DIVISION OF WATER RESOURCES

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLERS REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 10319
Permit No. 24788-28572
Basin LEMMON VAL

1. OWNER RENO STEAD DEVELOP. CO. ADDRESS Building 1202 RENO-STEAD AIRPORT, RENO, NEV 89506

2. LOCATION CENTER of NW ¼ Sec. 19 T. 21 N/S R. 19 E. WASHOE County
PERMIT NO.

3. TYPE OF WORK
New Well ☒ Recondition ☐
Deepen ☐ Other ☐

4. PROPOSED USE
Domestic ☐ Irrigation ☐ Test ☒
Municipal ☐ Industrial ☐ Stock ☐

5. TYPE WELL
Cable ☐ Rotary ☒
Other ☐

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
SANDY CLAY		0	16	16
SAND		16	24	8
DRY CLAY		24	30	6
SAND TO 1/16" (NOT USED)		30	70	40
CLAY		70	90	20
SAND TO 1/8" NOT USED	X	90	110	20
SAND - 1/16" W/ CLAY LENS		110	245	135
SAND - TO 1/8" NOT USED	X	245	260	15
SANDY CLAY		260	305	45
SAND TO 1/8"	X	305	320	15
SANDY CLAY	X	320	340	20
SAND TO 1/8	X	340	360	20
SANDY CLAY	X	360	405	45
CLAY	X	405	415	10
SAND & "P" GRAVEL	X	415	460	40
CLAY	X	460	465	5
SAND COARSE	X	465	485	20
SANDY CLAY	X	485	515	30
SAND & "P" GRAVEL	X	515	615	100
CLAY	X	615	627	12
SAND & P GRAVEL	X	627	840	213
SEE ELECT LOG				

Date started OCT 1, 1968
Date completed NOV 1, 1968

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	800	16	10
	1200	25	14

BAILER TEST
G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours

8. WELL CONSTRUCTION
Diameter hole 22 inches Total depth 840' feet
Casing record RAI-WELL
Weight per foot 2.5# Thickness 3/16"

Diameter	From	To
20" inches	SURFACE feet	50 feet
12 3/4" inches	SURFACE feet	310 feet
10 3/4" inches	310 feet	840 feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes ☒ No ☐ Type CASED & CEMENT
Depth of seal 50 feet
Gravel packed: Yes ☒ No ☐
Gravel packed from SURFACE feet to 840 feet

