BIRDWELL

Gamma Ray–Caliper

COMPANY AMAX EXPLORATION, INC.

WELL 31-32 ~~32-32~~

FIELD ALUM

COUNTY ESMERALDA **STATE** NEVADA

LOCATION: N.A.

SEC. TWP. RGE.

OTHER SERVICES ES

PERMANENT DATUM Ground Level, ELEV. N.A.

LOG MEASURED FROM G.L., 0 Ft. Above Perm. Datum

DRILLING MEASURED FROM G.L.

ELEV. K.B.

D.F.

G.L. N.A.

DATE	Mar. 27,1983	Mar. 27,1983		
RUN NO.	One	One		
TYPE LOG	CA-3	GRS		
DEPTH – DRILLER	1986'	1986'		
DEPTH – LOGGER	1498'	1498'		
BTM. LOG. INTER.	1497'	1491'		
TOP LOG. INTER.	0'	0'		
TYPE FLUID IN HOLE	Water	Water		
SALINITY PPM CL.				
DENSITY LB./GAL.				
LEVEL	636'	636'		
MAX.REC.TEMP.–°F	154	154		
OPER. RIG TIME	1.5 Hours	1.5 Hours		
RECORDED BY	Mr. R. Owen	Mr. R. Owen		
WITNESSED BY	Mr. Deymonaz	Mr. Deymonaz		
LOCATION	2D26	2D26		

RUN NO.	BORE HOLE RECORD			CASING RECORD			
	BIT	FROM	TO	SIZE	WGT.	FROM	TO
1	N.A.	0'	219'	4-1/2"		0'	214'
	3.5"	214'	1549'				
	3"	1549'	1986'				

SSC-653-B

EQUIPMENT DATA

RUN NO.	One			
GR. SONDE MOD. NO.	LALA-8001			
GR. SONDE SER. NO.	7			
DIAMETER	11/16"			
CAL. SONDE MOD. NO.	LDCB-8001			
CAL. SONDE SER. NO.	5			
DIAMETER	1-5/8"			
ARM LENGTH	11"			
ARM DIAM. MIN.-MAX.	2" — 8"	—	—	—
CENT. SIZE RANGE	None			
TRUCK NO.	2831			
SERVICE ORDER/INV.	554872			

WELL DATA

ORIGINAL T.D. P.B.T.D.

TYPE WELL

PROD. ☐ OR INJ. ☐ RATE

WELL HEAD PRESSURE

DRILLED WITH: ROTARY ☐ CABLE TOOL ☐

CEMENTING SHOE @

OPEN HOLE SHOT WITH:

AMOUNT FROM TO

AMOUNT FROM TO

AMOUNT FROM TO

AMOUNT FROM TO

LOGGING DATA

DEPTH		SPEED FT./MIN.	GAMMA RAY				CALIPER
FROM	TO		T.C. SEC.	CPM FULL SCALE	ZERO DIV. L. OR R.	API UNITS /LOG DIV.	INCHES /LOG DIV.
1491'	0'	30	2	1x100	0-L	10	1"=2 Div

REMARKS:

