

# STATION IDENTIFICATION

FORM RP-37 - Rev. 10/78

PAGE 1 OF 2

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

246

## 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	
043.0000.12	10.29.79	W.11	GLF-1	GLADES	027	08	48.00	080	55	24.00	

## 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
		W.12	NE1/4; SE1/4; NE1/4	28	38	34E	KISSIMEE

## 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)
		W.21			30		MSL-; LS-X; 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
		W.31	JOHN PEARCE	L-CROSS. RANCH			CATTLE

## 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
		W.4.1	KNIGHT AND KING	VERO BEACH	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).

# 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.	
04.30.00.0.12	1.0.29.79	W5.1	13.00	8.24		46.4	57.5		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)
		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	
		W6.10	STEEL	6.0	0	2.46	0.3		

## 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	
		W6.202	STEEL	4.0	2.46	4.66	0.3		

## 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	
		W6.303							

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.

# 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		C		A B C D E F G H I J K L M N O P Q R S T						
043000012		102979		W71 ANDERSON		BROWN		XXXXXX X XXX						

\*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	
I. D.		DATE		C		FLUID	
		W81		WELL HEAD		WATER	
				10.29.79		1.4.00	

## 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	
I. D.		DATE		C		F		PH		(MG/L)		SOLIDS	
		W82		80.30		F				1.9500			

## COMMENT CARDS

1	17	20	40	60	76
STATION		SURVEY CARD		COMMENTS	
I. D.		DATE		C	
		W91		- LINE 1	
				- LINE 2	
				- LINE 3	

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

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 Glades  
Station I. D. 043000012  
Date 10/29/79 Well No. GLF-1  
Latitude 027° 08' 48.00" Longitude 080° 55' 24.00"  
NE ¼ SE ¼ NE ¼ Section 28 Township 38S Range 34E  
Owner John Pearce Phone \_\_\_\_\_  
Driller Knight & King Date Drilled \_\_\_\_\_

WELL CONSTRUCTION

Drilling Method: Rot.  Air  CT  Auger  Other \_\_\_\_\_  
T. Depth - Driller 1300.0' T. Depth - Logger 824.0'  
Casing Depth Driller \_\_\_\_\_ Casing Depth Logger 464.0'  
Bit Size \_\_\_\_\_ Casing Dia. I.D. \_\_\_\_\_  
Hole Dia. 6.0" From 0' To 246' Dia. 4" From 246' To 466'  
Type of Casing steel Casing Thickness 0.3"  
Type of Screen open hole Screen Int. From 466' To 824'  
Type of Packing \_\_\_\_\_ Well Use cattle  
Static Water Level \_\_\_\_\_ Date \_\_\_\_\_  
Yield Flow \_\_\_\_\_ Pump \_\_\_\_\_

DATUM

K.B. \_\_\_\_\_ L.S. 3.0' T.O.C. \_\_\_\_\_

FLUID QUALITY

Date 10/29/79 Time 1400 Source of Sample wellhead  
Cl \_\_\_\_\_ mg/l Type of Fluid water  
Temp. 82.70 °F °C Field Density \_\_\_\_\_ @ \_\_\_\_\_ °C  
T.D.S. \_\_\_\_\_ mg/l Spec. Cond. 1950.0 µmhos/cm  
Logged By: S. Anderson Witnessed By: M. P. Brown  
Comments: \_\_\_\_\_

