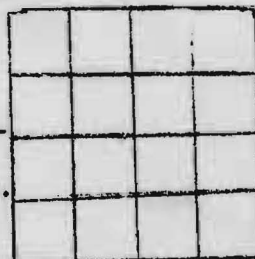


IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey
RECORD OF WELL

Location:

Town: Melcher (NE) County Marion
W1/4 sec. 36 T. 7A N, R. 20 (W) Twp.



Well name and number C-8

Owner UQMC Address Salt Lake City Utah

Tenant _____ Address _____

Contractor LATTA & SONS Address RIVERSIDE, IOWA

Drillers _____

Drilling dates 1962

Well data:
Altitudes: Drilling curb _____ feet; Land surface _____ feet

Determined by _____

Topographic position _____

Total depth: Reported _____ feet; Measured _____ feet

Drilling method _____

Hole and casing data _____

Original depth to water _____ ft. above _____ below _____ Date _____

Source of data _____

Sources of water: Principal _____

Others _____

PRODUCTION DATA

Date _____

Static water level _____

Pumping water level _____

Yield (g.p.m.) _____

Measuring point _____

Duration of pumping _____

Specific capacity _____

LABORATORY DATA

TL4-664

Well No. W14154 Sample range 0-165 No. of samples 33

No. of dupls. and cond. 33 Fair Washed range —

Samples prepared by Larry Pabst Date 2/6/63

Logged by NORTHUP Date 2/18/63

Correlations by _____ Date 2/18/63

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DRILLER'S NOTEBOOK

WELL RECORD

DRILLER.....

ADDRESS.....

OWNER *UCMC*.....

ADDRESS *Salt Lake City, Utah*.....

RETURN TO
IOWA GEOLOGICAL SURVEY
IOWA CITY, IOWA

WHEN RECORD IS COMPLETED PUT IN ENVELOPE AND MAIL TO

THE DIRECTOR

IOWA GEOLOGICAL SURVEY

IOWA CITY, IOWA

Sample No.	DEPTH		THICKNESS
	From	To	
1	0	5	
2	5	10	
3	10	15	
4	15	20	
5	20	25	
6	25	30	
7	30	35	
8	35	40	
9	40	49	
10	49	50	48-49
11	50	55	
12	55	60	
13	60	65	
14	65	70	18"
15	70	75	
16	75	80	Amo clay
17	80	85	

DESCRIPTION OF BEDS	
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.	
1	fine yellow clay
2	" "
3	B LIGHT " "
4	" " " "
5	Reddish Clay
6	LIGHT Green Clay
7	" " "
8	" " Trace Carbon
9	Carbon Trace
10	Coal ^{Red} gray Clay (6")
11	hard stony green
12	vet & hard stringer
13	Carbon Black
14	Coal 65-66 1/2
15	70-71 1/2 Coal gray
16	sandstone gray green
17	Red Rock

Sample No.	DEPTH		THICKNESS
	From	To	
19	85	90	
19	90	95	
20	95	100	
21	100	105	
22	105	110	
23	110	115	"Darkness"
24	115	120	
25	120	125	
26	125	130	
27	130	135	
28	135	140	
27	140	145	
30	145	150	
31	150	160	
32	160	165	
33	165	170	
34	170	175	

DESCRIPTION OF BEDS	
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.	
85-84	Coarse pink Clay
	greenish Clay
	gray blue Clay
	gray Clay
	Carbon Trags
	" " " " " " " " " " " "
	" " " " " " " " " " " "
	Carbon
	" "
	Coal 3' 133-136
	gray Carbon
	VERY hard streaks
	Sandstone
	SILTSTONE light gray
	" "