IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey
RECORD OF WELL
Location:
Town: Gilman (NE): County Marshall
SE NWWsec. 24 T 82 N., R. 17 W. Twp.
Well name and number Culman, Townwell (1952)
Owner Town of alman Address
TenantAddress
Contractor Layne Western Address
Drillers
Drilling dates 3/6/52 - 3/26/52
Well data:
Elevations: Drilling curb feet; Land surface feet
Determined by
Topographic position
Total depth: Reported 57/2 feet, Measuredfeet
Drilling method Clam bucket inside cy
Hole and casing data 15 of #5 living men. and
packed with per gravel \$ 5'above series, 22'd
"buck that" gravel; cemented at top
it all all the top and the
Nore - samples Collected from ally on
Tound, deaths I only -see sillers log
Fround, sepths I only -see suller's log
above.
Original depth to water 3.3 ft. below ty cy Date 3/3/1/52
Original depth to water 3.3 ft. below ty cy Date 3/3/1/52

Static depth to water	Measur at	ing point 6	g.p.m.	after yohne
Specific capacity	emperature	rature°F		
Pump data: Type pump Cylinder or bowls: Dia.	Column Dia.	L. Su	ength	
Power				
Estimated rate of production	A REAL PROPERTY OF A READ REAL PROPERTY OF A REAL P			s. a day
Use of water				
	WATER ANALYSES	(in parts per	million)	
Date samples				
Sampled by	an and a second			
Total solids				gan i a thairte
Insoluble matter	and and the second			
Alkalinity (Meo)				
Alkalinity (Phn)				a ser an an
рН				
<sup>Fe</sup> 2 <sup>0</sup> 3 <sup>+Mn</sup> 2 <sup>0</sup> 3 <sup>+A1</sup> 2 <sup>0</sup> 3 Alkali as sodium				
	· · · · · · · · · · · · · · · · · · ·			
Calcium	-			
Magnesium Iron (unfiltered)				-
Manganese	·			
Nitrate	- · · · · · · · · · · · · · · · · · · ·			
Fluoride	-		* -	
Chloride		and the second second		- Andrew -
	-	-		
Sulfate Bicarbonate				
	· · · · · · · · · · · · · · · · · · ·			•
Hardness (ppm)				- Angel
Hardness (gpg)		-		
Remarks	1	in the second		
Laboratory data:		Sample store	age location	
Sample range 0-57 No		No. dupla	s. & Cond. 8	Foor
Spls. prepared by Nelson Wa	ashed range		by Berk	
Driller's log and cond.	d br	Ctudial he	Ctain	107
Insoluble residues: Prepare		Studied by	Strip	108
Microscopic study		strip log	holping	find the second

## IOWA GEOLOGIJAL SURVEY Iowa City, Iowa

		Well	Log Record					
Well name and number	Gil	nanl	Town Town alma	county/	Marshall			
Owner of well	¥		Address					
Tenant								
Location_ <u>SEAWAW</u> sec14, T.82 N., R.17 WTwp.								
Curb elevation ft. depth ft. depth ft.								
Static level: (Depth to water above curb) 3.3 ft. level 11 ft. at 35 g.m. 4 hr								
Contractor Layne Western Date drilled 3/6/52-3/26/52								
Description*	FEE Thick Fro	and the second se	Description*	FEET Thick From	To			
Soil	0	7	Gray &d aray, day, small	321/2	35			
Yel + 1ft. Blue clay	, ,	7 10	boulders, very hard	321/2	35			
Clay Bl yel Green	~ 10	13	Enyld, gravel day,					
Sdyllueclay	1	3 16	boulders, packed	35	40			
Creesd & Grav	16	27	Ory gr sand, grovel-pr	ached for yo	47			
with day			Loose, very coarse grou	el,				
Fine pack gr.s.	l. 2	7 30	Blire day calls, feng	Jouldery 47	50			
Bhy Clay crise bou	ulders 3	0 31	as above with few days	balls 50	57			
Gray Id grav, C	laya		Blue grayshale hard	57	-			
boulders, very.	hand 31	32 1/2						
*Abbreviate descriptions: use one line for each formation								
Remarks on water zone	es and cas	ings 15	of #5 bronze.	Suren				
Pea graveli	F5 al	we se	rea (20'), 22'd	"Luck 1	chop"			
gravel on to	p y z	The c	emented above	gravel				
$T = 49^{\circ} E$								
Temperature: Air	•F.	, Water_	49 °F. at P.M. 3/31/	52	19			
Record obtained from dille Recorded by RM								
				(				