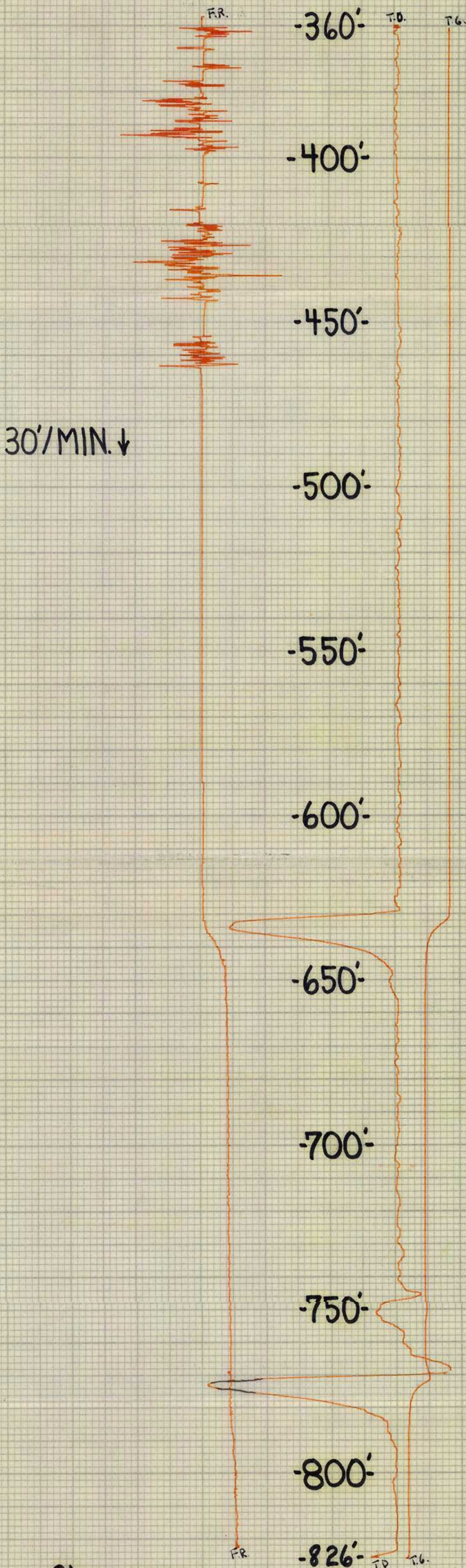
TYPE OF SURVEYS RUN

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

GLF-1

FLUID RESISTIVITY TEMPERATURE DIFFERENTIAL TEMPERATURE GRADIENT

Ohm-meters °F  
13 12 11 10 9 8 7 6 5 4 3 2 1 0 82 80 78 76



Ohm-meters °F  
13 12 11 10 9 8 7 6 5 4 3 2 1 0 82 80 78 76

FLUID RESISTIVITY TEMPERATURE DIFFERENTIAL TEMPERATURE GRADIENT

GLF-1





WELL LOG

WELL LOCATION

County Glades  
Station I. D. 0 4 3 0 0 0 0 1 2  
Date 10/29/79 Well No. GLF-1  
Latitude 027° 08' 48.00" Longitude 080° 55' 24.00"  
NE 1/4 SE 1/4 NE 1/4 Section 28 Township 38S Range 34E  
Owner John Pearce Phone \_\_\_\_\_  
Driller Knight & King Date Drilled \_\_\_\_\_

WELL CONSTRUCTION

Drilling Method: Rot.  Air  CT  Auger  Other \_\_\_\_\_  
T. Depth - Driller 1300.0' T. Depth - Logger 824.0'  
Casing Depth Driller \_\_\_\_\_ Casing Depth Logger 464.0'  
Bit Size \_\_\_\_\_ Casing Dia. I.D. \_\_\_\_\_  
Hole Dia. 6.0" From 0' To 246' Dia. 4" From 246' To 466'  
Type of Casing steel Casing Thickness 0.3"  
Type of Screen open hole Screen Int. From 466' To 824'  
Type of Packing \_\_\_\_\_ Well Use cattle  
Static Water Level \_\_\_\_\_ Date \_\_\_\_\_  
Yield Flow \_\_\_\_\_ Pump \_\_\_\_\_

