

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 I. D.	SURVEY DATE	CARD C	WELL NO.	COUNTY	LAT DEG	LAT MIN	LAT SEC	LON DEG	LON MIN	LON SEC	
0710000130	40682	W11	LE-028	LEE	026	38	34.00	081	41	50.00	

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	1/4; 1/4; 1/4	5	44S	26E	LOWER WEST COAST

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		30			MSL- ; LS- ; TOC-X

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	E. C. WELL AUTH.				CORE HOLE

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	B. O. G.	TALLAHASSEE	CORE RIG	

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

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.	
0710000130	40682	W5.1	7.70	7.70					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					

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	40	0		03	

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						

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.

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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
					K	L	M	N	O	P	Q	R	S	T
0710000913040682	W71	S. ANDERSON		P. DAUENHAUER	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	WELLHEAD	FORMATION WATER	04.06.82	14.00

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	84.6 °F					2332				

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.

10/78

WELL STATION IDENTIFICATION

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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 I. D.	SURVEY DATE	CARD C	WELL NO.	COUNTY	LAT DEG	LAT MIN	LAT SEC	LON DEG	LON MIN	LON SEC	
0710000013030582		W11	LE-028	LEE	028	38	34	081	41	50	

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	1/4; 1/4; 1/4	15	44S	26E	

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			30		MSL- ; LS- ; TOC-X

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	E. C. WELL AUTH.				

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	B. O. G.		WIRE LINE CORE	

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.	
07100001	3030587	W5.1	770	770					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	0	STEEL	40	0	770		

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						

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.

Tip

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
07.10000	13030582	W71	M. BRAUN	S. BURNS		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				

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										

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.

100



WELL LOG

WELL LOCATION

County LEE
Station I. D. 071000013
Date 04-06-82 Well No. LE-028
Latitude 026°-38'-34" Longitude 081°-41'-50"
Section 15 Township 44S Range 26E
Owner E.C. Well Auth. Phone _____
Driller B.O.G. Date Drilled 04-06-82

DATUM

K.B. _____ L.S. 3.0+ T.O.C. _____

FLUID QUALITY

Date 04-06-82 Time 1400 Source of Sample Wellhead
Cl _____ mg/l Type of Fluid Formation Water
Temp. 84.6°F Field Density @ _____ °C
T.D.S. _____ mg/l Spec. Cond. 2332.0 umhos/cm
Logged By: S. Anderson Witnessed By: P. Dauenhauer

WELL CONSTRUCTION

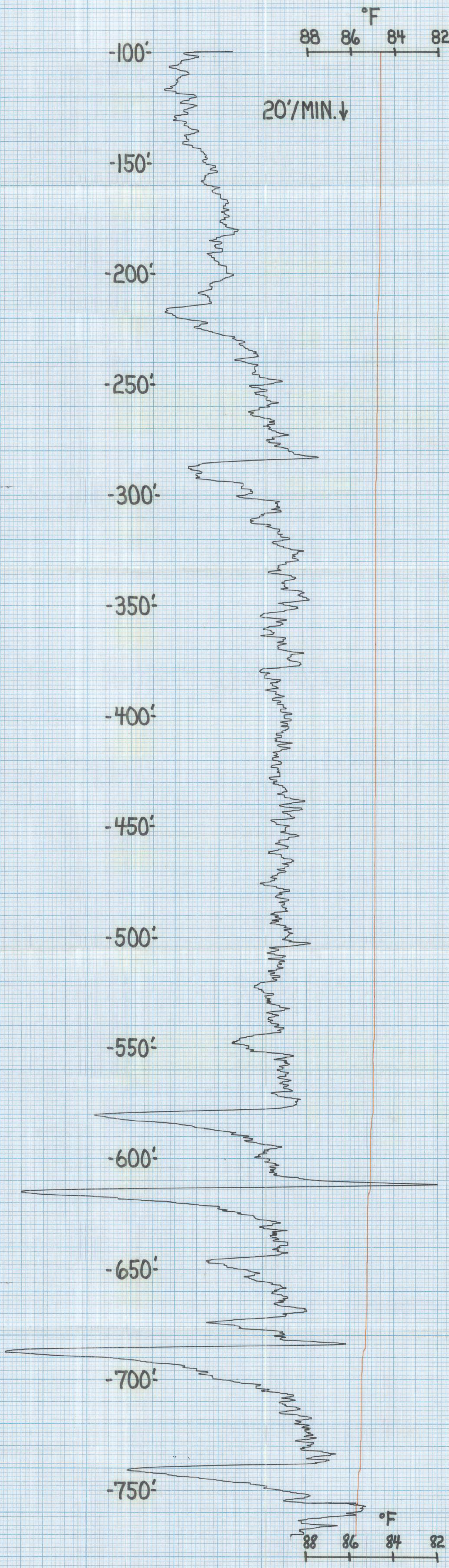
Drilling Method: Rot. Air CTX Auger _____ Other Coring/W-Line
T. Depth - Driller _____ T. Depth - Logger 770'
Casing Depth Driller 770' Casing Depth Logger 750'
Bit Size _____ Casing Dia. I.D. 0.3
Hole Dia. 4" From _____ To _____ Dia. From _____ To _____
Type of Casing Steel Casing Thickness _____
Type of Screen Open Hole Screen Int. From _____ To _____
Type of Packing _____ Well Use Core Hole
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
Fluid Sampler
Temperature
Delta Temp.
SP

