

WELL STATION IDENTIFICATION

FORM 62 - 12/77

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

PAGE 1 OF 2

WELL LOCATION CARD ONE

1	10	16	20	37	54	57	59	63	66	68	71
STATION I. D.	SURVEY DATE	A CARD C	WELL NO.	COUNTY	LAT DEG	LAT MIN	LAT SEC	LON DEG	LON MIN	LON SEC	
08500.00.06	12.12.77	W1.1	MF-6	MARTIN	27	09	39	080	35	00	

WELL LOCATION CARD TWO

1	17	20	37	39	42	45	61
STATION I. D.	SURVEY DATE	A CARD C	QUARTERSECTIONS	SEC	TOWN-SHIP	RANGE	WATER MANAGEMENT DISTRICT PLANNING AREA
		W1.2	1/4; NE1/4; NE1/4	24	38S	37E	UPPER EAST COAST

WELL DATUM CARD

1	17	20	26	32	38	44	59
STATION I. D.	SURVEY DATE	A CARD C	KELLY BUSH-ING (FEET)	LAND SUR-FACE (FT)	TOP OF CASING (FT)	OTHER (FT) (SEE NOTES)	DATUM (CHECK ONE)
		W2.1					MSL- ; LS- ; TOC-

WELL OWNERSHIP CARD

1	17	20	37	54	57	64	80
STATION I. D.	SURVEY DATE	A CARD C	NAME OF OWNER	GROVE/PROPERTY NAME	AREA CODE	TELEPHONE	WELL USE
		W3.1	WILLIAMSON	WILLIAMSON RANCH	305	597.2546	PASTURE IRRIGATION

WELL ORIGIN CARD

1	17	20	37	54	71	76
STATION I. D.	SURVEY DATE	A CARD C	DRILLER/ DRILLING COMPANY	OFFICE OF DRILLER (CITY)	DRILLING METHOD	DATE COMPLETED
		W4.1				

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).

Jane

WELL STATION IDENTIFICATION

FORM 63 - 12/77

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

PAGE 2 OF 2

WELL DESCRIPTION - CONSTRUCTION CARD ONE

1	10	16	20	27	34	41	48	54	59	68
STATION I. D.	SURVEY DATE	ACTION CARD	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.	
085000006	12.12.77	W5.1		1052		399.8	5.25		YES - ; NO - X	

WELL DESCRIPTION - CONSTRUCTION CARD TWO

1	17	20	37	54	59	64	69	73
STATION I. D.	SURVEY DATE	ACTION CARD	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	ACTION CARD	SEC	TYPE OF CASING	NOM. DIA. (INCHES)	BEGIN DEPTH	END DEPTH (FEET)	THICKNESS (INCHES)	TYPE OF ANNULUS FILL
		W6.1	10	STEEL	4.25	0	202		NONE

WELL DESCRIPTION - CONFIGURATION CARD. SECTION TWO

1	17	20	22	39	44	49	54	59	75
STATION I. D.	SURVEY DATE	ACTION CARD	SEC	TYPE OF CASING	NOM. DIA. (INCHES)	BEGIN DEPTH	END DEPTH (FEET)	THICKNESS (INCHES)	TYPE OF ANNULUS FILL
		W6.2	02	STEEL	3.50	202	399.8		NONE

WELL DESCRIPTION - CONFIGURATION CARD. SECTION THREE

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

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 <W64>, <W65>, <W69> MAY ALSO BE USED TO PROVIDE DATA FOR A TOTAL OF NINE SECTIONS.