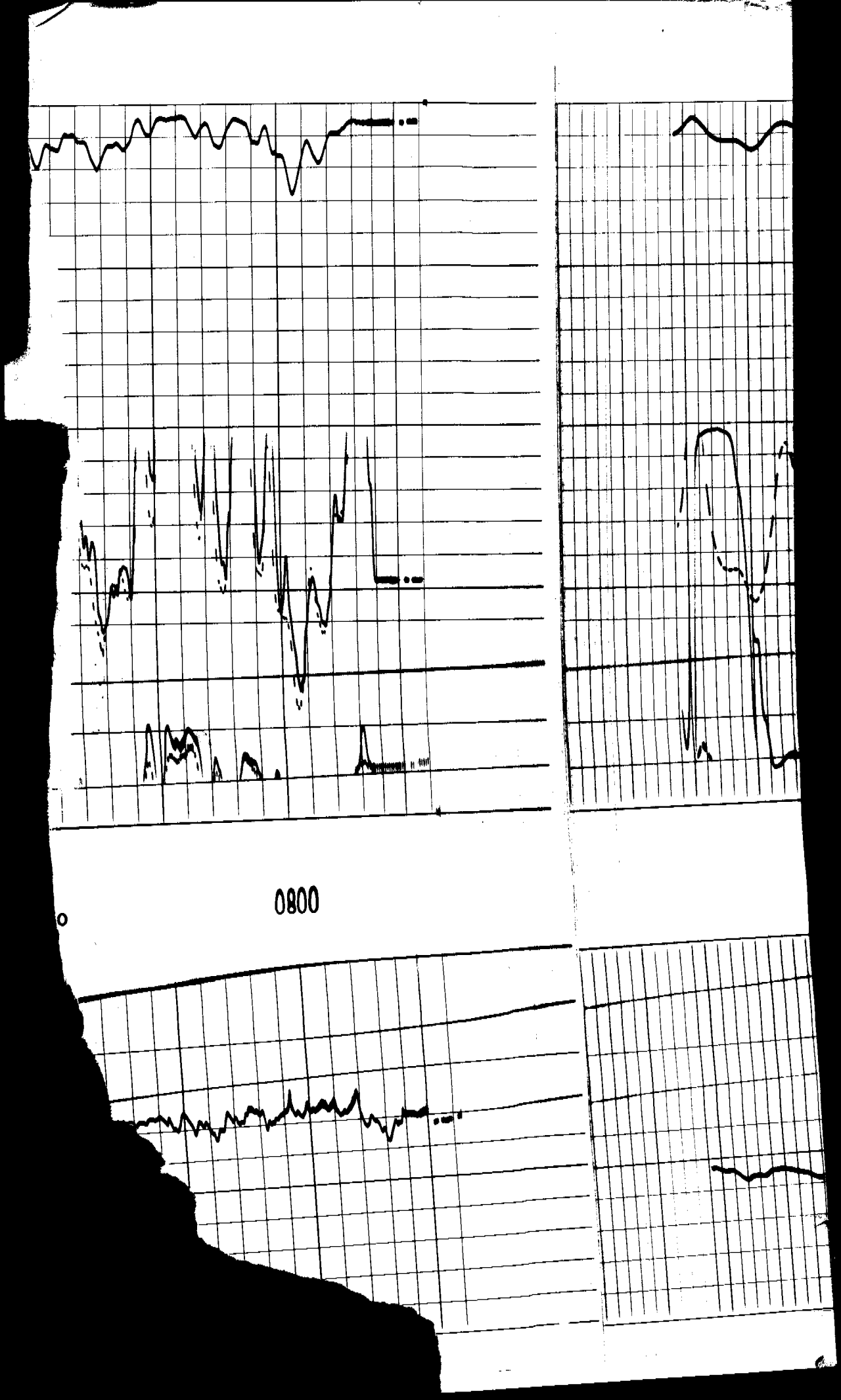
Perforations:
Type perforation LOUVER FULL FLO
Size perforation 3/32" x 2 7/8 96 PER FOOT
From 310 feet to 358 feet
From 406 feet to 478 feet
From 550 feet to 694 feet
From 742 feet to 790 feet
From 814 feet to 838 feet

9. WATER LEVEL
Static water level 44 Feet below land surface 44 ft
Flow — G.P.M. —
Water temperature 68 ° F. Quality GOOD

10. DRILLERS CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge. BURTS DRILLING CO
Name K.O. BURT JR
Address 2050 Valley Rio Rd ELCAJON, CALIF
Nevada contractor's license number 6589
Nevada driller's license number 351
Signed K.O. Burt Jr
Date Nov 21 '68

