

CORE ANALYSIS RESULTS FOR

NORTHERN MINERALS, Inc.

NO. 8 SFPRR

WILDCAT

McKINLEY COUNTY, NEW MEXICO



HOLE NO. 754		TO DRILLED	
BIT SIZE 6 1/4		CASING	
BORE HOLE FLUID H ₂ O		DENSITY	
VISCOSITY		RESISTIVITY	
OPERATOR HAROLD Sanchez		UNIT NO. 7061	
LOCATION BRAVO, New Mexico		DRIVE	
STAND BY		TIME IN	
LOGGING		TIME OUT	
TOTAL		Miles	
ROUNDTRIP		Miles	
MILEAGE		Miles	
CHARGEABLE		Miles	
STANDBY		Miles	

DATE 9 Sept 73

COMPANY Northern Minerals S.F.P. #8

AREA Miguel Creek Dome

STATE New Mexico

COUNTY McKinley

SECTION CWSWNE 29

TOWNSHIP 16N

RANGE 6W

LOG MEASURED FROM 6424' Ground Level

GAMMA RECURS Initial run official

TOTAL FOOTAGE LOGGED 1508

SCALE

GAMMA SCALE 15x.25

TIME CONSTANT 2

CALIBRATION & PROBE DATA 100Kx.25 = 2.5K cpm/in

SOURCE NO. 8-70-2

PROBE NO. 8010-07

DETECTOR SCINT.

