

WELL STATION IDENTIFICATION

FORM RP-37 - Rev. 10/78

(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 I. D.	SURVEY DATE	CARD C	WELL NO.	COUNTY	LAT DEG	LAT MIN	LAT SEC	LON DEG	LON MIN	LON SEC	
093000043	01/16/79	W11	PKF-17	KEECHICOOBEE	27	20	10	80	55	08	

WELL LOCATION CARD TWO

1	17	20	37	39	42	45	61
STATION I. D.	SURVEY DATE	CARD C	QUARTERSECTIONS	SEC	TOWN-SHIP	RANGE	WATER MANAGEMENT DISTRICT PLANNING AREA
		W12	W1/4; NW1/4; SE1/4	15	36S	34E	KISSIMMEE

WELL DATUM CARD

1	17	20	26	32	38	44	59
STATION I. D.	SURVEY DATE	CARD C	KELLY BUSH-ING (FEET)	LAND SUR-FACE (FT)	TOP OF CASING (FT)	OTHER (FT) (SEE NOTES)	DATUM (CHECK ONE)
		W21			41.54		MSL-X; LS-; TOC-

WELL OWNERSHIP CARD

1	17	20	37	54	57	64	80
STATION I. D.	SURVEY DATE	CARD C	NAME OF OWNER	GROVE/PROPERTY NAME	AREA CODE	TELEPHONE	WELL USE
		W31		LARSON DAIRY		7637330	CATTLE

WELL ORIGIN CARD

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

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 RP-38 - Rev. 10/78

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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.	
093000043	01/16/79	W51		983		535	6		YES- ; NO-X	

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)
		W52	PEARL HOLE					

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
		W610		STEEL	6	0	535	50	

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
		W6202							

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
		W6303							

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 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	SURVEY	CARD	LOGGED BY	WITNESSED BY	*	*	*	*	*	*	*	*	*	*
I. D.	DATE	C			A	B	C	D	E	F	G	H	I	J
093000043	01/16/79	W71	ANDERSON & KNITTEL	KNITTEL & ANDERSON	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

7

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	WELLHEAD	WATER	01/16/79	10:15

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	79.4	F				782.2			30	

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			

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 Okechobee
 Station I. D. 0 2 3 0 0 0 4 3
 Date 1/16/79 Well No. OKF-17
 Latitude 27° 20' 10" Longitude 80° 55' 08"
 S. 1/4 N. 1/4 E. 1/4 Section 16 Township 36S Range 34E
 Owner Larson Dairy Phone (813) 763-7339
 Driller _____ Date Drilled _____

DATUM

K.B. _____ L.S. _____ T.O.C. 41.54

FLUID QUALITY

Date 1/16/79 Time 1015 Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 79.4 °F Field Density _____ °C
 T.D.S. _____ mg/l Spec. Cond. 782.2 μ mhos/cm
 Logged By: Anderson & Knittel Witnessed By: Knittel & Anderson
 Comments: _____

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
 T. Depth - Driller _____ T. Depth - Logger 983'
 Casing Depth Driller _____ Casing Depth Logger 535'
 Bit Size _____ Casing Dia. I.D. 6"
 Hole Dia. 6" From 0' To 535' Dia. From _____ To _____
 Casing Thickness .50"
 Type of Casing steel
 Type of Screen Openhole Screen Int. From _____ To _____
 Well Use cattle
 Static Water Level _____ Date _____
 Yield Flow 30gpm Pump _____

TYPE OF SURVEYS RUN

Lateral G' Density
 Calliper col (x)
 Flow meter Fluid Sampler (x)
 16' 64' normals Temperature (x)
 Neutron Delta Temp. (x)
 Natural Gamma
 Fluid Resistivity SP (x)

OKF-17

DIFFERENTIAL TEMPERATURE

TEMPERATURE GRADIENT

TEMPERATURE

81°F 79°F 77°F

30'/MIN ↓

10'

100'

200'

300'

400'

500'

600'

