

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	
093.0000.45	03.1.59	W11	OKF-36	KEECHOBEE	027	31	21	081	01	39	

7

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	NW1/4; NE1/4; NE1/4	16	34S	33E	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			19		MSL- ; LS-X ; TOC-

ABOVE L.S.

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	VIKING CORP.	HAROLD BR. QU. M.		763.8526	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	UNK	UNK	UNK	

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).

WELL STATION IDENTIFICATION

FORM RP-38 - Rev. 10/78

PAGE 2 OF 2

(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.	
093.000045	03.15.79	W51	-	89.6	-	19.0	1.00	-	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	STEEL					

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
		W6.10	10	STEEL	1.90	0	19.0	0.50	CEMENT

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
		W6.20	2						

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
		W6.30	3						

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 I. D.	SURVEY DATE	CARD C	LOGGED BY	WITNESSED BY	*	*	*	*	*	*	*	*	*	*
093.0000.450	03.15.79	W71	ANDERSON	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

7

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	WATER	03.15.79	1500

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	73.4									

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			
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.

Jan

WELL STATION IDENTIFICATION

FORM RP-37 - Rev. 10/78

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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	CARD	DATE	C	WELL NO.	COUNTY	LAT DEG	LAT MIN	LAT SEC	LON DEG	LON MIN	LON SEC	
093000045	112879	W11			K.F.-36	KEECHIC	027	31	21	00	081	01	39

WELL LOCATION CARD TWO

1			17	20	37	39	42	45	61
STATION	SURVEY	CARD	QUARTERSECTIONS	SEC	TOWN-SHIP	RANGE	WATER MANAGEMENT DISTRICT PLANNING AREA		
		W12	1/4; 1/4; 1/4	16	34S	33E	KISSIMMEE		

WELL DATUM CARD

1			17	20	26	32	38	44	59
STATION	SURVEY	CARD	KELLY BUSH-ING (FEET)	LAND SUR-FACE (FT)	TOP OF CASING (FT)	OTHER (FT) (SEE NOTES)	DATUM (CHECK ONE)		
		W21			0.0		MSL-; LS-X; TOC-		

WELL OWNERSHIP CARD

1			17	20	37	54	57	64	80
STATION	SURVEY	CARD	NAME OF OWNER	GROVE/PROPERTY NAME	AREA CODE	TELEPHONE	WELL USE		
		W31							

WELL ORIGIN CARD

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

NOTES: COLUMNS 1-16 ARE DUPLICATED IN EACH CARD.
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WELL STATION IDENTIFICATION

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PAGE 2 OF 2

(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.	
09.3.0.0.0.0.45	11.28.79	W5.1		89.6		190	88.0		YES- ; 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					

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	10	STEEL	9.0				

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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 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	SURVEY	CARD	LOGGED BY	WITNESSED BY	*	*	*	*	*	*	*	*	*	*
I. D.	DATE	C			A	B	C	D	E	F	G	H	I	J
0936000451	112879	W71	ANDERSON	DAUENHAUER	X					X			XX	

*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	WELLHEAD	WATER	112879	1000

FLUID QUALITY CARD TWO

1	17	20	25	32	35	41	47	53	60	64	70	75
STATION	SURVEY	CARD	TEMP. OF	C 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	78.20	F				17800				4000 gpm

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.



WELL LOG

WELL LOCATION

County Okeechobee
 Station I. D. 093000045
 Date 3/15/79 Well No. OKF-36
 Latitude 27° 31' 21" Longitude 81° 1' 39"
 Section 18 Township 34S Range 33E
 Owner Yfiling Corp. Phone (813) 763-6526
 Driller unknown Date Drilled _____
 Drilling Method: Rot. Air CT Auger Other
 T. Depth - Driller _____ T. Depth - Logger 396'
 Casing Depth Driller _____ Casing Depth Logger 190'
 Bit Size _____ Casing Dia. I.D. 9.0"
 Hole Dia. From _____ To _____ Dia. From _____ To _____
 Type of Casing steel Casing Thickness .50"
 Type of Screen _____ Screen Int. From _____ To _____
 Type of Packing _____ Well Use cattle
 Static Water Level _____ Date _____
 Yield Flw _____ Pump _____

