Great Discovery 2

Welex

2" = 100'

DUAL INDUCTION GUARD LOG

COMPANY HUTCHINS AND MARX
WELL GREAT DISCOVERY #2
FIELD CAMAS VALLEY
COUNTY DOUGLAS STATE OREGON
API No. 36-019-00023
Location: 1920' SOUTH & 1450' EAST FROM THE NORTHWEST CORNER
Sec. 20 Twp 30S Rge 9W
Other Services: DIP AML GRD

Permanent Datum G.L. Elev 910'
Log Measured From K.B. 5 Ft. Above Perm. Datum
Drilling Measured From K.B.
Elev.: K.B 915' D.F 914' G.L 910'

Date	9-1-84			
Run No.	ONE			
Depth—Driller	3510'			
Depth—Welex	3502'			
Btm. Log Inter.	3497'			
Top Log Inter.	360'			
Casing—Driller	9 5/8 @ 360'	@	@	@
Casing—Welex	360'			
Bit Size	6 1/2"			
Type Fluid in Hole	WATER BASE MUD			
Dens. | Visc.	9.0 | 38	|	|	|
pH | Fluid Loss	12 | 6. ml	| ml	| ml	| ml
Source of Sample	CIRCULATED			
R_m @ Meas. Temp.	5.0 @ 60 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	4.5 @ 63 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	3.8 @ 61 °F	@ °F	@ °F	@ °F
Source R_{mf} | R_{mc}	MEAS | MEAS	|	|	|
R_m @ BHT	3.45 @ 90 °F	@ °F	@ °F	@ °F
Time Since Circ.	6 HOURS			
Time On Bottom	8:00 A.M.			
Max. Rec. Temp.	90 °F @ 3502'	°F @	°F @	°F @
Equip. | Location	2276 | [illegible]	|	|	|
Recorded By	[illegible]			
Witnessed By	MR. MARX			

Fold Here

Service Ticket No [illegible] API Serial No. 36-019-00023 PGM Version [illegible]

Change in Mud Type or Additional Samples		
Date | Sample No	|	|
Depth—Driller		
Type Fluid in Hole		
Dens. | Visc.	|	|
ph | Fluid Loss	| ml	|
Source of Sample		
R_m @ Meas. Temp	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F
Source: R_{mf} | R_{mc}	|	|
R_m @ BHT	3.45 @ 90 °F	@ °F
R_{mf} BHT	3.24 @ 90 °F	@ °F
R_{mc} BHT	2.66 @ 90 °F	@ °F

RESISTIVITY / RWA SCALE CHANGES				COMPUTED FROM	
Type Log	Depth	Scale Up Hole	Scale Down Hole	a	m

RESISTIVITY EQUIPMENT DATA				
Run No	Tool Type and No	Pad Type	Tool Position	Other
[illegible]	DUAL [illegible]		CENT.	
[illegible]	[illegible]		CENT.	

Borehole Corrections: shallow medium deep

EQUIPMENT DATA

GAMMA		ACOUSTIC			DENSITY		NEUTRON	
Run No		Run No			Run No.		Run No.	
Serial No		Serial No.			Serial No.		Serial No.	
Model No		Model No.			Model No.		Model No.	
Diameter		No. of Cent.			Diameter		Diameter	
Detector Model No.		Spacing			Log Type		Log Type	
Type					Source Type		Source Type	
Length		LSA	☐ Yes ☐ No		Serial No.		Serial No.	
Distance to Source		FWDA	☐ Yes ☐ No		Strength		Strength	