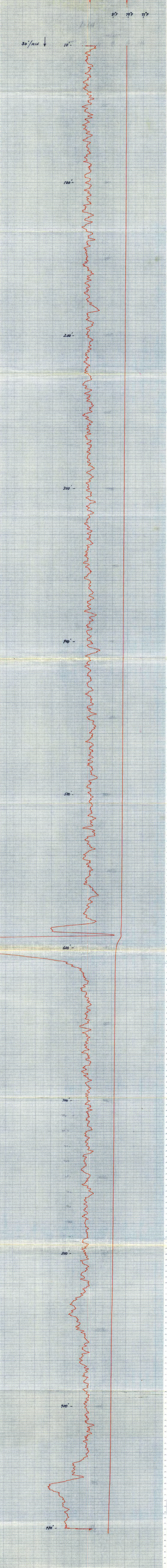
700'

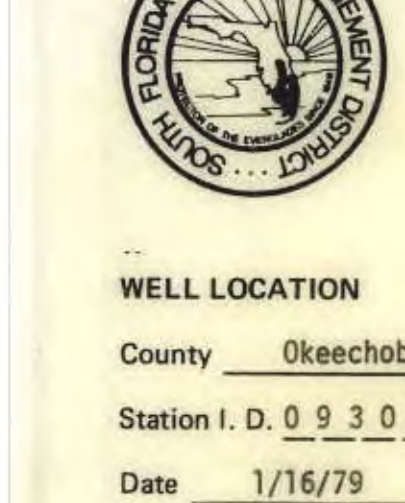
800'

900'

980'

990'





WELL LOG

WELL LOCATION
 County Okeechobee
 Station I. D. 0 9 3 0 0 0 4 3
 Date 1/16/79 Well No. OKF-17
 Latitude 27° 20' 10" Longitude 80° 55' 09"
 SW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 15 Township 36S Range # 34E
 Owner Larson Dairy Phone (813) 763-7330
 Driller _____ Date Drilled _____

DATUM
 K.B. _____ L.S. _____ T.O.C. 41.54' ASD

FLUID QUALITY
 Date 1/16/79 Time 1015 Source of Sample wellhead
 CI _____ mg/l Type of Fluid water
 Temp. 79.4 °F XX Field Density @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 782.2 μ mhos/cm
 Logged By: Anderson & Knittel Witnessed By: Knittel & Anderson
 Comments: _____

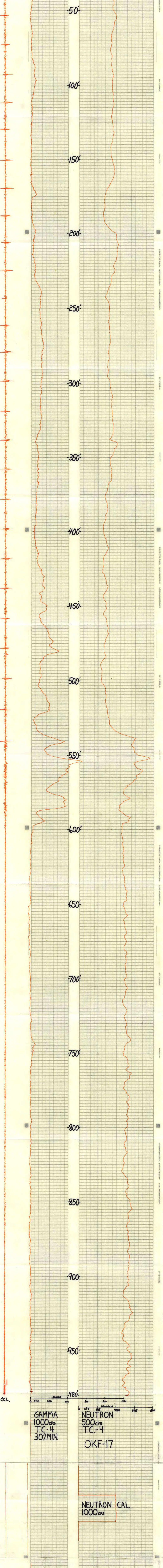
WELL CONSTRUCTION
 Drilling Method: Rot. Air CT Auger Other _____
 T. Depth - Driller _____ T. Depth - Logger 983'
 Casing Depth Driller _____ Casing Depth Logger 535'
 Bit Size _____ Casing Dia. I.D. 6"
 Hole Dia. 6" From 0' To 535' Dia. From _____ To _____
 Type of Casing steel Casing Thickness .50"
 Type of Screen open hole Screen Int. From _____ To _____
 Well Use cattle
 Static Water Level _____ Date _____
 Yield Flow 30 gpm Pump _____

TYPE OF SURVEYS RUN

Lateral 6' (x)	Density ()
Calliper (x)	cal ()
Flow meter (x)	Fluid Sampler ()
16" 64" normals (x)	Temperature (x)
Neutron (x)	Delta Temp. (x)
Natural Gamma (x)	SP (x)
Fluid Resistivity (x)	

OKF-17
GAMMA
 1000 cps
 T.C.-4
 30'/MIN.

NEUTRON
 500 cps
 T.C.-4



GAMMA
 1000 cps
 T.C.-4
 30'/MIN.

