Case No
7360

Large Exhibits

Schlumberger

COMPENSATED NEUTRON LOG

COMPANY L. J. BUCK

WELL MONCO #2

FIELD JALMAT

COUNTY LEA STATE NEW MEXICO

Other Services:

County LEA
State NEW MEXICO
Location 670' FSL & 660' FWL
Sec 25 Twp 25-S Rge 36-E
Permanent Datum G.L. Elev.
Log Measured From G.L. Ft. Above Perm. Datum
Drilling Measured From
Elev.: K.B.
D.F.
G.L.

Date	8-6-79								
Run No.	ONE								
Depth—Driller	3327								
Depth—Logger (Schl.)	3301								
Btm. Log Interval	3298								
Top Log Interval	2000								
Casing—Driller	8 1/2" TD	@		@		@			
Casing—Logger									
Bit Size	6 1/4								
Type Fluid in Hole	WATER								
Dens. / Visc.									
pH / Fluid Loss			ml		ml		ml		
Source of Sample									
Rm @ Meas. Temp.		@ °F		@ °F		@ °F		@ °F	
Rmf @ Meas. Temp.		@ °F		@ °F		@ °F		@ °F	
Rmc @ Meas. Temp.		@ °F		@ °F		@ °F		@ °F	
Source: Rmf / Rmc									
Rm @ BHT		@ °F		@ °F		@ °F		@ °F	
Time Circulation Stopped									
Time Logger on Bottom									
Max. Rec. Temp.		°F		°F		°F		°F	
Equip. / Location	7761 / HOBBS-CH								
Recorded By	POWELL								
Witnessed By	BUCK								

RUN NO. | BOREHOLE RECORD | CASING RECORD

Run No.	Bit From	Bit To	Size	Wgt.	Grade	From	To
ONE	SURF.	3327	6 1/4			SURF.	1880

Service Order No. 55083
Location FRESH
Recorded By LU

CONDITIONER DATA

Resistivity	1400	@ °F
Density	1.102	@ °F
Viscosity	1100	@ °F
pH	10.5	@ °F
Fluid Loss	1875	ml
Source of Sample	MUD PIT	
Rm @ Meas. Temp.	.867	@ 80 °F
Rmf @ Meas. Temp.		@ °F
Rmc @ Meas. Temp.		@ °F
Source of Rmf / Rmc		
Rm @ BHT		@ °F
Time Since Circ.	1880	HRS
Max. Rec. Temp. Logged		°F
Equipment Number		
Location		
Recorded By		
Witnessed By		

CALIBRATION DATA

Cal Blocked At	80	
Cal Blocked To	100	
Cal Blocked Ratio	1.65	
Cal Blocked CNL		
Cal Open At	80	
Cal Open To	100	
Cal Open Ratio	1.0	
Cal Open CNL	2.45	
Cal Interval		
Cal Time Interval		

LOGGING DATA

Depth Driller	
Depth Logger	
Bottom Log Interval	
Top Log Interval	
Casing Driller	
Casing Logger	
Bit Size	
Type Fluid in Hole	
Density / Viscosity	
pH / Fluid Loss	
Source of Sample	
Rm @ Meas. Temp.	
Rmf @ Meas. Temp.	
Rmc @ Meas. Temp.	
Source Rmf / Rmc	
Rm @ BHT	
Time Since Circ.	
Max. Rec. Temp.	
Equipment Number	
Location	
Recorded By	
Witnessed By	