USE ADDITIONAL SHEETS IF NECESSARY

5471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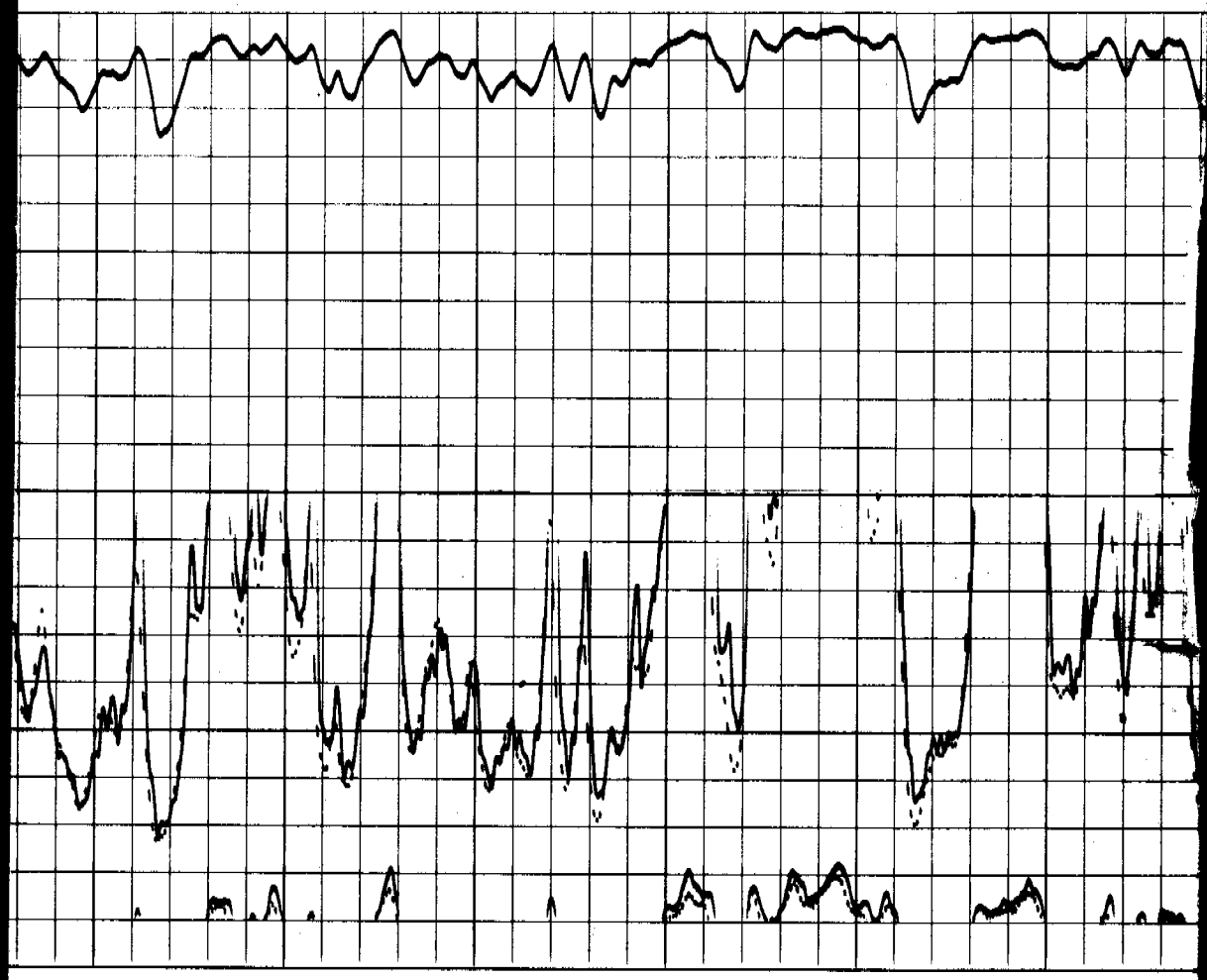

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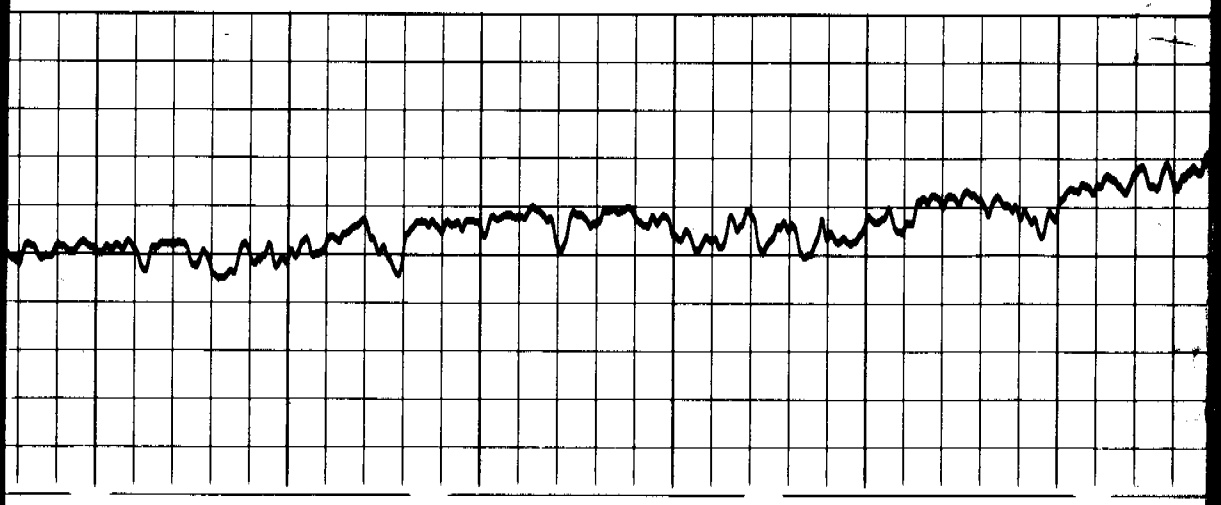

