

CHARLES SCHMIDTZ

WICHITA, KANSAS

GEOLOGIC REPORT
LOG

17W

PRESTON #1
NYRA
17D, FSL 2300, FWL
STATE: KANSAS
COUNTY: RODKS
SECTION: 17
Twp: 9S
Rge: 17W
Sec: 9S
Well: PRESTON #1
Locality: NYRA
Elevation: 1700'
Depth: 1700'
Frac: 1700'
Preston Hwy 1700'

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WELL	SECTION	ELEVATION	DEPTH	TYPE	NAME	NO.	SIZE	PIPE STBAP:	PIPE STBAP:	MEL/Sonic
1	3418-	22-25	794#	25-27#	698	1662#	3D"	1000#	980#	10', MUD
2	3393-	21-8#	851#	93-206	841#	1641#	LANS, C-E	60"	60"	130', SMGCD
3	3425	30"	851#	146-249#	812#	1633#	LANS, C-E	60"	60"	175', SMCW, TDSMCW
4	3418-	22-25	794#	25-27#	698	1662#	LANS, H-L	3D"	60"	990#
5	3528-	23-25	111#	26-28#	153#	1739#	LANS, H-L	3D"	60"	15', MUD

BT RECORD

NO	SIZE	NAME	TYPE	DEPTH	DEPTH OUT	FEET	HOURS
1	12 1/4	RR	262"	262"	2 1/2"	55 3/4	DEVIATIDN SURVEYS; @ 333D = 0.25' SHORT
2	7 7/8	TZ	ENPD123	3660'	3398'	55 3/4	DEVIATIDN SURVEYS; @ 262" = 3/4".

GEOMETRY TOPS & STRUCTURAL POSITION

NO	SIZE	NAME	TYPE	DEPTH	DEPTH OUT	FEET	HOURS
1	14 1/2	14H8	+616	-449	1452	1450	SHD RECORDS
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ANHYDRITE - TOP

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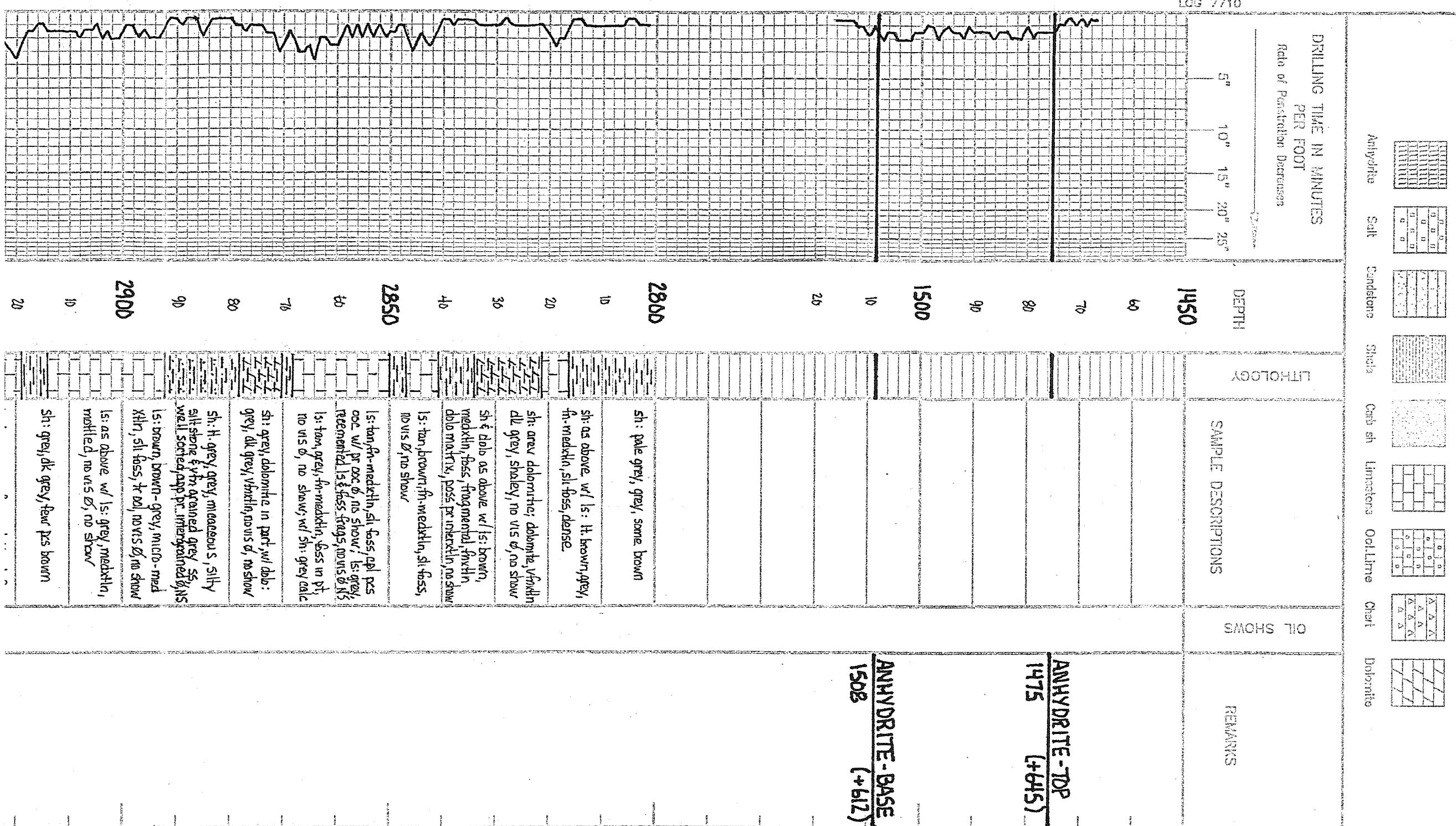
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NO	SIZE	NAME
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2900