DATUM

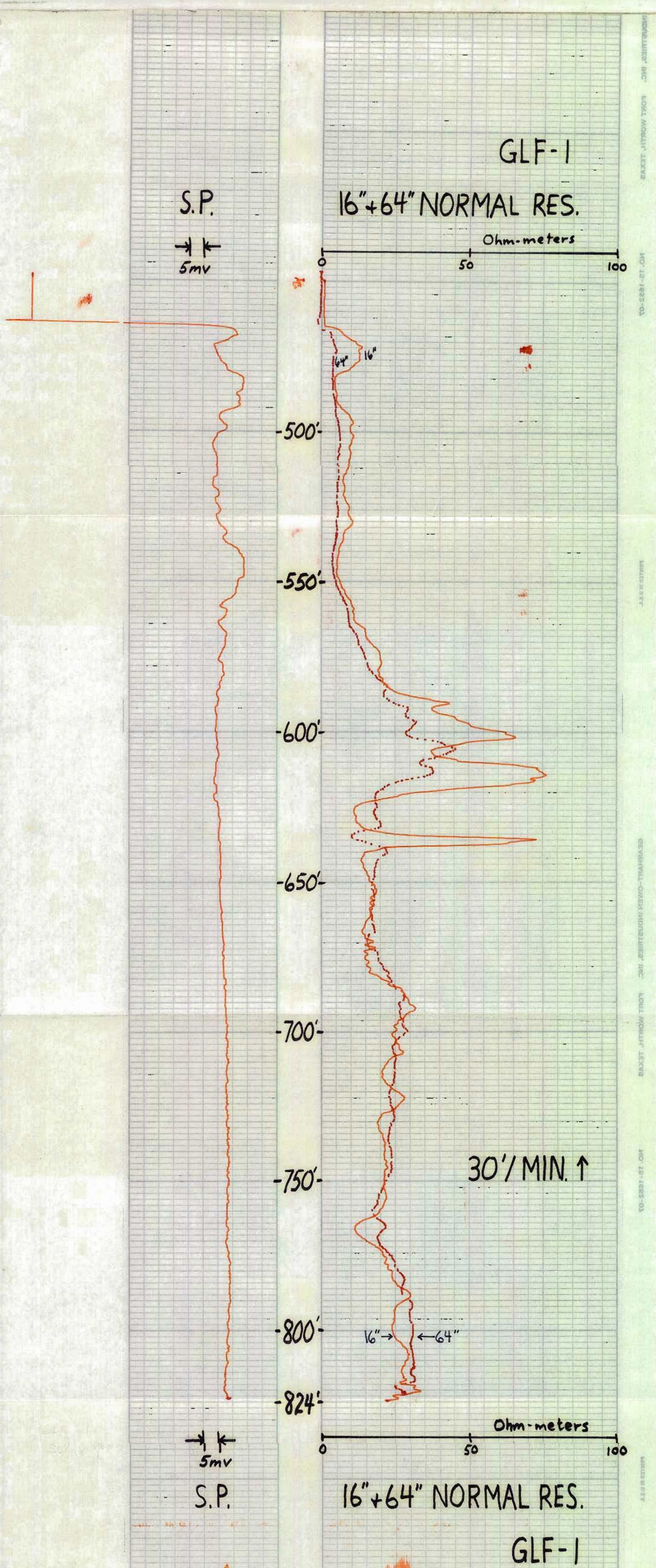
K.B. \_\_\_\_\_ L.S. 3.0' T.O.C. \_\_\_\_\_

FLUID QUALITY

Date 10/29/79 Time 1400 Source of Sample wellhead  
Cl \_\_\_\_\_ mg/l Type of Fluid water  
Temp. 80.30 °F °C Field Density \_\_\_\_\_ @ \_\_\_\_\_ °C  
T.D.S. \_\_\_\_\_ mg/l Spec. Cond. 1950.0 μmhos/cm  
Logged By: S. Anderson Witnessed By: M. P. Brown  
Comments: \_\_\_\_\_

TYPE OF SURVEYS RUN

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







WELL LOG

WELL LOCATION

County Glades  
 Station I. D. 0 4 3 0 0 0 1 2  
 Date 10/29/79 Well No. GLF-1  
 Latitude 027° 08' 48.00" Longitude 080° 55' 24.00"  
NE ¼ SE ¼ NE ¼ Section 28 Township 38S Range 34E  
 Owner John Pearce Phone \_\_\_\_\_  
 Driller Knight & King Date Drilled \_\_\_\_\_

DATUM

K.B. \_\_\_\_\_ L.S. 3.0' T.O.C. \_\_\_\_\_

FLUID QUALITY

Date 10/29/79 Time 1400 Source of Sample wellhead  
 Cl \_\_\_\_\_ mg/l Type of Fluid water  
 Temp. 80.30 °F °C Field Density \_\_\_\_\_ @ \_\_\_\_\_ °C  
 T.D.S. \_\_\_\_\_ mg/l Spec. Cond. 1950.0 μmhos/cm  
 Logged By: S. Anderson Witnessed By: M. P. Brown

