

Schlumberger

COMPENSATED NEUTRON-LITHO DENSITY

COUNTYEDDY N.M.
FIELDOWEN MESA
LOCATIONPOKER LAKE
WELLUNIT #74
COMPANYBASS ENTERPRISES

COMPANYBASS ENTERPRISES PRODUCTION COMPANY
WELLPOKER LAKE UNIT #74
FIELDOWEN MESA
COUNTYEDDY STATENEW MEXICO

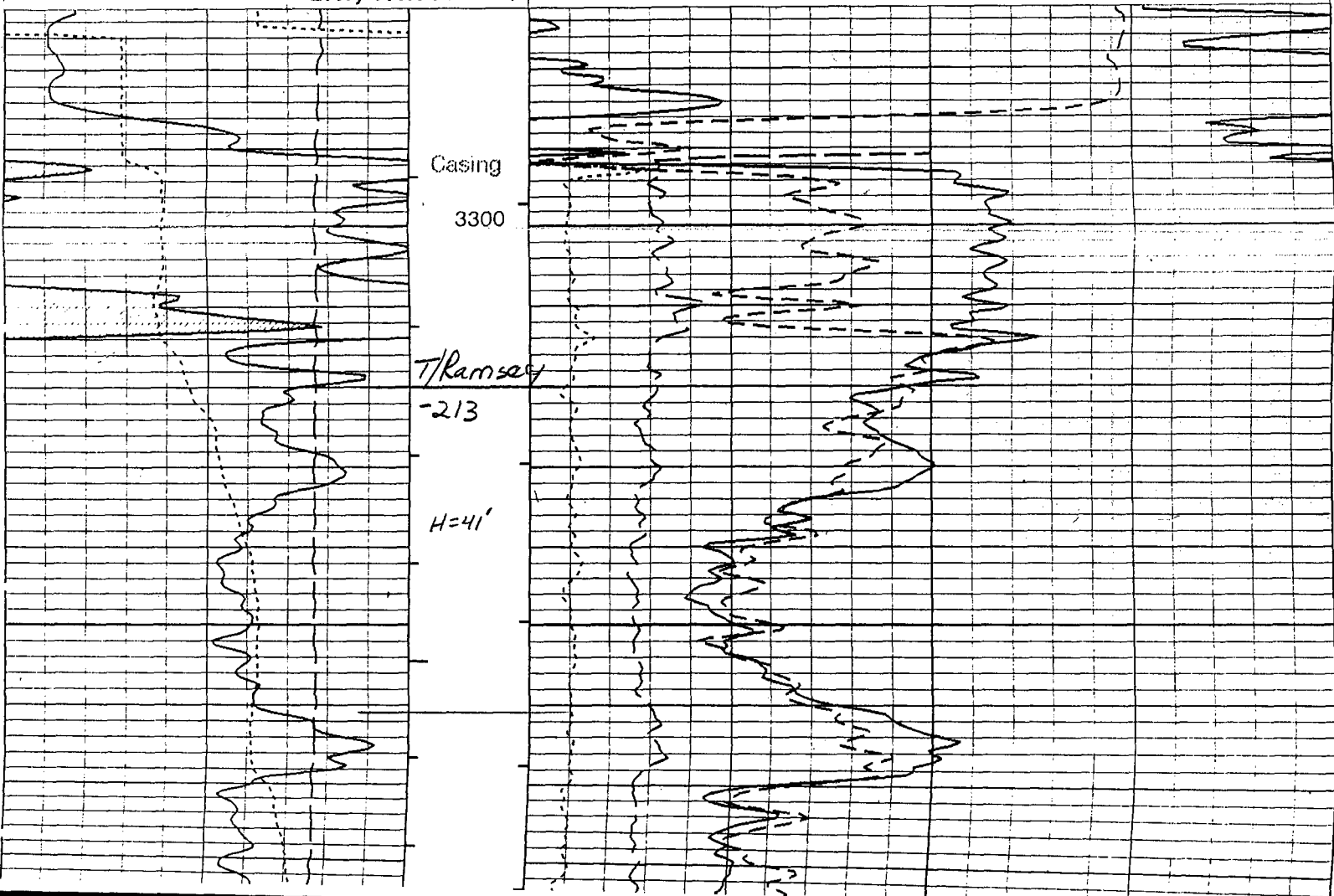
LOCATION1060' FSL. & 1980' REL.
API SERIAL NO. SEC24 TWP24-S RANGE29-E
Other Services:
DLL/MSFL

