G01863

SCHLUMBERGER WELL SURVEYING CORPORATION
HOUSTON, TEXAS

Laterolog
WITH GAMMA RAY

COUNTY	ST. LOUIS
FIELD or LOCATION	FLORISSANT N/A
WELL	BENTZEN #1 UGS
COMPANY	LACLEDE GAS CO.

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WELL	BENTZEN #1 UGS
FIELD	FLORISSANT
LOCATION	N/A
COUNTY	ST. LOUIS
STATE	MISSOURI

Location of Well: N/A

Other Surveys: ML

Elevation: K.B.: 556 D.F.: or G.L.: 547

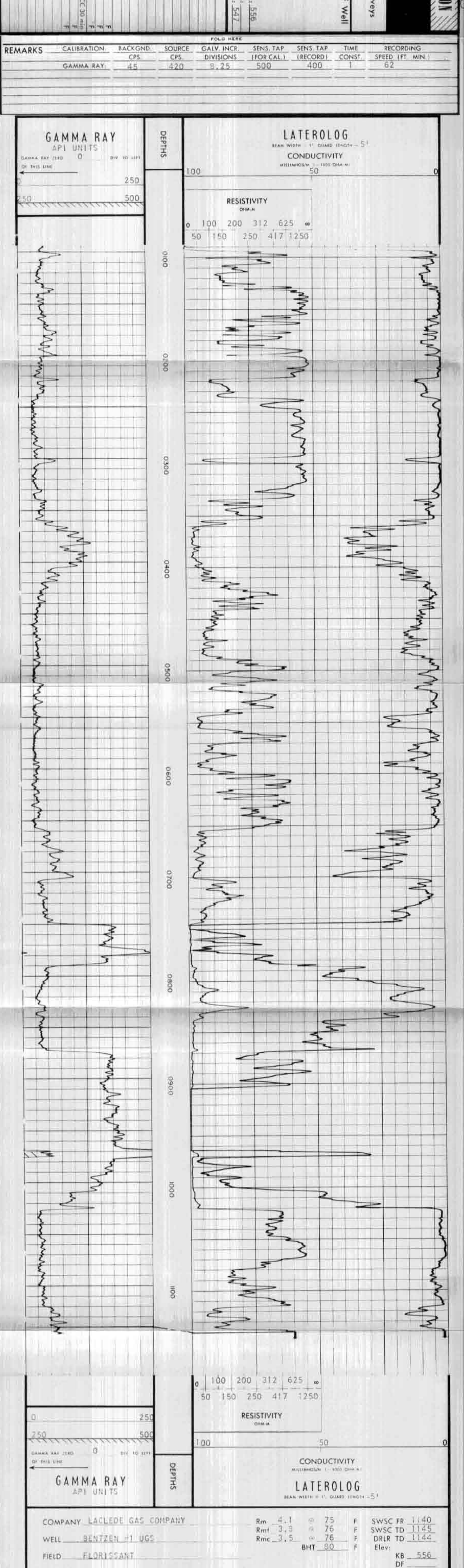
Log Depths Measured From KB 9 Ft. above GL

RUN No.	ONE		
Date	4-24-62		
First Reading	1140		
Last Reading	91		
Feet Measured	1049		
Csg. Schlum.	91		
Csg. Driller	89		
Depth Reached	1145		
Bottom Driller	1144		
Mud Nat.	GEL		
Dens. / Visc.	10 / 42		
Mud Resist.	4.1 @ 75 °F	@ °F	@ °F
" Res. BHT	4.0 @ 80 °F	@ °F	@ °F
" pH	--- @ °F	@ °F	@ °F
" Wtr. Loss	--- CC 30 min	CC 30 min	CC 30 min
Rmf	3.8 @ 76 °F	@ °F	@ °F
Rmc	3.5 @ 76 °F	@ °F	@ °F
Bit Size	13 3/4"		
Laterolog 3	a = 1' ; L = 5'	a = ; L =	a = ; L =
Laterolog 7	a = ; n =	a = ; n =	a = ; n =
Opr. Rig Time	1 HR.		
Truck No.	2937-EFFINGHAM		
Recorded By	VOGEL		
Witness	THOMAS		