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20

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2950

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3050

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3100

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40

40

3150

40

40

40

40

40

TOPEKA

(.918)

sh: grey, dk grey, few pes brown
xth, sli fess, tr. ool, no vis, o, no show

ls: as above w/ ls: grey, medxth,
v sli ool, no vis, o, no show

ls: brown, fm-medxth, mottled, sl!
fess, no vis & no show; ls: tan,
fxth, sli chalky, dense.

sh: grey, mica; ss: grey, vfgnd,
well sorted, v. pr integrnd, ls.

sh: lt. grey, grey, few pes brown, sl!
dk brown, vfxth, no vis, o,
ls: tan, dk grey, fm-medxth, vsl
oal, tr vpr vuggy, o, no show

sh: med grey, w/ ls: tan, interbedded
green sh.

sh: lt. grey, grey, calc; few pes brown
sh: as above w/ few clusters ss:grey,
vfgnd, no vis, o, no show

ls: grey, brown, fm-medxth, dense,
w/ sh: grey, calc

sh: grey, some brown, w/ seat grey
purple-grey, brown, vfxth, shaly, abo
sh: as above: w/ ls: lt grey, vfgnd,
grained, well sorted, tte, no vis, o, ns

ls: tan, brown, grey, fm-medxth, sl
fess, seat vpr interxth & pvt o, no show

ls: as above w/ ls: micro-vfxth, dense
w/ lt. grey, grey sh.

ls: brown, grey, medxth, some cal/fess,
mottled, dense; ls: tan, fxth, chalky
in part

ls: brown, grey, fm-medxth, fess,
mottled, no vis, o, no show

ls: tan, brown, fm-medxth, sli fess,
no vis & no show

ls: as above w/ sh: grey; sh: green
w/ included ls: frags

ls: tan, brown, grey, macro-medxth,
no vis, o, no show; ls: tan, fxth,
sl! fess, seat pr interxth & vuggy

o, no show
sh: grey, dk grey, w/ ls: brown,

sh: lt. grey, sh: grey w/ ls:
frags, included

ls: tan, lt. brown, fm-medxth, ool
in part, sli fess, sli chalky, few pes
pr. interxth, o, no show

ls: tan, brown, grey, fm-some med
xth, dense

3150

sh: lt. grey, sh: grey w/ ls
frags. included
ls: tan, lt. brown, fm-medithin, wl
in part, s/s frags, sh: chalky, scat
pr interthin, intergranular, no st,
pr. interthin & fro. show
ls: tan, brown, grey, fm. some med
xthn, dense