CA-3

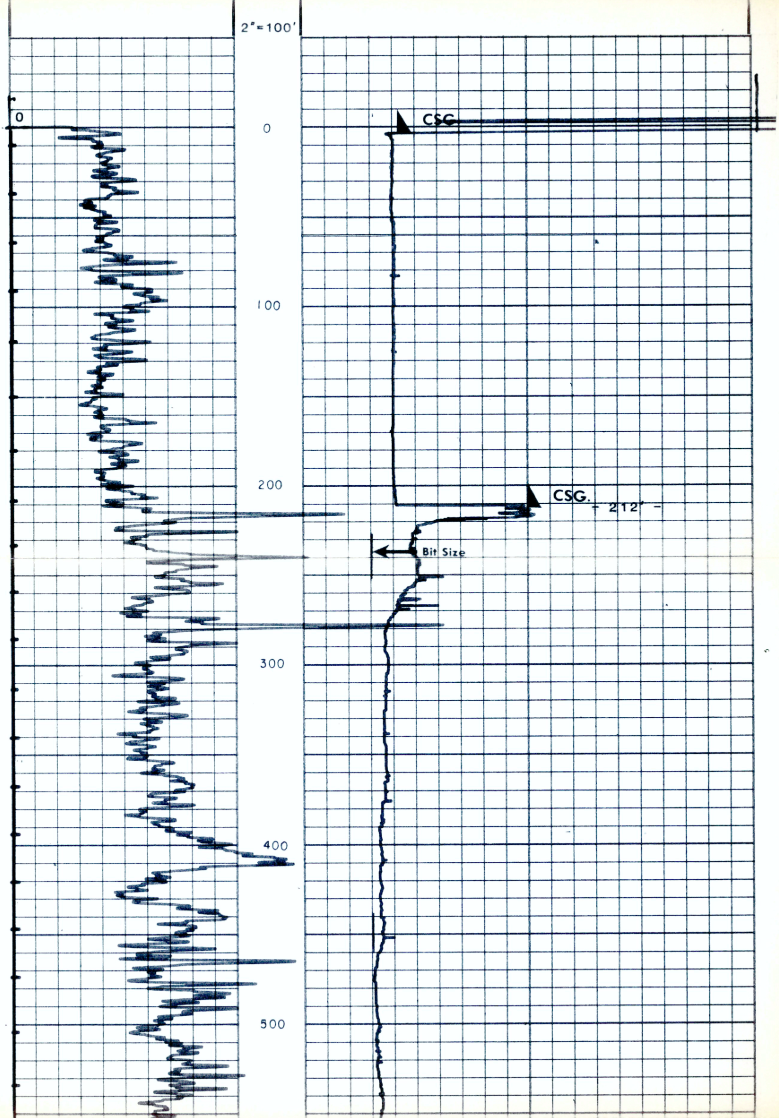
Started job at 1330 hours
Finished job at 1500 hours