FOLD HERE

REMARKS	CALIBRATION	BACKGND CPS	SOURCE CPS	GALV. INCR. DIVISIONS	SENS. TAP (FOR CAL.)	SENS. TAP (RECORD)	TIME CONST.	RECORDING SPEED (FT. MIN.)
	GAMMA RAY	45	420	8.25	500	400	1	62

GAMMA RAY API UNITS	DEPTHS	LATEROLOG
GAMMA RAY ZERO 0 DIV. TO LEFT OF THIS LINE; 0 — 250; 250 — 500		BEAM WIDTH = 1', GUARD LENGTH = 5'; CONDUCTIVITY MILLIMHOS/M (1 = 1000 OHM-M) 100 — 50 — 0; RESISTIVITY OHM-M 0 100 200 312 625 ∞ / 50 150 250 417 1250



RESISTIVITY OHM-M	0 100 200 312 625 ∞ / 50 150 250 417 1250
CONDUCTIVITY MILLIMHOS/M (1 = 1000 OHM-M)	100 — 50 — 0
GAMMA RAY API UNITS	0 — 250; 250 — 500; GAMMA RAY ZERO 0 DIV. TO LEFT OF THIS LINE
LATEROLOG	BEAM WIDTH = 1', GUARD LENGTH = 5'

COMPANY	LACLEDE GAS COMPANY	Rm 4.1 @ 75 F		SWSC FR 1140
WELL	BENTZEN #1 UGS	Rmf 3.8 @ 76 F		SWSC TD 1145
FIELD	FLORISSANT	Rmc 3.5 @ 76 F		DRLR TD 1144
COUNTY	ST. LOUIS STATE MISSOURI	BHT 80 F		Elev: KB 556 DF GL 547

DETAIL LOG
5" = 100'

GAMMA RAY API UNITS	DEPTHS	LATEROLOG
GAMMA RAY ZERO 2 DIV. TO LEFT OF THIS LINE; 0 — 250; 250 — 500		BEAM WIDTH = 1', GUARD LENGTH =; CONDUCTIVITY MILLIMHOS/M (1 = 1000 OHM-M) 100 — 50 — 0; RESISTIVITY OHM-M 0 100 200 312 625 ∞ / 50 150 250 417 1250

RESISTIVITY OHM-M	0 100 200 312 625 ∞ / 50 150 250 417 1250
GAMMA RAY API UNITS	0 — 250; 250 — 500; GAMMA RAY ZERO DIV. TO LEFT OF THIS LINE
CONDUCTIVITY MILLIMHOS/M (1 = 1000 OHM-M)	100 — 50 — 0
LATEROLOG	BEAM WIDTH = 1', GUARD LENGTH = 5'

