

Figure 13.--DRILL-HOLE NO. AK-3-BP
Natural Gamma, Density, Caliper log

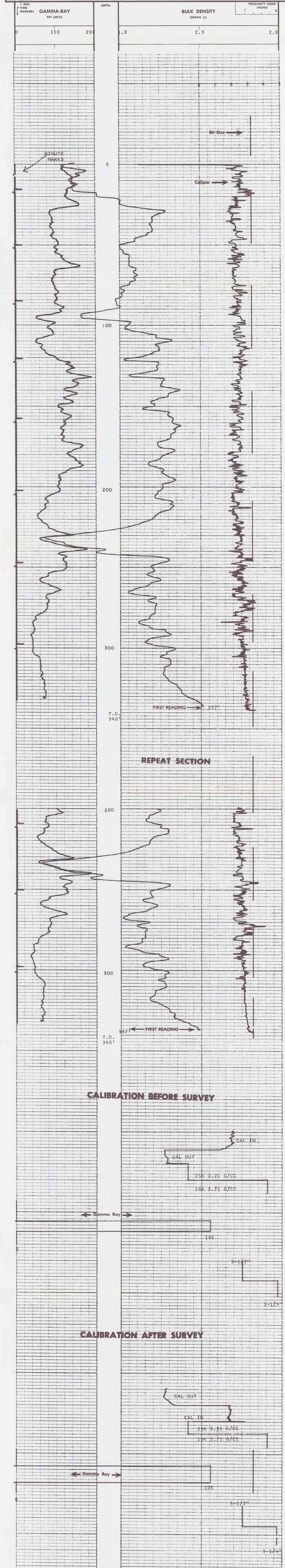
									
BIRDWELL									
Gamma-Ray Density									
6 CALIPER LOG									
COMPANY		HAYDEN FARMER DRILLING COMPANY							
		<i>Geological Survey</i>							
WELL		AK 3 BP							
FIELD		SHEEP CREEK, ATTON-HANNAH							
COUNTY		GARFIELD		STATE		UTAH			
LOCATION: <i>SE45E7</i>		120 ft E line, 500 ft S line				OTHER SERVICES			
						ES			
PREPARED BY		SEC. 30		TWP. 37S		RGE. 3W		ELEV. K.B.M.	
LOG MEASURED FROM		GL. 0		Ft. Above Perm. Datum				D.F. 5	
DRILLING MEASURED FROM		GROUND LEVEL						GL 660	
DATE		20 JUNE 76							
RUN NO.		TYPE LOG		ONE					
		DEPTH - DRILLER		GR-CA3-FDL					
		DEPTH - LOGGER		340'					
		BITM. LOG, INTER.		340'					
		TOP LOG, INTER.		337'					
		TYPE MUD		MUD					
		TYPE MUD PUMP		N/A					
		DENSITY LB./GAL.		50					
		LEVEL		N/A					
		MAX REC. TEMP. - °F		1 HR					
		OPER. RIG TIME		RECORDED BY MARTINEZ					
		WITNESSED BY		MR. NEAL					
LOCATION		GUT							
RUN NO.		BORE HOLE RECORD		TO		CASING RECORD		TO	
BIT FROM		HOLE		SIZE		WG.		FROM	
1		4-3/4" 0.1		34.0'					

50C 663-F

DENSITY CALIBRATION DATA				EQUIPMENT DATA			
PRIMARY REF.	CR.	AL204	14.5	64	MG	RUN NO.	ONE
EQUIVALENT DEN. G/CC		2.70		2.50		DEN. SONDE MOD. NO.	LAHE-8001
SECONDARY REF.		IN		OUT		DEN. SONDE SER. NO.	4
EQUIVALENT DEN. G/CC		2.465		2.08		DIAMETER	2-1/4"
REORDER CAL. REF.		10K		25K		DEN. SOURCE NO.	S-283
EQUIVALENT DEN. G/CC		2.71		2.21		GR. SONDE MOD. NO.	LALA-8001
NOMINAL HOLE DIAM.		5"		5"		GR. SONDE SER. NO.	6
						DIAMETER	1"/16
REMARKS:				GENERAL			
NO RIG				TRUCK NO. 3016			
				SERVICE ORDER INV.			
				REFERENCE LITERATURE:			
N.A. - INFORMATION NOT AVAILABLE							
GENERAL				LOGGING DATA			
GAMMA RAY				DENSITY			
DEPTH	SREQ	TC	CRM	TSPD DIV	ARI LIMITS	CRM	G/Sec

GENERAL				GAMMA RAY				DENSITY
DEPTHS		SPEED FT./MIN.	TC SEC.	CPM FULL SCALE	ZERO DIV. L OR R.	API UNITS LOG DIV.	CPM FULL SCALE	G./CC/ LOG. DIV.
FROM	TO							
337	0	30	2	20×10^3	-0-	20	80×10^3	.05

NOTE: RECORDER BULK DENSITY MUST BE CORRECTED FOR STANDOFF (PROXIMITY INDEX)



CALIBRATION DATA				
COMPANY	HAYDEN FARMER DRILLING COMPANY		DRILLER	T.D. 340'
WELL	AK 3 BP		BIRDWELL	T.D. 340'
FIELD	SHEEP CREEK, ALTON-KANAB		BIRDWELL	F.R. 337'
LOCATION	SEC. 30, TWP. 37S, RGE. 3W		ELEV.:	K.B. "
COUNTY	GARFIELD			D.F. "
STATE	UTAH	DATE 20 JUNE 76		G.L. 6660'
Birdwell Division				"NO RIG