Jane

WELL SURVEY REPORT

FORM 61 - 12/77
(USE ONE FORM/DAY/WELL)

SURVEY CARD

1	10	16	20	37	54	56	58	60	62	64	66	68	70	72
STATION	SURVEY	CARD	LOGGED BY	WITNESSED BY	*	*	*	*	*	*	*	*	*	*
I. D.	DATE	C			A	B	C	D	E	F	G	H	I	J
085000006	12/27/77	W71	M.P. BROWN	G.P. PALUGA	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	SURVEY	CARD	SAMPLE SOURCE	TYPE	DATE	TIME
I. D.	DATE	C	(WELLHEAD, ETC.)	FLUID	SAMPLED	SAMPLED
		W81	WELL HEAD	WATER	12/27/77	

FLUID QUALITY CARD TWO

1	17	20	25	32	35	41	47	53	60	64	70	75
STATION	SURVEY	CARD	TEMP. OF	FIELD SP.	FIELD	CHLORIDE	DISSOLVED	SPEC. COND.	STATIC WATER	W/L REF	FLOW RATE	PUMP RATE
I. D.	DATE	C	SAMPLE	F GRAVITY	PH	(MG/L)	SOLIDS	(U-MHO/CM)	LEVEL (FEET)	FROM	(GAL/MIN)	(GAL/MIN)
		W82	81.00 F					1628				

COMMENT CARDS

1	17	20	40	60	76
STATION	SURVEY	CARD	COMMENTS	COMMENTS	COMMENTS
I. D.	DATE	C	- LINE 1	- LINE 2	- LINE 3
		W91	SURVEY DEPTH SCAL	E REFERENCED TO	TDC AS O.O'

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

Jane



WELL LOG

WELL LOCATION

County Martin
Station I. D. 025000006
Date 12/12/77 Well No. MF-6
Latitude _____ Longitude _____
1/4 NE 1/4 NE Section 24 Township 38S Range 37E
Owner Williamson Ranch Phone 597-2546
Driller _____ Date Drilled _____

