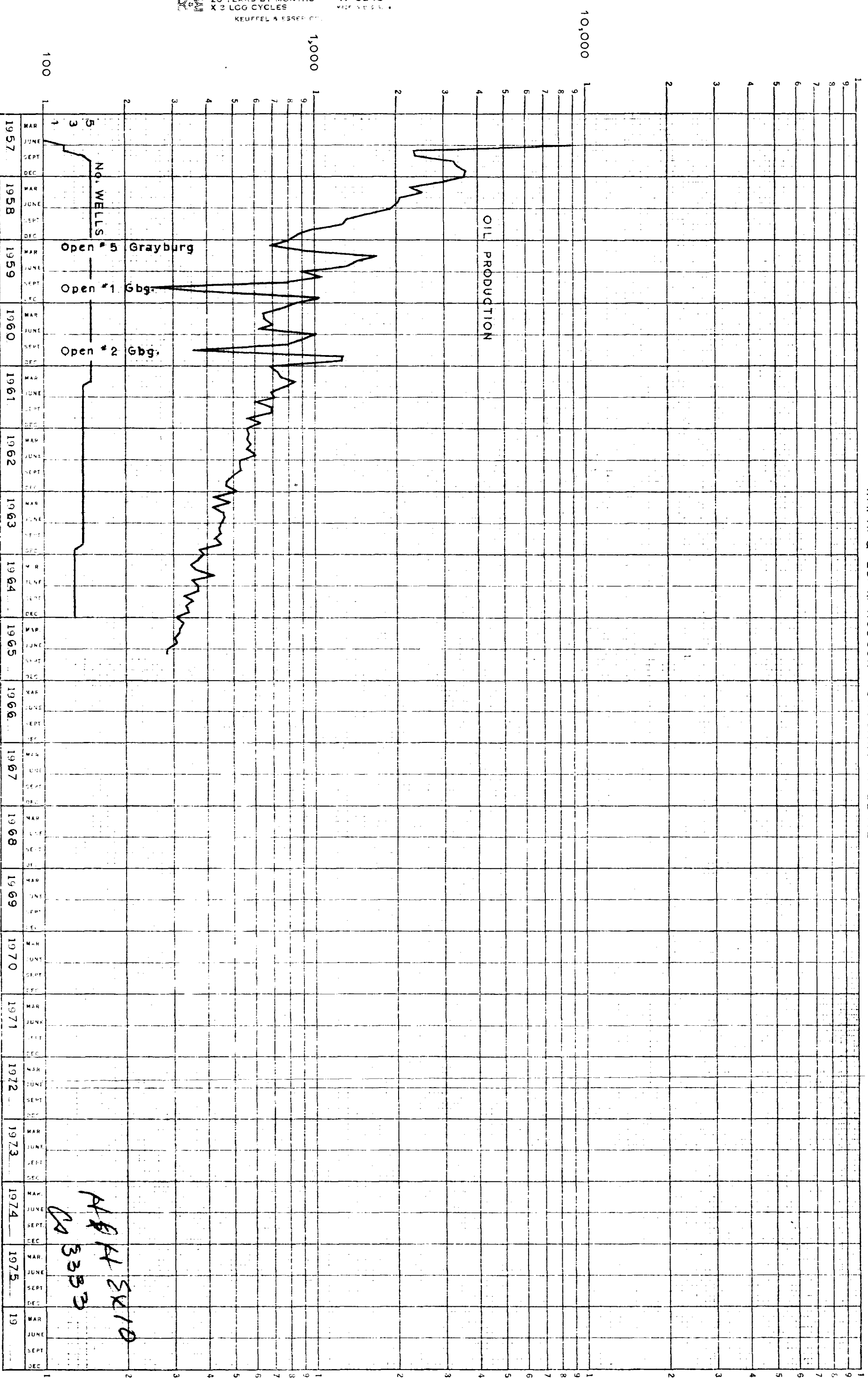
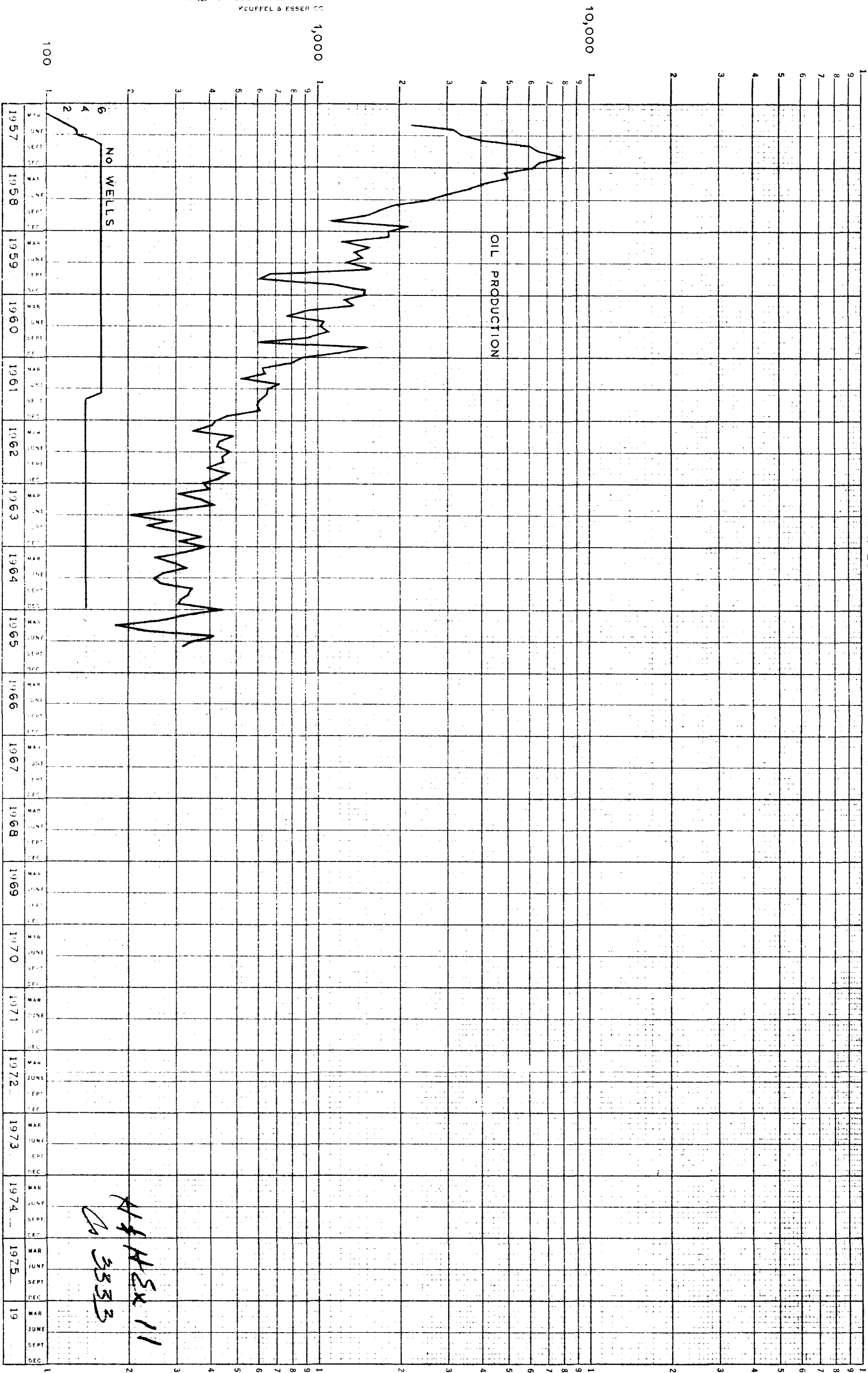


