

WELL STATION IDENTIFICATION

FORM RP-37 - Rev. 10/78

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

5

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	
0950000006	091379	W11	ORF-34	ORANGE	028	26	11.00	081	32	05.00	

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	SE1/4; SE1/4; SW1/4	32	235	28E	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		101	350		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	USGS	USGS	305	620.4191	MONITOR

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	USGS	ORLANDO	ROTARY	021479

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

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	YR 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.	
0950000006	091379	W51	1.80	14.6	9.5	9.8	3.80	-	YES	NO-X

WELL DESCRIPTION - CONSTRUCTION CARD TWO

1	17	20	37	54	59	64	69	73
STATION I. D.	SURVEY DATE	YR CARD C	TYPE OF SCREEN	TYPE OF PACKING	DIA. OF SCREEN	SLOT SIZE (INCHES)	SCREEN BEGINS	SCREEN ENDS (FT)
		W52	OPEN HOLE	-	-	-	-	-

WELL DESCRIPTION - CONFIGURATION CARD, SECTION ONE (TOP)

1	17	20	22	39	44	49	54	59	75
STATION I. D.	SURVEY DATE	YR CARD C	SEC TYPE OF CASING	NOM. DIA. (INCHES)	BEGIN DEPTH	END DEPTH (FEET)	THICKNESS (INCHES)	TYPE OF ANNULUS FILL	
		W610	PVC	4.0	0	9.8	.03	-	

WELL DESCRIPTION - CONFIGURATION CARD, SECTION TWO

1	17	20	22	39	44	49	54	59	75
STATION I. D.	SURVEY DATE	YR 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	YR 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 I. D.	SURVEY DATE	CARD C	LOGGED BY	WITNESSED BY	*	*	*	*	*	*	*	*	*	*
09500000	09.13.79	W71	ANDERSON	PALUGA	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	WELLHEAD	WATER	09.13.79	1100

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	76.40 F					4824				

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.
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 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 Orange
 Station I. D. 0 9 5 0 0 0 0 6
 Date 9/13/79 Well No. ORF-34
 Latitude 28° 26' 11.0" Longitude 81° 32' 05.0"
SE 1/4 SE 1/4 SW 1/4 Section 32 Township 23S Range 28E
 Owner USGS Phone 620-4191
 Driller USGS Date Drilled 2/14/79

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other
 T. Depth - Driller 180' T. Depth - Logger 146'
 Casing Depth Driller 95' Casing Depth Logger 98'
 Bit Size _____ Casing Dia. I.D. 3.80"
 Hole Dia. _____ From _____ To _____ Dia. _____ From _____ To _____
 Type of Casing PVC Casing Thickness 0.3"
 Type of Screen open hole Screen Int. From _____ To _____
 Type of Packing _____ Well Use monitor
 Static Water Level _____ Date _____
 Yield Flow _____ Pump _____