NEUTRON
 500 cps
 T.C.-4

OKF-17

NEUTRON CAL.
 1000 cps

ZERO
BACKGROUND
 100 CPS

GAMMA CAL.
 1000 cps



WELL LOG

WELL LOCATION

County Duval
Station I. D. 0000000000
Date 1/16/79 Well No. OKF-17
Latitude 27° 30' 10" Longitude 81° 55' 08"
Sec. 15 Twp. 5N Range 3E
Owner Lessee Only Phone (912) 762-7391
Driller _____ Date Drilled _____

DATUM

K.B. _____ L.S. _____ T.O.C. 41.54 msl

FLUID QUALITY

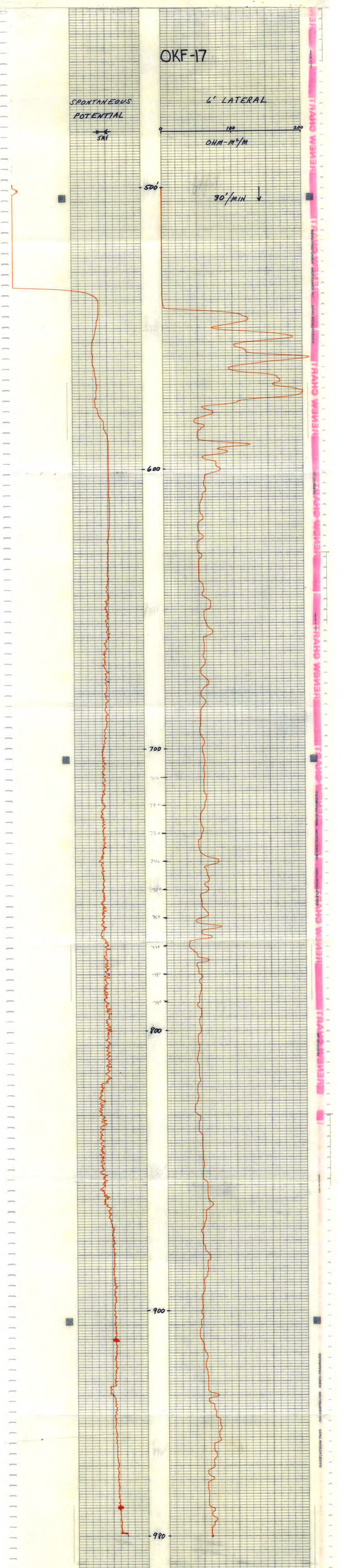
Date 1/16/79 Time 1015 Source of Sample wellhead
Cl _____ mg/l Type of Fluid water
Temp. 79.4 °C Field Density _____ @ _____ °C
T.D.S. _____ mg/l Spec. Cond. 782.2 umhos/cm
Logged By: Anderson & Sittel Witnessed By: Sittel & Anderson
Comments: _____

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
T. Depth - Driller _____ T. Depth - Logger 651'
Casing Depth Driller _____ Casing Depth Logger 638'
Bit Size _____ Casing Dia. I.D. 6"
Hole Dia. 6" From 0' To 638' Dia. From _____ To _____
Type of Casing steel Casing Thickness .08"
Type of Screen openhole Screen Int. From _____ To _____
Type of Packing _____ Well Use water
Static Water Level _____ Date _____
Yield Flow 30gpm Pump _____

TYPE OF SURVEYS RUN

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





WELL LOG

WELL LOCATION

County Deecheba
 Station I. D. 0 9 2 0 0 0 0 2
 Date 1/16/79 Well No. 06F-17
 Latitude 27° 20' 13" Longitude 80° 54' 0"
 N. 27 W. 52 Section 15 Township 36S Range 4 Zone 30E
 Owner Larson Drury Phone (313) 753-7330
 Driller _____ Date Drilled _____

DATUM

K.B. _____ L.S. _____ T.O.C. 41.5' sea

FLUID QUALITY

Date 1/16/79 Time 1015 Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 79.4 °C Field Density @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 782.2 umhos/cm
 Logged By: Anderson & Galtier Witnessed By: Reitzel & Kourouss
 Comments: _____