DATUM

K.B. _____ L.S. _____ T.O.C. _____

FLUID QUALITY

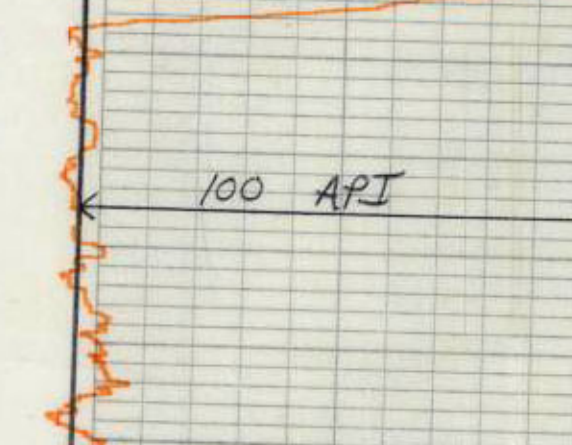
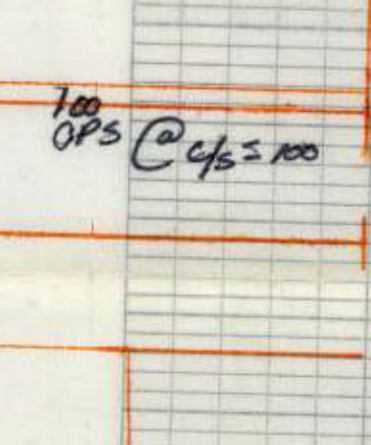
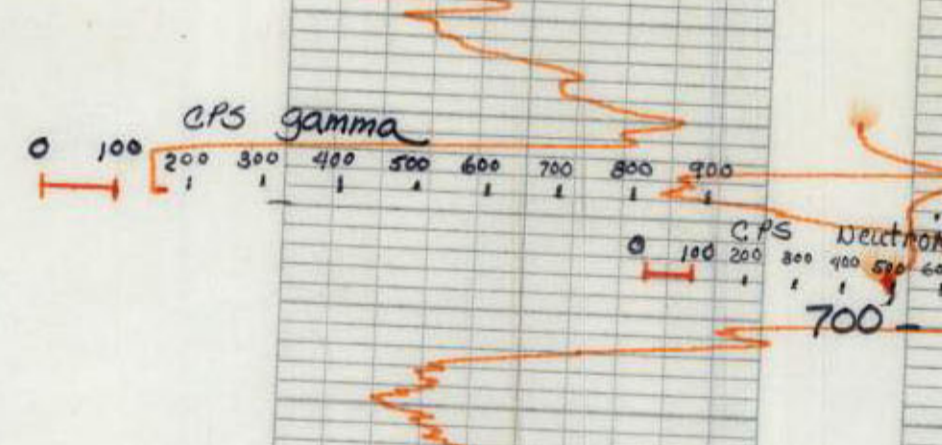
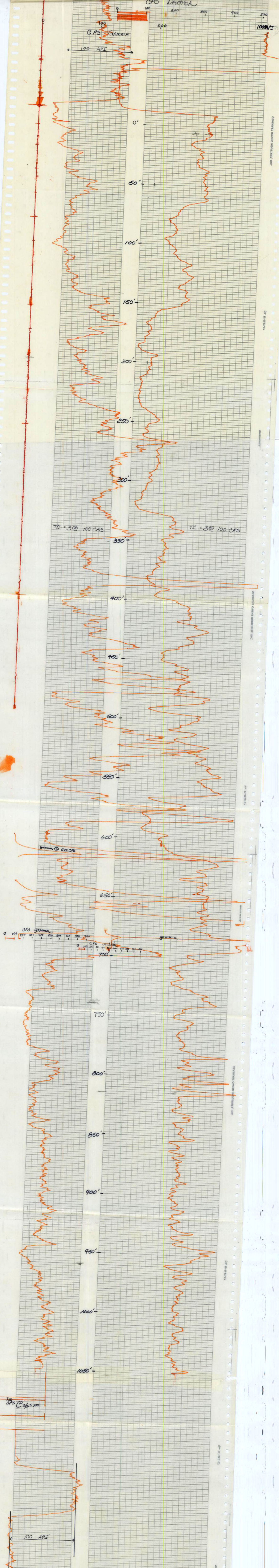
Date 12/12/77 Time _____ Source of Sample wellhead
Cl _____ mg/l Type of Fluid water
Temp. 81.0 °F °C Field Density @ _____ °C
T.D.S. _____ mg/l Spec. Cond. 1638 µmhos/cm
Logged By: M. P. Brown Witnessed By: G. Paluga
Comments: Survey depth scale referenced to top of casing

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
T. Depth - Driller _____ T. Depth - Logger 1052'
Casing Depth Driller _____ Casing Depth Logger 399.8'
Bit Size _____ Casing Dia. I.D. 5.25"
Hole Dia. 4.25" From 0' To 202" Dia. 3.5" From 202' To 399.8'
Type of Casing steel Casing Thickness _____
Type of Screen open hole Screen Int. From _____ To _____
Type of Packing none Well Use pasture irrigation
Static Water Level _____ Date _____
Yield Flow _____ Pump _____

TYPE OF SURVEYS RUN

Lateral B' (X) Density ()
Calliper (X) ccl (X)
Flow meter (X) Fluid Sampler (X)
16" 84" normals (X) Temperature (X)
Neutron (X) Delta Temp. ()
Natural Gamma (X) SP (X)
Fluid Resistivity (X)





WELL LOG

WELL LOCATION

County Martin
 Station I. D. 025000006
 Date 12/12/77 Well No. MF-6
 Latitude _____ Longitude _____
 1/4 NE 1/4 NE 1/4 Section 24 Township 38S Range 37E
 Owner Williamson Ranch Phone 597-2546
 Driller _____ Date Drilled _____

