

WELL STATION IDENTIFICATION

FORM RP-37 - Rev. 10/78

PAGE 1 OF 2

(COMPLETE THIS FORM ONLY FOR THE INITIAL SURVEY OF EACH WELL)

WELL LOCATION CARD ONE

1		10		16		20		37		54		57		59		63		66		68		71	
STATION	SURVEY	YR	CARD	WELL NO.				COUNTY	LAT	LAT	LAT	LO	LO	LO	DEG	MIN	SEC	DEG	MIN	SEC	DEG	MIN	SEC
I. D.	DATE	C							DEG	MIN	SEC	DEG	MIN	SEC	DEG	MIN	SEC	DEG	MIN	SEC	DEG	MIN	SEC
085000045	122079		W11	MF-27				MARTIN	027	10	25	080	12	55									

WELL LOCATION CARD TWO

1		17		20		37		39		42		45		61	
STATION	SURVEY	YR	CARD	QUARTERSECTIONS				SEC	TOWN-	WATER MANAGEMENT DISTRICT		PLANNING AREA			
I. D.	DATE	C							SHIP	RANGE					
			W12	1/4; NE 1/4; NW 1/4				1438	S41	EUPPER		EAST COAST			

WELL DATUM CARD

1		17		20		26		32		38		44		59	
STATION	SURVEY	YR	CARD	KELLY BUSH-	LAND SUR-	TOP OF	OTHER (FT)	DATUM (CHECK ONE)							
I. D.	DATE	C		ING (FEET)	FACE (FT)	CASING (FT)	(SEE NOTES)								
			W21			150.0		MSL-X; LS-; TOC-							

WELL OWNERSHIP CARD

1		17		20		37		54		57		64		80	
STATION	SURVEY	YR	CARD	NAME OF OWNER				GROVE/PROPERTY NAME				AREA	TELEPHONE	WELL USE	
I. D.	DATE	C										CODE			
			W31	MARTIN COUNTY				COUNTRY CLUB						IRRIGATION	

WELL ORIGIN CARD

1		17		20		37		54		71		76	
STATION	SURVEY	YR	CARD	DRILLER/ DRILLING COMPANY				OFFICE OF DRILLER (CITY)				DRILLING	DATE
I. D.	DATE	C										METHOD	COMPLETED
			W41	DONG ARNOLD				STUART				ROTARY	

NOTES: COLUMNS 1-16 ARE DUPLICATED IN EACH CARD.
 COLUMN 16 IS AN ACTION CODE WITH THE FOLLOWING PERMISSABLE STATES - 1 (CREATE NEW RECORD),
 2 (CHANGE ALL VALUES), OR 9 (DELETE OLD RECORD).

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WELL STATION IDENTIFICATION

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(COMPLETE THIS FORM ONLY FOR THE INITIAL SURVEY OF EACH WELL)

WELL DESCRIPTION - CONSTRUCTION CARD ONE

1	10	16	20	27	34	41	48	54	59	68
STATION I. D.	SURVEY DATE	CARD C	TOTAL DEPTH -DRILLER (FT)	TOTAL DEPTH -LOGGER (FT)	CASING DEPTH -DRILLER (FT)	CASING DEPTH -LOGGER (FT)	CASING I.D. (INCHES)	BIT SIZE (INCHES)	DRILLER LOG AVAIL.	
085000045	188079	W5.1		99.1		608	7.8		YES-X:NO-	

WELL DESCRIPTION - CONSTRUCTION CARD TWO

1	17	20	37	54	59	64	69	73
STATION I. D.	SURVEY DATE	CARD C	TYPE OF SCREEN	TYPE OF PACKING	DIA. OF SCREEN	SLOT SIZE (INCHES)	SCREEN BEGINS	SCREEN ENDS (FT)
		W5.2	OPEN HOLE	NONE				

WELL DESCRIPTION - CONFIGURATION CARD, SECTION ONE (TOP)