Permanent Datum: G.L.; Elev.: 3088
Log Measured From K.B. 19 Ft. Above Perm. Datum
Drilling Measured From K.B.
Elev.: K.B. 3107
D.F. 3106
G.L. 3088

Date	5-21-91	6-24-91		
Run No.	ONE	TWO		
Depth-Driller	11000	14100		
Depth-Logger (Schl.)	10998	14098		
Btm. Log Interval	10997	14097		
Top Log Interval	150	11000		
Casing-Driller	9.625 @ 3295	7 @ 11000	@	@
Casing-Logger	3290	11000		
Bit Size	8.750	6.125		
Type Fluid in Hole	CUT BRINE	KC-MILPAC-KCL		
Dens.	9.2	29	11.40	36.0
pH	Fluid loss	10 ml	9.0	6.0 ml
Source of Sample	PIT	PIT		
Rm @ Meas. Temp.	0.070 @ 74 °F	0.058 @ 75 °F	@	@
Rmf @ Meas. Temp.	0.070 @ 74 °F	0.052 @ 75 °F	@	@
Rmc @ Meas. Temp.	@ °F	0.160 @ 75 °F	@	@
Source. Rmf Rmc		PRESS PRESS		
IT	0.032 @ 168 °F	0.030 @ 154 °F	@	@
on Stopped	0030	0500		
n Bottom	SEE LOG	SEE LOG		
Temp.	168 °F	154 °F		
Location	2003 HOBBS	8329 RSWL		
y	BLANKENBURG	SULLIVAN		
By	SPENCER	BRITEN		

Integrated Hole/Cement Volume Summary

GAMMA RAY BACKUP		Integrated Hole Volume Minor Pip Every 10.0 F3	
Time Mark Every 60.0 S	Integrated Cement Volume Minor Pip Every 10.0 F3	DRHO (DRHO) (G/C3)	0.45
Caliper (CALI) (IN)	6.0 16.0	Integrated Hole Volume Major Pip Every 100.0 F3	
Gamma Ray (GR) (GAPI)	0.0 100.0	DPHI (DPHI) (V/V)	-0.1
GRB (GR) (GAPI)	100.0 200.0	NPHI (NPHI) (V/V)	-0.1
Tension (TENS) (LBF)	10000.0 0.0	PEF (PEF) (----)	10.0
Integrated Cement Volume Major Pip Every 100.0 F3		Run 1	