WM. A. & ED. R. HUDSON - SHUGART "A" LEASE



AA 4 3410
CA 3333

WM. A. & ED. R. HUDSON - SHUGART "B" LEASE

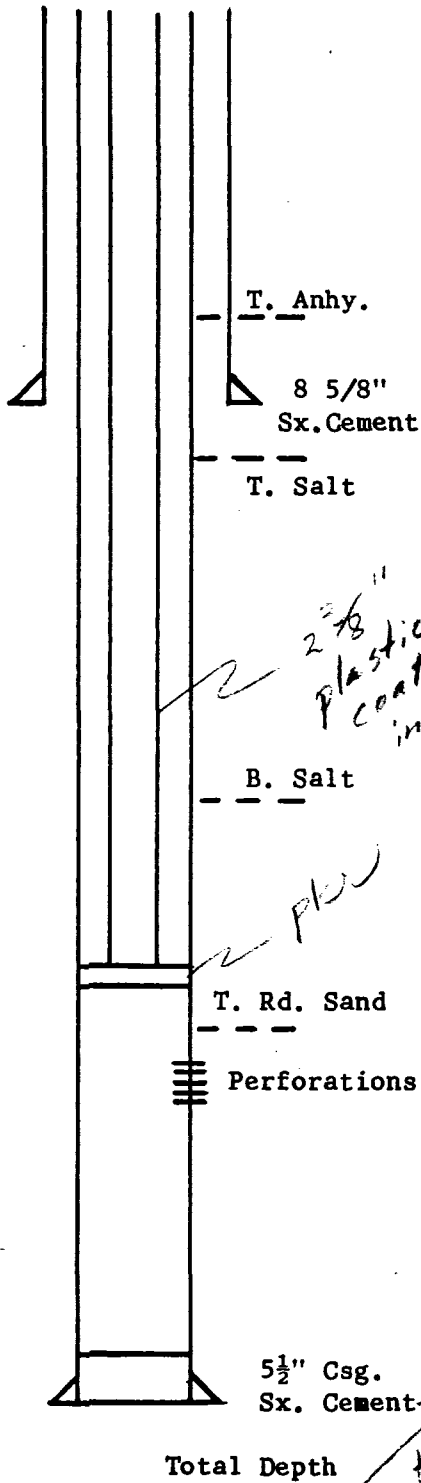


44 H 5 x 11
3333

WILLIAM A. & EDWARD R. HUDSON

PROPOSED INJECTION WELLS

SKETCH



SHUGART "A"			SHUGART "B"		
2	3	5	1	2	6
690	718	655	780	725	694
732	744	756	796	760	755
200	200	200	200	200	200
820	764	860	870	830	758
1945	1947	1916	2030	1985	2065
3288	3286	3262	3342	3335	3332
3307-27	3316-31	3288-3301	3364-78	3362-76	3365-79
4043	4029	4039	4130	4120	4160
1200	1200	1200	1200	1200	1200
4056	4040	4048	4131	4120	4161

RALPH L. GRAY
PETROLEUM ENGINEERING

CO 3333
Exp. 12 E #3

WILLIAM A. & EDWARD R. HUDSON

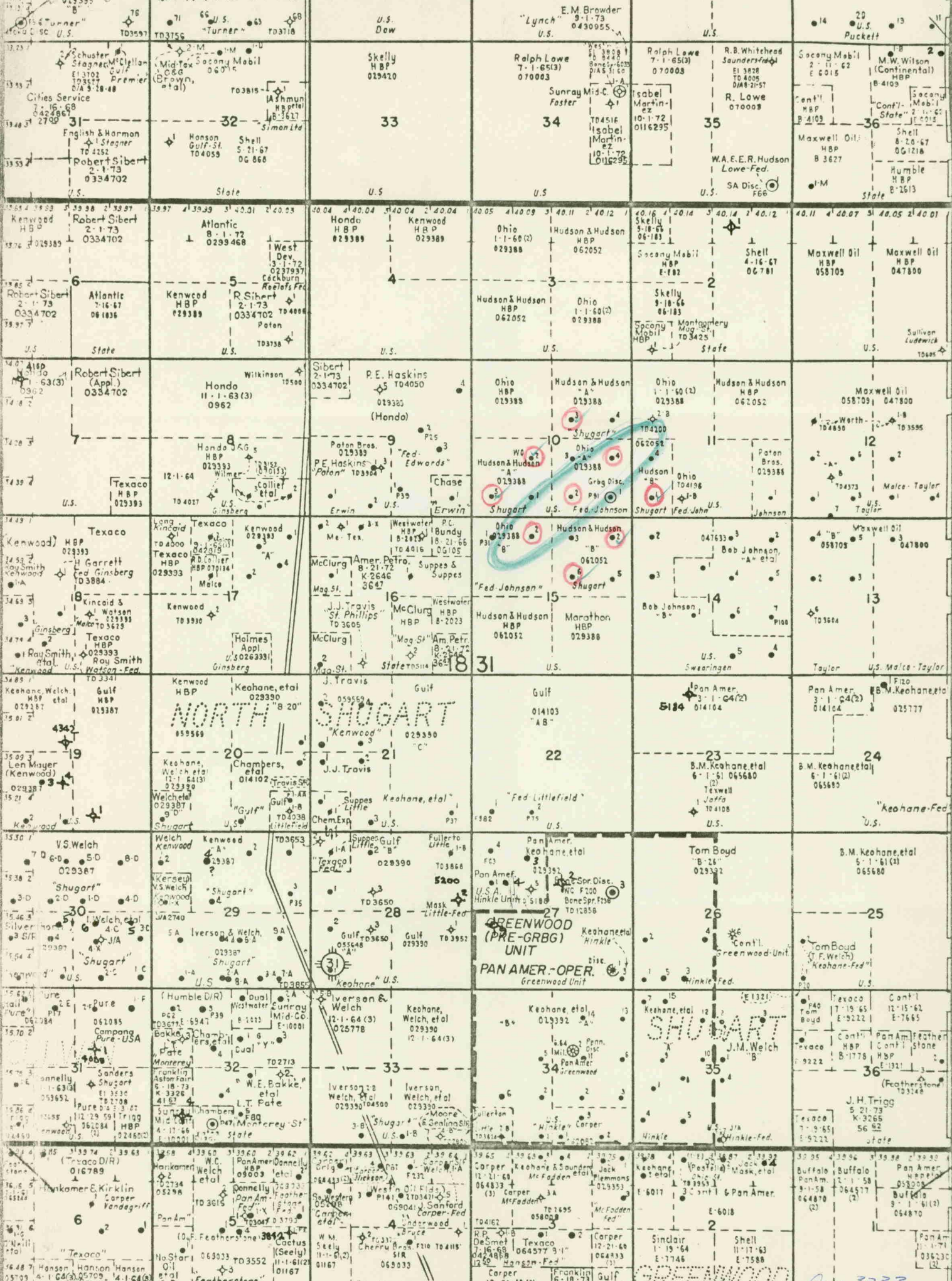
STATUS OF WELLS - SEPTEMBER 1965

<u>WELL</u>	<u>PRODUCING STATUS</u>	<u>DAILY OIL PROD. SEPT. 1965</u>
Shugart "A" #1	T. A.	- -
Shugart "A" #2	Pumping	4.8 bbls.
Shugart "A" #3	Pumping	2.0 bbls.
Shugart "A" #4	T. A.	- -
Shugart "A" #5	Pumping	4.0 bbls.
Shugart "B" #1	T. A.	- -
Shugart "B" #2	Pumping	3.0 bbls.
Shugart "B" #3	Pumping	3.0 bbls.
Shugart "B" #4	T. A.	- -
Shugart "B" #5	Pumping	3.0 bbls.
Shugart "B" #6	Pumping	3.0 bbls.