DATUM

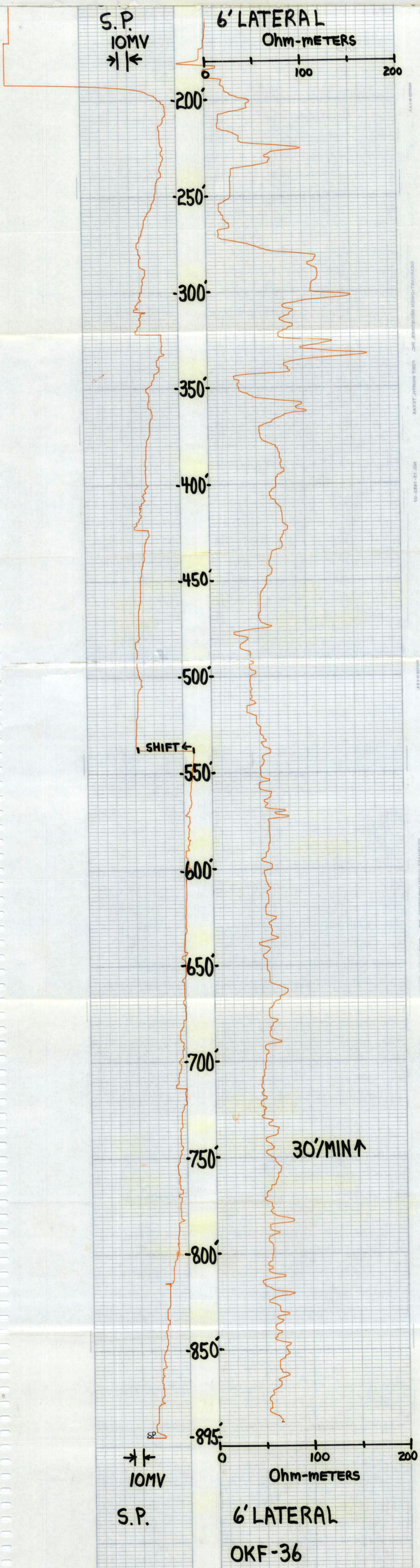
K.B. _____ L.S. _____ T.O.C. X

FLUID QUALITY

Date 3/15/79 Time 1500 Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 73.4 °F 9C Field Density _____ @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. _____ μmhos/cm
 Logged By: Anderson Witnessed By: Palusa
 Comments: _____

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





WELL LOG

WELL LOCATION

County Okeechobee

Station I. D. 0 9 3 0 0 0 4 5

Date 3/15/79 Well No. OKF-36

Latitude 27° 31' 24" Longitude 81° 1' 24"

NW ¼ NE ¼ NE ¼ Section 16 Township 34S Range 33E

Owner Viking Corp. Phone (813) 763-8526

Driller unknown Date Drilled _____

DATUM

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

FLUID QUALITY

Date 3/15/79 Time 1500 Source of Sample wellhead

Cl _____ mg/l Type of Fluid water

Temp. 73.4 °F % Field Density _____ @ _____ °C

T.D.S. _____ mg/l Spec. Cond. _____ μmhos/cm

Logged By: Anderson Witnessed By: Paluga

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____

T. Depth - Driller _____ T. Depth - Logger 896'

Casing Depth Driller _____ Casing Depth Logger 190'

Bit Size _____ Casing Dia. I.D. 7.0"

Hole Dia. _____ From _____ To _____ Dia. _____ From _____ To _____

Type of Casing steel Casing Thickness .50"

Type of Screen _____ Screen Int. From _____ To _____

Type of Packing _____ Well Use cattle

Static Water Level _____ Date _____

Yield Flow _____ Pump _____

Comments:

TYPE OF SURVEYS RUN

Lateral 6'	XX	Density	()
Caliper	XX	ocl	XX
Flow meter	XX	Fluid Sampler	()
18', 64" normals	XX	Temperature	XX
Neutron	XX	Delta Temp.	XX
Natural Gamma	XX	SP	XX
Fluid Resistivity	XX		

OKF-36

FLOWMETER

100 CPS

0

-50'

50'/MIN ↓

-100'

-150'

-200'

-250'

-300'

-350'

-400'

-450'

-500'

LOST FLOW

-550'

-600'

LOST FLOW

-650'

-700'

-750'

-800'

-850'

LOST FLOW

-895'

100 CPS

0

FLOWMETER

OKF-36



WELL LOG

WELL LOCATION

County Okeechobee
 Station I. D. 093000045
 Date 3/15/79 Well No. OKF-36
 Latitude 27° 31' 21" Longitude 81° 1' 39"
1/4 NW 1/4 NE Section 16 Township 34S Range 33E
 Owner Viking Corp. Phone (813) 763-8526
 Driller unknown Date Drilled _____