LE-028

TEMPERATURE DIFFERENTIAL TEMPERATURE GRADIENT



TEMPERATURE DIFFERENTIAL TEMPERATURE GRADIENT

LE-028

RECORDED/SEARCHED INDEXED/SERIALIZED GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK



WELL LOG

WELL LOCATION

County LEE
Station I. D. 071000013
Date 04-06-82 Well No. LE-028
Latitude 026°38'34" Longitude 081°41'50"
1/4 1/4 1/4 Section 15 Township 44S Range 26E
Owner E.C. Well Auth. Phone _____
Driller B.O.G. Date Drilled 04-06-82

DATUM

K.B. _____ L.S. 3.0+ T.O.C. _____

FLUID QUALITY

Date 04-06-82 Time 1400 Source of Sample Wellhead
Cl _____ mg/l Type of Fluid Formation Water
Temp. 84.6°F ● Field Density _____ @ _____ °C
T.D.S. _____ mg/l Spec. Cond. 2332.0 μmhos/cm
Logged By: S. Anderson Witnessed By: P. Dauenbauer

WELL CONSTRUCTION

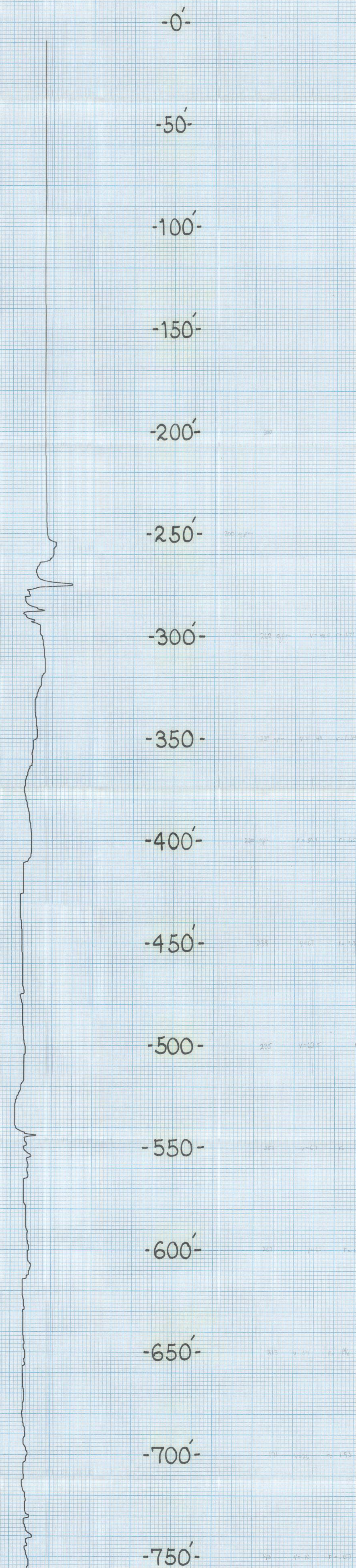
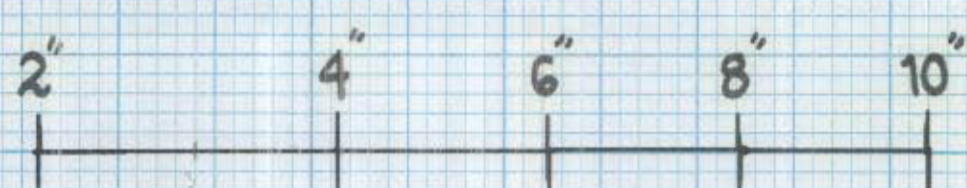
Drilling Method: Rot. Air CT; Auger _____ Other Coring/W-Line
T. Depth - Driller _____ T. Depth - Logger 770'
Casing Depth Driller 770' Casing Depth Logger 770' 252'
Bit Size _____ Casing Dia. I.D. 03
Hole Dia. 4" From _____ To _____ Dia. From _____ To _____
Type of Casing Steel Casing Thickness _____
Type of Screen Open Hole Screen Int. From _____ To _____
Type of Packing _____ Well Use Core Hole
Static Water Level _____ Date _____
Yield Flow _____ Pump _____