WELL CONSTRUCTION

Drilling Method: Rot.  Air  CT  Auger  Other \_\_\_\_\_  
 T. Depth - Driller 1300.0' T. Depth - Logger 824.0'  
 Casing Depth Driller \_\_\_\_\_ Casing Depth Logger 464.0'  
 Bit Size \_\_\_\_\_ Casing Dia. I.D. \_\_\_\_\_  
 Hole Dia. 6.0" From 0' To 246' Dia. 4" From 246' To 466'  
 Type of Casing steel Casing Thickness 0.3"  
 Type of Screen open hole Screen Int. From 466' To 824'  
 Type of Packing \_\_\_\_\_ Well Use cattle  
 Static Water Level \_\_\_\_\_ Date \_\_\_\_\_  
 Yield Flow \_\_\_\_\_ Pump \_\_\_\_\_

Comments:

TYPE OF SURVEYS RUN

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

CALIPER

GLF-1

HOLE DIA.

2" 4" 6" 8" 10" 12" 14" 16" 18" 20"

-50'

-100'

-150'

-200'

-250'

-300'

-350'

-400'

-450'

-500'

-550'

-600'

-650'

-700'

-750'

-800'

-824'

30'/MIN. ↑

CALIPER

GLF-1





WELL LOG

WELL LOCATION

County Glades

Station I. D. 0 4 3 0 0 0 1 2

Date 10/29/79 Well No. GLF-1

Latitude 027° 08' 48.00" Longitude 080° 55' 24.00"

NE  $\frac{1}{4}$  SE  $\frac{1}{4}$  NE  $\frac{1}{4}$  Section 28 Township 38S Range 34E

Owner John Pearce Phone \_\_\_\_\_

Driller Knight & King Date Drilled \_\_\_\_\_

WELL CONSTRUCTION

Drilling Method: Rot.  Air  CT  Auger  Other \_\_\_\_\_

T. Depth - Driller 1300.0' T. Depth - Logger 824.0'

Casing Depth Driller \_\_\_\_\_ Casing Depth Logger 464.0'

Bit Size \_\_\_\_\_ Casing Dia. I.D. \_\_\_\_\_

Hole Dia. 6.0" From 0' To 246' Dia. 4" From 246' To 466'

Type of Casing steel Casing Thickness 0.3"

Type of Screen open hole Screen Int. From 466' To 824'