DATUM

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

FLUID QUALITY

Date 3/15/79 Time 1500 Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 73.4 °F Field Density @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. _____ μmhos/cm
 Logged By: Anderson Witnessed By: Paluga

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
 T. Depth - Driller _____ T. Depth - Logger 896'
 Casing Depth Driller _____ Casing Depth Logger 190'
 Bit Size _____ Casing Dia. I.D. 10" 9.0"
 Hole Dia. _____ From _____ To _____
 Type of Casing steel Casing Thickness XXXX .50"
 Type of Screen _____ Screen Int. From _____ To _____
 Type of Packing _____ Well Use cattle
 Static Water Level _____ Date _____
 Yield Flow _____ Pump _____

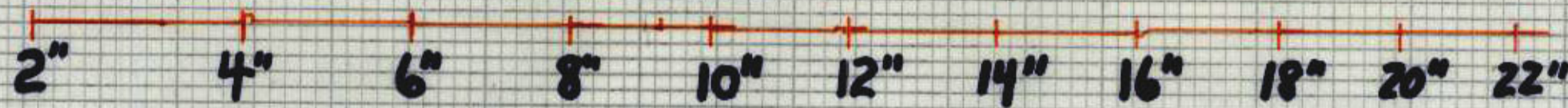
Comments:

TYPE OF SURVEYS RUN

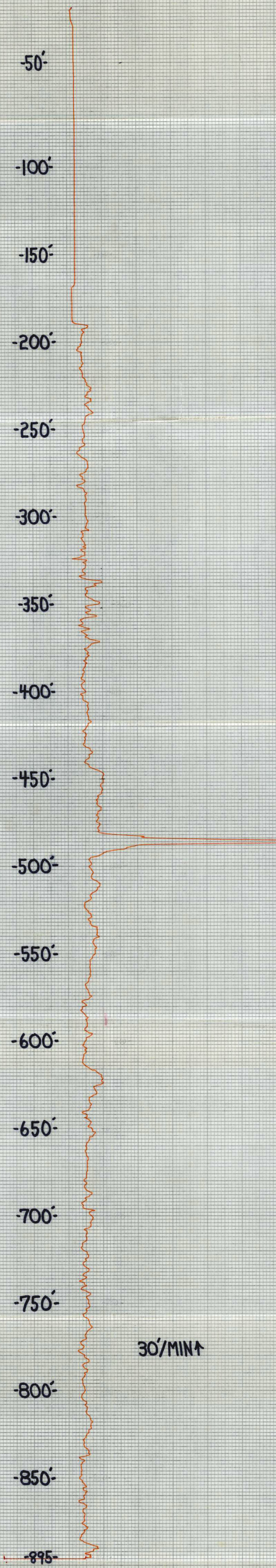
Lateral 6' ()
 Caliper (X)
 Flow meter (X)
 16", 64" normals (X)
 Neutron (X)
 Natural Gamma (X)
 Fluid Resistivity (X)
 Density ()
 ocl (X)
 Fluid Sampler ()
 Temperature (X)
 Delta Temp. (X)
 SP (X)

OKF-36

HOLE DIA.



CALIPER



CALIPER

OKF-36



WELL LOG

WELL LOCATION

County Okechobee
 Station I. D. 0 0 0 0 0 0 4 5
 Date 3/15/79 Well No. OKF-36
 Latitude 27° 31' 21" Longitude 81° 1' 39"
 1/4 SW 1/4 SE Section 16 Township 34S Range 33E
 Owner Viking Corp. Phone (813) 763-8526
 Driller unknown Date Drilled _____

DATUM

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

FLUID QUALITY

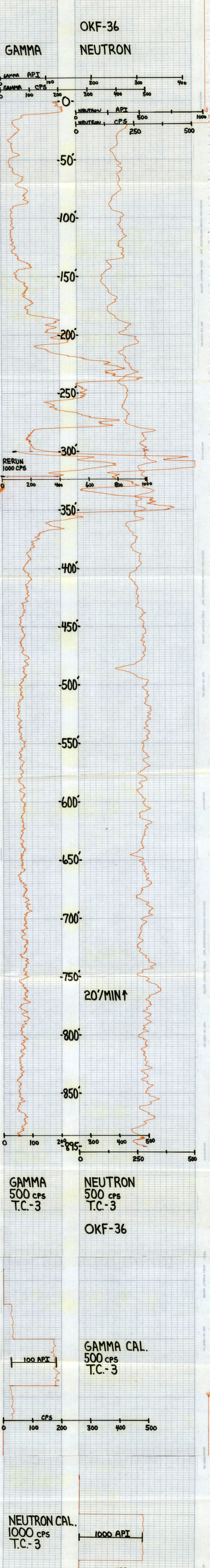
Date 3/15/79 Time 1500 Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 73.4 °F °C Field Density _____ °C
 T.D.S. _____ mg/l Spec. Cond. _____ µmhos/cm
 Logged By: Anderson Witnessed By: Paluga