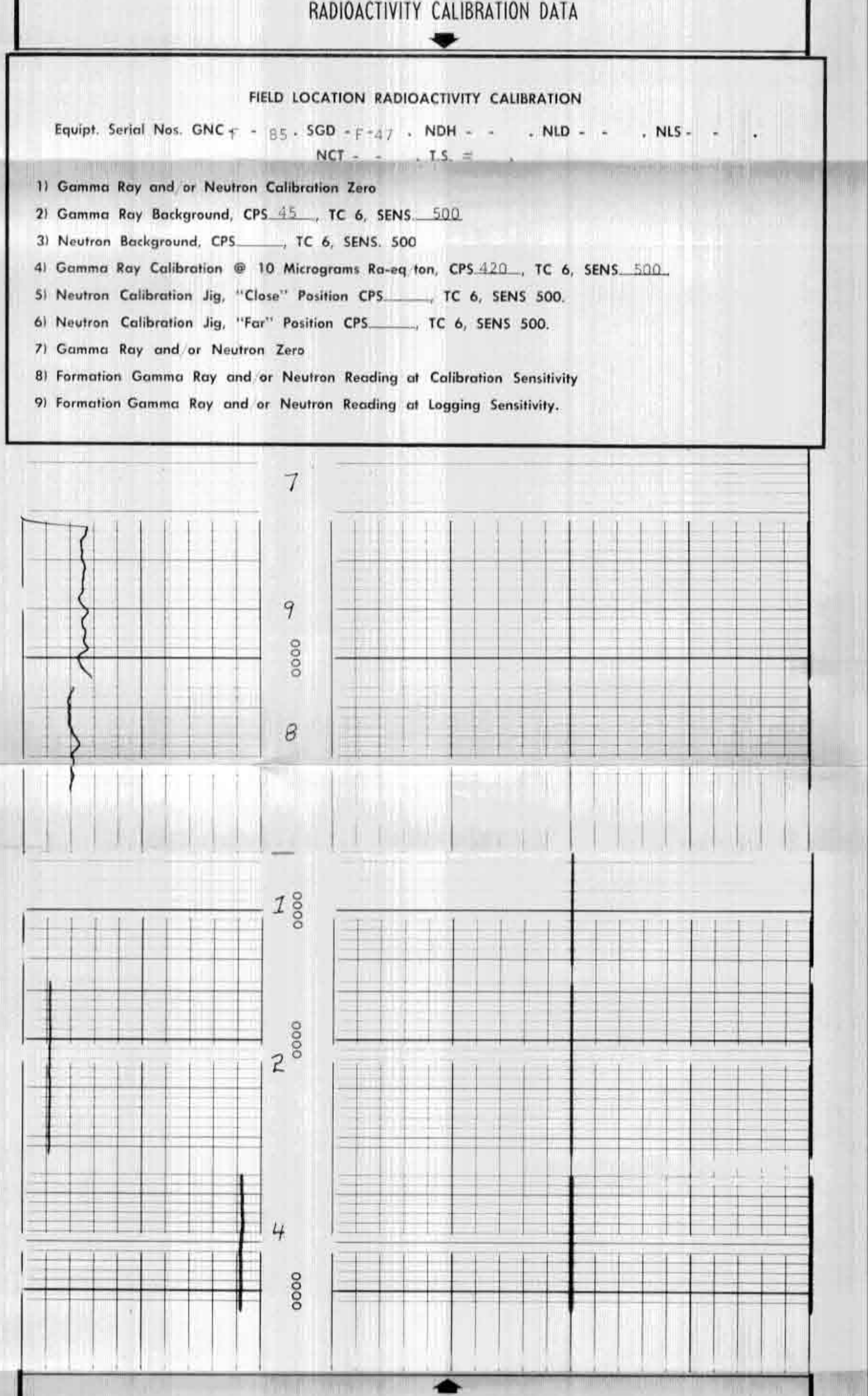
COMPANY	LACLEDE GAS COMPANY	Rm 4.1 @ 75 °F		SWSC FR 1140
WELL	BENTZEN #1 UGS	Rmf 3.8 @ 76 °F		SWSC TD 1145
FIELD	FLORISSANT	Rmc 3.5 @ 76 °F		DRLR TD 1144
COUNTY	ST. LOUIS STATE MISSOURI	BHT 80 °F		Elev: KB 556 DF GL 547

RADIOACTIVITY CALIBRATION DATA

FIELD LOCATION RADIOACTIVITY CALIBRATION

Equipt. Serial Nos. GNC - T - 85 . SGD - F-47 . NDH - - . NLD - - . NLS - - .
NCT - - . T.S. = .

1) Gamma Ray and/or Neutron Calibration Zero
2) Gamma Ray Background, CPS 45, TC 6, SENS. 500
3) Neutron Background, CPS ____, TC 6, SENS. 500
4) Gamma Ray Calibration @ 10 Micrograms Ra-eq/ton, CPS 420, TC 6, SENS. 500
5) Neutron Calibration Jig, "Close" Position CPS ____, TC 6, SENS 500.
6) Neutron Calibration Jig, "Far" Position CPS ____, TC 6, SENS 500.
7) Gamma Ray and/or Neutron Zero
8) Formation Gamma Ray and/or Neutron Reading at Calibration Sensitivity
9) Formation Gamma Ray and/or Neutron Reading at Logging Sensitivity.



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