DATUM

K.B. _____ L.S. 101' T.O.C. 3.50' **L-S**

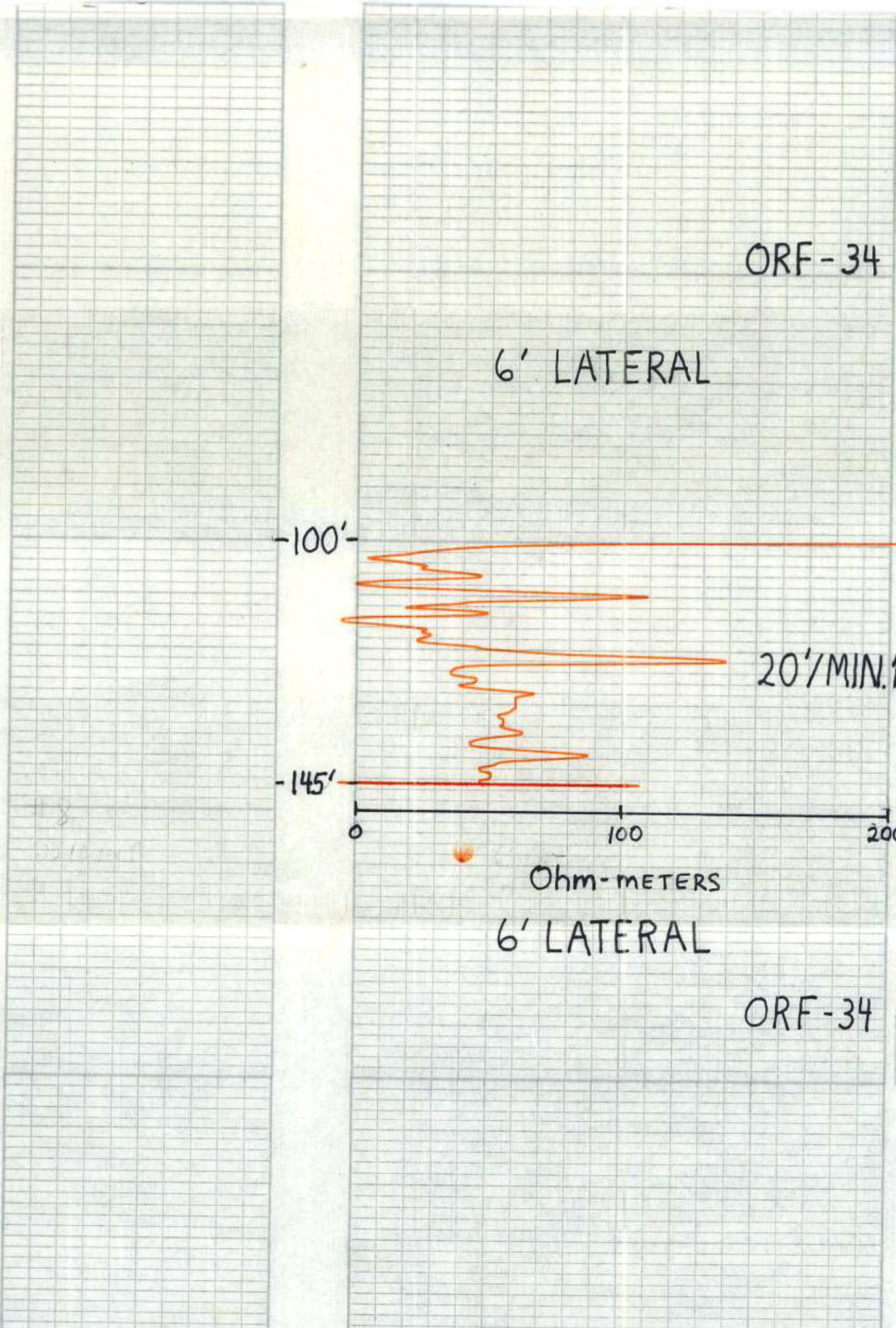
FLUID QUALITY

Date 9/13/79 Time 1100 Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 76.40 °F Field Density _____ @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 482.4 μ mhos/cm
 Logged By: S. Anderson Witnessed By: G. Paluga

Comments: 6' LAT NOT TO BE USED QUANTITATIVELY

TYPE OF SURVEYS RUN

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





WELL LOG

WELL LOCATION

County Orange
 Station I. D. 095000006
 Date 9/13/79 Well No. ORF-34
 Latitude 28° 26' 11.0" Longitude 81° 32' 05.0"
SE 1/4 SE 1/4 SW 1/4 Section 32 Township 23S Range 28E
 Owner USGS Phone 620-4191
 Driller USGS Date Drilled 2/14/79

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other
 T. Depth - Driller 180' T. Depth - Logger 146'
 Casing Depth Driller 95' Casing Depth Logger 98'
 Bit Size _____ Casing Dia. I.D. 3.80"
 Hole Dia. _____ From _____ To _____ Dia. From _____ To _____
 Type of Casing PVC Casing Thickness 0.3"
 Type of Screen open hole Screen Int. From _____ To _____
 Type of Packing _____ Well Use monitor
 Static Water Level _____ Date _____
 Yield Flow _____ Pump _____

DATUM

K.B. _____ L.S. 101' T.O.C. 3.50' A.S.

FLUID QUALITY

Date 9/13/79 Time 1100 Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 76.40 °F Field Density _____ @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 482.4 μ mhos/cm
 Logged By: S. Anderson Witnessed By: G. Paluga
 Comments: _____

TYPE OF SURVEYS RUN

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

FORM 12-1923-04
GSEB/ST/61 OWENS INC/RL/12/1 MC

ORF-34

CALIPER

HOLE DIA.



-0-

30'/MIN ↑

-50'-

-100'-

-146'-

CALIPER

ORF-34



WELL LOG

WELL LOCATION

County Orange
 Station I. D. 095000006
 Date 9/13/79 Well No. ORF-34
 Latitude 28° 26' 11.0" Longitude 81° 32' 05.0"
SE 1/4 SE 1/4 SW 1/4 Section 32 Township 23S Range 28E
 Owner USGS Phone 620-4191
 Driller USGS Date Drilled 2/14/79

WELL CONSTRUCTION

Drilling Method: Rot. Air CT Auger Other
 T. Depth - Driller 180' T. Depth - Logger 146'
 Casing Depth Driller 95' Casing Depth Logger 98'
 Bit Size _____ Casing Dia. I.D. 3.80"
 Hole Dia. _____ From _____ To _____ Dia. From _____ To _____
 Type of Casing PVC Casing Thickness 0.3"
 Type of Screen open hole Screen Int. From _____ To _____
 Type of Packing _____ Well Use monitor
 Static Water Level _____ Date _____
 Yield Flow _____ Pump _____

DATUM

K.B. _____ L.S. 101' T.O.C. 3.50' L.S.