WELL CONSTRUCTION

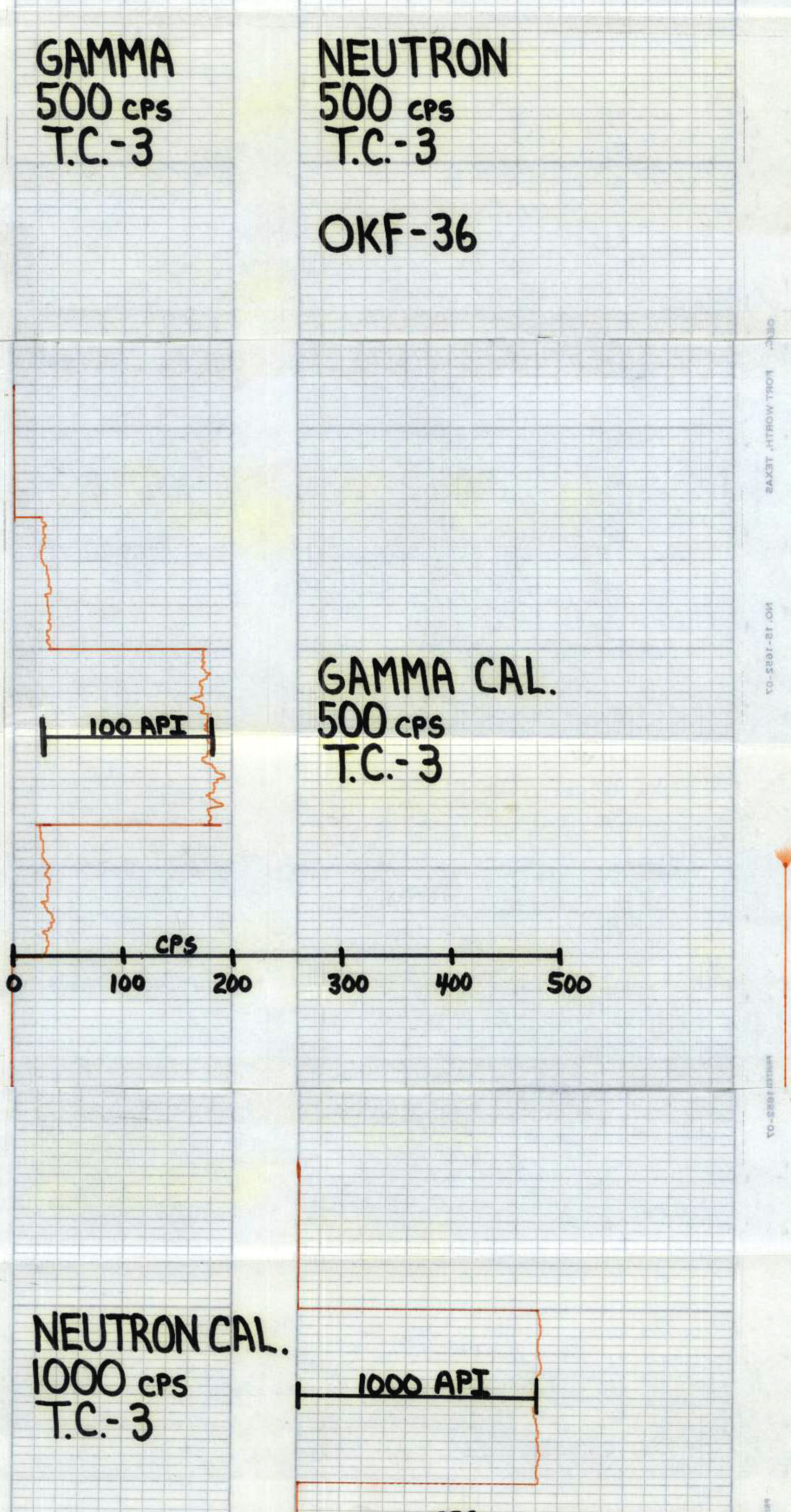
Drilling Method: Rot. Air CT Auger Other _____
 T. Depth - Driller _____ T. Depth - Logger 896'
 Casing Depth Driller _____ Casing Depth Logger 190'
 Bit Size _____ Casing Dia. I.D. 9.0"
 Hole Dia. _____ From _____ To _____ Dia. _____ From _____ To _____
 Type of Casing steel Screen Thickness .50"
 Type of Screen _____ Screen Int. From _____ To _____
 Type of Packing _____ Well Use cattle
 Static Water Level _____ Date _____
 Yield Flow _____ Pump _____