Comments:

TYPE OF SURVEYS RUN

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

LE-028
CALIPER



CALIPER
LE-028

RECORDED CHART GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK 6339 PRINTED IN U.S.A.



WELL LOG

WELL LOCATION

County LEE

Station I. D. 071000013

Date 04-06-82 Well No. LE-028

Latitude 026-38-34 Longitude 081-41-50

Section 15 Township 44S Range 26E

Owner E.C. Well Auth. Phone _____

Driller B.O.G. Date Drilled 04-06-82

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other Coring/W-Line

T. Depth - Driller _____ T. Depth - Logger 770'

Casing Depth Driller 770' Casing Depth Logger 770' 2.58'

Bit Size _____ Casing Dia. I.D. 03

Hole Dia. 4" 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 Core Hole

Static Water Level _____ Date _____

Yield Flow _____ Pump _____

DATUM

K.B. _____ L.S. 3.0+ T.O.C. _____

FLUID QUALITY

Date 04-06-82 Time 1400 Source of Sample Wellhead

Cl _____ mg/l Type of Fluid Formation Water

Temp. 84.6°F Field Density _____ @ _____ °C

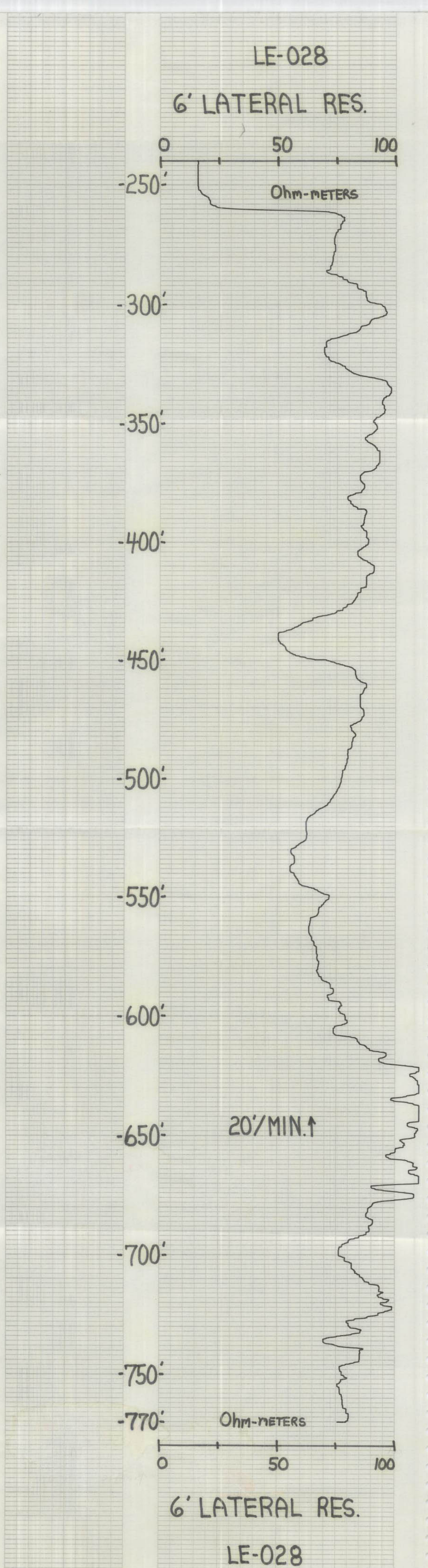
T.D.S. _____ mg/l Spec. Cond. 2332.0 umhos/cm