DATUM

K.B. _____ L.S. _____ T.O.C. _____

FLUID QUALITY

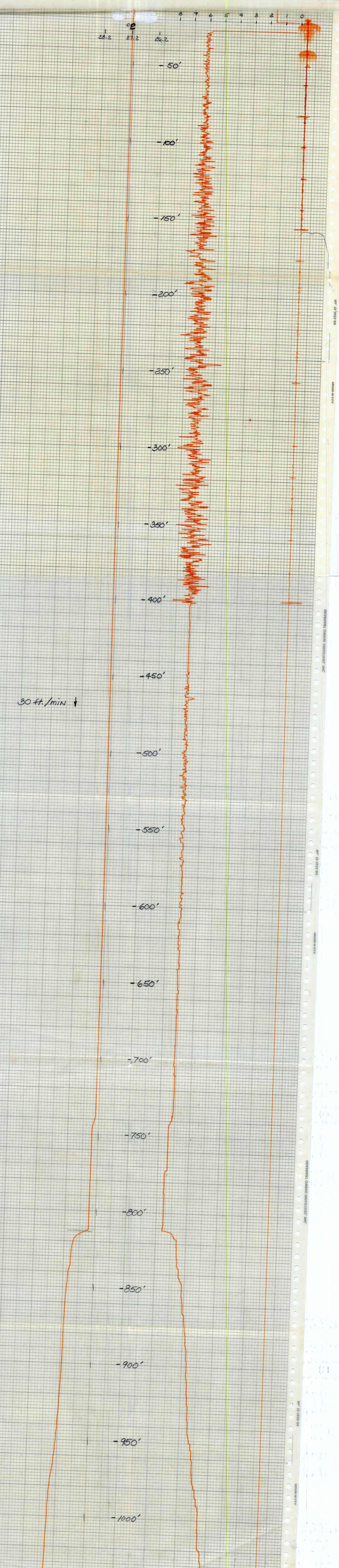
Date 12/12/77 Time _____ Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 81.0 °F °C Field Density _____ @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 1638 μmhos/cm
 Logged By: M. P. Brown Witnessed By: G. Paluga
 Comments: Survey depth scale referenced to top of casing

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
 T. Depth - Driller _____ T. Depth - Logger 1052'
 Casing Depth Driller _____ Casing Depth Logger 399.8'
 Bit Size _____ Casing Dia. I.D. 5.25"
 Hole Dia. 4.25" From 0' To 202' Dia. 3.5" From 202' To 399.8'
 Type of Casing steel Casing Thickness _____
 Type of Screen open hole Screen Int. From _____ To _____
 Type of Packing none Well Use pasture irrigation
 Static Water Level _____ Date _____
 Yield Flow _____ Pump _____

TYPE OF SURVEYS RUN

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





WELL LOG

WELL LOCATION

County Martin
 Station I. D. 025 000006
 Date 12/12/77 Well No. MF-6
 Latitude _____ Longitude _____
 1/4 NE 1/4 NE 1/4 Section 24 Township 38S Range 37E
 Owner Williamson Ranch Phone 597-2546
 Driller _____ Date Drilled _____

DATUM

K.B. _____ L.S. _____ T.O.C. _____

FLUID QUALITY

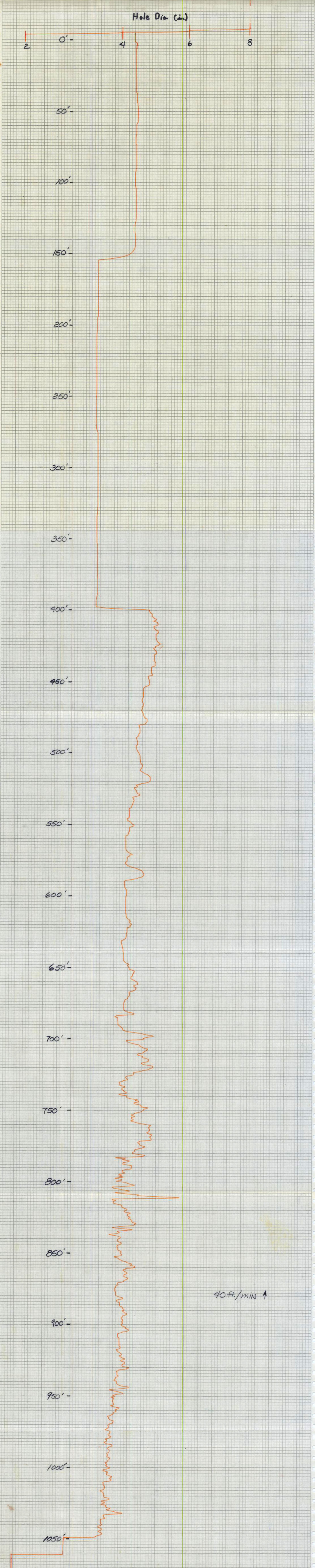
Date 12/12/77 Time _____ Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 81.0 °F @ _____ °C Field Density _____ @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 1638 umhos/cm
 Logged By: M. P. Brown Witnessed By: G. Paluga
 Comments: Survey depth scale referenced to top of casing

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
 T. Depth - Driller _____ T. Depth - Logger 1052'
 Casing Depth Driller _____ Casing Depth Logger 399.8'
 Bit Size _____ Casing Dia. I.D. 5.25"
 Hole Dia. 4.25" From 0' To 202' Dia. 3.5" From 202' To 399.8'
 Type of Casing steel Casing Thickness _____
 Type of Screen open hole Screen Int. From _____ To _____
 Type of Packing none Well Use pasture irrigation
 Static Water Level _____ Date _____
 Yield Flow _____ Pump _____

TYPE OF SURVEYS RUN

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





WELL LOG

WELL LOCATION

County Martin
 Station I. D. 085000006
 Date _____ Well No. MF-6
 Latitude _____ Longitude _____
1/4 NE 1/4 NE 1/4 Section 24 Township 38S Range 37E
 Owner Williamson Ranch Phone 597-2546
 Driller _____ Date Drilled _____

DATUM

K.B. _____ L.S. _____ T.O.C. _____

FLUID QUALITY

Date 2/21/78 Time _____ Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 27.3 °C Field Density _____ @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 1930 umhos/cm
 Logged By: M. P. Brown Witnessed by: Dennis Reece

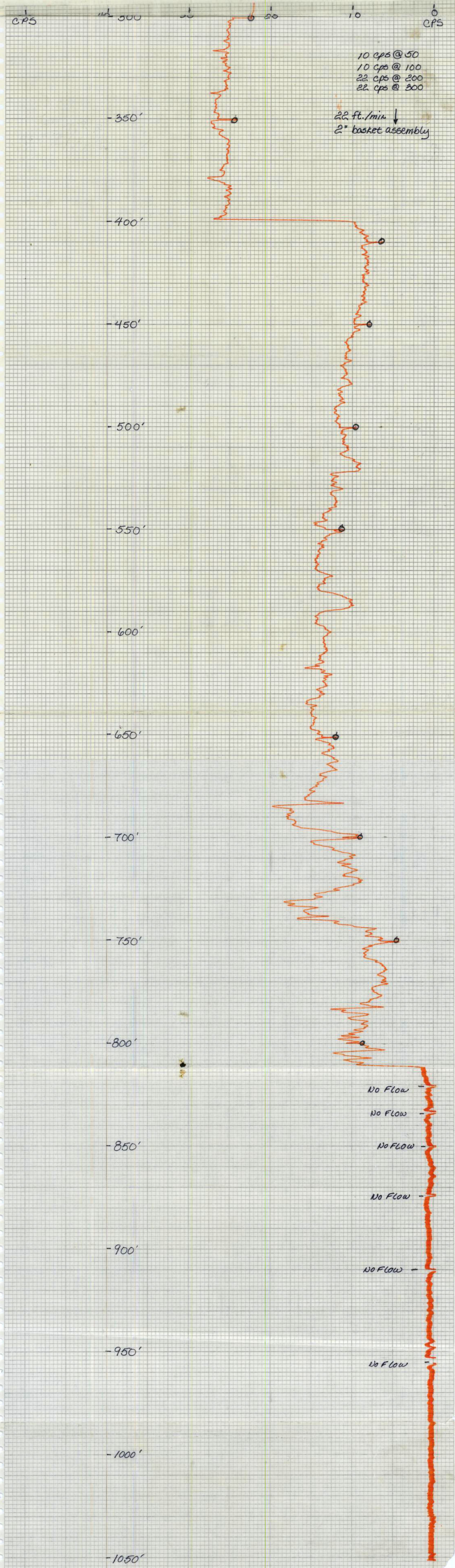
WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
 T. Depth - Driller _____ T. Depth - Logger 1052'
 Casing Depth Driller _____ Casing Depth Logger 399.8'
 Bit Size _____ Casing Dia. I.D. 5.25"
 Hole Dia. 4.25" From 0' To 202' Dia. 3.5" From 202' To 399.8'
 Type of Casing steel Casing Thickness _____
 Type of Screen open hole Screen Int. From _____ To _____
 Type of Packing none Well Use pasture irrigation
 Static Water Level 110.0" above spigot Date 2/21/78
 Yield Flow 140 gpm Pump _____

Comments: Survey depth scale referenced to top of casing
Complete chemical analysis of point samples available
collected 1030', 910', 860', 830', 814', 794', 764' and 720'
along with two composite samples (wellhead)

TYPE OF SURVEYS RUN

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



12-1023-04

GENERAL OVERSIGHT INDUSTRIES, INC.

12-1023-04

GENERAL OVERSIGHT INDUSTRIES, INC.



WELL LOG

WELL LOCATION

County Martin
 Station I. D. 08500006
 Date 12/12/77 Well No. MF-6
 Latitude _____ Longitude _____
 Section 24 Township 38S Range 37E
 Owner Williamson Ranch Phone 597-2546
 Driller _____ Date Drilled _____

DATUM

K.B. _____ L.S. _____ T.O.C. _____

FLUID QUALITY

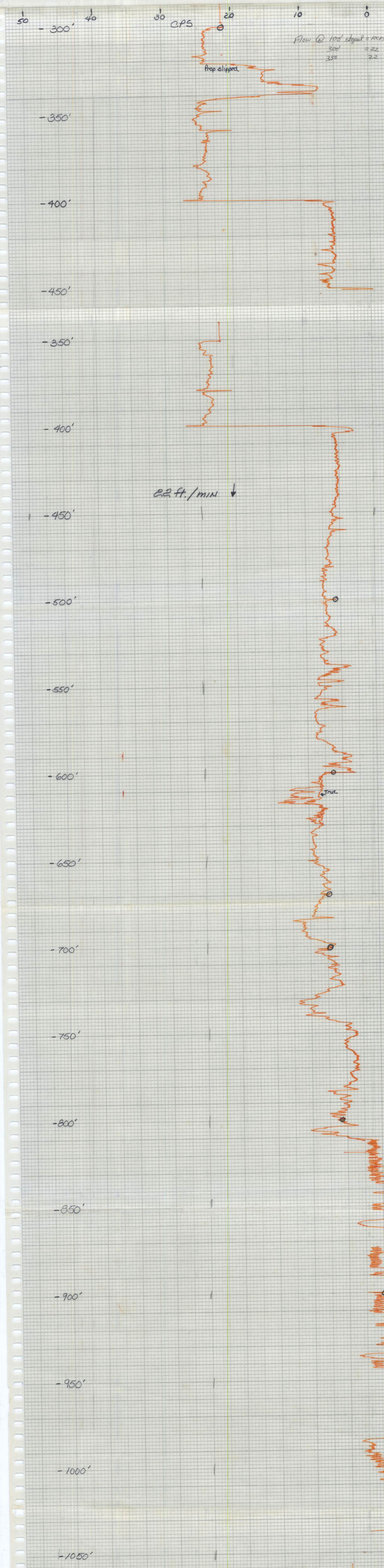
Date 12/12/77 Time _____ Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 81.0 °F °C Field Density _____ @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 1638 umhos/cm
 Logged By: M. P. Brown Witnessed By: G. Paluga
 Comments: Survey depth scale referenced to top of casing