TYPE OF SURVEYS RUN

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



C.C.L.





WELL LOG

WELL LOCATION

County Okeechobee
 Station I. D. 0 9 3 0 0 0 4 5
 Date 3/15/79 Well No. OKF-36
 Latitude 27° 31' 21" Longitude 81° 1' 39"
1/4 NW 1/4 NE Section 16 Township 34S Range 33E
 Owner Viking Corp. Phone (813) 763-8526
 Driller unknown Date Drilled _____

DATUM

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

FLUID QUALITY

Date 3/15/79 Time 1500 Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 73.4 °F X Field Density @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. _____ μmhos/cm
 Logged By: Anderson Witnessed By: Paluga
 Comments: _____

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
 T. Depth - Driller _____ T. Depth - Logger 895'
 Casing Depth Driller _____ Casing Depth Logger 190'
 Bit Size _____ Casing Dia. I.D. 4 1/2" 9.0"
 Hole Dia. From _____ To _____ Dia. From _____ To _____
 Type of Casing steel Casing Thickness XXXXXXX .5"
 Type of Screen _____ Screen Int. From _____ To _____
 Type of Packing _____ Well Use cattle
 Static Water Level _____ Date _____
 Yield Flow _____ Pump _____

TYPE OF SURVEYS RUN

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

OKF-36

FLUID RESISTIVITY

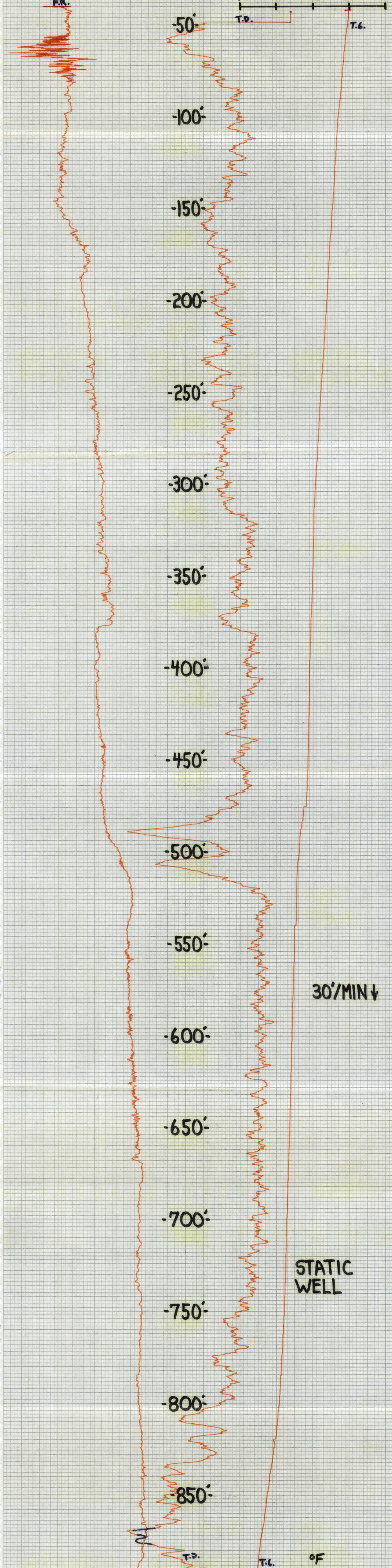
TEMPERATURE DIFFERENTIAL

TEMPERATURE GRADIENT

Ohm-METERS

26 24 22 20 18 16 14 12 10 8 6 4 2 0

FR. 80 78 76 74 72 °F T.D. T.G.