Type of Packing \_\_\_\_\_ Well Use cattle

Static Water Level \_\_\_\_\_ Date \_\_\_\_\_

Yield Flow \_\_\_\_\_ Pump \_\_\_\_\_

DATUM

K.B. \_\_\_\_\_ L.S. 3.0' T.O.C. \_\_\_\_\_

FLUID QUALITY

Date 10/29/79 Time 1400 Source of Sample wellhead

Cl \_\_\_\_\_ mg/l Type of Fluid water

Temp. 80.80 °F °C Field Density \_\_\_\_\_ @ \_\_\_\_\_ °C

T.D.S. \_\_\_\_\_ mg/l Spec. Cond. 1950.0 umhos/cm

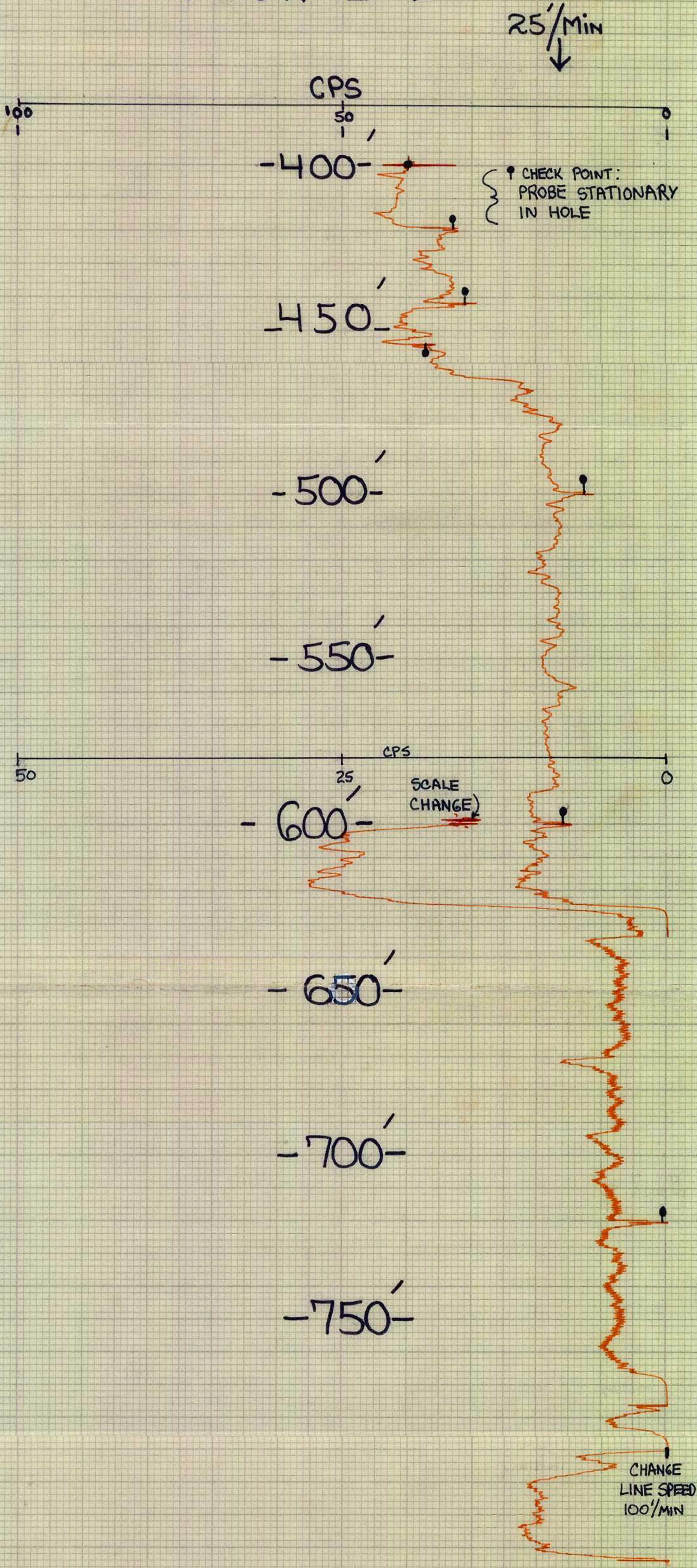
Logged By: S. Anderson Witnessed By: M. P. Brown

Comments: \_\_\_\_\_

TYPE OF SURVEYS RUN

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

# GLF-1 FLOWMETER







WELL LOG

WELL LOCATION

County Glades  
 Station I. D. 0 4 3 0 0 0 1 2  
 Date 10/29/79 Well No. GLF-1  
 Latitude 027° 08' 48.00" Longitude 080° 55' 24.00"  
 NE ¼ SE ¼ NE ¼ Section 28 Township 38S Range 34E  
 Owner John Pearce Phone \_\_\_\_\_  
 Driller Knight & King Date Drilled \_\_\_\_\_

WELL CONSTRUCTION

Drilling Method: Rot.  Air  CT  Auger  Other \_\_\_\_\_  
 T. Depth - Driller 1300.0' T. Depth - Logger 824.0'  
 Casing Depth Driller \_\_\_\_\_ Casing Depth Logger 464.0'  
 Bit Size \_\_\_\_\_ Casing Dia. I.D. \_\_\_\_\_  
 Hole Dia. 6.0" From 0' To 246' Dia. 4" From 246' To 466'  
 Type of Casing steel Casing Thickness 0.3"  
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 Type of Packing \_\_\_\_\_ Well Use cattle  
 Static Water Level \_\_\_\_\_ Date \_\_\_\_\_  
 Yield Flow \_\_\_\_\_ Pump \_\_\_\_\_