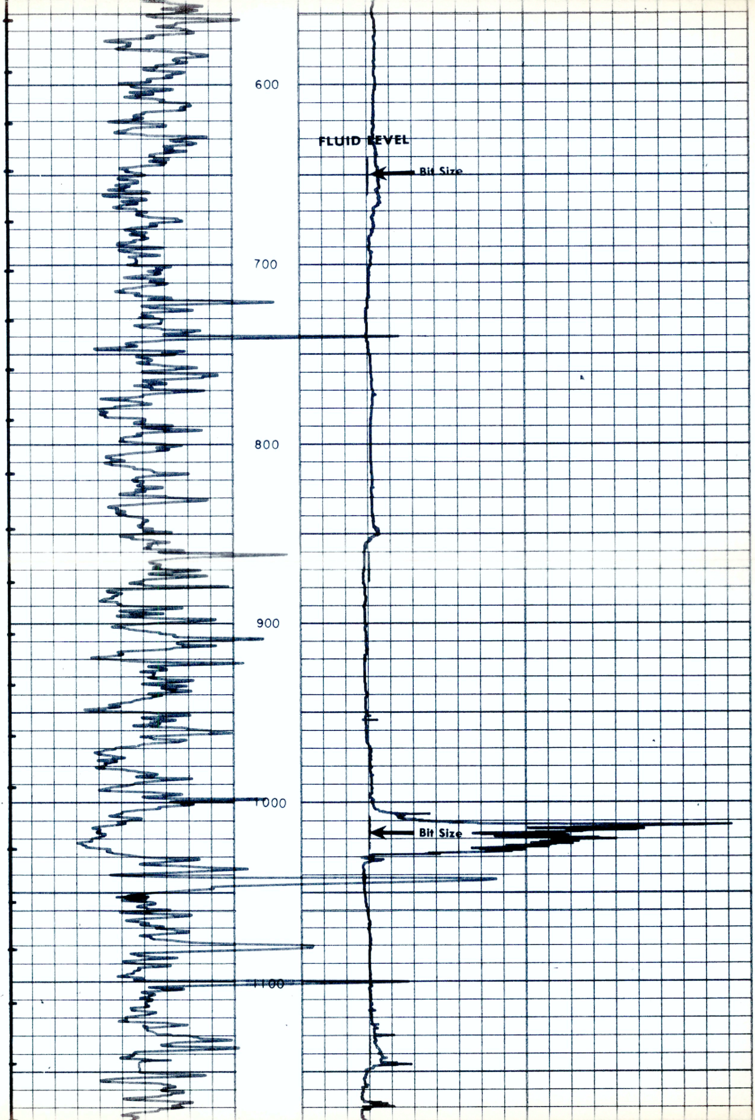
GRS

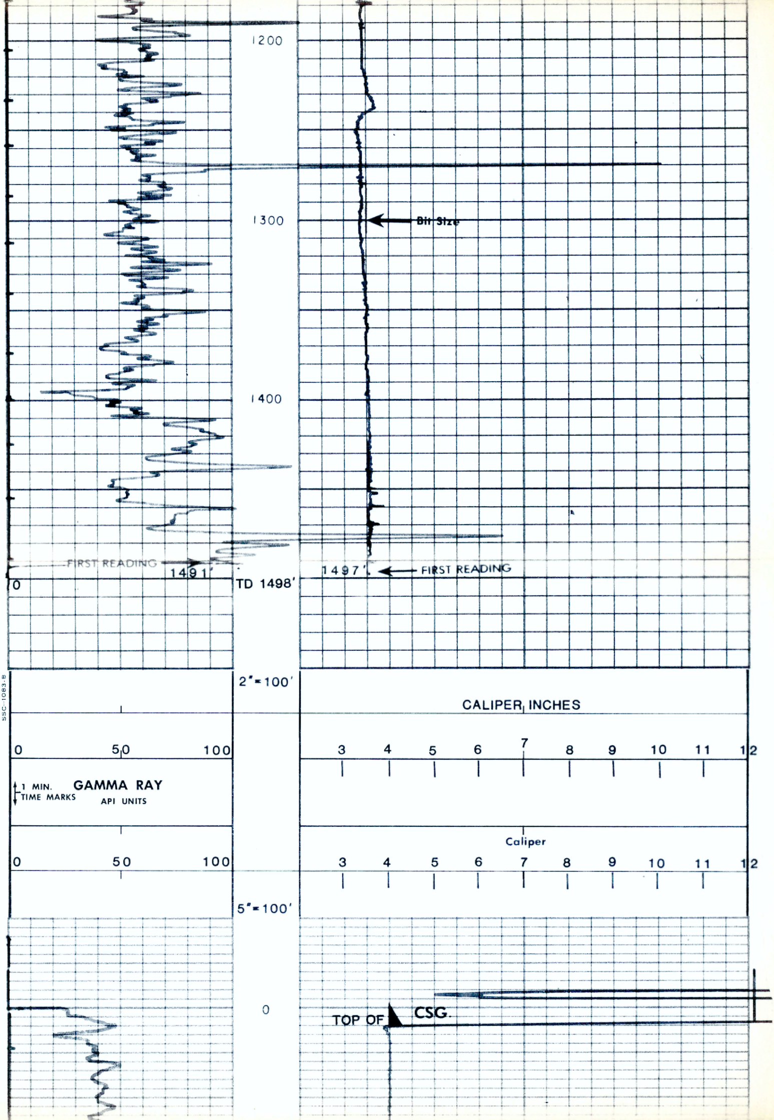
Started job at 1500 hours
Finished job at 1630 hours