Logged By: S. Anderson Witnessed By: P. Daubenauer

Comments: _____

TYPE OF SURVEYS RUN

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





WELL LOG

WELL LOCATION

County LEE
 Station I. D. 071000013
 Date 04-06-82 Well No. LE-028
 Latitude 026°38'34" Longitude 081°41'50"
 Section 15 Township 44S Range 26E
 Owner E.C. Well Auth. Phone _____
 Driller B.O.G. Date Drilled 04-06-82

DATUM

K.B. _____ L.S. 3.0' T.O.C. _____

FLUID QUALITY

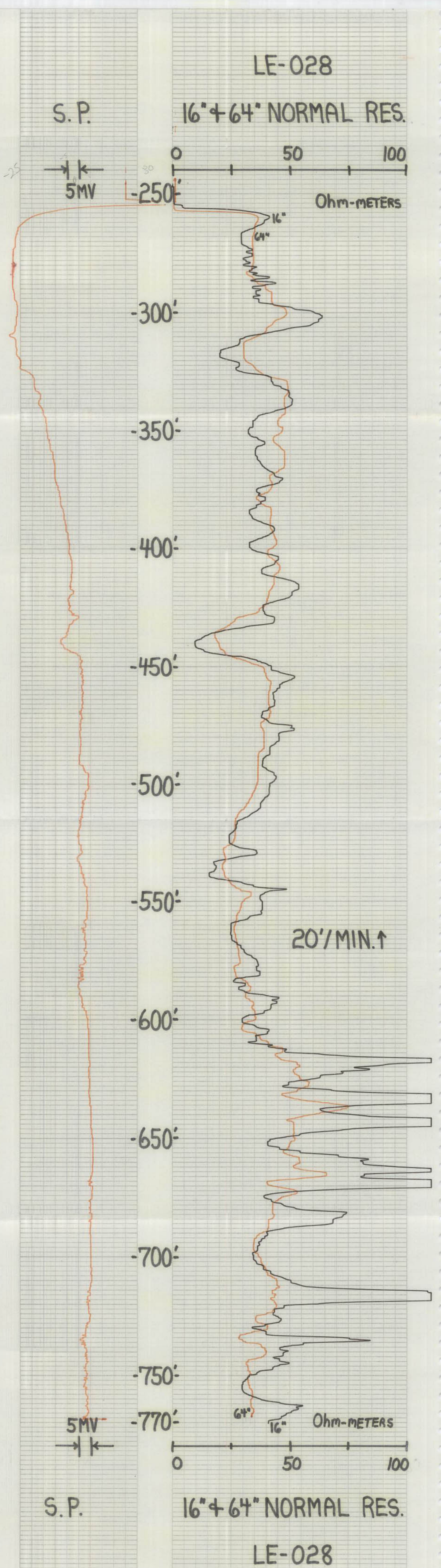
Date 04-06-82 Time 1400 Source of Sample Wellhead
 Cl _____ mg/l Type of Fluid Formation Water
 Temp. 84.6°F Field Density _____ @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 2332.0 μ mhos/cm
 Logged By: S. Anderson Witnessed By: P. Dauenhauer
 Comments: _____

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other Coring/W-Line
 T. Depth - Driller _____ T. Depth - Logger 770'
 Casing Depth Driller 770' Casing Depth Logger 750' 252'
 Bit Size _____ Casing Dia. I.D. 03
 Hole Dia. 4" 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 Core Hole
 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 LEE
Station I. D. 071000013
Date 04-06-82 Well No. LE-028
Latitude 026°-38'-34" Longitude 081°-41'-50"
Section 15 Township 44S Range 26E
Owner E.C. Well Auth. Phone _____
Driller B.O.G. Date Drilled 04-06-82

