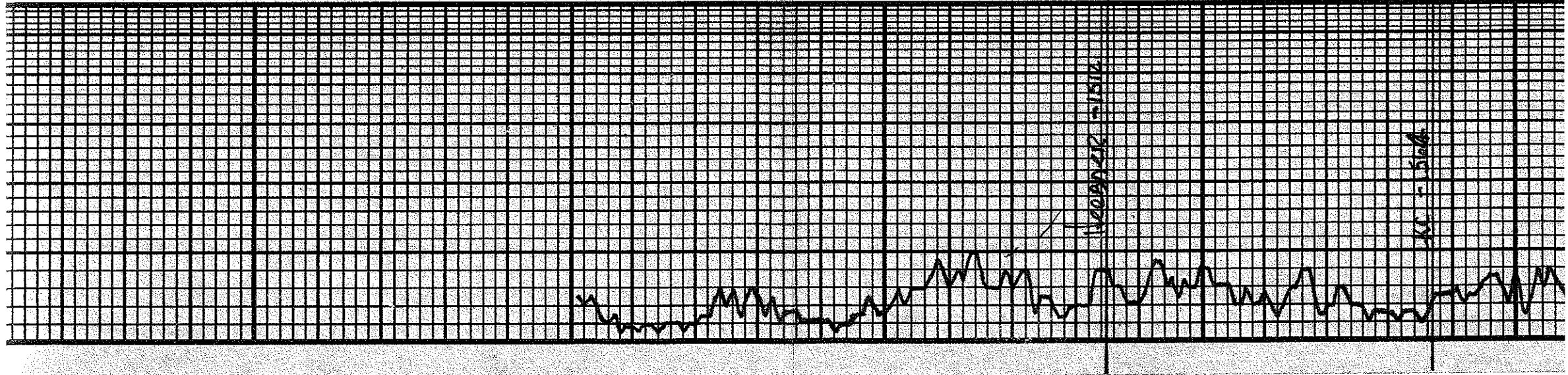


3600

50

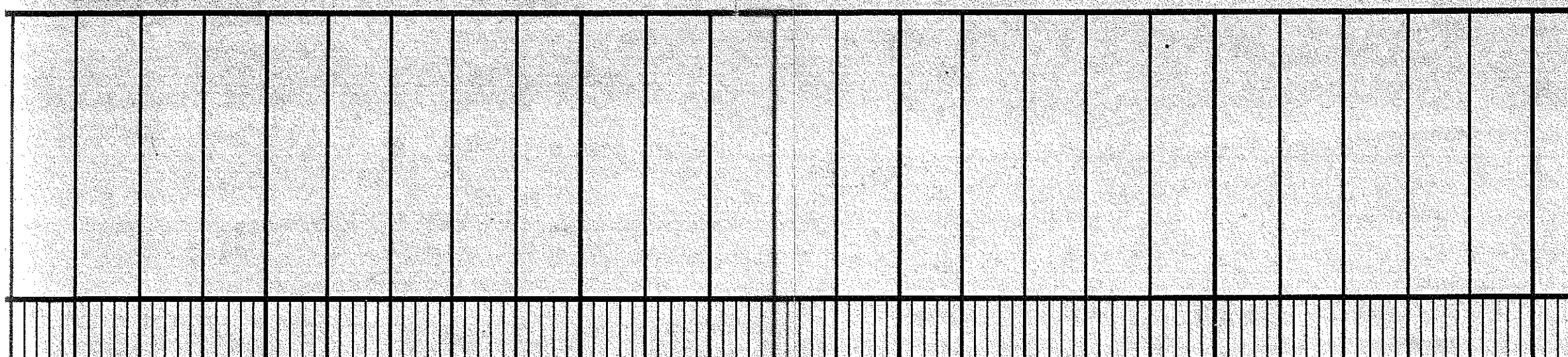
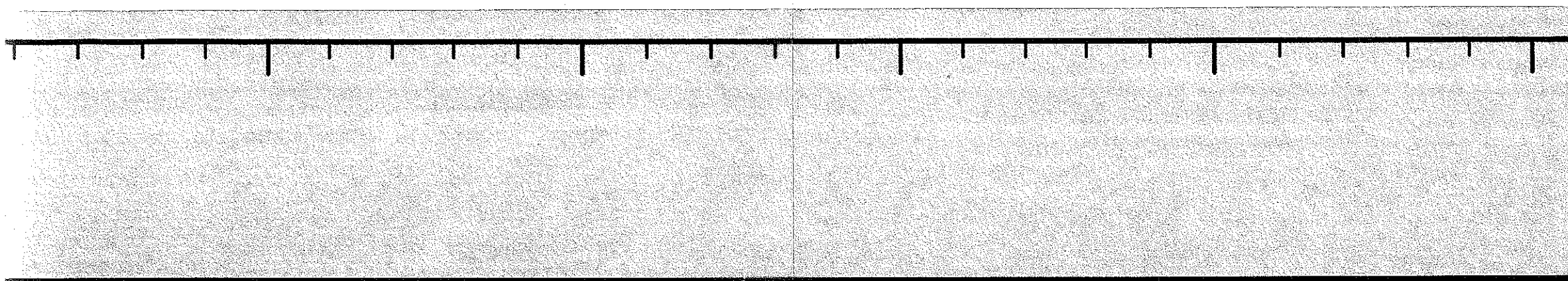
3700

50



11209502 51510

11209502 51510



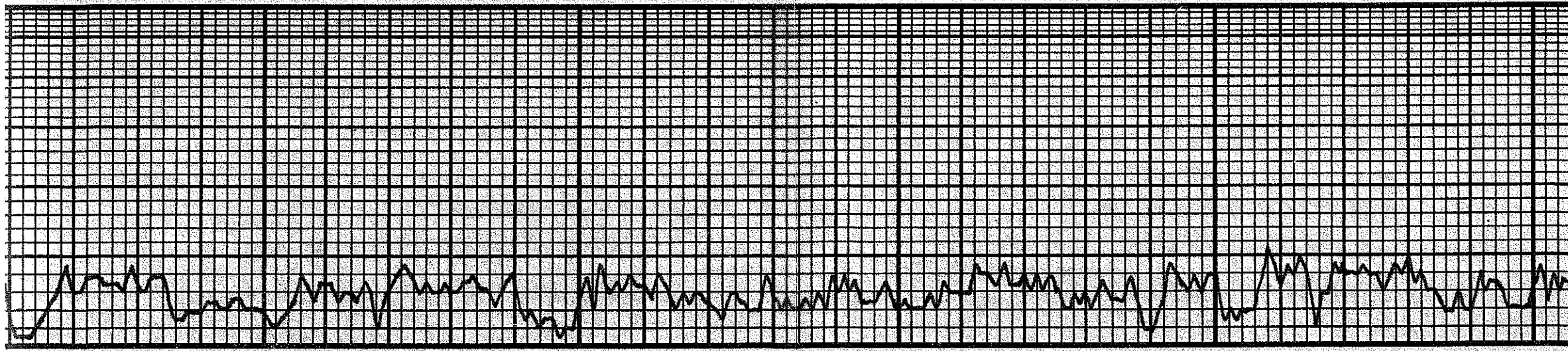
3800

50

3900

50

4000



1260 (1240)

1260 (1240)

1260 (1240)

50

4100

50

4200

50

Ls: Lt Tan Extension  
V. bolt - loss in scatt & Nb  
show

SH: Black-Carb  
very dark and

Ls: Whit Lt Tan Fin  
mostly all DSE in scatt  
gm Ls lenses throughout

SH: Black-Carb

Ls: Whit Lt tan f. v. fin  
all VdSE in 1-Z. DSE scatt  
oxy - No show - all VdSE

ok: Blank mark

DST #1

4372' - 4311'

30' - 30" - 30" - 30"

1 1/2" no. 14" below - dist

2<sup>nd</sup> op DEAD

IFP 17-22

FFP 22-25

SIP 887-725

HP 214-1977

Rec: 10'm w/o.s.

DST #2

4271'-4320'

45"-45" x 45" x 45"

1 1/2" op 1 1/2" below

2<sup>nd</sup> op Dead

IFP 39-47

FFP 56-57

SIP 1166-1097

HP 2198-2073

Rec: 45' 50cm

10% ok 90% m

DST #3

4271'-4326'

45"-45" x 45" x 45"

1 1/2" open 1 1/2"

2<sup>nd</sup> open 3"

IFP 40-68

FFP 82-97

SIP 1263-1248

HP 2205-1084

Rec: 1' Hoam

139' VSOCm

DST #4

4271'-4323'

15" 30" x 30" x 30"

1 1/2" open 30x30 sec

no blow back

IFP 735-1121

FFP - none

ISIP 1356

Rec: 1305' MHO

525' W/M

230' MHO

LS: TAN - Lt. Bm v An  
DSE in scall shly Bm Lt.  
Ns.

sh. gma - Bm - scall  
Vlog. 55 clusters throughout

Ch. Tan - Bm yellow w/lt w/  
VAD wreath of 1' gd SFO, Lt. Bm  
SFO sh. - V. gd below

cht w/lt tan shly shly Bm  
D. od. H. Bm S. shly shly sm.

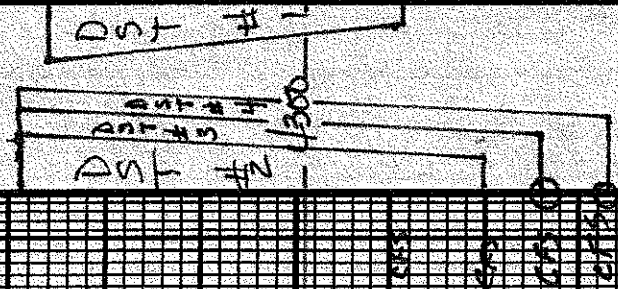
cht w/lt sh. fish gully - top  
5' Bm cage sm. 55% SFO  
shly wreath

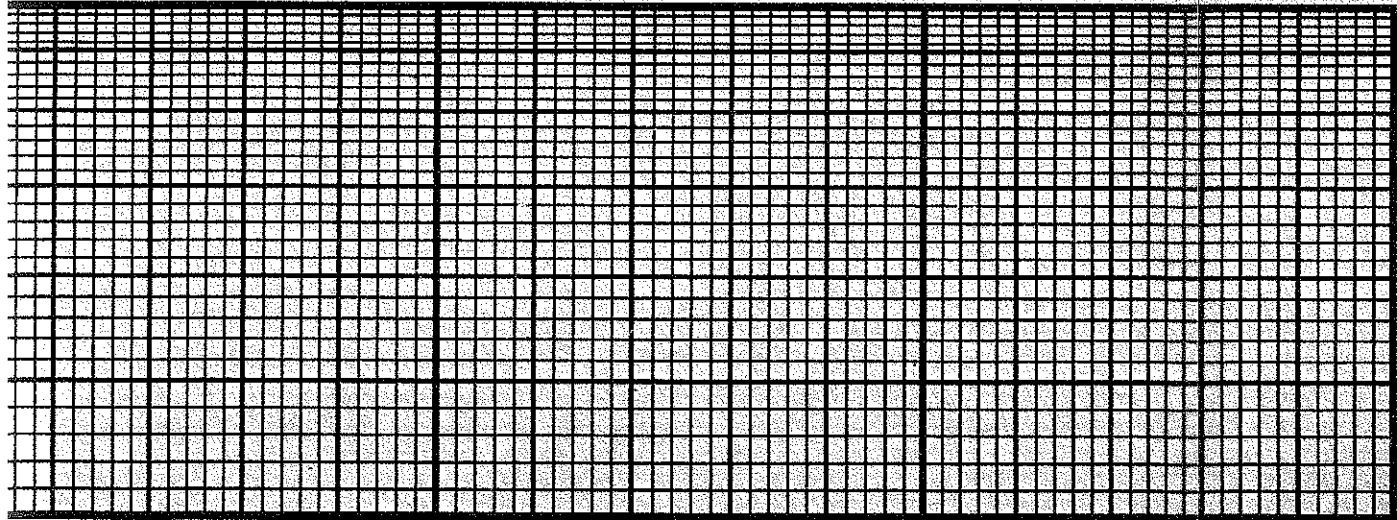
shly shly shly V. od. Bm  
SFO Bm shly. inst barrier no  
od

*Antelope*

85

50





DRILLING TIME Minutes/Foot

5" 10" 15" 20" 25"

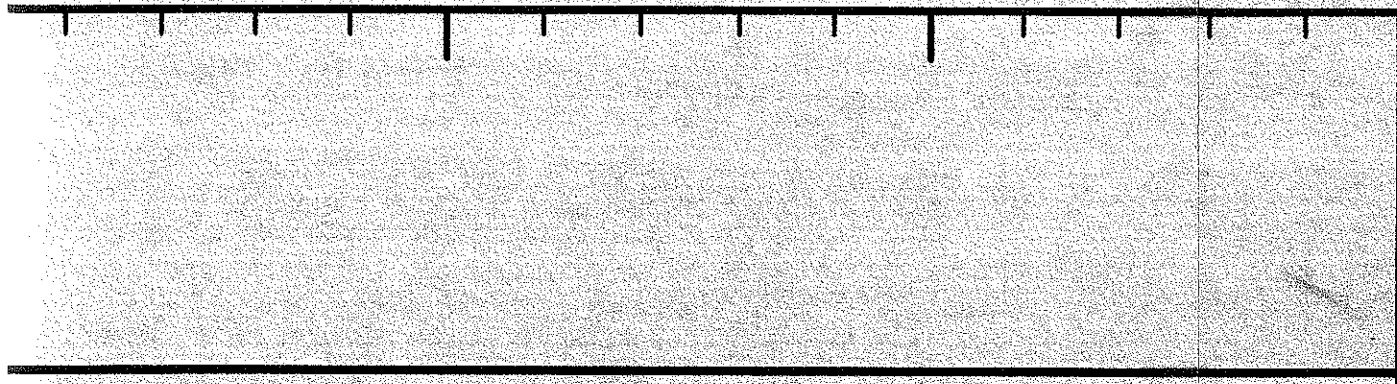
Rate of Penetration Decreases



LITHOLOGY

SAMPLE DESCRIPTIONS										

SAMPLE DESCRIPTIONS



OIL SHOWS

REMARKS

CONTRACTOR DNOC / Discovery Drilling Co. LLC

LEASE Savston Family # 2-19 IP D# 1

ELEVATION 2173' 4.9 RTD 4333'

LOCATION \_\_\_\_\_

SEC. 19 TWP 2.0S RNG 26W

COUNTY Lawrence STATE Kansas