1	17	20	22	39	44	49	54	59	75
STATION I. D.	SURVEY DATE	CARD C	SEC	TYPE OF CASING	NOM. DIA. (INCHES)	BEGIN DEPTH	END DEPTH (FEET)	THICKNESS (INCHES)	TYPE OF ANNULUS FILL
		W6.1	0	STEEL	8.0	0	608	0.2	

WELL DESCRIPTION - CONFIGURATION CARD, SECTION TWO

1	17	20	22	39	44	49	54	59	75
STATION I. D.	SURVEY DATE	CARD C	SEC	TYPE OF CASING	NOM. DIA. (INCHES)	BEGIN DEPTH	END DEPTH (FEET)	THICKNESS (INCHES)	TYPE OF ANNULUS FILL
		W6.2	02						

WELL DESCRIPTION - CONFIGURATION CARD, SECTION THREE

1	17	20	22	39	44	49	54	59	75
STATION I. D.	SURVEY DATE	CARD C	SEC	TYPE OF CASING	NOM. DIA. (INCHES)	BEGIN DEPTH	END DEPTH (FEET)	THICKNESS (INCHES)	TYPE OF ANNULUS FILL
		W6.3	03						

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 COLUMN 16 IS AN ACTION CODE WITH THE FOLLOWING PERMISSABLE STATES - 1 (CREATE NEW RECORD),
 2 (CHANGE ALL VALUES), OR 9 (DELETE OLD RECORD).
 CARD TYPES <W64>, <W65>, <W69> MAY ALSO BE USED TO PROVIDE DATA FOR A TOTAL OF NINE SECTIONS.

WELL SURVEY REPORT

FORM RP-39 -- Rev. 10/78

(USE ONE FORM/DAY/WELL)

SURVEY CARD

1	10	16	20	37	54	56	58	60	62	64	66	68	70	72										
STATION I. D.	SURVEY DATE	CARD C	LOGGED BY	WITNESSED BY	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
085000045	1220	W71	M. P. BROWN	P. DAUENHAEUER	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

*INSERT AN <X> IN EACH COLUMN FOR WHICH A SURVEY WAS CONDUCTED. SURVEY CODES ARE LISTED BELOW:

A = CALIPER	F = NATURAL GAMMA	K = TEMPERATURE GRADIENT
B = FLOWMETER	G = FLUID RESISTIVITY	L = DELTA TEMPERATURE
C = 16-INCH NORMAL RESISTIVITY	H = GAMMA GAMMA DENSITY	M = SPONTANEOUS POTENTIAL
D = 64-INCH NORMAL RESISTIVITY	I = CASING COLLAR LOCATOR	N = POINT RESISTANCE
E = NEUTRON POROSITY	J = FLUID SAMPLER	O = 6-FOOT LATERAL RESISTIVITY

FLUID QUALITY CARD ONE

1	17	20	37	54	60	63
STATION I. D.	SURVEY DATE	CARD C	SAMPLE SOURCE (WELLHEAD, ETC.)	TYPE FLUID	DATE SAMPLED	TIME SAMPLED
		W81	WELLHEAD	FORMATION WATER	122079	1300

FLUID QUALITY CARD TWO

1	17	20	25	32	35	41	47	53	60	64	70	75
STATION I. D.	SURVEY DATE	CARD C	TEMP. OF SAMPLE	FIELD SP. GRAVITY	FIELD PH	CHLORIDE (MG/L)	DISSOLVED SOLIDS	SPEC. COND. (U-MHO/CM)	STATIC WATER LEVEL (FEET)	W/L REF FROM	FLOW RATE (GAL/MIN)	PUMP RATE (GAL/MIN)
		W82	75.20	F				1180				

COMMENT CARDS

1	17	20	40	60	76
STATION I. D.	SURVEY DATE	CARD C	COMMENTS - LINE 1	COMMENTS - LINE 2	COMMENTS - LINE 3
		W91	NO NEUTRON	PINCH-IN AT 693 FT	

1	17	20	40	60	76
STATION I. D.	SURVEY DATE	CARD C	COMMENTS - LINE 4	COMMENTS - LINE 5	COMMENTS - LINE 6
		W92			

NOTES: COLUMNS 1-16 ARE DUPLICATED IN EACH CARD.
 COLUMN 16 IS AN ACTION CODE WITH THE FOLLOWING PERMISSABLE STATES - 1 (CREATE NEW RECORD),
 2 (CHANGE ALL VALUES), OR 9 (DELETE OLD RECORD).
 CARD TYPES <W93>, <W94>, <W99> MAY ALSO BE USED TO PROVIDE UP TO A TOTAL OF TWENTY-SEVEN COMMENT LINES.



WELL LOG

WELL LOCATION

County MARTIN
 Station I. D. 085000045
 Date 12-20-79 Well No. MF-27
 Latitude 027° 10' 25" Longitude 080° 12' 55"
NE 1/4 NW 1/4 Section 14 Township 38S Range 41E
 Owner MARTIN Co. Golf Country Club Phone _____
 Driller Doug Arnold Date Drilled _____
 WELL CONSTRUCTION
 Drilling Method: Rot. Air CT Auger Other _____
 T. Depth - Driller _____ T. Depth - Logger 991'
 Casing Depth Driller _____ Casing Depth Logger 608'
 Bit Size _____ Casing Dia. I.D. 8.00"
 Hole Dia. _____ From _____ To _____ Dia. _____ From _____ To _____
 Type of Casing STEEL Casing Thickness _____
 Type of Screen Open Hole Screen Int. From _____ To _____
 Type of Packing _____ Well Use Irrigation
 Static Water Level _____ Date _____
 Yield Flow Pump _____

DATUM

K.B. _____ L.S. _____ T.O.C. 15' msl

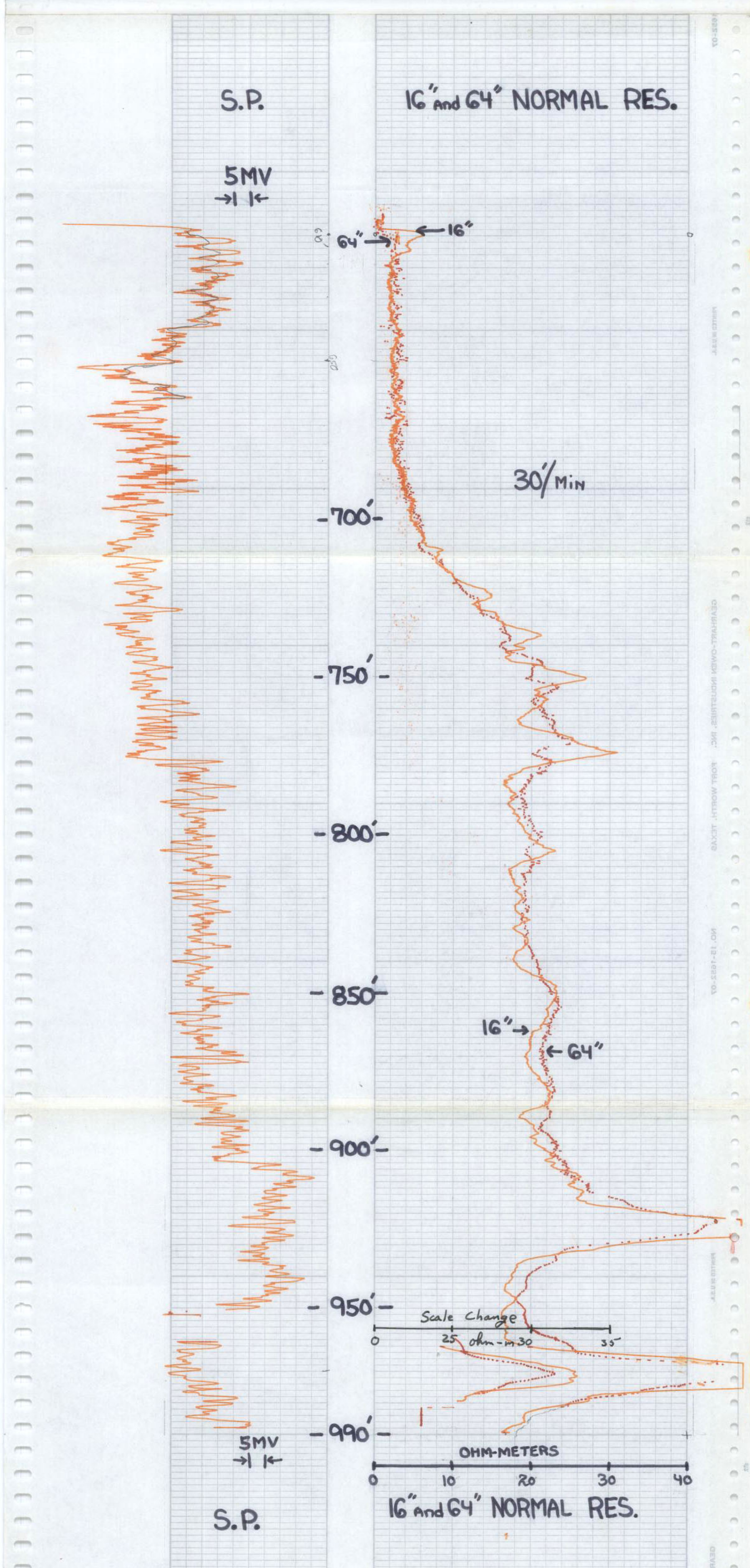
FLUID QUALITY

Date _____ Time _____ Source of Sample Wellhead
 Cl _____ mg/l Type of Fluid Water
 Temp. 75.2° F Field Density _____ @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 1180 umhos/cm
 Logged By: M.P. Brown Witnessed By: P. Davenport

Comments: Near Water Pump A/c on S.P. Log;