T/8A

6800

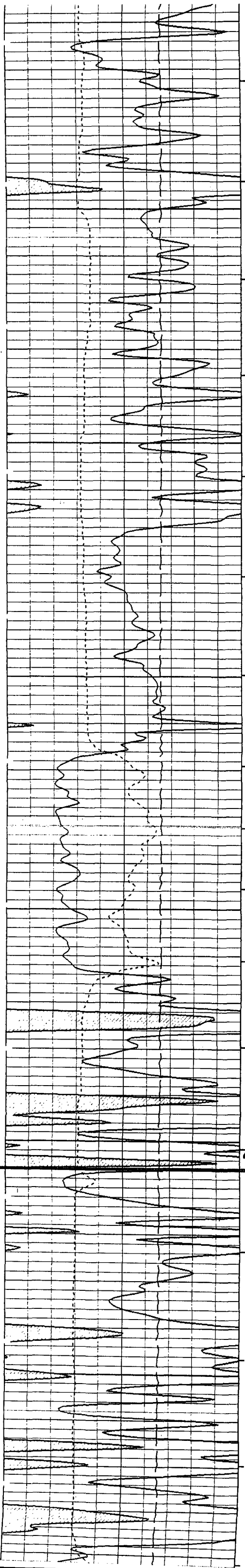
6900

7000

BONE
SPRING

7100

PLU-74

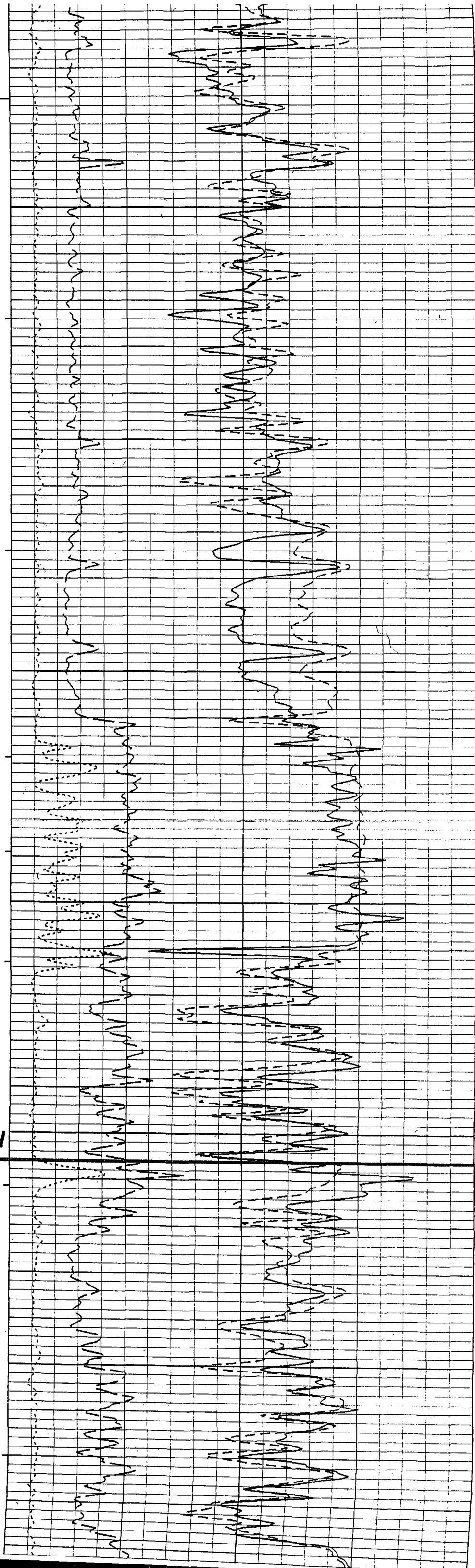


7000

7100

AVALON

7200



Schumberger
SIMULTANEOUS
DUAL LATEROLOG
MICRO-SFL

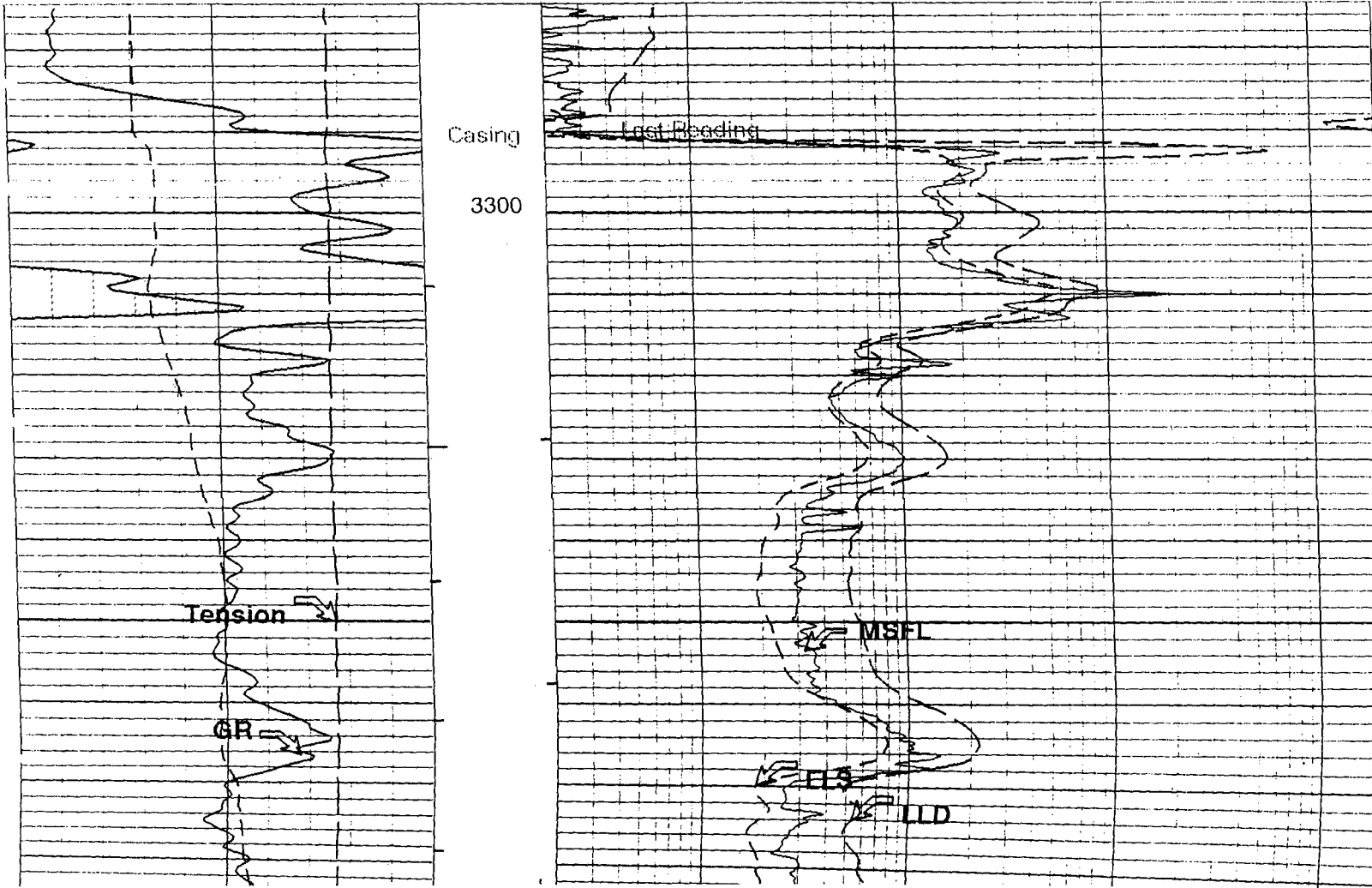
