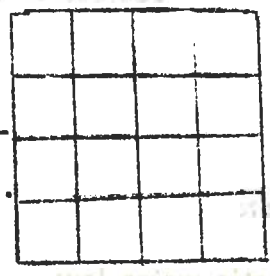


The field loc. by L. FISHER

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

Location: 3 1/2 m S. 1/2 m W.

Town: SAC CITY (NE) (SW) County SAC



NE NE SE NE sec. 10 T. 87 N., R. 36 (W) Twp.

Well name and number _____

Owner LVERN CARLSON Address _____

Tenant _____ Address _____

Contractor M. F. MERKLEY Address SCHALLER, IOWA

Drillers _____

Drilling dates 10/17/61 - 10/21/61

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

Topo Elev. = 1240'

Determined by _____

Topographic position _____

Total depth: Reported 309 feet; Measured _____ feet

Drilling method ROTARY

Hole and casing data 284' of 4" PIPE 25' of 3 7/8" open hole.

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

Source of data _____

Sources of water: Principal 284'-309'

Others _____

PRODUCTION DATA

Date _____

Static water level 76

Pumping water level 76'

Yield (g.p.m.) 0.5 g.p.m.

Measuring point _____

Duration of pumping _____

Specific capacity _____

LABORATORY DATA

Well No. W 13582 Sample range 0-309 No. of samples 63

No. of dupls. and cond. 63; Good Washed range 175-309'

Samples prepared by D. Mambro Date 7/10/62

Logged by NANTHUP Date 12/9/69

Correlations by _____ Date 12/9/69

DRILLER'S NOTEBOOK

WELL RECORD

DRILLER Bob WINKLER

ADDRESS SCHALLER IA

OWNER LUVERN CARLSON

ADDRESS SAC CITY IA

RETURN TO
IOWA GEOLOGICAL SURVEY
IOWA CITY, IOWA

WELL RECORD

Well is located 3 1/2 miles S and 2 miles S from
W W

SAC CITY in SAC,
(Nearest Town) (County)

in the SE 1/4 NE 1/4 Sec. 10 T. 87 R. 36 W

Owner LUVERN CARLSON Well No. _____

Postoffice address SAC CITY, IA

Contractor M.F. MERKLEY

Address SCHALLER, IA

Driller Bob WINKLER

Well begun 10-17-, 1961;

completed 10-21-, 1961

Rig used—Cable, Rotary, Jet, or _____

Depth of well 309'
(Feet)

Size of hole (note total amount of each size) 284' OF

4" PIPE 25' OF 3 1/2" OPEX HOLE

Main water supply at 284' TO 309'
(Feet below surface)

Final water head 76'
(Feet above or below surface)

Is well pumped? BAILED

Yield 10
(Gallons per minute)

Water level when pumping 76'

Position of well Upland valley, side hill, etc.)

Sample No.	DEPTH		THICKNESS
	From	To	
	0	2	2
	2	14	12
	14	16	2
	16	75	59
	75	80	5
	80	115	35
	115	135	20
	135	160	25
	160	165	5
	165	175	10
	175	185	10
	185	220	35
	220	225	5
	225	230	5
	230	235	5
	235	240	5
	240	245	5

DESCRIPTION OF BEDS	
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.	
TOP SOIL	
GRAVEL	
YELLOW CLAY	
BLUE CLAY	
YELLOW CLAY	
BLUE CLAY	
GRAY CLAY	
SANDY CLAY	
SAND	
SANDY SHALE	
GRAY SHALE	
RED SHALE	
GRAY SHALE	
RED SHALE	
WHITE SHALE	
GRAY SHALE	
RED SHALE	