DATUM

K.B. _____ L.S. 3.0+ T.O.C. _____

FLUID QUALITY

Date 04-06-82 Time 1400 Source of Sample Wellhead
Cl _____ mg/l Type of Fluid Formation Water
Temp. 84.6°F Field Density _____ @ _____ °C
T.D.S. _____ mg/l Spec. Cond. 2332.0 umhos/cm
Logged By: S. Anderson Witnessed By: P. Dauenhauer
Comments: _____

WELL CONSTRUCTION

Drilling Method: Rot. Air Auger Other Coring/W-Line
T. Depth - Driller _____ T. Depth - Logger 770'
Casing Depth Driller 770' Casing Depth Logger 770' 262'
Bit Size _____ Casing Dia. I.D. 0.3
Hole Dia. 4" 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 Cone Hole
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

LE-028

FLUID RESISTIVITY

Ohm-METERS

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

-150'

-200'

-250'

-300'

-350'

-400'

-450'

-500'

-550'

-600'

-650'

-700'

20'/MIN. ↑

-750'

-770'

Ohm-METERS

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

LE-028

PRINTED IN U.S.A. 6339



WELL LOG

WELL LOCATION

County LEE
 Station I. D. 071000013
 Date 04-06-82 Well No. LE-028
 Latitude 026-38-34 Longitude 081-41-50
 Section 15 Township 44S Range 26E
 Owner E.C. Well Auth. Phone _____
 Driller B.O.G. Date Drilled 04-06-82

DATUM

K.B. _____ L.S. 3.0+ T.O.C. _____

FLUID QUALITY

Date 04-06-82 Time 1400 Source of Sample Wellhead
 Cl _____ mg/l Type of Fluid Formation Water
 Temp. 84.6°F Field Density _____ @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 23320 μmhos/cm
 Logged By: S. Anderson Witnessed By: P. Dauenbauer
 Comments: BUCKINGHAM CORE HOLE

WELL CONSTRUCTION

Drilling Method: Rot. Air Auger _____ Other Coring/W-line
 T. Depth - Driller 770' T. Depth - Logger 770'
 Casing Depth Driller 770' Casing Depth Logger 752'
 Bit Size _____ Casing Dia. I.D. 03
 Hole Dia. 4" 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 Core Hole
 Static Water Level _____ Date _____
 Yield Flow _____ Pump _____