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
 T. Depth - Driller _____ T. Depth - Logger 1052'
 Casing Depth Driller _____ Casing Depth Logger 399.8'
 Bit Size _____ Casing Dia. I.D. 5.25"
 Hole Dia. 4.25" From 0' To 202' Dia. 3.5" From 202' To 399.8'
 Type of Casing steel Casing Thickness _____
 Type of Screen open hole Screen Int. From _____ To _____
 Type of Packing none Well Use pasture irrigation
 Static Water Level _____ Date _____
 Yield Flow _____ Pump _____

TYPE OF SURVEYS RUN

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





WELL LOG

WELL LOCATION

County Martin
Station I. D. 085000006
Date 12/12/77 Well No. MF-6
Latitude _____ Longitude _____
1/4 NE 1/4 NE 1/4 Section 24 Township 38S Range 37E
Owner Williamson Ranch Phone 597-2546
Driller _____ Date Drilled _____

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
T. Depth - Driller _____ T. Depth - Logger 1052'
Casing Depth Driller _____ Casing Depth Logger 399.8'
Bit Size _____ Casing Dia. I.D. 5.25"
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Type of Casing steel Casing Thickness _____
Type of Screen open hole Screen Int. From _____ To _____
Type of Packing none Well Use pasture irrigation
Static Water Level _____ Date _____
Yield Flow _____ Pump _____

DATUM

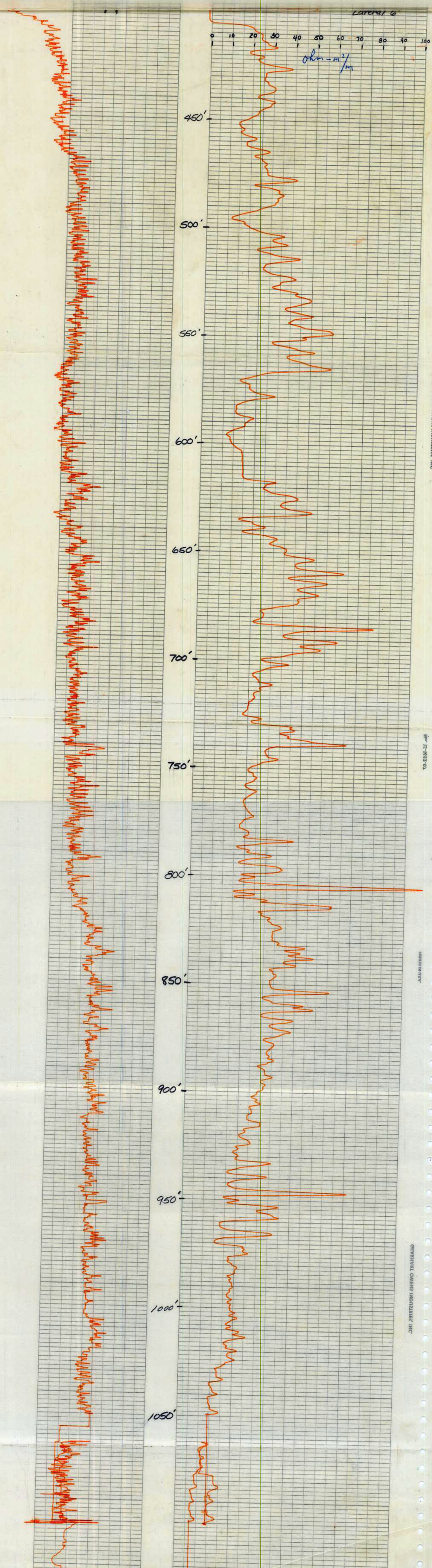
K.B. _____ L.S. _____ T.O.C. _____

FLUID QUALITY

Date 12/12/77 Time _____ Source of Sample wellhead
Cl _____ mg/l Type of Fluid water
Temp. 81.0 °F °C Field Density _____ @ _____ °C
T.D.S. _____ mg/l Spec. Cond. 1638 μmhos/cm
Logged By: M. P. Brown Witnessed By: G. Paluga
Comments: Survey depth scale referenced to top of casing

TYPE OF SURVEYS RUN

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



ALB 10 011111

GENERAL OMEGA INDUSTRIES, INC.