LOGGING DATA

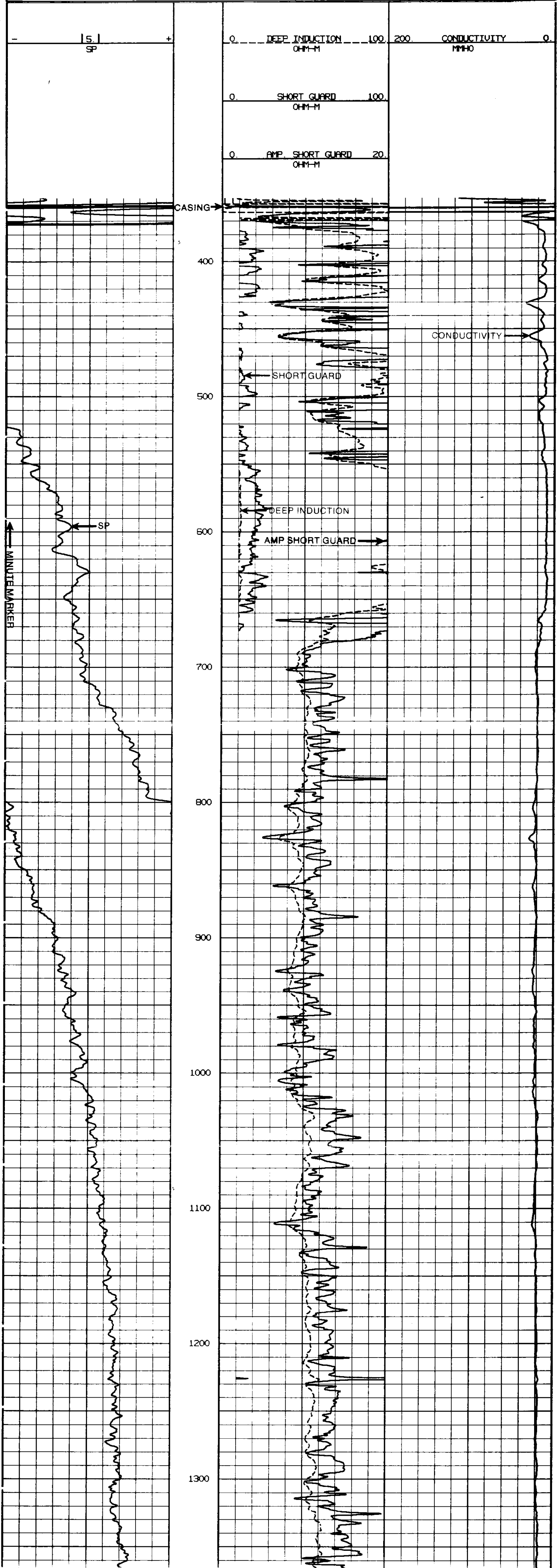
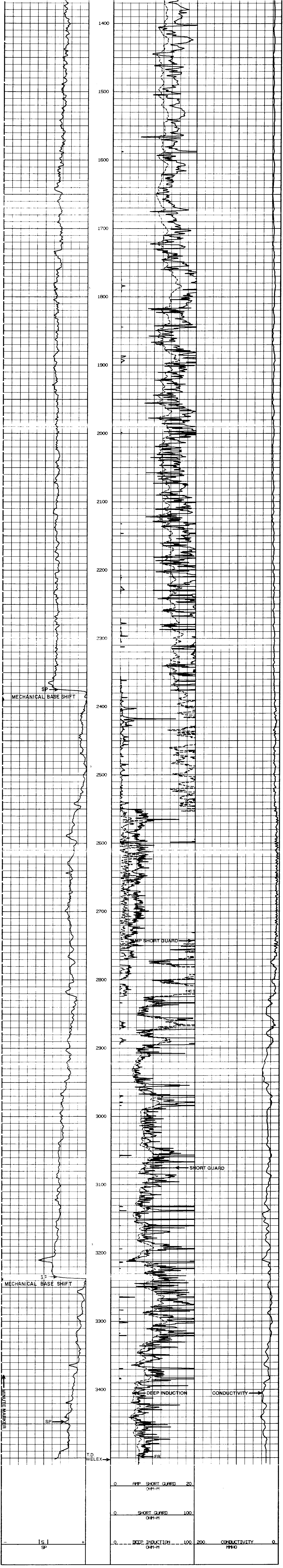
GENERAL				GAMMA		ACOUSTIC			DENSITY			NEUTRON		
Run No.	Depths From	Depths To	Speed Ft./Min.	Scale L	Scale R	Scale L	Scale R	Matrix	Scale L	Scale R	Matrix	Scale L	Scale R	Matrix

a = m = Δt_{sh} = Δt_{fl} = ρ_{fl} =

REMARKS:

DRAFTED BY: PAT LINEHAN

CASED HOLE PARAMETERS	
From:	To:
Bit Size	
Csg. O.D.	
Csg. Wt.	

Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations agrees that Welex is not responsible except where due to gross negligence or willful misconduct for any loss, damages, or expenses resulting from the use thereof.