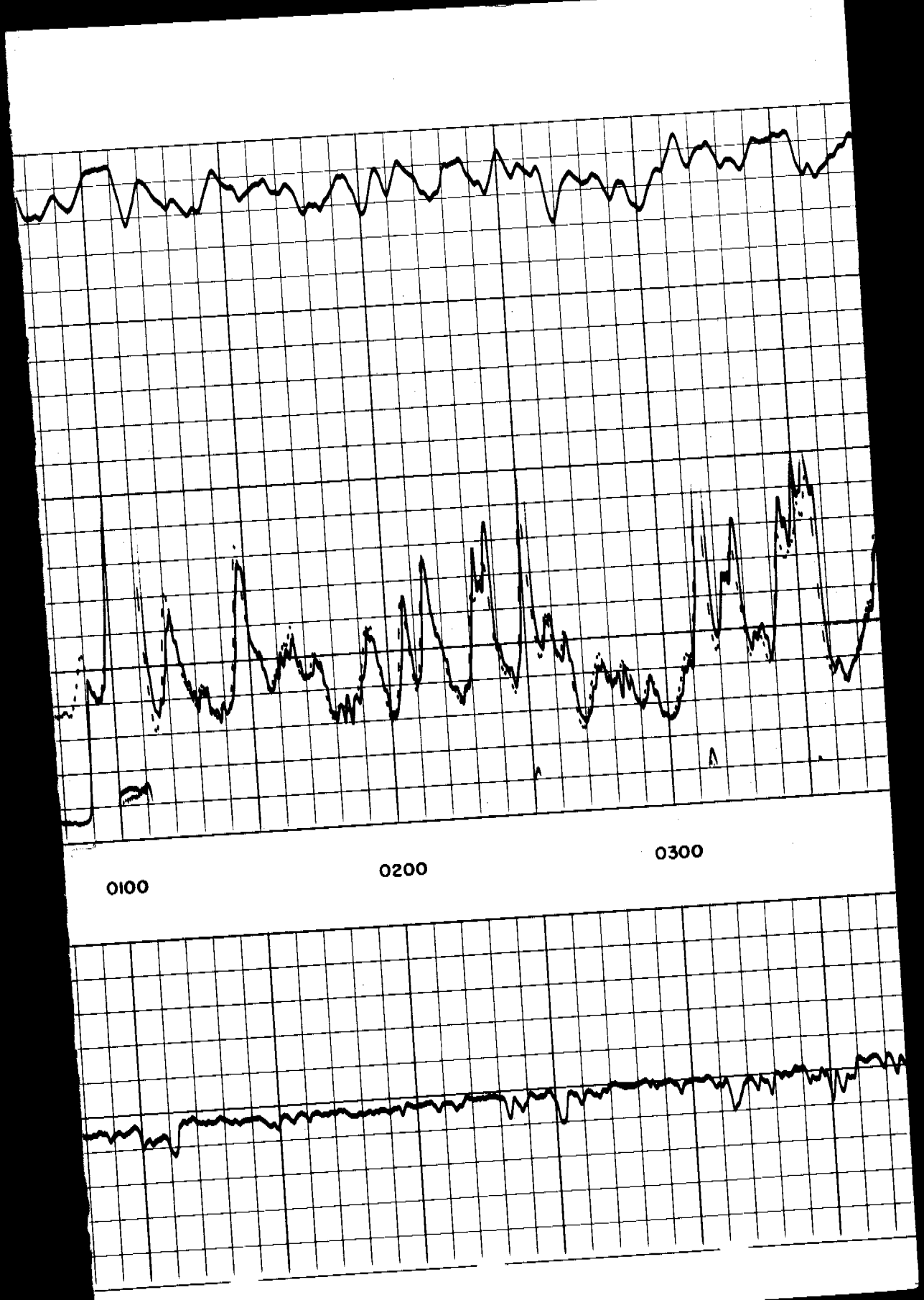
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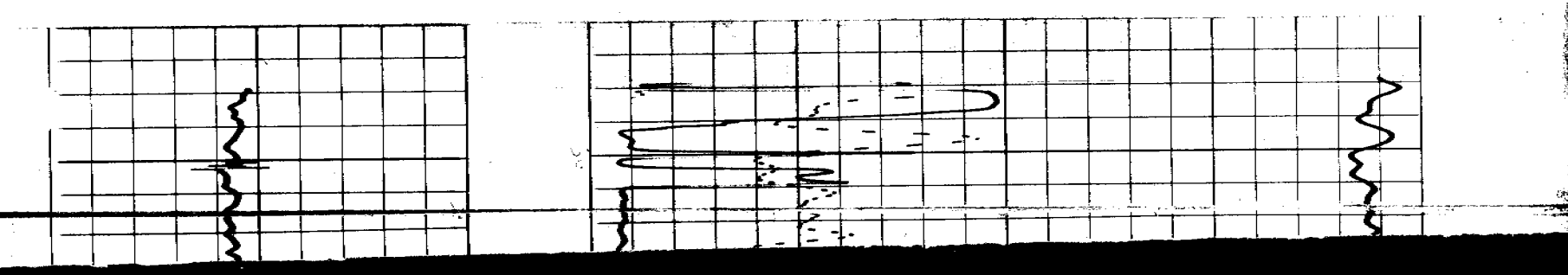
millivolts	THS	millimhos/m = $\frac{1000}{\text{ohms. m}^2/\text{m}}$
		6FF40 INDUCTION
− 10 +		500 0
		1000 500
		RESISTIVITY -ohms. m²/m
		A - 16" - M SHORT NORMAL
		0 30
		0 300
		INDUCTION
		0 30
		0 300
		AMP. SHORT NORMAL