CUMULATIVE OIL RECOVERY
AS OF OCT. 1, 1965

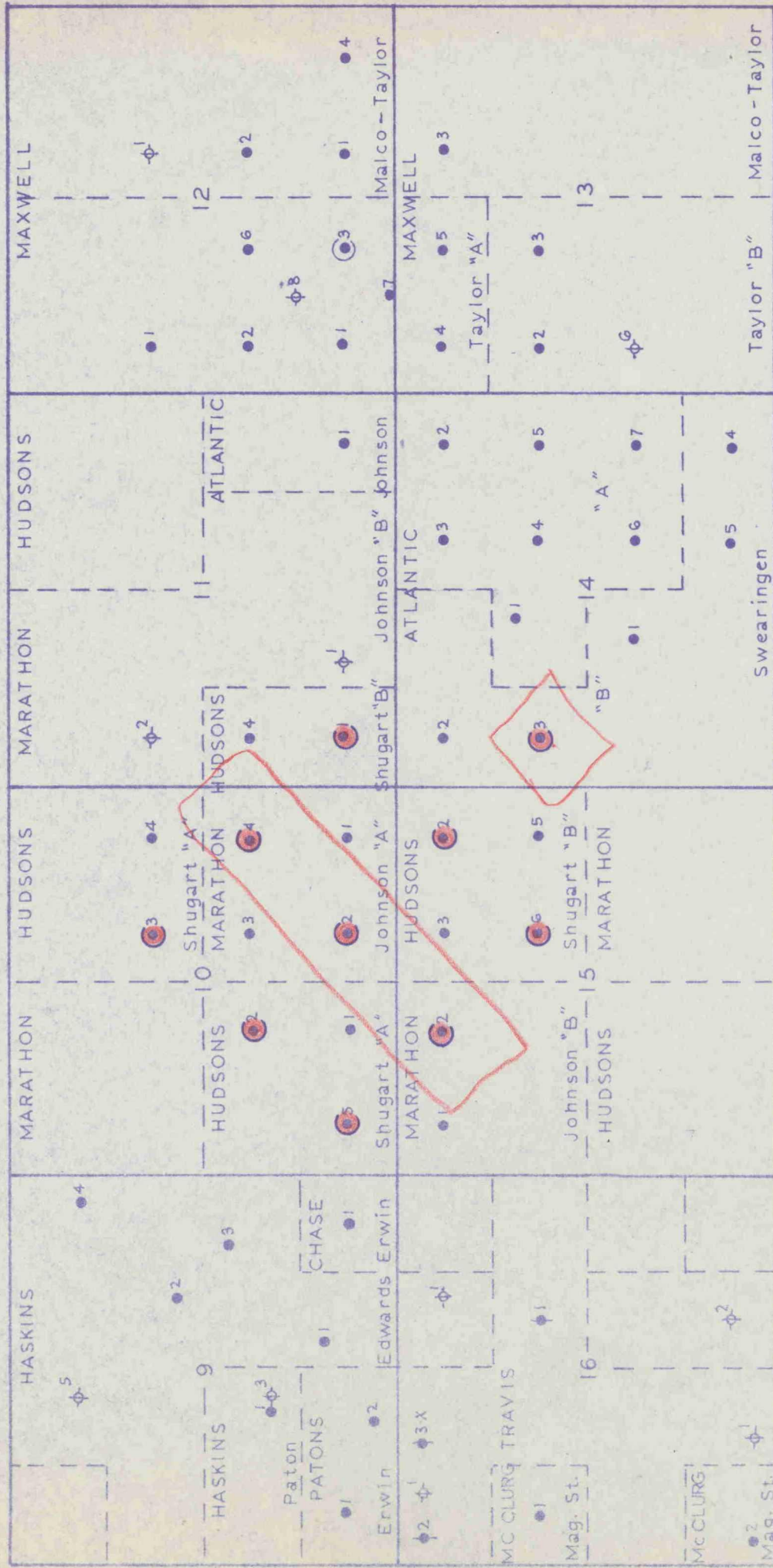
Shugart "A" Lease - - - - - 86,663 bbls.
Shugart "B" Lease - - - - - 131,724 bbls.