1 MIN TIME MARKERS

GAMMA RAY API UNITS	DEPTHS	CALIPER DIAMETER INCHES
0 50 100		2 3 4 5 6 7 8 9 10 11 12







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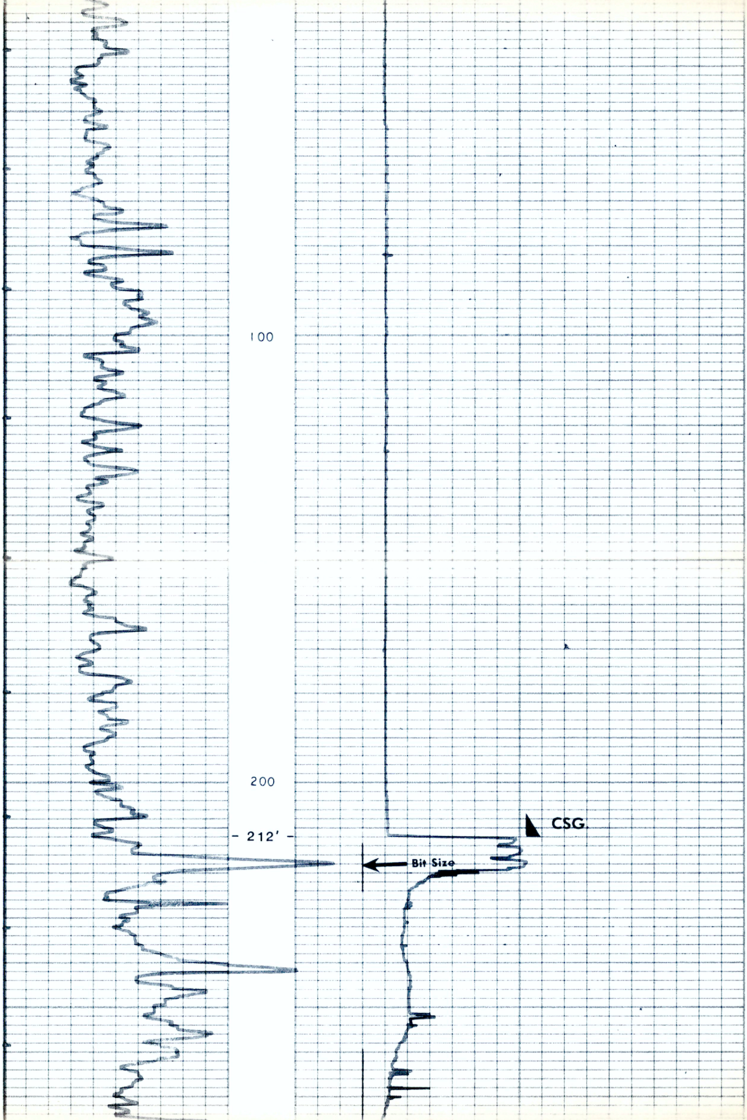