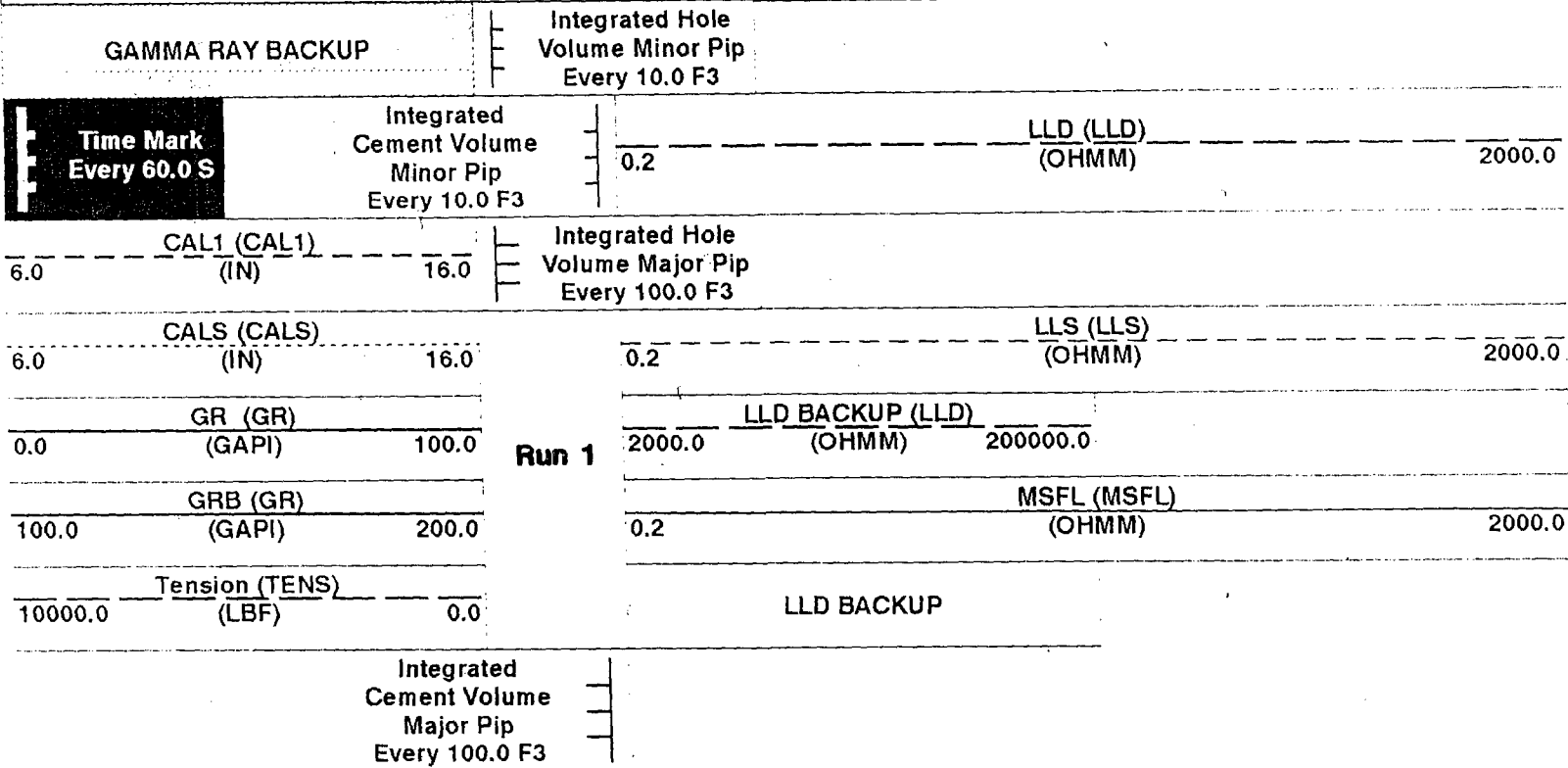
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WELLPOKER LAKE UNIT #74
FIELDOWEN MESA
COUNTYEDDY
STATENEW MEXICO
LOCATION1060' FSL & 1980' FEL
API SERIAL NO. SEC. TWP. RANGE
24 24-S 29-F
Other Services:
CNL/1DT