*H & H 3x12
B 3320*



Doc 3333

T 18 S, R 31 E



PORTION OF SHUGART POOL
EDDY COUNTY, NEW MEXICO
WM. A. & ED. R. HUDSON
PROPOSED WATERFLOOD PROJECT

SCALE: 1" = 2000'

Exhibit #2

H#4EX2
G 3333

GOVERNOR
JACK M. CAMPBELL
CHAIRMAN

State of New Mexico
Oil Conservation Commission



LAND COMMISSIONER
GUYTON B. HAYS
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

P. O. BOX 2088
SANTA FE

December 3, 1965

Mr. Jason Kellahin
Kellahin & Fox
Attorneys at Law
Post Office Box 1769
Santa Fe, New Mexico

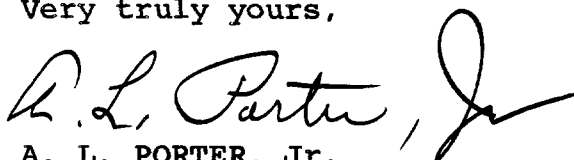
Re: Case No. 3333
Order No. R-3002
Applicant:

William A & Edward R. Hudson

Dear Sir:

Enclosed herewith is a copy of the above-referenced Commission order recently entered in the subject case. Letter pertaining to conditions of approval and maximum allowable to follow.

Very truly yours,


A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Carbon copy of order also sent to:

Hobbs OCC x
Artesia OCC
Aztec OCC

Other Mr. Frank Irby

LANE WELLS COMPANY

Advancing the Log

COMPANY: HUDSON & HUDSON INC.