Ran Caliper with T.C. = .01; no NEURAW
Due to PINCH IN AT 693'

TYPE OF SURVEYS RUN

- | | | | |
|-------------------|-----|---------------|-----|
| Lateral 6' | (x) | Density | () |
| Caliper | (x) | ccf | () |
| Flow meter | (x) | Fluid Sampler | () |
| 16", 64" normals | (x) | Temperature | () |
| Neutron | () | Delta Temp. | () |
| Natural Gamma | (x) | SP | (x) |
| Fluid Resistivity | (x) | | |





WELL LOG

WELL LOCATION

County MARTIN
 Station I. D. 085000045
 Date 12-20-79 Well No. MF-27
 Latitude 027° 10' 25" Longitude 080° 12' 55"
 Section NE 1/4 Township 38S Range 41E
 Owner MARTIN G. GALT Phone _____
 County CLUB Driller Doug Arnold Date Drilled _____
 WELL CONSTRUCTION
 Drilling Method: Rot. Air CT Auger Other _____
 T. Depth - Driller _____ T. Depth - Logger 991'
 Casing Depth Driller _____ Casing Depth Logger 608'
 Bit Size _____ Casing Dia. I.D. 8.00"
 Hole Dia. _____ From _____ To _____ Dia. _____ From _____ To _____
 Type of Casing STEEL Casing Thickness _____
 Type of Screen Open Hole Screen Int. From _____ To _____
 Type of Packing _____ Well Use Irrigation
 Static Water Level _____ Date _____
 Yield Flow Pump _____