26 24 22 20 18 16 14 12 10 8 6 4 2 0

Ohm-METERS

FLUID RESISTIVITY

TEMPERATURE DIFFERENTIAL

TEMPERATURE GRADIENT

OKF-36



WELL LOG

WELL LOCATION

County OKEECHOBEE
Station I. D. 093000045
Date 11-28-79 Well No. OKF-36
Latitude 027° 31' 21.00" Longitude 081° 01' 39.00"
Section 16 Township 34S Range 33E
Owner _____ Phone _____
Driller _____ Date Drilled _____

DATUM

K.B. _____ L.S. _____ T.O.C. 0.0 L.S.

FLUID QUALITY

Date 11-28-79 Time 1000 Source of Sample WELL HEAD
Cl _____ mg/l Type of Fluid WATER
Temp. 78.20° F Field Density _____ @ _____ °C
T.D.S. _____ mg/l Spec. Cond. 1780.0 umhos/cm
Logged By: ANDERSON S. Witnessed By: DAVENHAUER P.

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
T. Depth - Driller _____ T. Depth - Logger 896'
Casing Depth Driller _____ Casing Depth Logger 190'
Bit Size _____ Casing Dia. I.D. 8.80"
Hole Dia. 9.0 From 0 To 190' Dia. From _____ To _____
Type of Casing STEEL Casing Thickness 0.3"
Type of Screen OPEN HOLE Screen Int. From 190' To 896'
Type of Packing _____ Well Use ABANDONED
Static Water Level _____ Date _____
Yield Flow _____ Pump 400.0 G.P.M.

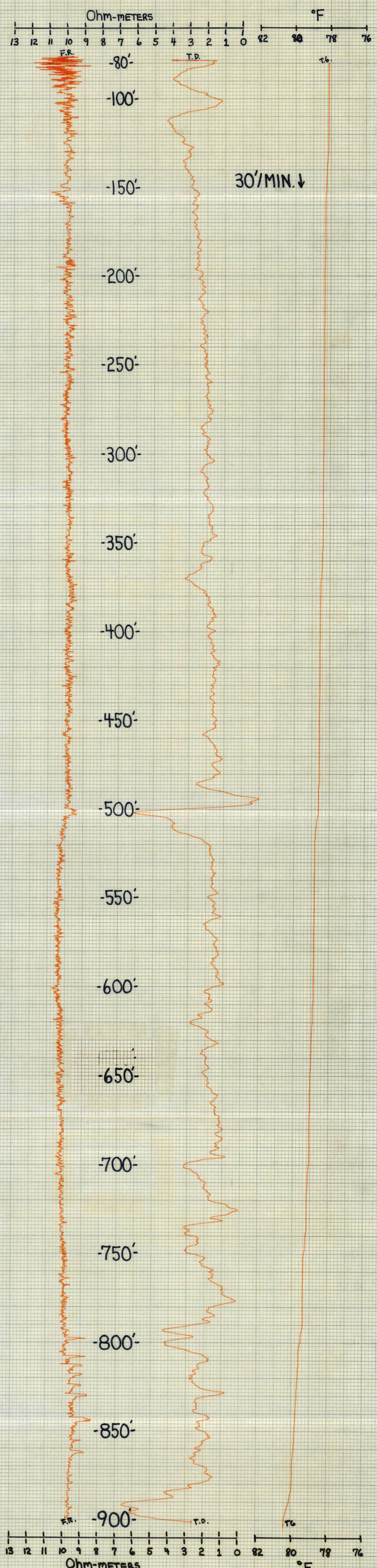
Comments: TO GO WITH LOGS RUN ON 3-15-79

TYPE OF SURVEYS RUN

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

OKF-36

FLUID RESISTIVITY TEMPERATURE DIFFERENTIAL TEMPERATURE GRADIENT



FLUID RESISTIVITY TEMPERATURE DIFFERENTIAL TEMPERATURE GRADIENT

OKF-36



WELL LOG

WELL LOCATION

County OKEECHOBEE
Station I. D. 093000045
Date 11-28-79 Well No. OKF-36
Latitude 027° 31' 21.00" Longitude 081° 01' 39.00"
Section 16 Township 34S Range 33E
Owner _____ Phone _____
Driller _____ Date Drilled _____

DATUM

K.B. _____ L.S. _____ T.O.C. 0.0 L.S.

FLUID QUALITY

Date 11-28-79 Time 1000 Source of Sample WELL HEAD
Cl _____ mg/l Type of Fluid WATER
Temp. 78.20° F Field Density _____ @ _____ °C
T.D.S. _____ mg/l Spec. Cond. 1780.0 umhos/cm

Logged By: ANDERSON S. Witnessed By: DAVENHAVER P.

