

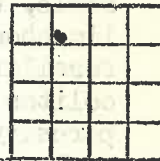
WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- MANHART-MILLISON & BEEBE
Farm- Beck No. 1

SEC. 24 T. 23 R. 9W
SW NE NW

Total Depth. 4130'
Comm. 9-6-55 Ccmp. 10-13-55
Shot or Treated.
Contractor.
Issued. 6-1-57

County Reno KANSAS



Elevation. 1702' DF

Production. 20 BOPD & 50% wtr.

CASING:

8 5/8" @193'
5 1/2" @3903' w/125. sx cem.

Figures indicate Bottom of Formations.

All measurements are from the top of the Kelly Bushing.

sand & clay	150	sand, as above	3166	limestone as above, increase
Drillers log 0-2900'		shale, as above, possible		in chert
red beds	192	thin strks. dark brown		shale, gray-green & brown
red beds & shells	315	dense limestone.	3214	
Anhydrite, Stone		limestone, dark gray-brown,		limestone, as above
corral electric log	330	dense fossiliferous.	3224	limestone, gray to tan,
shale & shells	1305	shale, gray, green, some		very oolitic & oolitic,
shale & limestone	2740	brown. Tr. fine gray		very good porosity. no
limestone & shale	2840	sand	3233	show
limestone	2900	limestone, as above	3236	limestone, brown-gray,
limestone, white to		shale, as above	3243	dense
light gray, chalky,		limestone, gray to black,		limestone as above,
fossiliferous, chert		to tan & black mottled,		shaly
white to gray, fossilif-		Crinoidal, fossiliferous,		shale, green & brown
erous, Tr. shale green-		black oolites	3259	limestone, as above, some
gray & brown. Sample		limestone tan to brown,		oolites, chert tan subvitr-
log T.D. 2900'	2921	finely crystalline fossil-		eous, opaque to blue-gray
limestone, as above,		iferous	3275	to brown, vitreous trans-
some vugular & pinpoint		shale, gray	3279	lucent
porosity. Some oolites		limestone as above, small		shale, green & brown
No show.	2957	oolites, some gray dense,		limestone, as above, possible
limestone, buff, chert		limestone, strks. gray		tr. porosity, 3456-58'
as above. Some porosity		shale	3300	No Show
Possible tr. dead		limestone, gray dense,		shale, black
stain	2975	chert, gray, opaque,		limestone, tan to gray,
limestone as above, little		vitreous to nonvitreous.		fossiliferous
or no porosity	3003	no show. Possible tr.		limestone, as above, oolitic
limestone, as above fair		pinpoint porosity	3304	fossiliferous. Some vugular
porosity, Possible tr.		limestone, gray, some pin-		& oolitic porosity.
stain	3012	point & vugular porosity		No show
shale, gray	3016	3309-13'. no show	3316	limestone, tan, dense, shaly,
limestone, gray to tan,		shale gray	3319	tr. chert
chert, gray & brown		limestone, as above	3325	limestone, as above, tr. of
mottled, fossili-		shale gray	3328	porosity. no show
ferous	3037	limestone, gray to brown,		shale, black soft, tr. green
shale, soft, black;		very fossiliferous, poss-		& brown shale
brown strk.	3044	ibly oolitic, chert gray to		limestone, tan to brown,
limestone, blue-gray to		dark brown, opaque,		dense, some gray earthy
dark brown,	3047	vitreous.	3342	limestone, fossils & possible
shale, gray-green silty,		limestone as above, good		oolites.
some red brown		interfossil porosity. no		limestone, as above, very
shale	3055	show	3351	good, porosity. Chert, white
limestone, light tan		limestone, gray to brown		to tan, opaque, subvitreous.
dense; to brown		dense, less fossils, much		no show
crystalline	3063	chert; strks shale, green		limestone, gray-brown, dense,
shale, green-gray silty		brown & gray, Possible		tr. gray chert, strks shale,
	3069	porosity 3358-60'. no		green-gray silty
sand green-gray, fine		show	3362	strks limestone as above,
angular, micaceous	3083	limestone, light brown,		& dark gray, soft, silty
shale green-gray	3086	very oolitic. Much chert,		shale
sand as above	3092	very dark brown, black,		limestone, gray to tan dense.
shale as above	3095	gray & tan fossiliferous		some tan crystalline, oolitic
sand, light gray, porous		Good porosity 3364-68'.		limestone, chert, tan, gray,
No show	3128	No show	3368	blue-gray, translucent to
shale, gray, dark gray,		limestone, gray-tan, dense		opaque, Vitreous.
brown, thin strks. sand		some chert as above. Some		shale, black
as above	3157	porosity 3376-88' no		limestone as above
		show	3406	

(Continued)

T.D. 4130'
 (continued from first page)

County Reno

limestone as above,
 chert, gray to salmon,
 some oolites & tr.
 porosity. Tr. of dead
 brown oil stain 3584
 shale, brown 3591
 limestone, tan dense
 fossiliferous, tr.
 oolites & oolitic
 porosity. no show 3600
 shale, gray, soft,
 very silty, some red-maroon
 shale, 3611
 limestone, gray to tan,
 dense, fossiliferous,
 dirty 3619
 shale, red, brown, maroon
 gray, green, variegated,
 some pinkish gray silty
 shale 3633
 limestone, resinous
 brown to tan dense
 some red limestone, some
 fossils & oolites. 3644
 shale, as above 3649
 limestone, as above,
 some gray-green lime-
 stone, possible tr.
 porosity 3652-54.
 no show 3662
 shale, as above 3666
 limestone, gray
 dense 3678
 limestone, gray to
 dark gray to brown
 dense, some silicified
 limestone, some chert
 amber to red trans-
 lucent. 3687
 shale, gray & purple-
 maroon variegated 3702
 chert, tan, brown &
 red, nonvitreous to
 jasperoid, some light
 gray, amber, salmon
 & brown, Tr. vitreous
 oolitic chert
 Conglomerate 3207-38
 3706
 shale, gray, brown, &
 red-brown 3710
 chert as above, much
 white chert, good show
 free oil, no
 odor. 3720
 shale as above 3723
 chert as above
 no show 3732
 shale, maroon, green,
 gray & brown 3738
 Chert, vitreous to
 devitrified. Some flesh
 & citrine chert. fair
 show of free oil. no
 odor 3781
 shale, gray, green-gray,
 olive, tr. brown. Tr.
 slightly sandy shale.
 some very thin strks.
 limestone, tan resinous
 finely crystalline 3785
 limestone, tan to gray,
 mottled, subcrystalline
 to dense 3895

limestone, as above,
 some brown gritty
 dolomite, some tan
 limestone at bott-
 om. 3910
 shale, as above, w/
 sandy shale & strks
 gray sand 3960
 shale as above, thin
 strks, dolomite, dark
 gray-brown. 3990
 shale, as above, w/
 nodules of limestone,
 very weathered, white
 to tan, coarsely
 crystalline 4011
 limestone, white to
 tan to pink, mottled,
 dolomitic. Viola
 4011-26' 4020
 Dolomite, tan finely
 sucrose to finely
 crystalline. limestone
 tan to gray, w/
 included amber sand
 grains. 4026
 shale green to gray-
 green, waxy slightly
 sandy. Simpson 4026-
 4102' 4033
 sand white to gray-
 blue, dolomitic sub-
 angular to sub-
 round. no show 4046
 shale, green,
 sandy 4048
 sand, dirty, dolomitic
 no show 4050
 shale, green to green-
 gray, sandy 4057
 sand, very shaly, no
 show 4072
 shale, gray to green,
 strks sand as
 above. 4086
 shale as above w/strks
 dolomite, buff to red,
 sandy 4102
 Dolomite, tan to buff,
 no show Arbuckle
 4102 T.D. 4108
 Dolomite, as above,
 oolitic, good ooli-
 castic porosity, no
 show 4110
 Dolomite, tan, rhom-
 bohedral; chert amber
 w/white oolites 4112
 Dolomite as above w/
 strks light green
 shale 4114
 Dolomite as above 4117
 Dolomite, cream to
 buff, oolitic, good
 oolitic porosity
 no show 4121
 shale, light
 green 4122
 Dolomite as above,
 some oolitic por-
 osity. 4122-25' no
 show 4130
 Still in
 Arbuckle 4130
 Total Depth

Ran Halliburton Guard Log
 TOPS-
 Topoka (electric) 2711
 Heebner 3037
 Leavenworth 3044
 Snyderville 3047
 Toronto 3055
 Douglas 3063- 3214
 Brown Lansing 3214
 Lansing 3243
 Kansas City 3591
 Base/Kansas City 3600
 Marmaton 3600
 Conglomerate 3702
 (3207-38')

Mississippi 3738
 Kinderhook 3781- 4011
 Viola 4011- 4026
 Simpson 4026- 4102
 Arbuckle 4102

DRILL STEM TESTS

DST #1 3693-3722' good
 show free oil. no odor.
 DST #2 3738-70'
 Perforation 3761-68' 3747-
 54' Acid w/500 gals. mud
 acid. Fract. w/1100# sand
 & 28 bbls oil. Before rec.
 made 4-5 bbls wtr per hr.
 over night fill-up 1600'
 w/salt wtr. Squeezed
 Perf. 3723-30' made 1/2 bbls
 fluid per hr. 50% oil. Acid
 w/500 gals. acid swab &
 flow 12-13 bbls per hr. 75%
 to 80% wtr. squeezed perf.
 w/50 sx con. Perf 3711-15'
 swab 27 bbls fluid. 25%
 30% wtr. over night fill-
 up 900' of fluid. 250'-300'
 wtr, rest oil. Put well
 on pump.

Ran Wellex Gamma Ray-Collar
 Log- all measurements
 corrected to guard log.