WELL: SHUGART "A" NO. 2

FIELD: NORTH SHUGART

LOCATION: SEC. 10, T-18-S, R-31-E

COUNTY: EDDY

STATE: NEW MEXICO

LOG ZERO: ROTARY TABLE

DRG. ZERO: ROTARY TABLE

PERM. DATUM: R. T. IS 9.90' ABOVE TOP OF T.H. ELEV. *

TYPE OF LOG: GAUSS RAY

DATE: 6-23-57

TOTAL DEPTH (DRILLER): 6000

EFFECTIVE DEPTH (DRILLER): 1055

TOP OF LOGGED INTERVAL: 1010

BOTTOM OF LOGGED INTERVAL: 1031

TYPE OF FLUID IN HOLE: OIL

FLUID LEVEL: 165

MAXIMUM RECORDED TEMP: 6000

SOURCE STRENGTH & TYPE: 18.25

SOURCE SPACING—IN: CHAMBER

DETECTOR CLASS: EL27

DETECTOR TYPE: C209

LENGTH OF MEAS. DEVICE—IN: 36

O.D. OF INSTRUMENT—IN: 3 5/8

TIME CONSTANT—SECONDS: 4

LOGGING SPEED FT./MIN: 20-40

STATISTICAL VARIATION—IN: RECORDED

SENSITIVITY REFERENCE: 275

RECORDED BY: SUTTON & CRNKOVIC

WITNESSED BY: WELCH

RUN BIT SIZE: 8 5/8

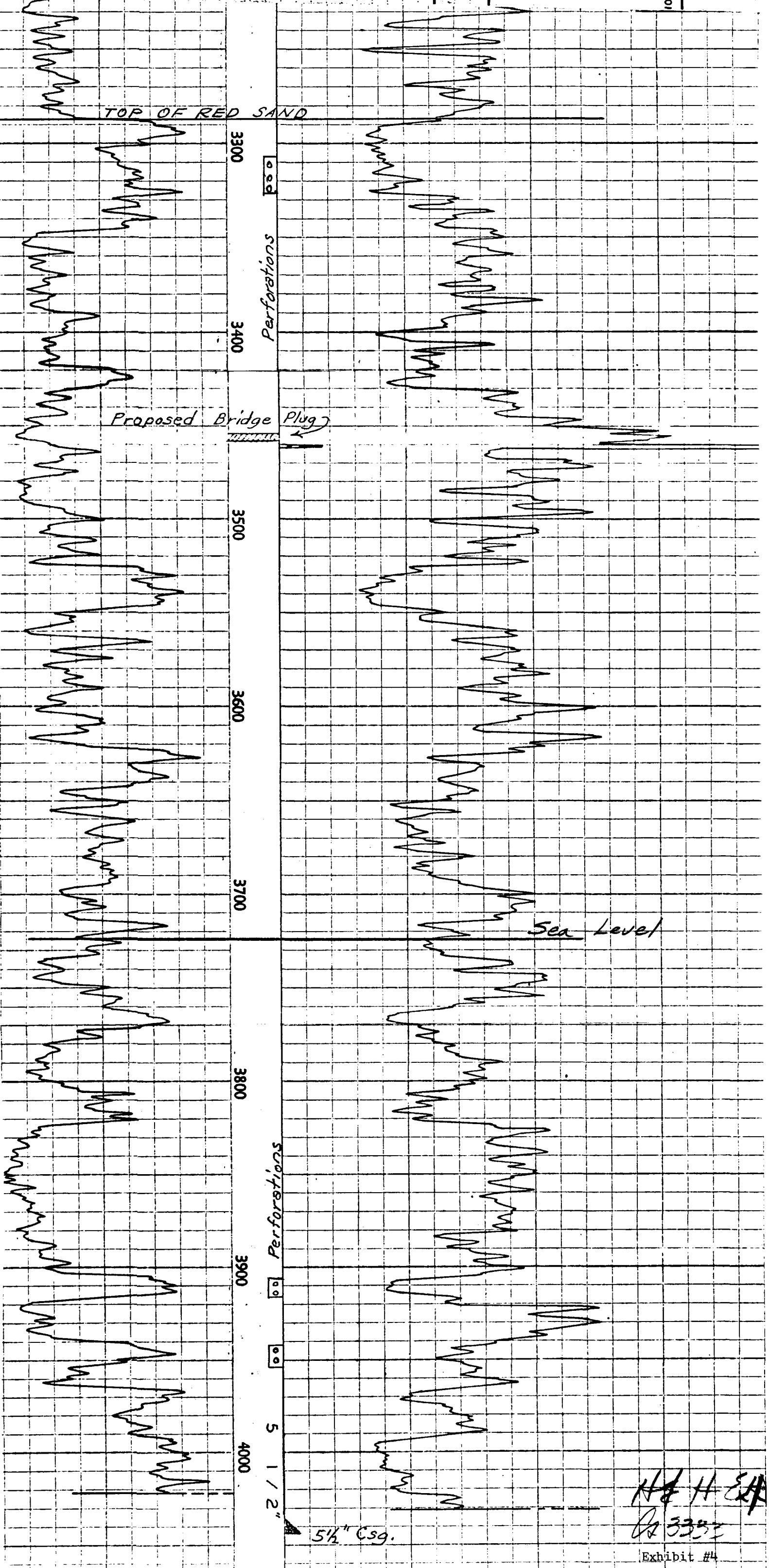
CASING WT.—LB.: 24

WELL RECORD: FROM WELL RECORD

ONE: 5 1/2

ONES: 15.5

TO: 1033



H H E

3333

Exhibit #4

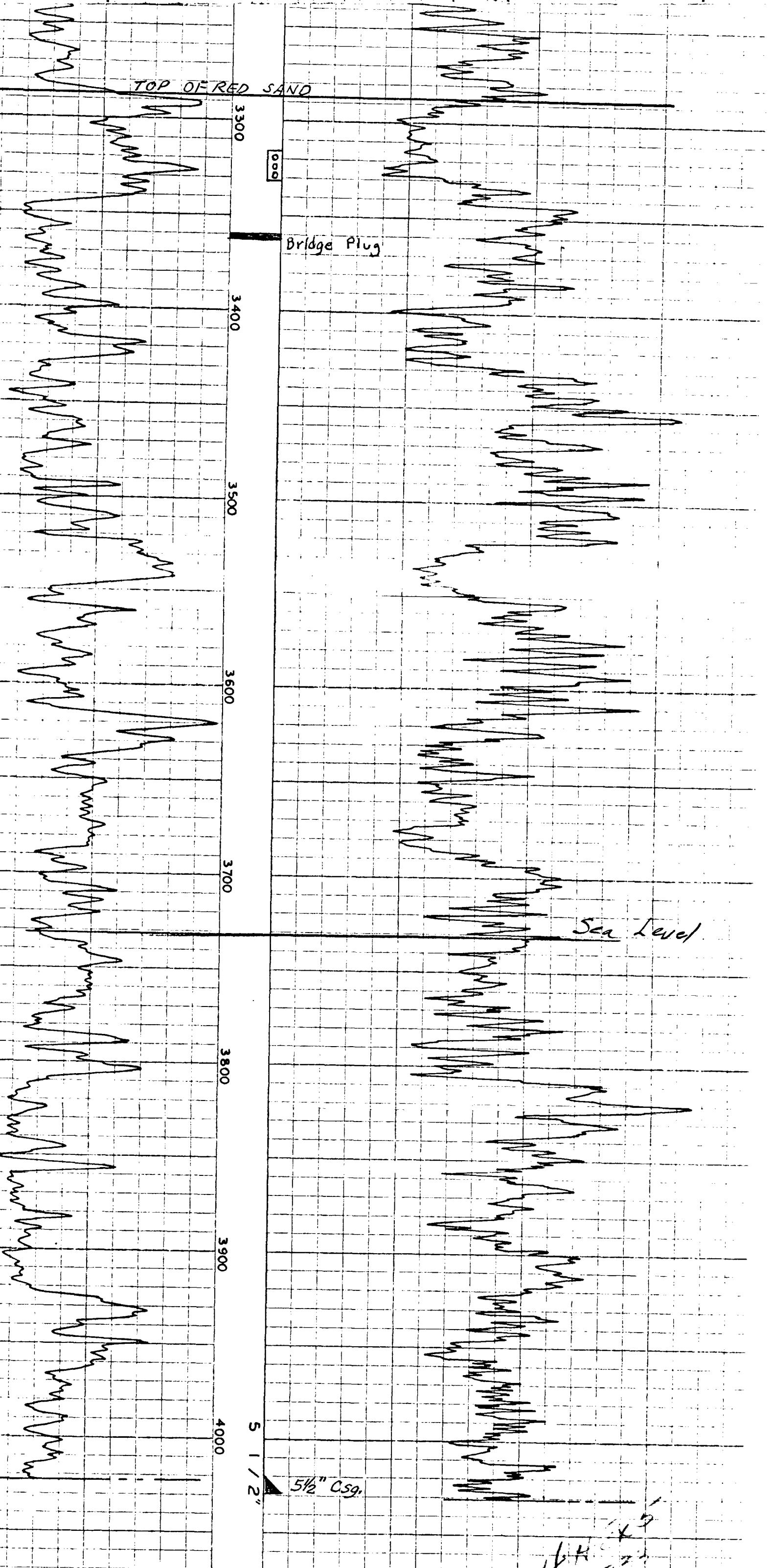
LANE CORP. LOG

COMPANY: HUDSON & HUDSON, INC.		Well Location
WELL:	SHUGART "A" NO. 3	
FIELD:	NORTH SHUGART	
LOCATION:	SEC. 10, T-18-S, R-31-E	