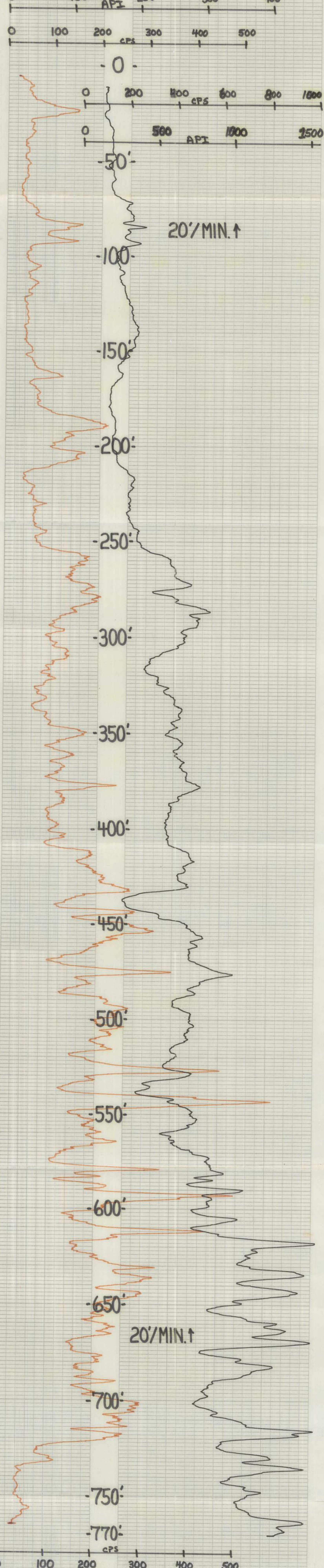
TYPE OF SURVEYS RUN

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

LE-028

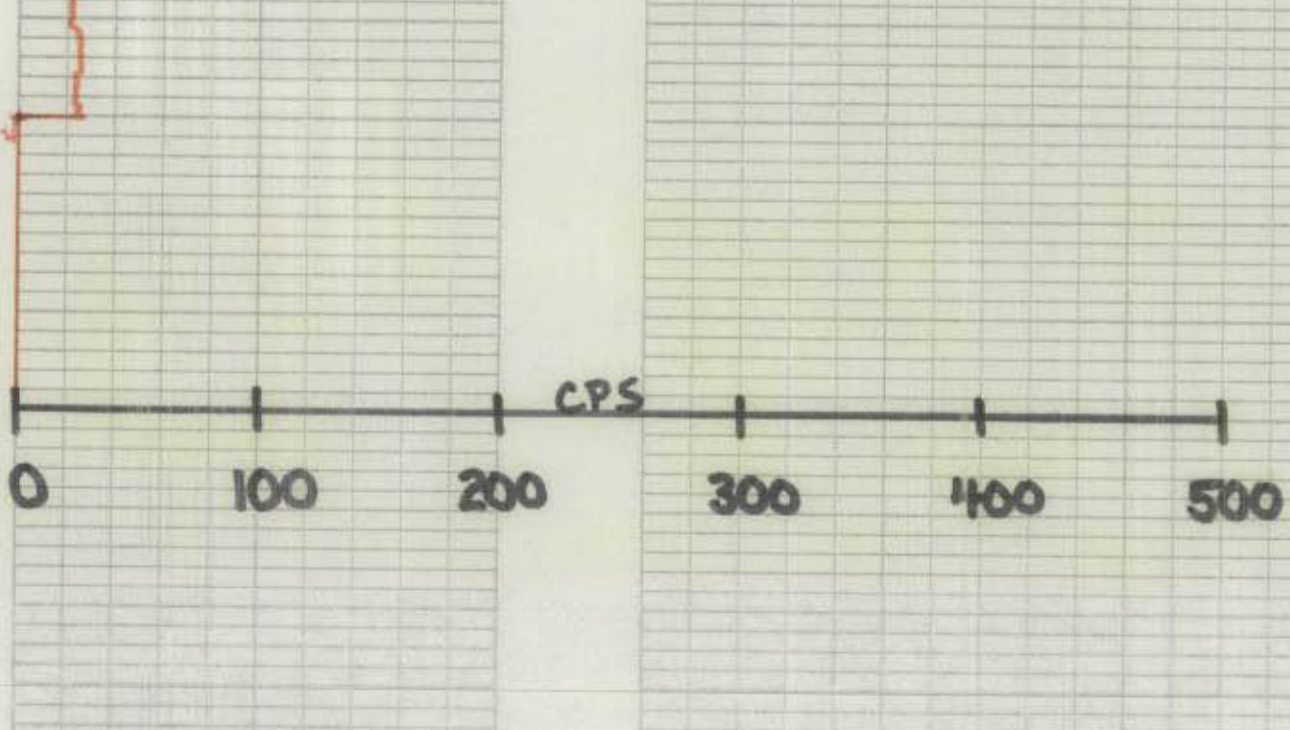
GAMMA

NEUTRON

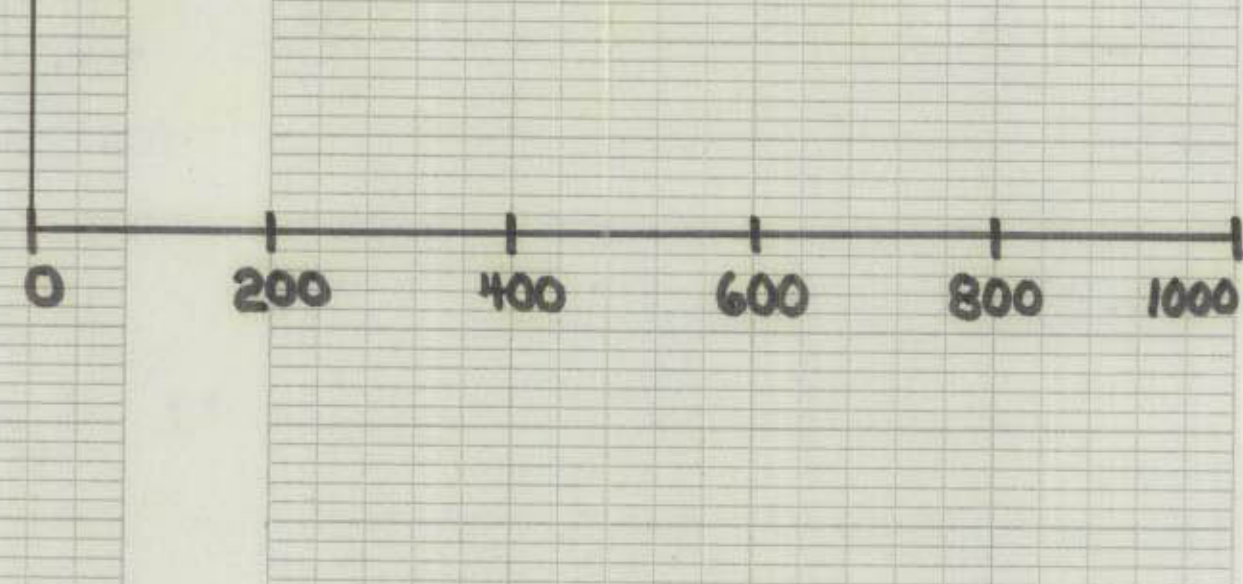


GAMMA 500 cps T.C.-2
 NEUTRON 1000 cps T.C.-3

GAMMA CAL.
 500 cps
 T.C.-2



NEUTRON CAL.
 1000 cps
 T.C.-3





WELL LOG

WELL LOCATION

County LEE
 Station I. D. 071000013
 Date 03-05-82 Well No. LE-028
 Latitude 036°-38'-34" Longitude 081°-41'-50"
 Section 15 Township 44S Range 26E
 Owner E.C. WELL AUTH. Phone _____
 Driller B.O.G. Date Drilled _____

DATUM

K.B. _____ L.S. _____ T.O.C. 3'

FLUID QUALITY

Date _____ Time _____ Source of Sample WELL HEAD
 Cl _____ mg/l Type of Fluid FORMATION WATER
 Temp. _____ °C Field Density _____ @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. _____ μmhos/cm
 Logged By: M. Braun Witnessed By: S. Burns