Permanent Datum:	C.I.	Elev.: 3083	Elev.: K.B. 3107
Log Measured From:	K.B.	19	D.F. 3106
Drilling Measured From:	K.B.		G.L. 3088
Date	5-21-91	6-24-91	
Run No.	ONE	TWO	
Depth-Driller	11000	14100	
Depth-Logger (Schl.)	10998	14098	
Btm. Log Interval	10997	14097	
Top Log Interval	3290	11000	@
Casing-Driller	9.625 @ 3295	7 @ 11000	
Casing-Logger	3290	11000	
Bit Size	8.750	6.175	
Type Fluid in Hole	CUT BRINE	XC-MILPAC-KCL	
Dens. Visc.	9.2 29	11.40 36.0	
pH Fluid Loss		10 ml 9.0 6.0 ml	
Source of Sample	PIT	PIT	
Rm @ Meas. Temp.	0.070 @ 74 °F	.058 @ 75 °F	@ °F
Rmf @ Meas. Temp.	0.070 @ 74 °F	.052 @ 75 °F	@ °F
Rmc @ Meas. Temp.	@ °F	.160 @ 75 °F	@ °F
Source: Rmf Rmc		PRESS PRESS	@ °F
Rm @ BHT	0.040 @ 135 °F	.030 @ 154 °F	@ °F
Circulation Stopped	0030	0500	
Logger on Bottom	SEE LOG	SEE LOG	°F
Max. Rec. Temp.	135	°F 154	
Equip. Location	2003 HORRS	8329 RSWL	
Recorded By	ELAYNEBURG	SULLIVAN	
Witnessed By	SPENCER	BROTEN	

Integrated Hole/Cement Volume Summary

Hole Volume = 5219.04 F3
Cement Volume = 3159.80 F3 (assuming 7.00 IN casing O.D.)
Computed from 11000.0 FT to 3295.0 FT using data channel(s) CAL1 CALS