°F °F °F °F °F ml

FOLD HERE

The well name, location and borehole reference data were furnished by the customer.

REMARKS S.O.# 90165

Changes 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	@ °F	@ °F	
R_{mf} @ BHT	@ °F	@ °F	
R_{mc} @ BHT	@ °F	@ °F	

Scale Changes			
Type Log	Depth	Scale Up Hole	Scale Down Hole

Equipment Data			
Run No.	Tool Type	Tool Position	Other

Run No.: 1
C.D.: USED
S.O.: 1½
Equip. PANEL No.: H-483
Used: CART. No.: F-268
SONDE No.: M-607
IAP No.: D-183
S.B.R.: 1

Check one, filling in blanks where applicable:

- [x] Surface determined sonde errors used for 6FF40.
- [ ] 6FF40 sonde error corrected for borehole signal at Rm = inch
- [ ] 6FF40 zero set in hole at depth of feet.

SPONTANEOUS-POTENTIAL | DEP | CONDUCTIVITY

SWS-877-E

SCHLUMBERGER INDUCTION-ELECTRICAL LO

COUNTY
FIELD or LOCATION
WELL
COMPANY

COMPANY RENO STEAD D

WELL TEST WELL #3

FIELD STEAD AIRPORT AREA

COUNTY WASHOE STATE NEVADA

LOCATION

Sec. 19 Twp. 21 N Rge. 19 E

Other Services:

Permanent Datum: G.L. , Elev. 4980

Log Measured From G.L. , Ft. Above Perm. Datum

Drilling Measured From G.L.

Elev.: K.B.
D.F.
G.L. 498

Date	10-9-68			
Run No.	1			
Depth—Driller	840			
Depth—Logger	840			
Btm. Log Interval	839			
Top Log Interval	30			
Casing—Driller	— @ —	@	@	@
Casing—Logger	—			
Bit Size	8 3/4			
Type Fluid in Hole	BENTONITE			
Dens. / Visc.	74 / 57			
pH / Fluid Loss	/ N/A ml	ml	ml	
Source of Sample	PIT			
R_m @ Meas. Temp.	25.5 @ 65 °F	@ °F	@ °F	@
R_{mf} @ Meas. Temp.	13.8 @ 72 °F	@ °F	@ °F	@
R_{mc} @ Meas. Temp.	8.06 @ 72 °F	@ °F	@ °F	@
Source: R_{mf} / R_{mc}	M / M			
R_m @ BHT	— @ — °F	@ °F	@ °F	@
Time Since Circ.	1 HR			
Max. Rec. Temp.	— °F	°F	°F	
Equip. / Location	4511 / TAFT			
Recorded By	BRAMSEN			
Witnessed By	BURT-MEADOR			