DATUM

K.B. _____ L.S. _____ T.O.C. 15' msl

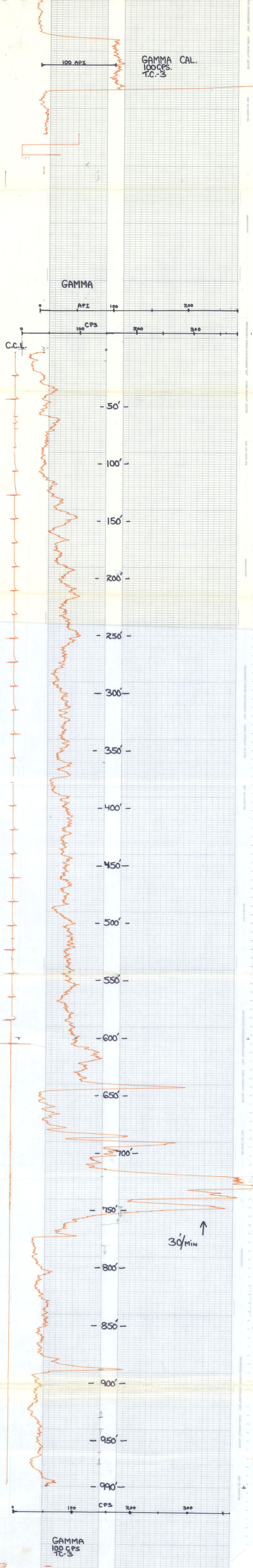
FLUID QUALITY

Date _____ Time _____ Source of Sample Wellhead
 Cl _____ mg/l Type of Fluid Water
 Temp. 75.2° F Field Density _____ @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 1180 μ mhos/cm

Logged By: H.P. Brown Witnessed By: P. Davenport
 Comments: Near Water Pump 1/2 dn S.P. Log;
Ran Caliper with T.C. = .01; NO NEUTRON
Due to PINCH IN AT 693'

TYPE OF SURVEYS RUN

- | | | | |
|-------------------|-----|---------------|-----|
| Lateral 6' | (X) | Density | () |
| Caliper | (X) | ct | () |
| Flow meter | () | Fluid Sampler | () |
| 16", 64" normals | (X) | Temperature | (X) |
| Neutron | () | Delta Temp. | () |
| Natural Gamma | () | SP | (A) |
| Fluid Resistivity | (X) | | |





WELL LOG

WELL LOCATION

County MARTIN
 Station I. D. 085000045
 Date 12-20-79 Well No. MF-27
 Latitude 027° 10' 25" Longitude 080° 12' 55"
NE 1/4 NW 1/4 Section 14 Township 38S Range 41E
 Owner MARTIN G. GOLF Phone _____
 Driller DAUG ARNOLD Date Drilled _____
 Drilling Method: Rot. Air CT Auger Other _____
 T. Depth - Driller _____ T. Depth - Logger 991'
 Casing Depth Driller _____ Casing Depth Logger 608'
 Bit Size _____ Casing Dia. I.D. 8.00"
 Hole Dia. _____ From _____ To _____ Dia. _____ From _____ To _____
 Type of Casing STEEL Casing Thickness _____
 Type of Screen Open Hole Screen Int. From _____ To _____
 Type of Packing _____ Well Use Irrigation
 Static Water Level _____ Date _____
 Yield Flow Pump _____

DATUM

K.B. _____ L.S. _____ T.O.C. 15' msl

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 Comments: Near Water Pump A/c on S.P. log;
Ran Caliper with T.C = .01; No NEURON
Due to PINCH IN AT 693'

TYPE OF SURVEYS RUN

Lateral 6'	<input checked="" type="checkbox"/>	Density	<input type="checkbox"/>
Caliper	<input checked="" type="checkbox"/>	ccl	<input checked="" type="checkbox"/>
Flow meter	<input checked="" type="checkbox"/>	Fluid Sampler	<input type="checkbox"/>
16", 64" normals	<input checked="" type="checkbox"/>	Temperature	<input checked="" type="checkbox"/>
Neutron	<input type="checkbox"/>	Delta Temp.	<input type="checkbox"/>
Natural Gamma	<input checked="" type="checkbox"/>	SP	<input checked="" type="checkbox"/>
Fluid Resistivity	<input checked="" type="checkbox"/>		

FLUID RESISTIVITY

TEMPERATURE GRADIENT

TEMPERATURE DIFFERENTIAL

OHM-METERS
13 12 11 10 9 8 7 6 5 4 3 2 1 0

°F
77 76 75 74 73

FR.

T.G.

T.D.