DEAD TIME

WATER FACTOR

AIR FACTOR

W.T. 50

S.P. 25

1st Run @ 20' / in

2nd Run @ 50' / in

754 T.D. Both Runs

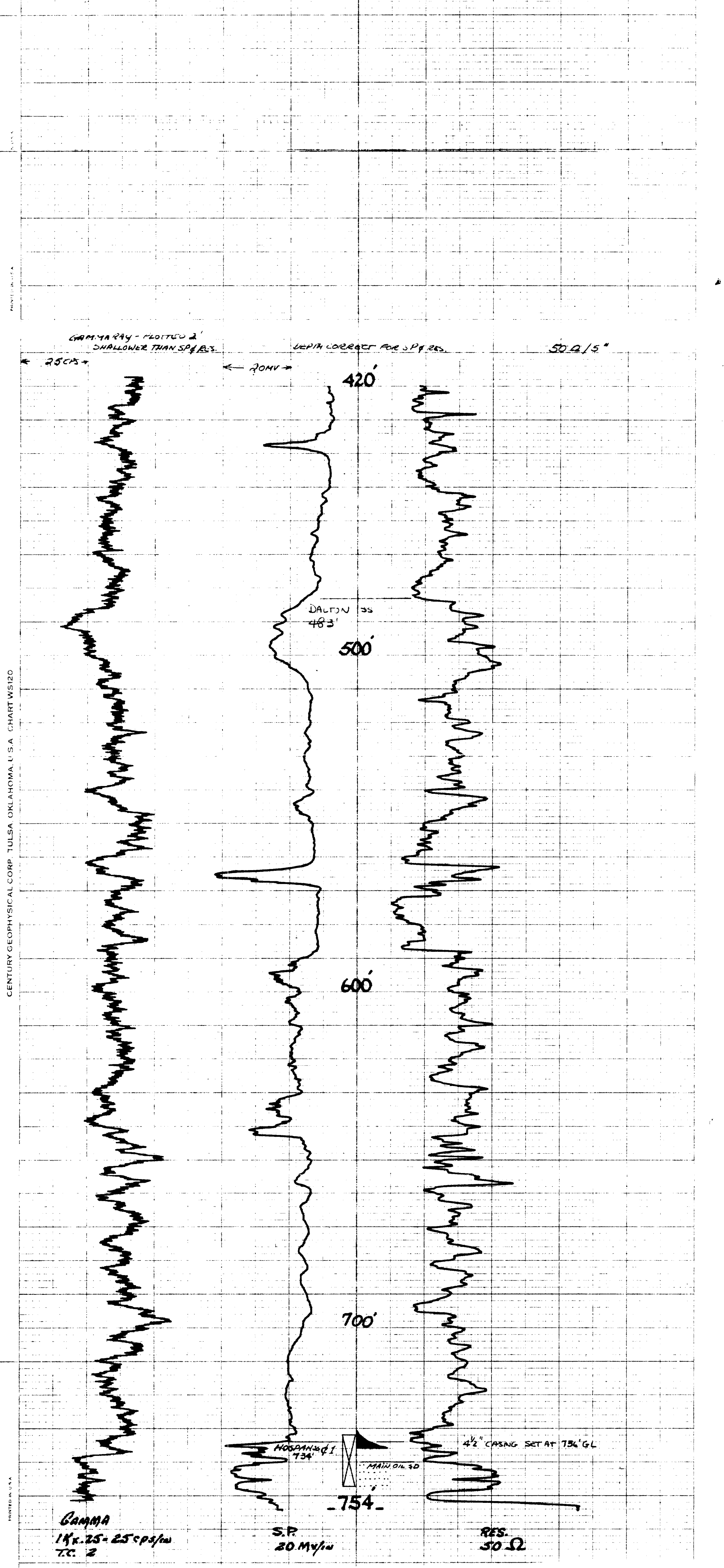
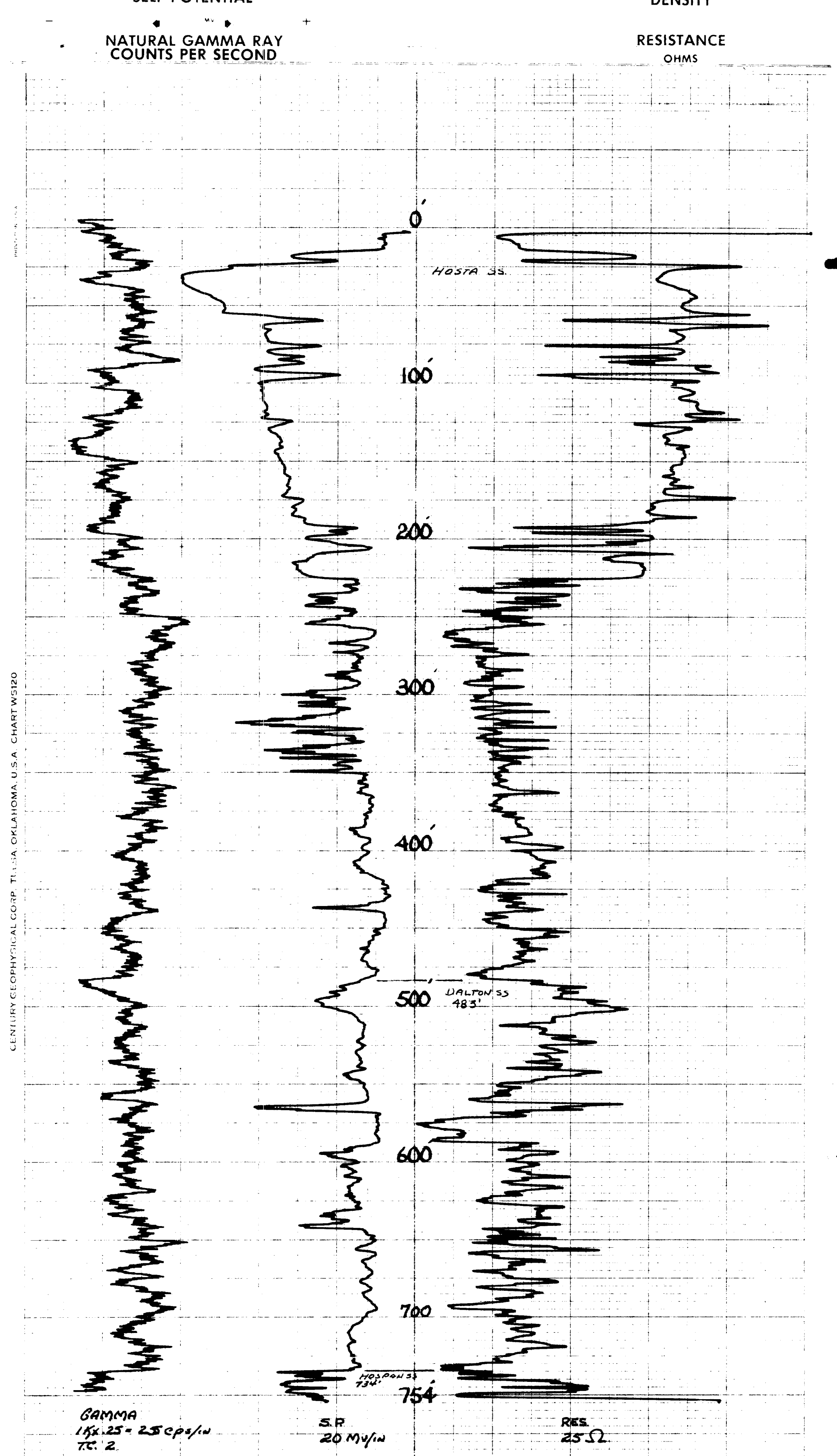
Gamma 25 cpm/in