WELL CONSTRUCTION

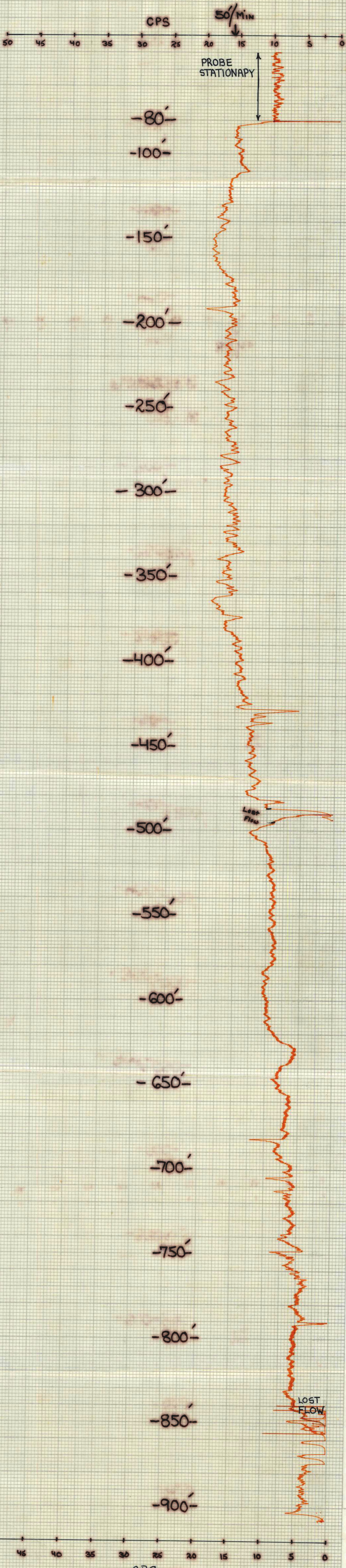
Drilling Method: Rot. Air CT Auger Other _____
T. Depth - Driller _____ T. Depth - Logger 896'
Casing Depth Driller _____ Casing Depth Logger 190'
Bit Size _____ Casing Dia. I.D. 8.80"
Hole Dia. 9.0 From 0 To 190' Dia. From _____ To _____
Type of Casing STEEL Casing Thickness 0.3"
Type of Screen OPEN HOLE Screen Int. From 190' To 896'
Type of Packing _____ Well Use ABANDONED
Static Water Level _____ Date _____
Yield Flow _____ Pump 400.0 G.P.M.

Comments: TO GO WITH LOGS RUN ON 3-15-79

TYPE OF SURVEYS RUN

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

OKF-36
FLOWMETER





WELL LOG

WELL LOCATION

County Okechobee
 Station I. D. 091000045
 Date 3/15/79 Well No. OKF-36
 Latitude 27° 31' 21" Longitude 079° 1' 39"
 Section 16 Township 34S Range 13E
 Owner Viking Corp. Phone (813) 763-0526
 Driller unknown Date Drilled _____

DATUM

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

FLUID QUALITY

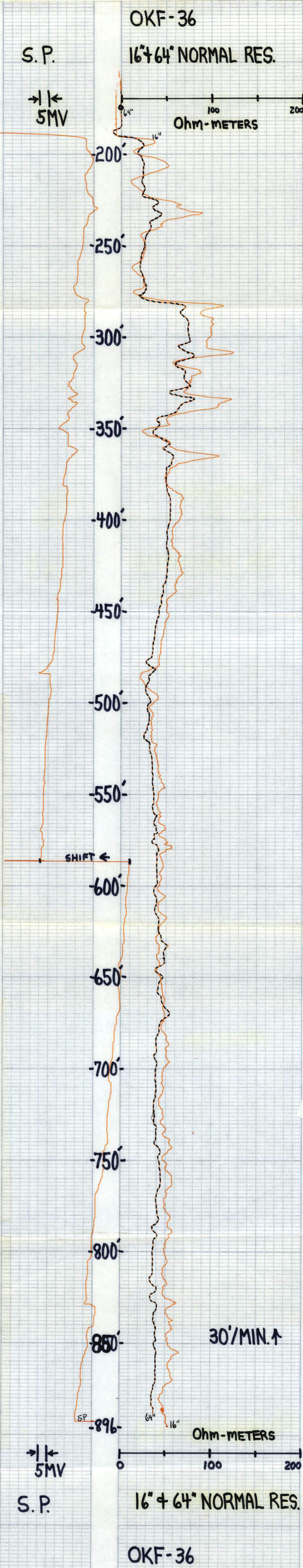
Date 3/15/79 Time 1800 Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 71.4 °C Field Density _____ @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. _____ umhos/cm
 Logged By: Anderson Witnessed By: Palma
 Comments: _____