2 1/2' / MIN
↓

-610'

-650'

-700'

-750'

-800'

-850'

-900'

-950'

FR.

T.G.

T.D.

OHM-METERS
13 12 11 10 9 8 7 6 5 4 3 2 1 0

°F
77 76 75 74 73

FLUID RESISTIVITY

TEMPERATURE GRADIENT

TEMPERATURE DIFFERENTIAL



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 Type of Screen Open Hole Screen Int. From _____ To _____
 Type of Packing _____ Well Use Irrigation
 Static Water Level _____ Date _____
 Yield Flow Pump _____

DATUM

K.B. _____ L.S. _____ T.O.C. 15' msl

FLUID QUALITY

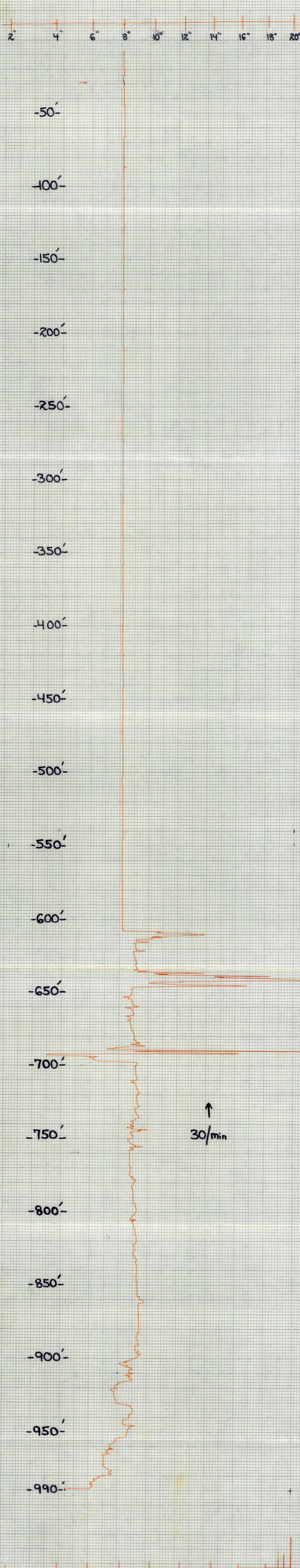
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 Cl _____ mg/l Type of Fluid Water
 Temp. 75.2° F Field Density _____ @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 1180 umhos/cm
 Logged By: M.P. Brown Witnessed By: P. Davenport

Comments: Near Water Pump A/c on S.P. Log;
Ran caliper with T.C. = .01;
Due to PINCH IN AT 693'

TYPE OF SURVEYS RUN

Lateral 6'
 Caliper
 Flow meter
 16", 64" normals
 Neutron
 Natural Gamma
 Fluid Resistivity
 Density
 ccl
 Fluid Sampler
 Temperature
 Delta Temp.
 SP

CALIPER
T.C. = .01



↑
30/min



WELL LOG

WELL LOCATION

County MARTIN
 Station I. D. 085000045
 Date 12-20-79 Well No. MF-27
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 Driller Doug Arnold Date Drilled _____

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Drilling Method: Rot. Air CT Auger Other _____
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 Type of Casing STEEL Casing Thickness _____
 Type of Screen Open Hole Screen Int. From _____ To _____
 Type of Packing _____ Well Use Irrigation
 Static Water Level _____ Date _____
 Yield Flow _____ Pump _____

DATUM

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Comments: Near Water Pump A/c on S.P. Log;
Ran Caliper with T.C = .01; No NEUTRAW
Due to PINCH IN AT 593'

TYPE OF SURVEYS RUN

- | | | | |
|-------------------|-----|---------------|-----|
| Lateral 6' | (X) | Density | () |
| Caliper | (X) | ocl | (X) |
| Flow meter | (X) | Fluid Sampler | () |
| 16", 64" normals | (X) | Temperature | (X) |
| Neutron | () | Delta Temp. | () |
| Natural Gamma | (X) | SP | (X) |
| Fluid Resistivity | (X) | | |

Flowmeter