COUNTY:	EDDY	
STATE:	NEW MEXICO	
COMPANY: HUDSON & HUDSON, INC.		
WELL:	SHUGART "A" NO. 3	
FIELD:	NORTH SHUGART	
LOCATION:	SW 1/4 OF NW 1/4 OF SEC. 10, T-18-S, R-31-E	
COUNTY:	EDDY	STATE: N. MEX.
LOG ZERO	KELLY DRIVE BUSHING	ELEV. 3731
DRLG. ZERO	KELLY DRIVE BUSHING	ELEV. 3731
PERM. DATUM	GROUND LEVEL	ELEV. 3719

TYPE OF LOG	GAMMA RAY	N/GAMMA
RUN NO.	ONE-NW	ONE-NW
DATE	8-30-57	8-30-57
TOTAL DEPTH (DRILLER) H. L.	4010	4010
EFFECTIVE DEPTH (DRILLER)	4033	4033
TOP OF LOGGED INTERVAL	SURFACE	SURFACE
BOTTOM OF LOGGED INTERVAL	4022	4031
TYPE OF FLUID IN HOLE	OIL	OIL
FLUID LEVEL		330
MAXIMUM RECORDED TEMP		600N
SOURCE STRENGTH & TYPE		18.25
SOURCE SPACING—IN		CHAMBER
DETECTOR CLASS	CHAMBER	CHAMBER
DETECTOR TYPE	E-127	E-127
LENGTH OF MEAS. DEVICE—IN	36	9.1
O.D. OF INSTRUMENT—IN	3 5/8	3 5/8
TIME CONSTANT—SECONDS	1	3.2
LOGGING SPEED FT./MIN	18-40	18-40
STATISTICAL VARIATION—IN	RECORDED	RECORDED
SENSITIVITY REFERENCE	271	275
RECORDED BY	CRANKOVIC	CRANKOVIC
WITNESSED BY	WELCH	WELCH

WELL RECORD

RUN	BIT SIZE	CASING	WT.—LB.	FROM WELL RECORD	FROM LOG
ONE	8 5/8			SURFACE TO 764	SURFACE TO 764
ONE	5 1/2	14		SURFACE TO 4010	SURFACE TO 4033
				TO	TO