LS-CH
10-110
100
5
100

REMARKS

Scale Up Hole Scale Down Hole

SCALE CHANGES
Type Log
Depth

POROSITY INDEX (%) LINE MARK
COMPENSATED NEUTRON POROSITY

CNL RATIO

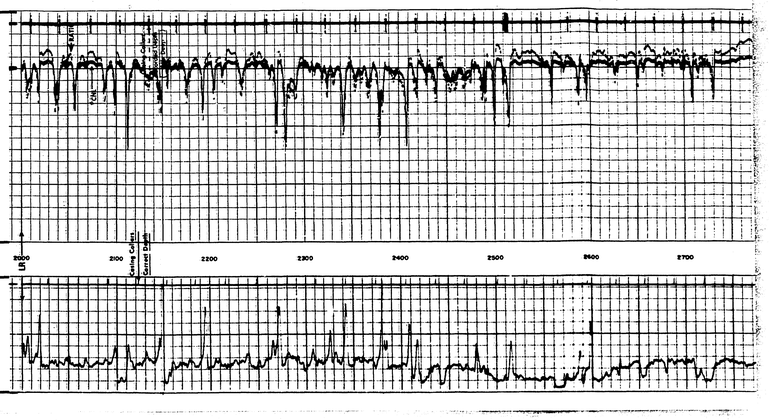
DEPTH

GAMMA RAY API UNITS

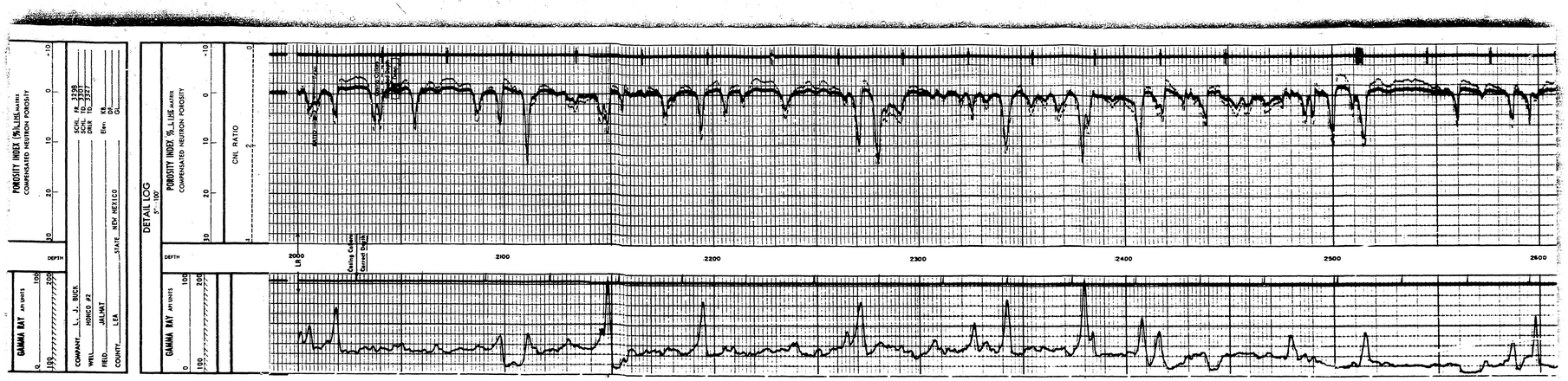
LS

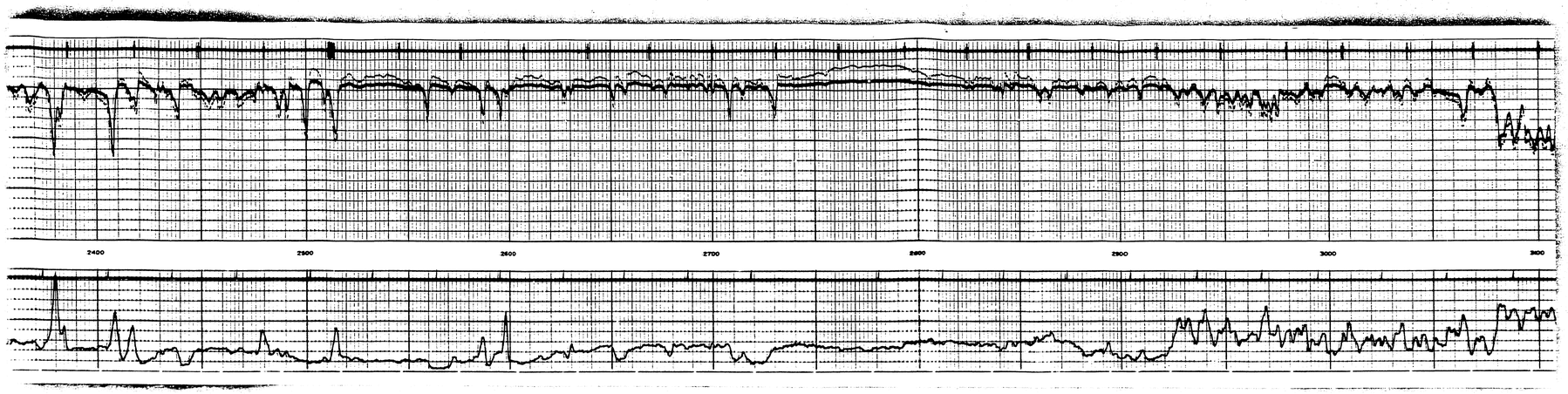
Casing Collars

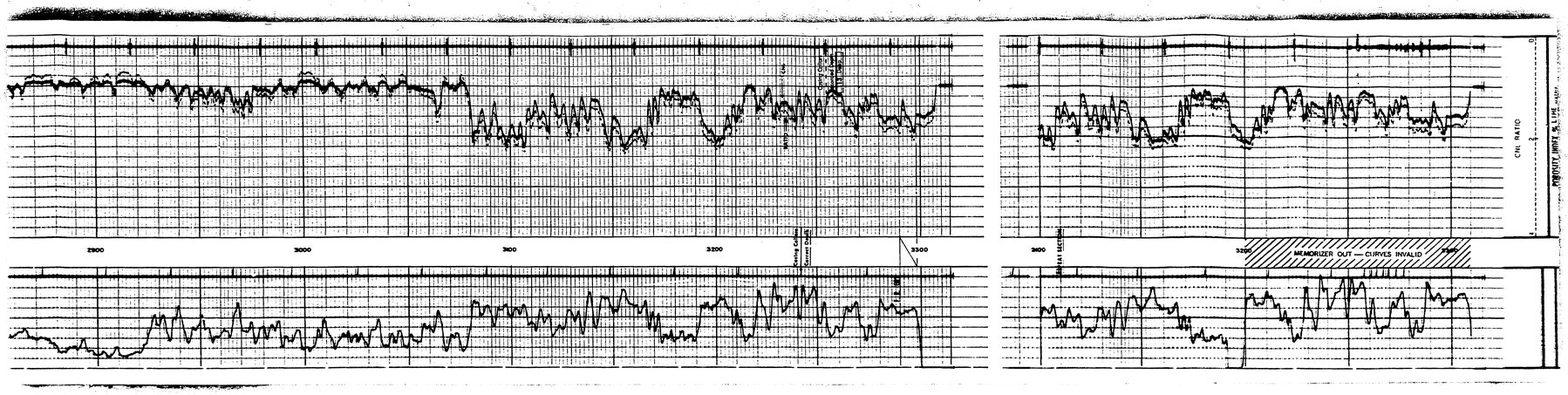
Sunset Baish



DETAIL LOG
5" 100'
POROSITY INDEX %, LIME MATRIX
COMPENSATED NEUTRON POROSITY
C/L RATIO
GAMMA RAY API UNITS
DEPTH
2000
2100
Casing Collar
Gamma Ray
COMPANY L. J. BUCK
WELL HONCO #2
FIELD JALMAT
COUNTY LEA
STATE NEW MEXICO
SCHL. No. 1598
DATE TD 2377
Elev. KB
DF
GL


POROSITY INDEX (%) LIME MATRIX
COMPENSATED NEUTRON POROSITY
GAMMA RAY API UNITS
DEPTH
COMPANY L. J. BUCK
WELL MONCO #2
FIELD JALMAT
COUNTY LEA
STATE NEW MEXICO
SCHL. No. 1398
STATE No. 3577
DATE
Elev. KB
DF
GL
DETAIL LOG
5"=100'
CNL RATIO
Casing Collar Log
Natural Gamma Ray
2000
2100
2200
2300
2400
2500
2600


2400
2500
2600
2700
2800
2900
3000
3100


2900
3000
3100
3200
3300
Casing Collar
Current Depth
MEMORIZER OUT — CURVES INVALID
CNL RATIO

MORIZER OUT -- CURVES INVALID
CNL RATIO
POROSITY INDEX % LIME MATRIX
COMPENSATED NEUTRON POROSITY
GAMMA RAY
CALIBRATION RECORD
CALIBRATION BEFORE SURVEY
CALIBRATION AFTER SURVEY
COMPENSATED NEUTRON CALIBRATION CODING
GAMMA RAY CALIBRATION CODING
CALIBRATION RECORD
COMPANY L. J. BUCK
WELL HUNCO -2
FIELD -- JALMAT
COUNTY LEA
STATE NEW MEXICO