T18A
6800

6900

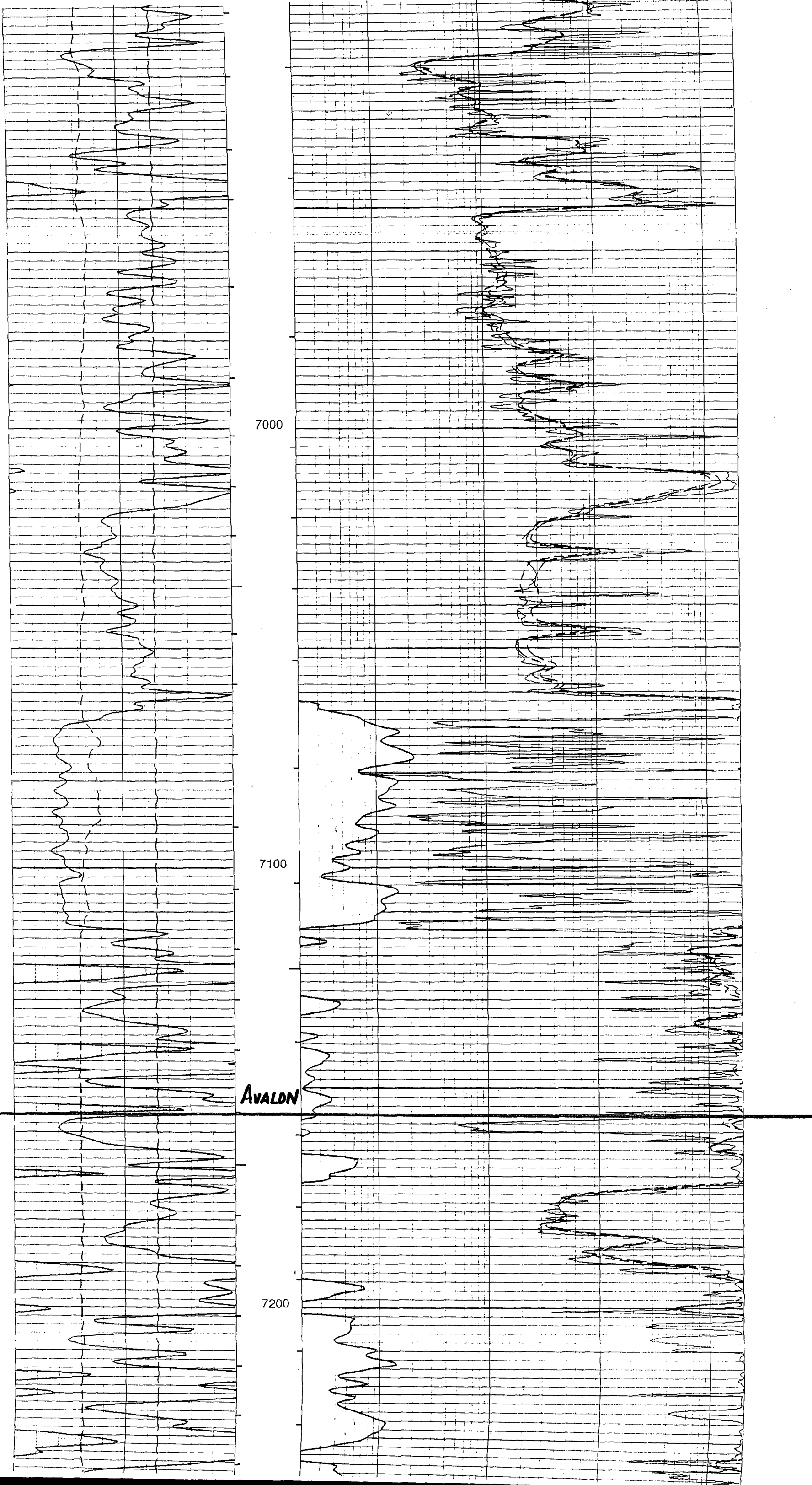
7000

BONE
SPRING

7100

PLU-74

PLU-74



COMPANY BASS ENTERPRISES PROD. CO
WELL POKER LAKE 74
LOCATION SECTION 24 TWP 24S RGE. 29 E
COUNTY EDDY STATE N M
ELEVATION DR _____ GL 3088' KB 3107'
SUPERVISING ENGR. JIM WOOD - KENNY GROVES
DEPTH LOGGED FROM 3,050' TO 14,100'
DATE LOGGED FROM 5/1/91 TO 6-24-91

NRS — NEW BIT
DCB — DIAMOND CORE BIT
DST — DRILL STEM TEST

NR — NO RETURN
CO — CIRCULATED OUT

MORCO GEOLOGICAL SERVICES

SAND	LIMESTONE	GRANITE WASH
SILTSTONE	DOLOMITE	CONGLOMERATE
SHALE	ANHYDRITE	CHERT

GAS CHROMATOGRAPH ANALYSIS

METHANE		BUTANE	
ETHANE	-----	PENTANE	-----
PROPANE	-----		

DRILLING RATE		TFG PORE	LITHOLOGY	LEACHED UNIT TFG	FLUOR %OIL	OIL STAIN	HYDROCARBON ANALYSIS LOG		REMARKS				
MIN/FT	FT/HR						MAN SERVICE TOTAL GAS	* CHROMATOGRAPH ANALYSIS	W	V	F	CK	PH
BIT #3 12 1/4 HTC J33C IN 1,745							COMMENCE MAN LOGGING 5/1/91 at 3:00 PM MST						
WOB 15-50 K RPM 75 SPM 84 PP 1000							HOT WIRE CAL. CI=100 CHRM CAL. C1 = 350 C2 400 C3 385 C4 300 C5 200						
20													
3,040													
DEV 2 1/2°									GALT:				
60													
80									ANAL: wht, clr, off wht, dns, m, micr xln, m				
3,100							CONN DT						
20									XLO: lt brn, tn, micr-v/f xln, m, fr cln, m, m g/p				
40							CONN CARBIDE LAG 60 min						
60							CONN		ANAL: off wht, mlky, clr, wht, m				