DATUM

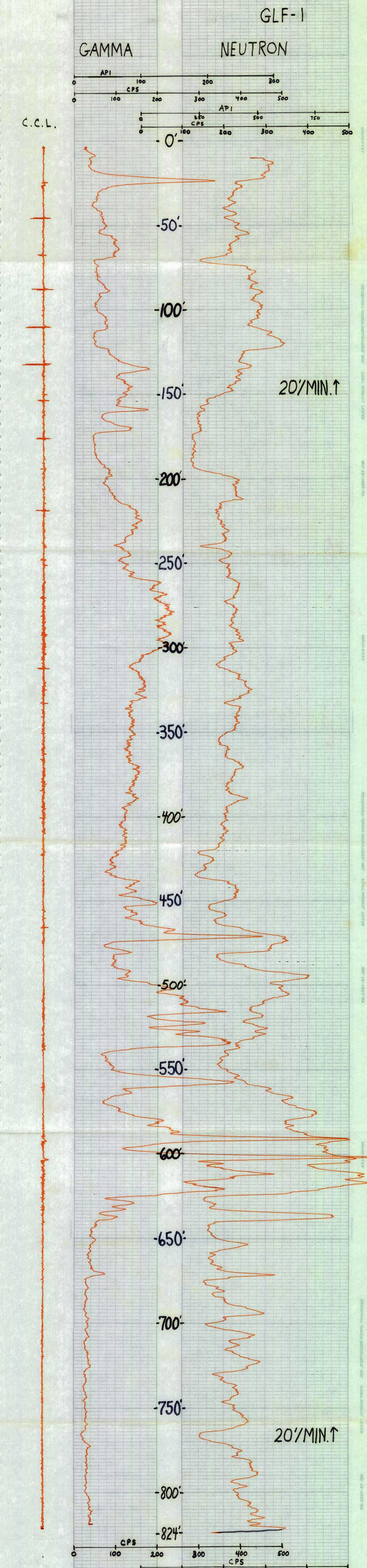
K.B. \_\_\_\_\_ L.S. 3.0' T.O.C. \_\_\_\_\_

FLUID QUALITY

Date 10/29/79 Time 1400 Source of Sample wellhead  
 Cl \_\_\_\_\_ mg/l Type of Fluid water  
 Temp. 80.30 °F °C Field Density @ \_\_\_\_\_ °C  
 T.D.S. \_\_\_\_\_ mg/l Spec. Cond. 1950.0 umhos/cm  
 Logged By: S. Anderson Witnessed By: M. P. Brown

TYPE OF SURVEYS RUN

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

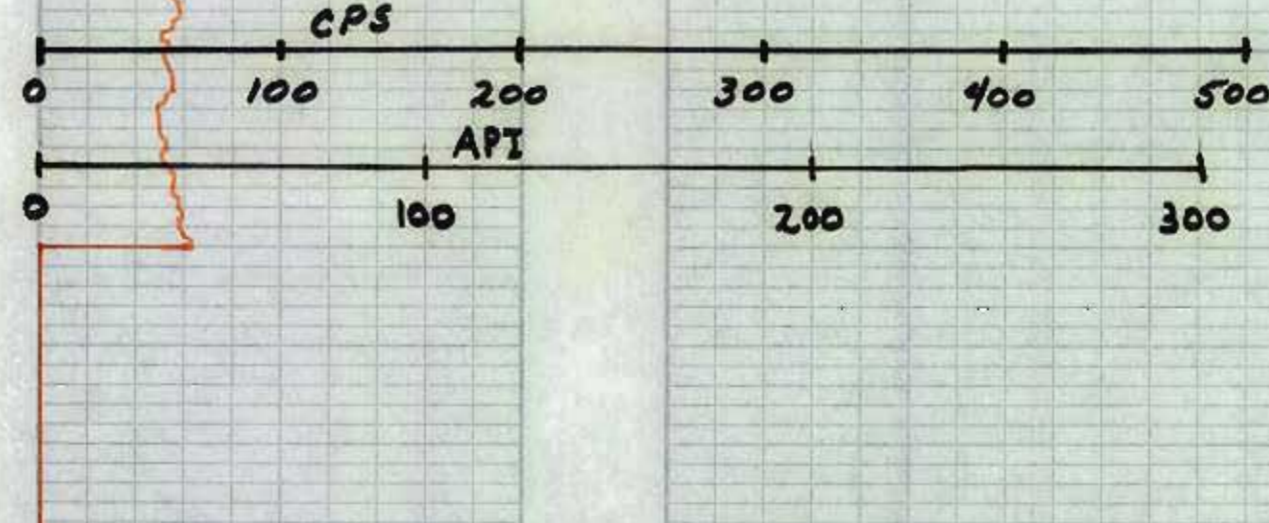


GAMMA  
 500 CPS  
 T.C.-3

NEUTRON  
 500 CPS  
 T.C.-3

GLF-1

GAMMA CAL.  
 500 CPS  
 T.C.-3



NEUTRON CAL.  
 1000 CPS  
 T.C.-3