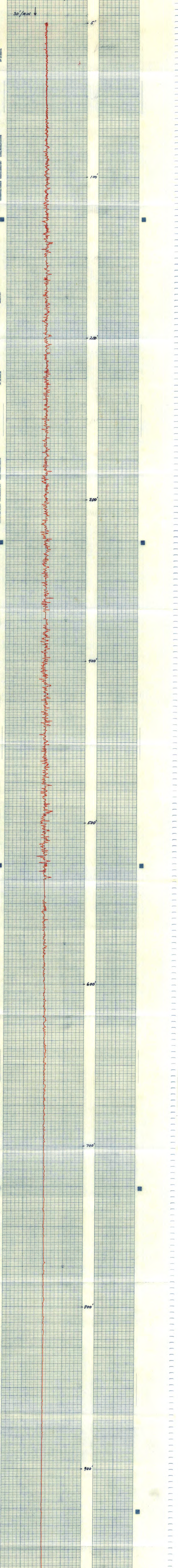
WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
 T. Depth - Driller _____ T. Depth - Logger 353'
 Casing Depth Driller _____ Casing Depth Logger 535'
 Bit Size _____ Casing Dia. I.D. 6"
 Hole Dia. 6" From 0' To 535' Dia. From _____ To _____
 Type of Casing steel Casing Thickness .50"
 Type of Screen openhole Screen Int. From _____ To _____
 Type of Packing _____ Well Use cattle
 Static Water Level _____ Date _____
 Yield Flow 30 gpm Pump _____

TYPE OF SURVEYS RUN

- Lateral G'
- Calliper
- Flow meter
- 15" 64" normals
- Neutron
- Natural Gamma
- Fluid Resistivity
- Density
- gci
- Fluid Sampler
- Temperature
- Delta Temp.
- SP

FLUID RESISTIVITY



OKF-17

WELL LOG

WELL LOCATION
 County Deechee
 Station I. D. 991800047
 Date 1/16/79 Well No. OKF-17
 Latitude 27° 29' 10" Longitude 80° 58' 18"
 S1/4 4 SE 1/4 Section 15 Township 35S Range 7 34E
 Owner Larson Delev Phone (911) 703-7130
 Driller _____ Date Drilled _____

WELL CONSTRUCTION
 Drilling Method: Rot. Air CT Auger Other
 T. Depth - Driller _____ T. Depth - Logger 903'
 Casing Depth Driller _____ Casing Depth Logger 630'
 Bit Size _____ Casing Dia. I.D. 6"
 Hole Dia. 6" From 0' To 630' Dia. From _____ To _____
 Type of Casing steel Casing Thickness .50"
 Type of Screen galv Screen Int. From _____ To _____
 Type of Packing _____ Well Use castle
 Static Water Level _____ Date _____
 Yield Flow 20 gpm Pump _____

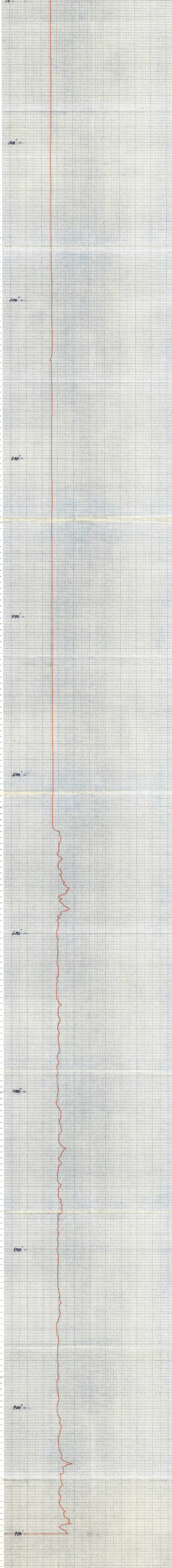
DATUM
 K.B. _____ L.S. _____ T.O.C. 41.54' NG

FLUID QUALITY
 Date 1/16/79 Time 1015 Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 79.4 °F 90 °C Field Density @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 792.2 umhos/cm
 Logged By: Anderson & Kollsta Witnessed By: Griffith & Anderson
 Comments: _____

TYPE OF SURVEYS RUN

Lateral 6"	()	Density	()
Calliper	()	col	()
Flow meter	()	Field Sampler	()
16", 64" normals	()	Temperature	()
Neutron	()	Delta Temp.	()
Natural Gamma	()	SP	()
Fluid Resistivity	()		