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other _____
 T. Depth - Driller _____ T. Depth - Logger 896'
 Casing Depth Driller _____ Casing Depth Logger 190'
 Bit Size _____ Casing Dia. I.D. 8.0"
 Hole Dia. _____ From _____ To _____ Dia. _____ From _____ To _____
 Type of Casing steel Casing Thickness .50"
 Type of Screen _____ Screen Int. From _____ To _____
 Type of Packing _____ Well Use cattle
 Static Water Level _____ Date _____
 Yield Flow _____ Pump _____

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 ()





WELL LOG

WELL LOCATION

County Okechobee
 Station I. D. 09300045
 Date 3/15/79 Well No. OKF-36
 Latitude 27° 31' 21" Longitude 81° 1' 39"
1/4 1/4 1/4 1/4 Section 16 Township 34S Range 33E
 Owner Viking Corp. Phone (813) 763-0526
 Driller unknown Date Drilled _____

DATUM

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

FLUID QUALITY

Date 3/15/79 Time 1500 Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 73.4 °F @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. _____ μmhos/cm
 Logged By: Anderson Witnessed By: Paluga

WELL CONSTRUCTION

Drilling Method: Rot. air CT Auger _____ Other _____
 T. Depth - Driller _____ T. Depth - Logger 896'
 Casing Depth Driller _____ Casing Depth Logger 190'
 Bit Size _____ Casing Dia. I.D. 9.0"
 Hole Dia. _____ From _____ To _____ Dia. _____ From _____ To _____
 Type of Casing steel Casing Thickness .50"
 Type of Screen _____ Screen Int. From _____ To _____
 Type of Packing _____ Well Use cattle
 Static Water Level _____ Date _____
 Yield Flow _____ Pump _____

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

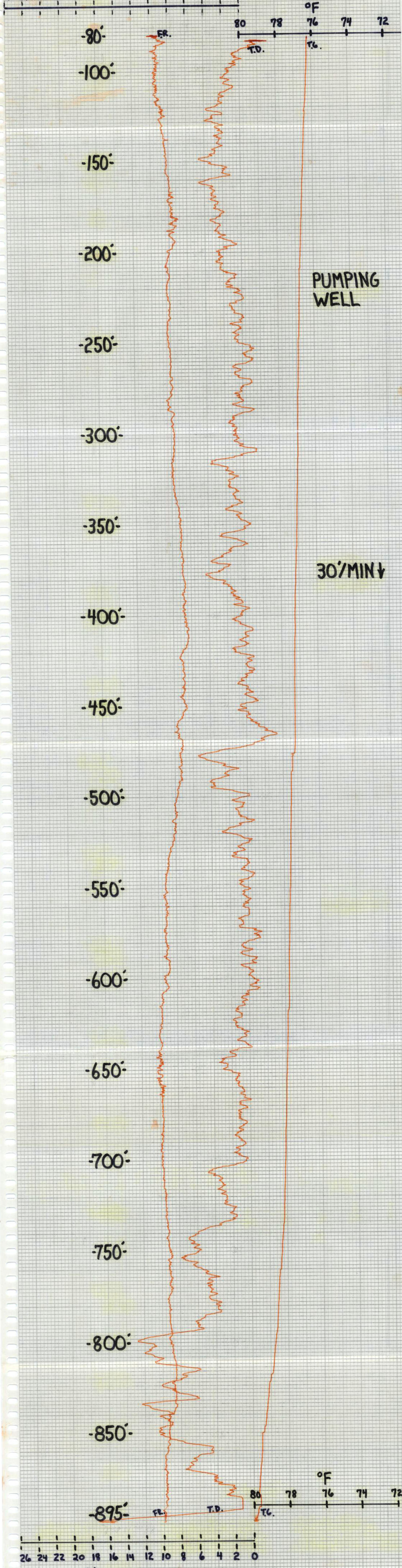
OKF-36

FLUID RESISTIVITY

TEMPERATURE DIFFERENTIAL

TEMPERATURE GRADIENT

Ohm-METERS



Ohm-METERS

FLUID RESISTIVITY

TEMPERATURE DIFFERENTIAL

TEMPERATURE GRADIENT

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