LANE WELLS

radioactivity

Log

COMPANY: HUDSON & HUDSON INC.

WELL: SHUGART "A" NO. 5

FIELD: NORTH SHUGART

LOCATION: SEC. 10, T-18-S, R-31-E

COUNTY: EDDY

STATE: NEW MEXICO

COMPANY: HUDSON & HUDSON INC.

WELL: SHUGART "A" NO. 5

FIELD: NORTH SHUGART

LOCATION: SW 1/4 OF SW 1/4 OF SEC. 10, T-18-S, R-31-E

COUNTY: EDDY

STATE: N. MEX.

Well Location

LOG ZERO DERRICK FLOOR

DRLG. ZERO KELLY DRIVE BUSHING

PERM. DATUM GROUND LEVEL

ELEV. 3704

ELEV. 3706

ELEV. 3691

TYPE OF LOG	GAMMA RAY	N/NEUTRON
RUN NO.	ONE-NW	ONE-NW
DATE	9-20-57	9-20-57
TOTAL DEPTH (DRILLER) H. L.	1052	1052
EFFECTIVE DEPTH (DRILLER)	1039	1039
TOP OF LOGGED INTERVAL	SURFACE	SURFACE
BOTTOM OF LOGGED INTERVAL	1019	1031
TYPE OF FLUID IN HOLE	OIL	OIL
FLUID LEVEL	319	
MAXIMUM RECORDED TEMP		510.3
SOURCE STRENGTH & TYPE		13.5
SOURCE SPACING—IN		SCINT.
DETECTOR CLASS	SCINT.	SCINT.
DETECTOR TYPE	DM1	DM1
LENGTH OF MEAS. DEVICE—IN	4	4
O.D. OF INSTRUMENT—IN	3 5/8	3 5/8
TIME CONSTANT—SECONDS	2.0-0.9	2.0-0.9
LOGGING SPEED FT./MIN	30-60	30-60
STATISTICAL VARIATION—IN	RECORDED	RECORDED
SENSITIVITY REFERENCE	274 JTB	D368
RECORDED BY	DUCKWORTH & GRIMOVIC	
WITNESSED BY	WELCH	WELCH