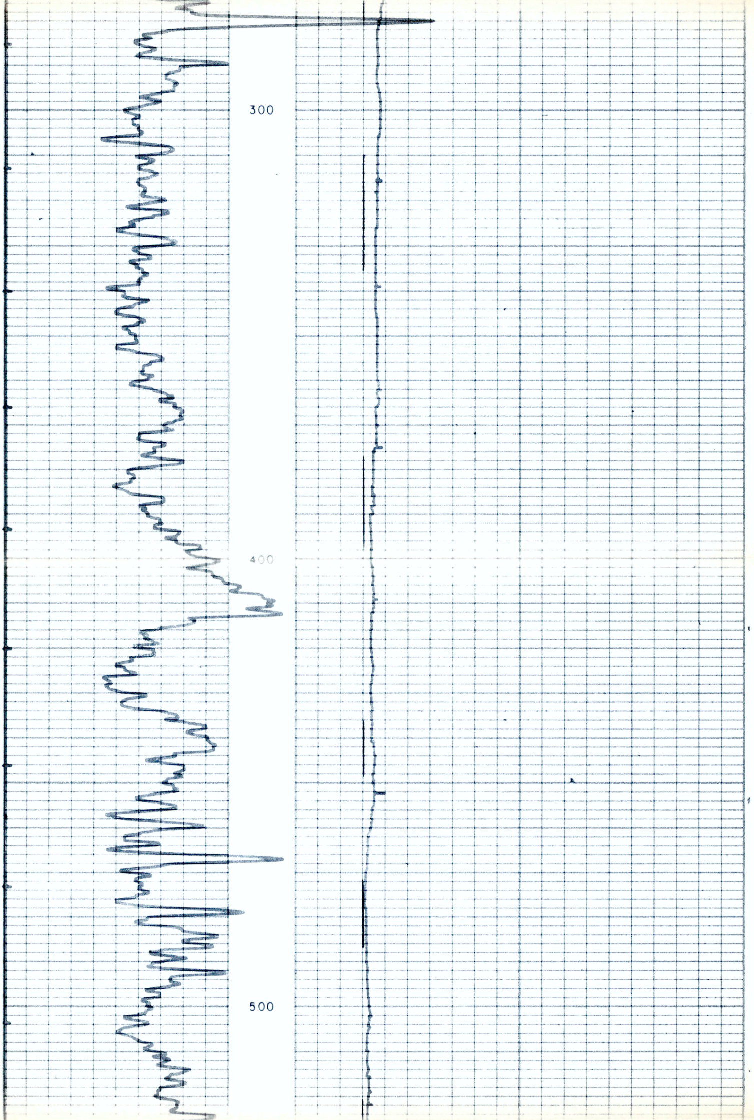
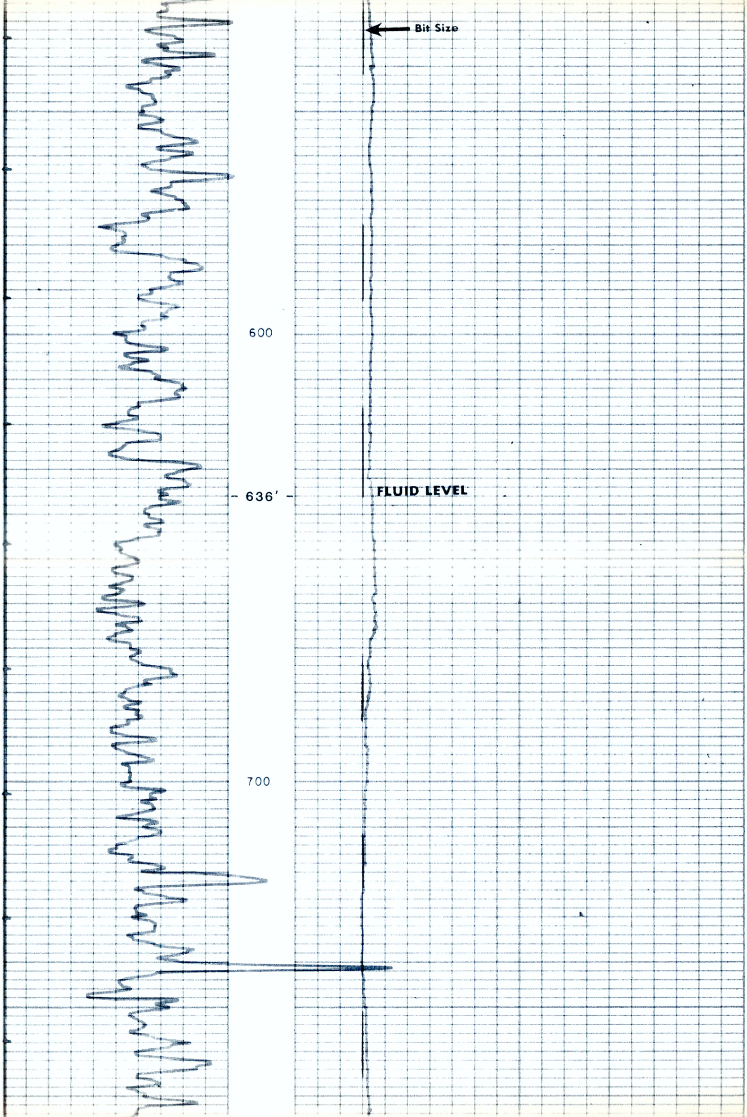
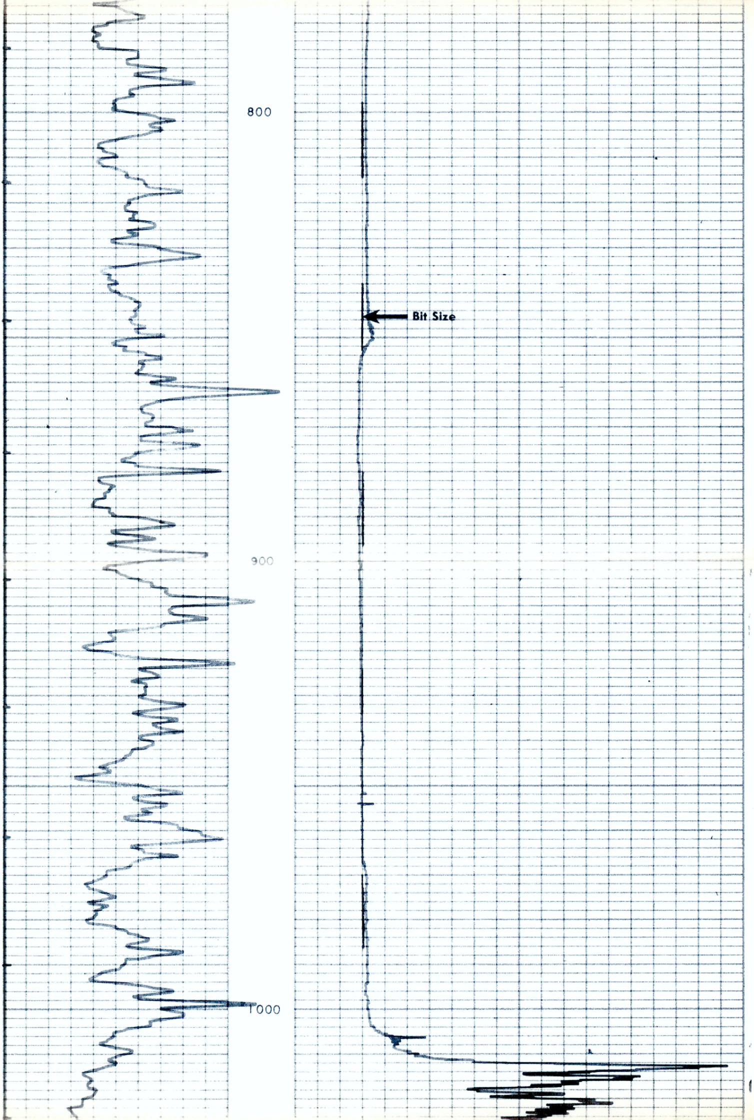