CALIPER
OKF-17





WELL LOG

WELL LOCATION

County Broward
 Station I. D. 991000013
 Date 1/16/79 Well No. SW-17
 Latitude 27° 30' 10" Longitude 80° 09' 0"
 Owner Larson Naty Phone (311) 783-7390
 Driller _____ Date Drilled _____
 Drilling Method: Rot. Air CT Auger Other _____
 T. Depth - Driller _____ T. Depth - Logger 983'
 Casing Depth Driller _____ Casing Depth Logger 935'
 Bit Size _____ Casing Dia. I.D. 6"
 Hole Dia. 6" From 0' To 935' Dia. From To _____
 Type of Casing steel Casing Thickness .50"
 Type of Screen open Hole Screen Int. From _____ To _____
 Type of Packing _____ Well Use cattle
 Static Water Level _____ Date _____
 Yield Flow 30 gpm Pump _____

DATUM

K.B. _____ L.S. _____ T.O.C. 54.5' msf

FLUID QUALITY

Date 1/16/79 Time 1055 Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 79.4 °C Field Density @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 705.2 umhos/cm
 Logged By: Anderson & Seltzer Witnessed By: Seltzer & Anderson
 Comments: _____

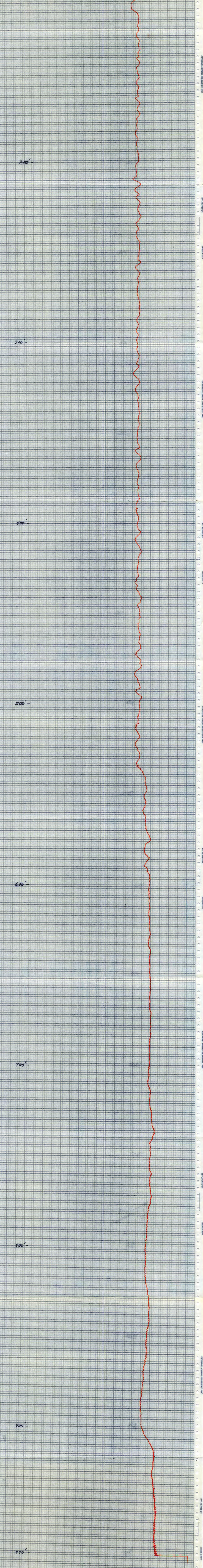
TYPE OF SURVEYS RUN

- Lateral G'
- Caliper
- Flow meter
- 16" - 64" normals
- Neutron
- Natural Gamma
- Fluid Resistivity
- Density of
- Fluid Sampler
- Temperature
- Delta Temp.
- SP

FLOWMETER OKF-17

FLOW ←

STEADY STATE



100'-
 200'-
 300'-
 400'-
 500'-
 600'-
 700'-
 800'-
 900'-
 970'-

100'-
 200'-
 300'-
 400'-
 500'-
 600'-
 700'-
 800'-
 900'-
 970'-



WELL LOG

WELL LOCATION

County Glades
 Station I. D. 0 2 3 0 0 0 4 3
 Date 1/18/79 Well No. OKF-17
 Latitude 27° 20' 10" Longitude 80° 55' 48"
 Section 15 Township 36S Range 24E
 Owner Larson Dairy Phone (813) 753-7320
 Driller _____ Date Drilled _____

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
 T. Depth - Driller _____ T. Depth - Logger 993'
 Casing Depth Driller _____ Casing Depth Logger 536'
 Bit Size _____ Casing Dia. I.D. 6"
 Hole Dia. 6" From 0' To 536' Dia. From _____ To _____
 Type of Casing steel Casing Thickness .00"
 Type of Screen open hole Screen Int. From _____ To _____
 Type of Packing _____ Well Use cattle
 Static Water Level _____ Date _____
 Yield Flow 30 gpm Pump _____

DATUM

K.B. _____ L.S. _____ T.O.C. 41.54' ms l

FLUID QUALITY

Date 1/16/79 Time 1015 Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 79.4 °F 19°C Field Density _____ @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 782.2 $\mu\text{mhos/cm}$
 Logged By: Anderson & Knittel Witnessed By: Knittel & Anderson
 Comments: _____

TYPE OF SURVEYS RUN

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

OKF-17

SPONTANEOUS POTENTIAL

16" AND 64" NORMAL