SP 20 mv/in

RES 25 Ω

SELF POTENTIAL
NATURAL GAMMA RAY
COUNTS PER SECOND

DENSITY
RESISTANCE
OHMS





C-366-E SP 11748B

COMPANY

BORE HOLE

AREA

COUNTY

SECTION

TOWNSHIP

RANGE

STATE

LOG MEASURED FROM

INITIAL RUN

T.D. LOGGED

GAMMA SCALE

TIME CONSTANT

CALIBRATION

SOURCE

PROBE

DIRECTION

DIAL IND.

WATER FACTOR

SP. SCALE

SCALE

LOGGING SPEED

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CORE ANALYSIS RESULTS

Company NORTHERN MINERALS, INC. Formation HOSPAL File 9103 RP-3-2600
 Well SPPRR NO. 8 Core Type DIAMOND 2-1/8" Date Report 9-20-73
 Field WILDCAT Drilling Fluid WATER BASE MUD Analysts RG
 County MC KINLEY State NEW MEX. Elev. 6424' GL Location SW SW NE SEC 29-T16N-R6W

Lithological Abbreviations

SAND - SD SHALE - SH LIME - LM	DOLOMITE - DOL CHERT - CH GYPSUM - GYP	ANHYDRITE - ANHY CONGLOMERATE - CONG FOSSILIFEROUS - FOSS	SANDY - SDY SHALY - SHY LIMY - LMY	FINE - FN MEDIUM - MFD COARSE - CSE	CRYSTALLINE - KLN GRAIN - GRN GRANULAR - GRNL	BROWN - BRN GRAY - GY VUGGY - VGY	FRACTURED - FRAC LAMINATION - LAM STYLOLITIC - STY	SLIGHTLY - SL/ VERY - V/ WITH - W/
SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYs	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS		
				OIL	TOTAL WATER			

(K_A)

(CONVENTIONAL ANALYSIS)

1	735.6	47	23.3	0.0	19.3	Sd Gy Fn Grn Clay
2	737.5-38	47	23.3	18.2	27.3	Sd Gy Fn Grn Sl/Clay
3	738.7	35	21.1	15.3	24.4	Sd Gy Fn Grn Sl/Clay
4	740.5-41	32	16.2	4.6	13.0	Sd Gy Fn Grn Sl/Clay
5	41-42	82	25.5	22.2	37.0	Sd Gy Fn Grn Sl/Clay
6	42-43	141	26.8	26.3	24.8	Sd Gy Fn Grn Sl/Clay
7	43-44	122	26.0	26.2	18.3	Sd Gy Fn Grn Sl/Clay
8	44-45	209	25.6	24.4	22.8	Sd Gy Fn Grn Sl/Clay
9	45-46	169	25.3	33.2	15.8	Sd Gy Fn Grn Sl/Clay
10	46-47	255	23.5	24.7	10.6	Sd Gy Fn Grn Sl/Clay

Service No. 5-A

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