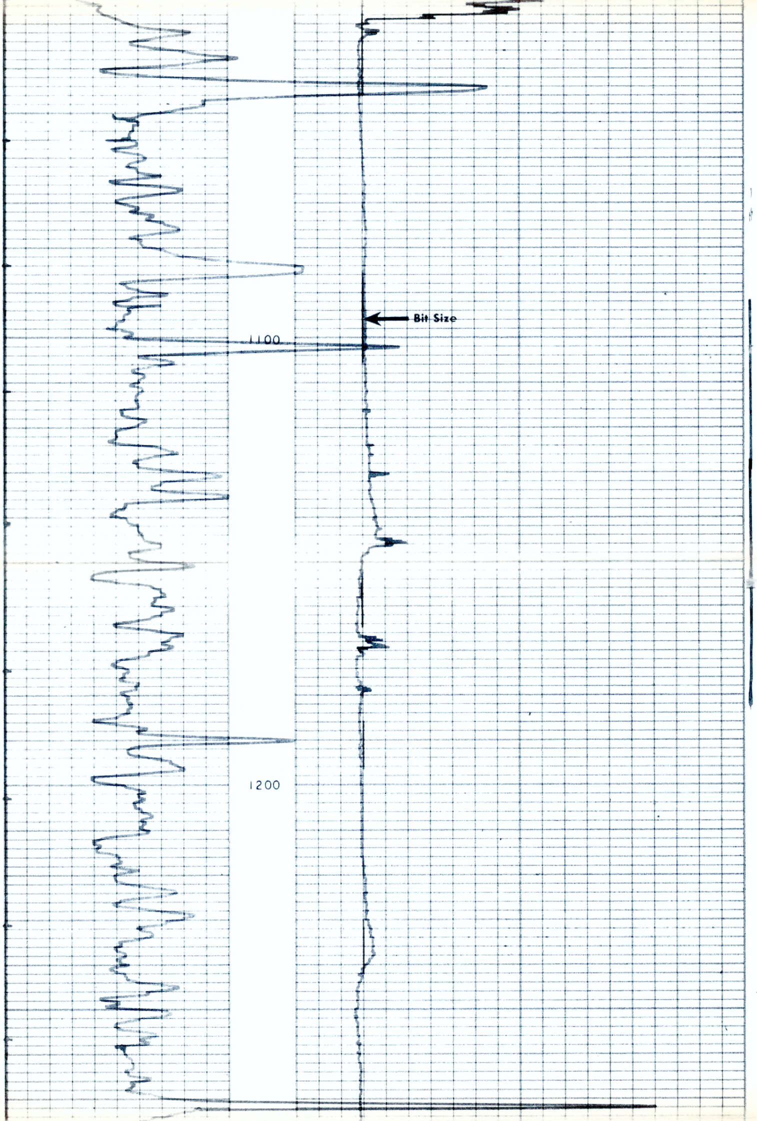
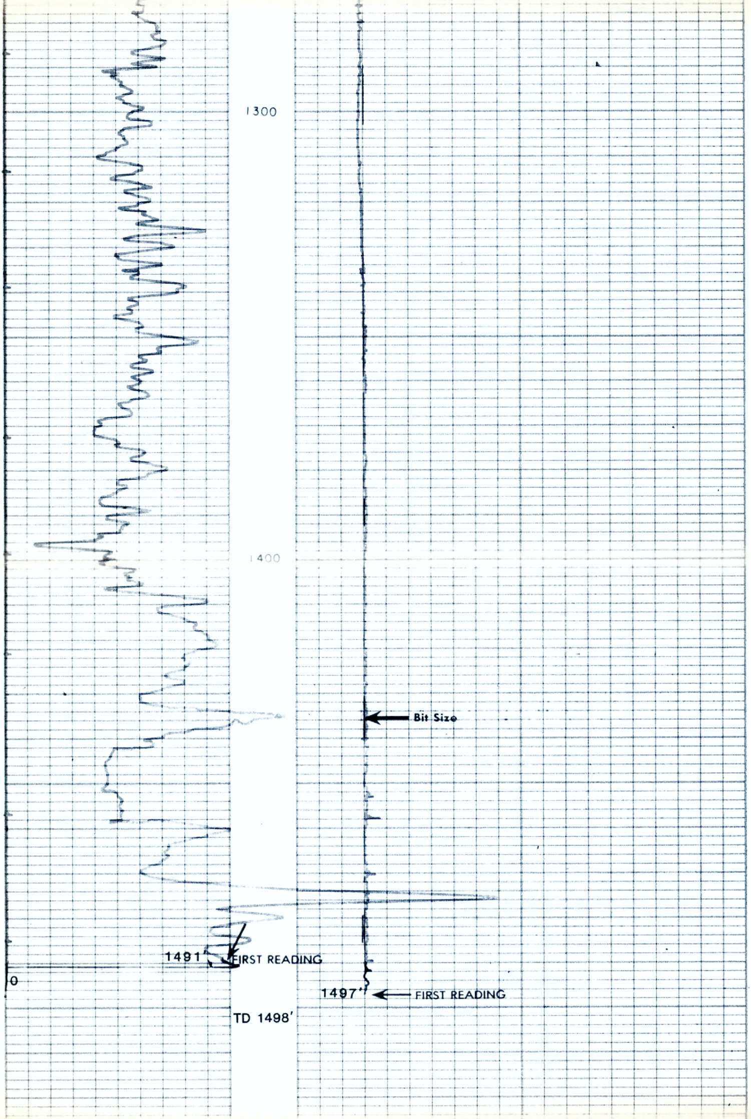