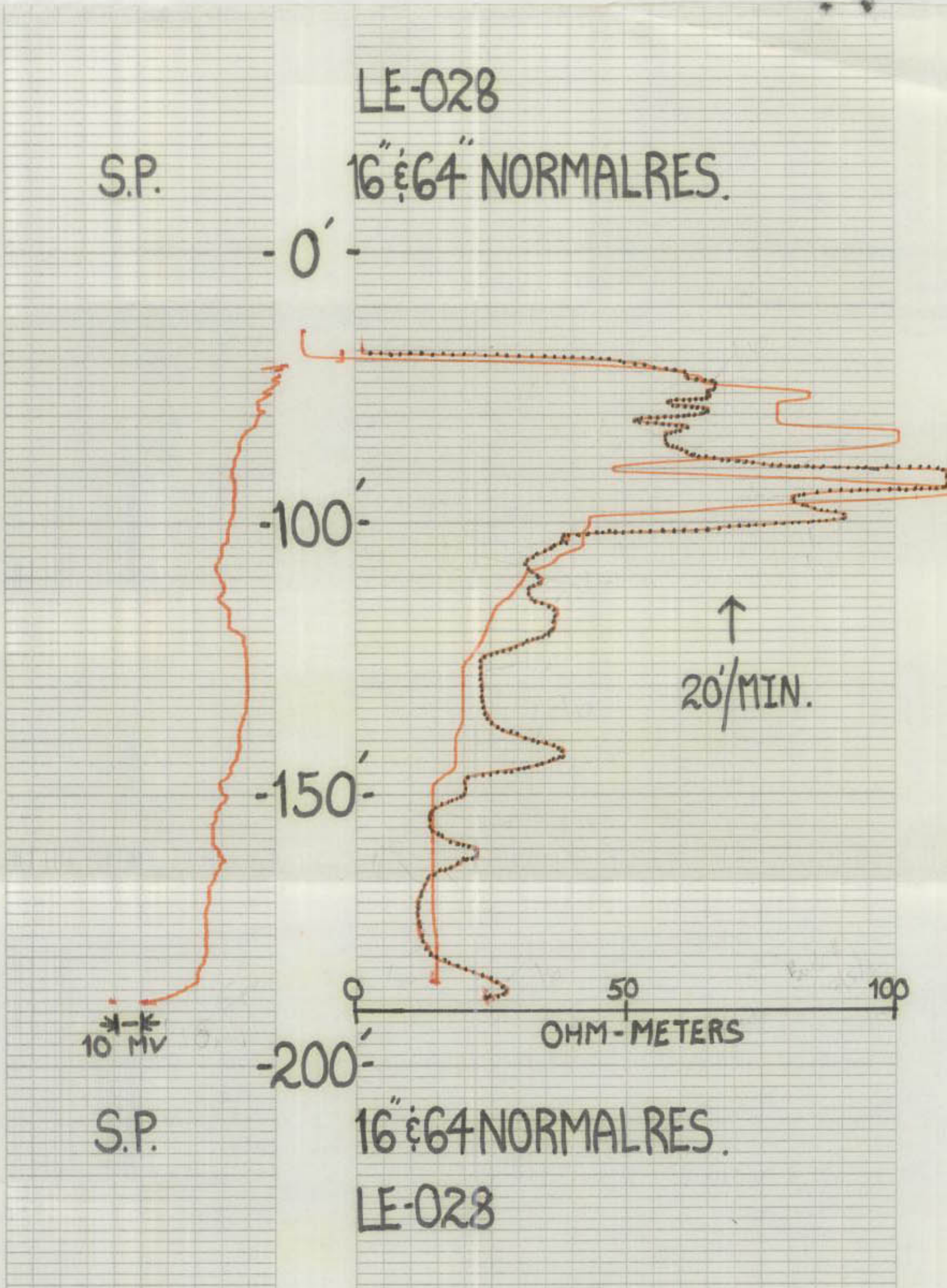
WELL CONSTRUCTION

Drilling Method: Rot. Air Auger Other Wire line Core
 T. Depth - Driller 770' T. Depth - Logger 770'
 Casing Depth Driller _____ Casing Depth Logger _____
 Bit Size _____ Casing Dia. I.D. _____
 Hole Dia. 4" 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 CORE HOLE
 Static Water Level _____ Date _____
 Yield Flow _____ Pump _____

Comments:

TYPE OF SURVEYS RUN

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





WELL LOG

WELL LOCATION

County LEE
 Station I. D. 071000013
 Date 04-06-82 Well No. LE-028
 Latitude 026°38'34" Longitude 081°41'50"
 Section 15 Township 44S Range 26E
 Owner E.C. Well Auth. Phone _____
 Driller B.O.G. Date Drilled 04-06-82

DATUM

K.B. _____ L.S. 3.0' T.O.C. _____

FLUID QUALITY

Date 04-06-82 Time 1400 Source of Sample Wellhead
 Cl _____ mg/l Type of Fluid Formation Water
 Temp. 84.6°F Field Density _____ @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 2332.0 umhos/cm
 Logged By: S. Anderson Witnessed By: P. Dauenhauer

WELL CONSTRUCTION

Drilling Method: Rot. Air CTX Auger Other Coring/W-Line
 T. Depth - Driller _____ T. Depth - Logger 770'
 Casing Depth Driller 770' Casing Depth Logger 770' 8.52'
 Bit Size _____ Casing Dia. I.D. 03
 Hole Dia. 4" From _____ To _____ Dia. From _____ To _____
 Type of Casing Steel Casing Thickness _____
 Type of Screen Open Hole Screen Int. From _____ To _____
 Type of Packing _____ Wall Use Core Hole
 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

LE-028
FLOWMETER

CPS

100 90 80 70 60 50 40 30 20 10 0

STEADY STATE FLOW

-100'

-150'

-200'

-250'

-300'

-350'

-400'

-450'

-500'

-550'

-600'

-650'

-700'

-750'

-770'

30"/MIN.



100 90 80 70 60 50 40 30 20 10 0

CPS

FLOWMETER

LE-028

RECORDING CHARTER GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK