G10758 4'4" Mo. Geol. Survey
Permit #20002

LITHOLOGIC LOG

COMPANY Jack B. Smith
WELL #1 Kelley-Rickman Inc.
FIELD Wildcat
COUNTY Andrew STATE Missouri
LOCATION: NW NE Section 6-59N-34W
600' FNL 1980' FEL
CONFIDENTIAL
Other Logs: IES, FDC-GR-DLL
Elevation: KB 1005, DF —, GL 1000
Wellsite Geologists: Tom R. Fleury
Date: Spud: 1-12-71 Completed: —
Depth Drilled: —
Depth Logged: —
Casing: Surf: 8⅝ at 98 Inter: — Prod: —
Depth of Samples: as measured from GL
Type of Mud: —
Type of Gas Detector — None
Comments: Electric log datum is KB

RECEIVED JAN 29 1971 MO. OIL & GAS COUNCIL

Drilling Time — Minutes per 5 feet: 0 5 10 15 20 25 30
Gas Units

Depth	Description
	Clay, bent, w/ qtz grains, red & wh
	Clay as above w/ clay, blue-black, carb
	Sd., fg-cg, glacial, tr. ls. gry, shly
	Ls., gry-buff, v. foss., abund brachs.
	Ls. gry, fn-med xln
	Ls. gry fn xln, foss.
	Sh. lt-med gry, sli micac, pyr
	Sh as above, w/ some Ls. gry, foss, sli shly, tr sh blk
	Sh. maroon, ellipsoidal
100	Ls gry fn, xln
	Sh med gry, sli micac, silty
	Sh gry, sli micac
	Sh gry, micac
	Same
	Same
	Same w/ slst gry, micac
	Sh as above
	Sh med gry, sli micac
	Sh as above w/ Ls. gry to buff, fn xln
200	Ls buff-tan, v. foss, hd.
	Same
	Sh gry
	Sh gry, micac
	Same sli. calc., silty layers
	Sh gry, micac
	Sh med gry, micac, sli silty, calc.
	Sh gry micac.
	Ls. gry, shly
	Sh gry micac, [illegible]
	Ls. gry, foss
300	Ls gry-buff, v. foss, silica filled fossils
	Sh. dk gry to blk
	Ls. gry, foss, shly
	Sh gry, micac
	Ls gry to tan, v fn xln
	Ls tan, v. foss.
	Ls gry to buff, fn xln
	Sh dk gry
	Ls. gry, v fn xln, shly
	Sh gry, calc.
	Ls med gry, v.f. xln shly
400	Sh gry, calc.
	Sh med gry, calc
	Ls gry, v.f. xln, shly
	Ls., gry, f-med xln, foss.
	Ls. buff-wh, fn xln, pyr., foss
	As above, sli foss
	v. foss
	Ls. buff-wh, foss, f. xln
	Ls. gry to buff, foss, f. xln
500	Ls., as above, dense to f xln, chert gry
	Ls buff-wh, f xln
	Sh. blk
	Ls, buff to white, dense to f xln, foss (crin)
	Ls. gry-buff, crin.
	Sh. dk gry
	Ls. gry to buff, dense to f. xln
	[illegible] carb rem
	Sh. gry, v.f. micac
	Slst, vfg, gry
	Slst. gry, fg, micac
	Sh. gry, silty, pyr.
600	Sh gry, silty, micac
	Ls red to gry, dense, foss
	Sh gry-grn
	Ls gry to tan fn xln
	Sh. gry with ls nodules
	Sh. gry, v.f. micac
	Sh. gry to gry-grn tr ls. tan, crin, glauc.
	Sh gry-grn, tr. ls. int., gry, glauc., crin
	Ls. tan to buff, dense to f. xln
	Ls., buff-wh, v.f. to f. xln
	Sh. gry-grn Ls buff-wh, f. xln
	Sh. red-brn
	Ls buff, f. xln
700	Ss, gry, amber mica, poor sort.
	Sh dk gry to blk
	Ls. gry, dense glauc.
	Ls. buff-wh. crin, glauc. sh. gry-grn
	Sh. gry to gry-grn
	Ls. buff, dense, Ls gry pyr.
	Sh gry to blk
	Sh blk, carb, tr. coal
	Sh. gry-grn, micac, silty
	Sh. gry, micac, silty in part
	Sh. gry to gry-grn, silty
800	Sh. gry, f. micac
	Sh dk gry micac silty
	Sh. gry to dk gry silty
	Ls. gry, f-med xln
	Sh. gry to gry-grn
	Ls. tan dense
	Sh. blk carb, tr. Ls gry f xln
	Ls. gry dnse
	Sh. gry to gry-grn, silty, micac
	Sh gry & slst gry, micac.
	Sh. dk gry to blk
	Slst gry micac., tr. ss, gry, fg, micac
900	Sh. gry, silty, micac
	Sh, gry, vfg, micac, shly
	Sh. dk gry to blk
	Sh. gry-grn tr. coal
	Ls. gry to buff, foss, f. xln, sh dk gry
	Sh. dk gry to blk, pyr
	Sh. gry-grn & sh as above hd., pyr.
	Sh. gry to gry-grn w/ float qtz grns, slst gry, micac
	Sh gry, slst gry-grn, micac.
	Slst gry & sh gry-grn
1000	Ss, fg, gry, to vfg, sli micac, good poros.
	Ss gry, f-med grn, ang., f. sort, tr Ls gry dense
	Ss as above
	Ss, mg, gry, good poros, pyr.
	As above
	" " v. pyr., siderite, brn, tr sh. brn
	Ss., gry, med. grn, v. ang., poor sort, harder, tight
	Ls. tan dense
	Ss, gry, pyr., mg, good poros, sid. brn
	Ss gry, mg, well sort, pyr., excell poros.
1100	Sh. dk gry to blk, pyr., silty, ss. as abv
	Sh. as above
	Sh blk, tr coal, Ls. tan dense
	Ss gry, fg, pyr, tr sh. blk
	Ss. dk gry, shly, sh dk gry, pyr.
	Sh dk gry, silty, pyr.
	Sh gry-grn to dk gry, silty
	Sh. dk gry, micac.
	Sh dk gry to blk, slst gry, micac
1200	Ss gry, fg-vfg, micac, sh gry-grn
	Ss gry, fg, micac, sh. gry-grn
	Ss as above
	Sh. gry-grn, plant rem, to sh. dk gry, micac, silty
	Ss. gry, fg, pyr., well sorted, sh gry-grn to blk
	Ss gry, fg, friable, v. pyr. w/ sh " "
	Sh. tan to gry silty, siltst, tan shly, pyr.
	Sh gry-grn to dk gry, pyr. some slst gry
	Sh gry-grn to dk gry, silty
1300	Sh dk gry to blk, v. silty w/ slst gry
	Ss, gry, vfg, w/ sh dk gry to blk, v. silty
	Sh gry to dk gry
	Sh dk gry, pyr.
	Ls, tan, dense w/ chert drmc
	Sh dk gry
	Ls, wh, dense to v.f. xln
	Ss, gry, fg
	Ss. gry, vfg-fg, hard, well cem.
	Ss gry, fg
1400	Sh, lt grn to gry
	Ss, gry, fg, calc. cement, sh. gry, lt grn, brn
	Ss., gry, med grained, pyr., friable
	Ls. tan to gry, dense to f. xln, chert gry & wh
	Ss, gry, fg, calc. cement & Ls. sdy
	Ls tan, dense to f. xln
1500	