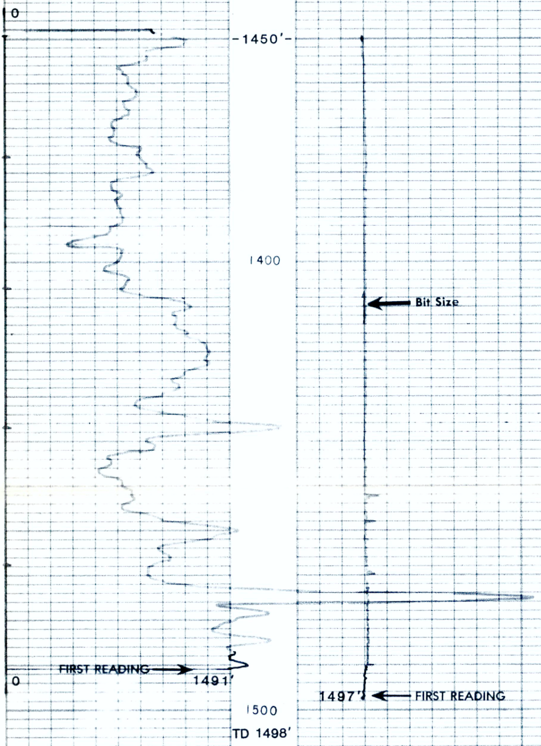




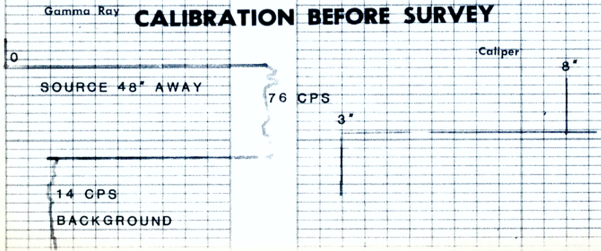




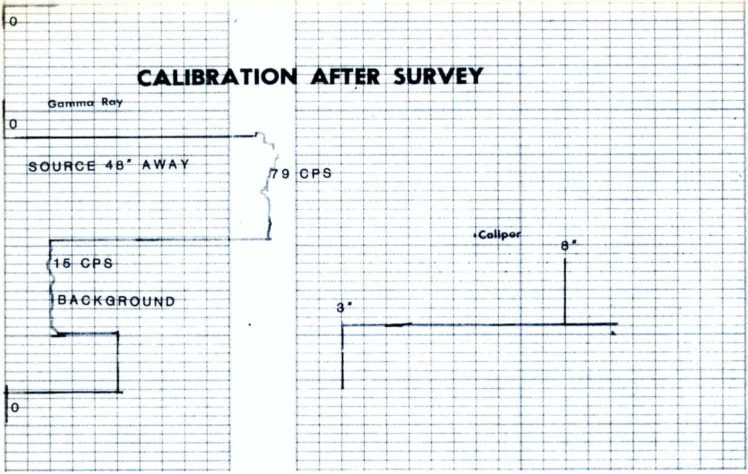
REPEAT SECTION



CALIBRATION BEFORE SURVEY



CALIBRATION AFTER SURVEY



CALIBRATION DATA

COMPANY	D.O.E.	DRILLER T.D.	1986'
WELL	~~32 - 32~~ 31-32	BIRDWELL T.D.	1598'
FIELD	Alum	BIRDWELL F.R.	1597'
LOCATION	N.A.	ELEV.: K.B.	
COUNTY	Esmeralda	D.F.	
STATE	Nevada DATE Mar. 27, 1983	G.L.	N.A.

BIRDWELL DIVISION

Seismograph Service Corporation
A SUBSIDIARY OF RAYTHEON COMPANY

SSC 705-C