7897

MASTER CARD - A

9-26-69
RP 1-26-73

STATE	COUNTY	LATITUDE DEG.	LATITUDE MIN	LATITUDE SEC	N or S	LONGITUDE DEG.	LONGITUDE MIN	LONGITUDE SEC.	SEQ NO
1 2	3 4	5 6	7 8	9 10	11	12 13 14	15 16	17 18	19
19	50	41	31	18	N	093	06	55	1

WELL SCHEDULE

US GEOLOGICAL SURVEY

IOWA DISTRICT WRD

WELL NO 078-20W-36 BBA CO JASPER

OWNER Monroe City well #5 ADDRESS Monroe

DRILLER _____ DATE DRLD May 31-June 6, 1956

MAP _____

SOURCE OF DATA 7.1/5

DESCRIPTION M. P. LSD FEET (ABOVE) (BELOW) LSD _____

CONTINUED FROM ABOVE	ACCURACY	LOCAL WELL NUMBER T	R	E/W	SEC.	QUARTERS	LOCAL USE W-NUMBER	OPTIONAL	OWNER OR NAME	OWNERSHIP	WATER USE	WELL USE	WELL DATA	FREQ. W/L	FIELD CHAR.	HYD LAB	QW-DATA	QW-FREQ.	PUMPAGE	APERTURE	LOG DATA	CARD DESIG.
	20	21 22 23	24 25	26	27 28	29 30 31 32 33 34	35 36 37 38 39	40 41 42 43 44 45 46 47 48 49 50 51	52 53 54 55 56 57 58 59 60 61 62 63 64 65 66	67	68	69	70	71	72	73	74	75	76	77	78 79	80
		078	20W	36	BBA		07897	1 5 6 C I T Y 5	MUNRO	MP	W	1	0			CI	I			G	A

WELL-DESCRIPTION CARD - B

DUPLICATE CARD A CC 1-19	DEPTH OF WELL	ACCURACY	DEPTH CASED OR FIRST PERF.	DIAM. INCHES	WELL FINISH METH DRILLED	YEAR DRILLED	PUMP SETTING	METH. LIFT	DEEP SHALLOW	POWER	ALTITUDE OF LSD (FEET)	ACCURACY	WATER LEVEL (FEET)	ACCURACY	DATE MONTH	DATE YEAR	YIELD OF WELL (GPM)	METH. DET.	DRAW-DOWN (FEET)	ACCURACY	PUMPING PERIOD (HOURS)	QUALITY OF WATER IRON	SULF	CHLOR	HARD	SP COND.	TEMP	DATE SAMPLED	CARD DESIG.
	20 21 22 23	24	25 26 27 28	29 30	31	32 33 34 35	36 37 38	39	40	41	42 43 44 45 46	47	48 49 50 51	52	53 54 55		56 57 58 59 60	61	62 63 64	65	66 67 68	69	70	71	72	73	74 75 76	77 78 79	80
		3053		176	1	X	1956				8917		133	D	6556		17		179										B

HYDROGEOLOGIC CARD - C

DUPLICATE CARD A CC 1-19	PHYS-IOG-RAPHY PROV.	PHYS-IOG-RAPHY SEC.	DRAINAGE BASIN	SUBBASIN	TOPO SETTING	MAJOR AQUIFER SYSTEM	SERIES USGS	SERIES IGS	UNIT	LITH-OLOGY	ORIG	THICK-NESS	LENGTH WELL OPEN TO	DEPTH TO TOP OF	MINOR AQUIFER SYSTEM	SERIES USGS	SERIES IGS	UNIT	LITH-OLOGY	ORIG	THICK-NESS	LENGTH WELL OPEN TO	DEPTH TO TOP OF	DEPTH TO CONSOLI-DATED ROCK	SOURCE	DEPTH TO BASEMENT	SOURCE	SURF. MAT. LITH-OLOGY	SURF. MAT. INFIL.	COEF. TRAN. SIG FIG	COEF. TRAN. XIO	COEF. STOR. SIG FIG	COEF. STOR. XIO-	GEOL. CARDS CARD DESIG.
	20 21	22	23 24 25	26	27	28	29	30	31	32 33	34	35 36 37	38 39 40	41 42 43	44	45	46	47	48 49	50	51 52 53	54 55 56	57 58 59	60 61 62 63	64	65 66 67 68	69	70 71	72	73 74	75	76 77	78	79	80
	1	2	C	25	C	U	2	D	X	V	6		129	133										50	C			Q	2						C

CASING AND SCREEN (SIZE, TYPE, INTERVALS):

16" PIPE -> 38'

12" " -> 70

10" " -> 176

DRIG 135.6 OF 5½ PIPE 0-135.6

CODED BY SAMUEL WHITESP DATE 2-27-74

PUNCHED BY _____ DATE _____

VERIFIED BY _____ DATE _____

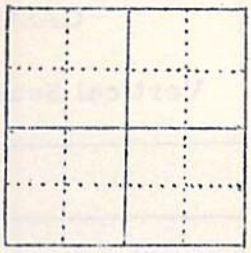
SKETCH ON REVERSE: YES _____ NO _____



WELL NO 078-20W-36 BBA

W 7897

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



Location:

Town: Monroe (N E) (S W) :County Jasper

~~B.~~

_____ sec. 36 T. 78 N., R. 20 W. _____ Twp.

Well name and number _____

Owner City of Monroe Address Monroe, Ia.

Tenant _____ Address _____

Contractor Art Bruinekool Address Pella, Ia.

Drillers Art Bruinekool

Drilling dates May 31 - June 5, 1956

Well data:

Altitudes: Drilling curb _____ feet; Land surface _____ feet

Determined by _____

Topographic position _____

Total depth: Reported 305 feet, Measured _____ feet

Drilling method Cable Tools

Hole and casing data 135.6' of 5½" 9# pipe set at 135.6'
This hole to be enlarged to 16" pipe to 38',
12" pipe to 70', & 10" pipe to 176.

Original depth to water 133 ft. ~~above~~ below _____ Date _____

Source of data _____

Sources of water: Principal _____

Others _____

Production Data

Date				
Static water level	133			
Measuring point				
Pumping water level	150			
Yield (g. p. m.)	17			
Duration of pumping				
Specific capacity				

Pump Data

Type pump _____ Column diameter and length _____

Cylinder or bowls diameter and length _____

Suction pipe _____ Airline _____

Power _____ Production _____ g. p. m. for _____ hours per day

Use of water _____

Dissolved constituents and properties (in parts per million except as indicated)

Date sampled				
Sampled by				
Silica (SiO_2)				
Iron (Fe)				
Manganese (Mn)				
Calcium (Ca)				
Magnesium (Mg)				
Potassium (K)				
Sodium (Na)				
Carbonate (CO_3)				
Bicarbonate (HCO_3)				
Sulfate (SO_4)				
Chloride (Cl)				
Fluoride (F)				
Nitrate (NO_3)				
Dissolved solids				
Hardness (as $CaCO_3$)				
Total				
Grains per gallon				
Noncarbonate				
Alkalinity (as $CaCO_3$)				
pH				
Specific conductance (micromhos at 25°C)				
Temperature (°F)				
Analysis No.				

Laboratory Data EKZ-10

Well No. W 7897 Sample range 0-305 No. of samples 58

No. of dupls. and cond. 58 Good Washed range 50-305

Samples prepared by Darland Date 8/14/56

Logged by Northup Date 12/6/56

Correlations by " Date 12/6/56