

SW SE SE
13-19E-2dac

& Core

Sample _____ log of test hole _____

augered drilled

(Well No.)

University farm 50' E of small draw 115' So of south fence to Fish farm

in SW, NE, SE, sec. 2 - T. 13 S., R. 19 E.

(Location)

Driller: Les Revis - Geologist: C.K. Bayne

1-21-64

(Date)

; depth to water, _____

feet;

altitude of land surface 900 + _____ feet.

Sp Cap .68 gal/ft/dd

S.L. 105.5' pumping 15 GPM 3 hrs.

Water level 1-22-64 - 8.2 feet

(Cased out upper 40 feet W.L. 84' below LSD 2-5-64)

	Thickness, feet	Depth, feet
silt - dark gray to brown	5	5
clay - tan brown contains some sd &	3	8
clay - tan and gray green	9	17
clay - gray & brown contains some gvl coarse	10	27
shale - gray green, weathered contains v.f. sol.	2	29
shale - gray, v.f. sdy. carbonations material	11	40
shale - blue gray, v.f. sdy - soft streaks	10	50
shale - do	10	60
shale - do, less sandy	10	70
shale - do	10	80
shale - do, siltstone streaks .2 thick at 82-84 feet; 0.2 SS at 88 feet	10	90
Limestone - (Haskell) 1f gray hard	4.1	94.1
shale - gray very sdy fine	.9	95

(1964)?
start coring (Jan. 22, 1963 8 a.m.)

SS	Core 95-100	Recovery 4.3'
SS	Core 100-110	Recovery 10
SS	Core 110-120	Recovery 10 6" coal 115 to 115 ⁵
SS	Core 120-125	Recovery 2.5'
	Core 125-135	Recovery 5'
SS	Core 135-145	rough siltstone 135.5 to 135.8 8' Recovery
SS	Core 145-155	coal soft (coal?) 148.9 to 151.4 Recovery 7.2 feet Recovered 1' coal

13-19E-2dac Sample & Core log of test hole augered drilled
(Well No.)

in (Location)

; depth to water, feet;
(Date)
altitude of land surface feet.

Water Level 12 feet 8 a.m. 1-23-64

	Thickness, feet	Depth, feet
Core 155 - 165 sh	rough S.S. zone 157-157.5	10' Recovery
Core 165-175 SS	Recovery	8.4 feet
Core 175-185 SS	Recovery	9.9 feet
Core 185-195 SS	Recovery	10 feet
Core 195-205 SS	Recovery	8 feet
Jan. 23 8 a.m. Core 205-215 SS	Recovery	10 feet
Core 215-225 SS	Recovery 8.2 feet	1.8 loss near 6.5 to 8.3
Core 225-235 SS to 234.7 LS from 234.7	Recovery	10 feet
Core 235-245 SS & coal streaks to 244 LS 244-245	Recovery	4.6 feet
245-250 LS Very Rough Drilling 4.6' Recovery Bit cutting in joint on one side.		
1-24-64 1 p.m. W.L.	12.6 feet below top of drill casing	1' above LS

89% Recovery from coring

Hole #2 20 feet SW of hole #1 Top of Stanton 244

Cored to Haskell Base of Stanton 259

No Haskell recovery 2' thick + Bottom hole 260