80

90

60

70

10

20

30

40

4b

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60

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100

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13700

13800

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14000

14100

14200

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14800

14900

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15100

15200

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17000

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17600

17700

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17900

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18100

18200

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18400

18500

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18700

18800

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19200

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19400

19500

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20200

20300

20400

20500

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20700

20800

20900

21000

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21200

21300

21400

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21900

22000

22100

22200

22300

22400

22500

22600

22700

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29900

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30600

30700

30800

30900

31000

3400

fresh opaque, scat weathered edges
secondary quartz along veins on
faces w/ fine oil streaks; no
fracture odor, @ CFS-90

Is: tan H. brown, fine med-fine, sh.
Pr occ & vuggy, fr. spotty st, NSFO
col. esp. pr. spotty st, NSFO
sh: black

sh: grey-green, rust, some silty to
sh. sandy

ls: off white, tan, fine-fine, v-pr-fr inter-
vln & ppt vuggy & vsso w/ col glass
bubbles on brk. pr. -col ps fr pottery
golden brown st, tan V.F. odor

sh: grey-green - grey few ps rust
Is: tan H. brown, fr. med-fine, v. sh.
col. scat pr vuggy & fr. pr. occ
vsso, scat pr st, sat, no odor, A

sh: green, grey, some ls inclusions
& laminated sh. ls; few ps brownish
brown, fresh, opaque

sh: black, carb
Is: tan H. brown, micro-fine-fine, dense
sh: grey, dk grey, black

ls: off white, tan, fine med-fine,
sl. ool. vpr. Fr. intercal. & rare ppt
fo, pr. fr. st, sat, no odor

ls: tan, vth. med-fine, v. sh. ool & fossil
some pink (red shale sh), scat red sh
laminations; sh: grey, green, brown,
rust.

ls: as above w/ ls: wh. v. fine-fine sand
very fine grained, v. calc. opp
4 dry st, no shov. fb, no odor

ls: sandy as above, streaky dk
st & sat, pr. wet oil, w/ slow cut
ss: why v. fine grained, v. calc. opp
very poor por, streaky dk st, sat
pr. wet oil, st, w/ slow cut, no odor

ls: black v. fine grained, friable, app
pr. intercalated pr. SFE, gd even
st & sat, fr. slow cut, no odor

sh: mostly rust, "gummy", isolated
sand grains & ls fragments;
some grey, green, few sandans

rust sh. as above w/ grey, green,
sh. brown shale

sh: as above

ls: off white, grey, tan, fr. some
med-fine, app pr intercal. & vuggy

fo, ns, ls: as above, few ps w/ isolated
calcareous, fr. abundant, no show

fo, ls: tan H. grey, wh. fr. assex. thin
few ps st, ool, pr. -ad intercal. &
sat, pr. vuggy & calc. & scat purple
xhs, no show

fo: tan, vth. med-fine, v. med-fine
fr. fr. intercal. & no show; dolo:
tan, wh. med-fine, thin, rhombic, w/
qp - very gd intercal. & no show

3450

3500

3550

3600

3650

3700

3750

3800

3850

3900

3950

4000

4050

4100

3400

3450

3500

3550

3600

3650

3700

3750

3800

3850

3900

3950

4000

4050

4100

4150

4200

4250

4300

4350

4400

DST #3
(3393 - 3425)
CHL: 9800 ppm SVS: 3100 ppm
HSP: 1641# - 1642#
FP: 21#-87# / 93#-206#
SIP: 851#-841#
BHT: 98°F

RECOVERED:

53D WTR

30"-60"-60"-90"

HSP: 1641# - 1642#
FP: 21#-87# / 93#-206#
SIP: 851#-841#
BHT: 98°F

Trace

Trace

15P: NO BLOW

DST #5
(3528 - 3602)
HSP: 1739# - 1699#
FP: 23#-25# / 24#-28#
SIP: 111#-153#
BHT: 102°F

RECOVERED:

15' MUD