No. 12-1023-01

SHIELD 10177

GENERAL OMEGA INDUSTRIES, INC.



WELL LOG

WELL LOCATION

County Martin
 Station I. D. 085000006
 Date 12/12/77 Well No. MF-6
 Latitude _____ Longitude _____
 _____ NE 1/4 NE 1/4 Section 24 Township 38S Range 37E
 Owner Williamson Ranch Phone 597-2546
 Driller _____ Date Drilled _____

DATUM

K.B. _____ L.S. _____ T.O.C. _____

FLUID QUALITY

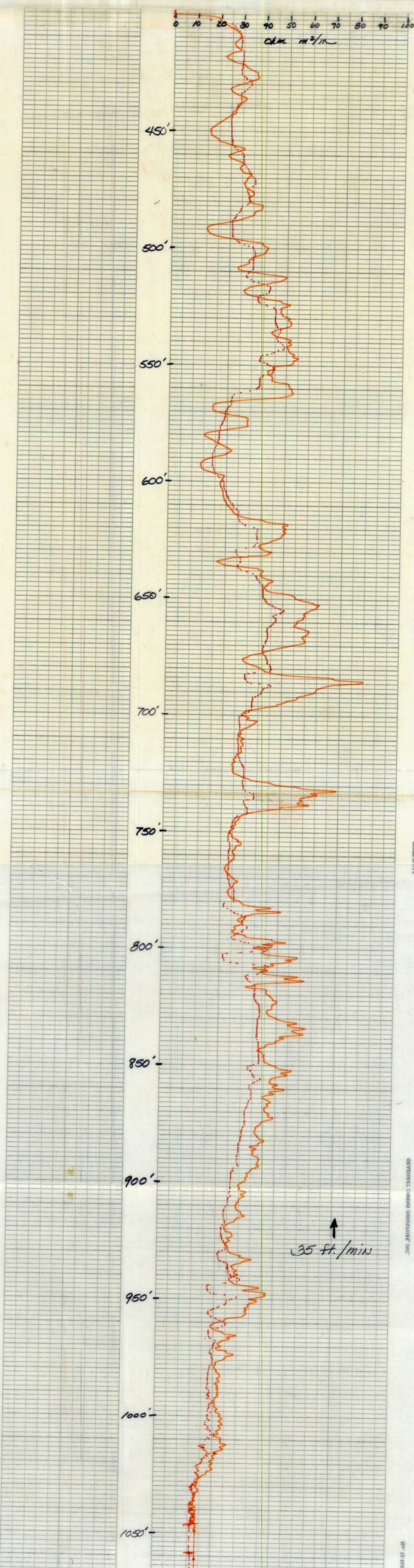
Date 12/12/77 Time _____ Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 81.0 °F °C Field Density _____ @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 1638 μmhos/cm
 Logged By: M. P. Brown Witnessed By: G. Paluga
 Comments: Survey depth scale referenced to top of casing

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
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 Casing Depth Driller _____ Casing Depth Logger 399.8'
 Bit Size _____ Casing Dia. I.D. 5.25"
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 Type of Casing steel Casing Thickness _____
 Type of Screen open hole Screen Int. From _____ To _____
 Type of Packing none Well Use pasture irrigation
 Static Water Level _____ Date _____
 Yield Flow _____ Pump _____

TYPE OF SURVEYS RUN

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



GENERAL OMEGA INDUSTRIES, INC.

Model 12-1823-01

MADE IN NEW YORK

GENERAL OMEGA INDUSTRIES, INC.

Model 12-1823