FLUID QUALITY

Date 9/13/79 Time 1100 Source of Sample wellhead
 Cl _____ mg/l Type of Fluid water
 Temp. 76.40 °F Field Density _____ @ _____ °C
 T.D.S. _____ mg/l Spec. Cond. 482.4 μ mhos/cm
 Logged By: S. Anderson Witnessed By: G. Paluga
 Comments: _____

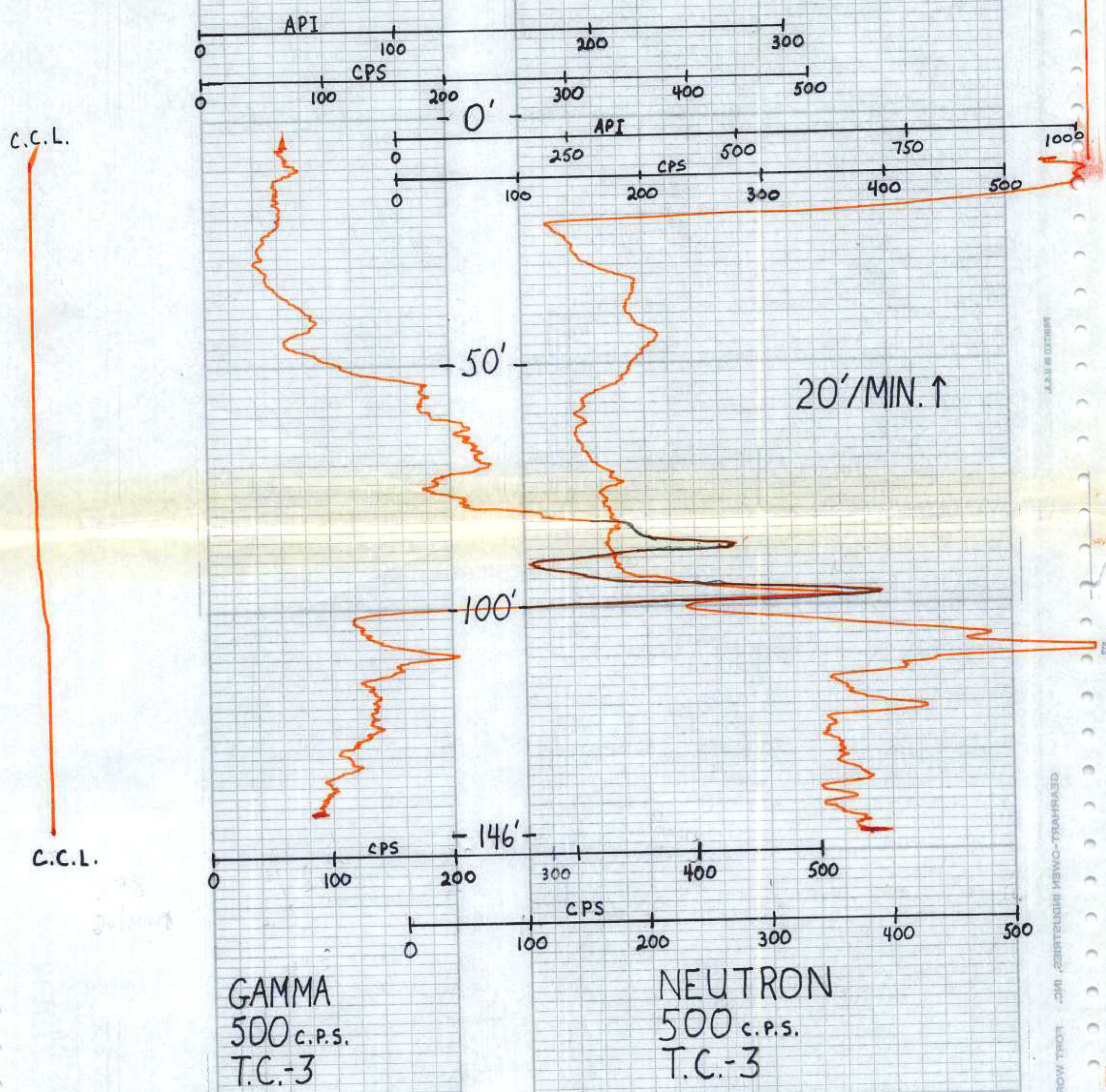
TYPE OF SURVEYS RUN

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

ORF-34

GAMMA

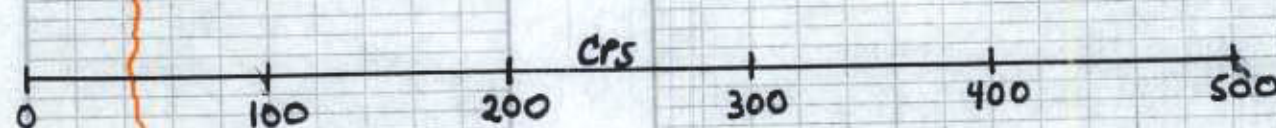
NEUTRON



ORF-34

GAMMA CAL.

500 c.p.s.
T.C.-3



NEUTRON CAL.

1000 c.p.s.
T.C.-3