WELL RECORD

RUN BIT SIZE CASING WT.—LB.

ONE 8 5/8

ONE 5 1/2

FROM WELL RECORD

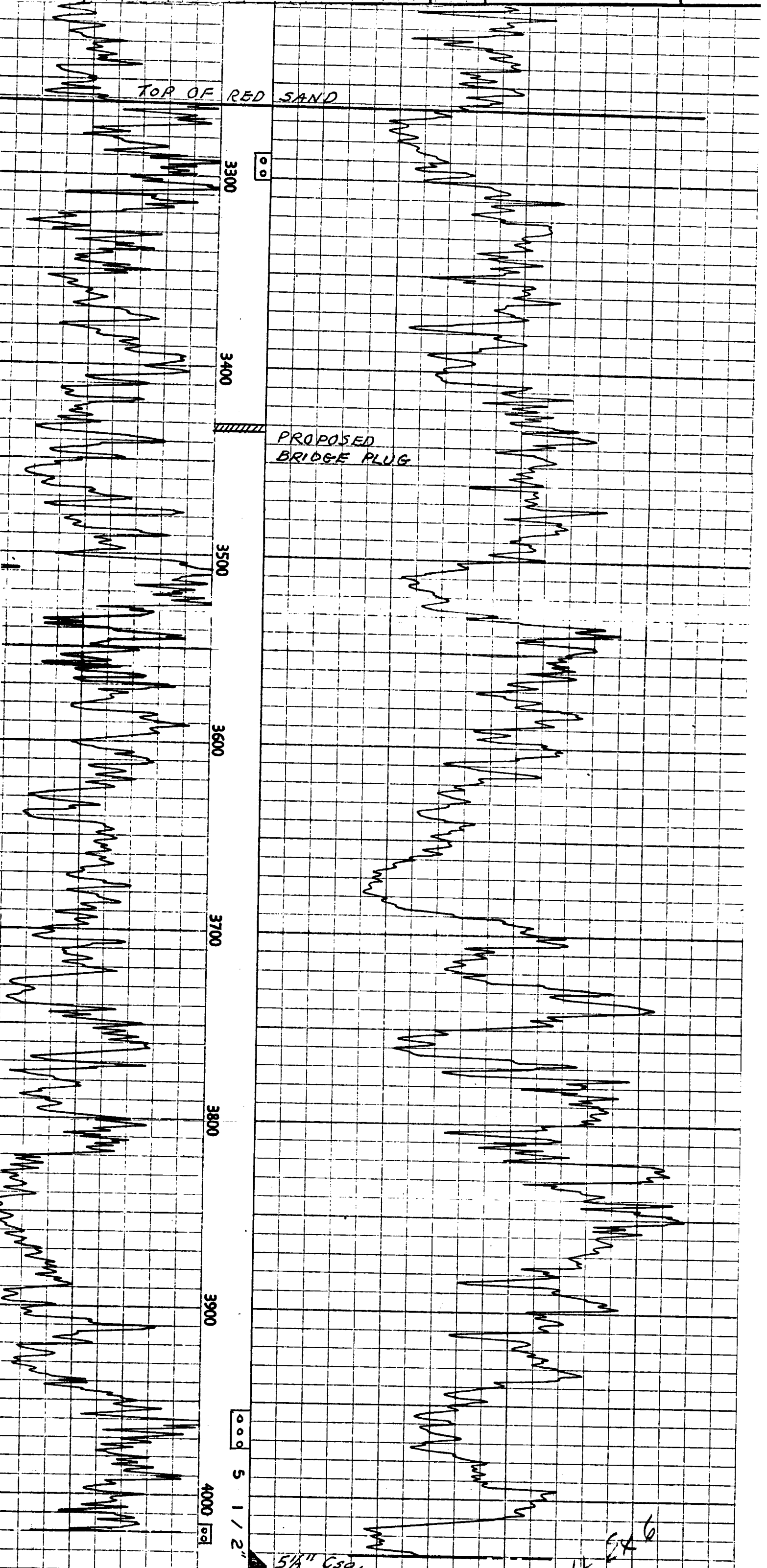
SURFACE TO 755.5

SURFACE TO 1051.5

FROM LOG

SURFACE TO 755.5

SURFACE TO 1032

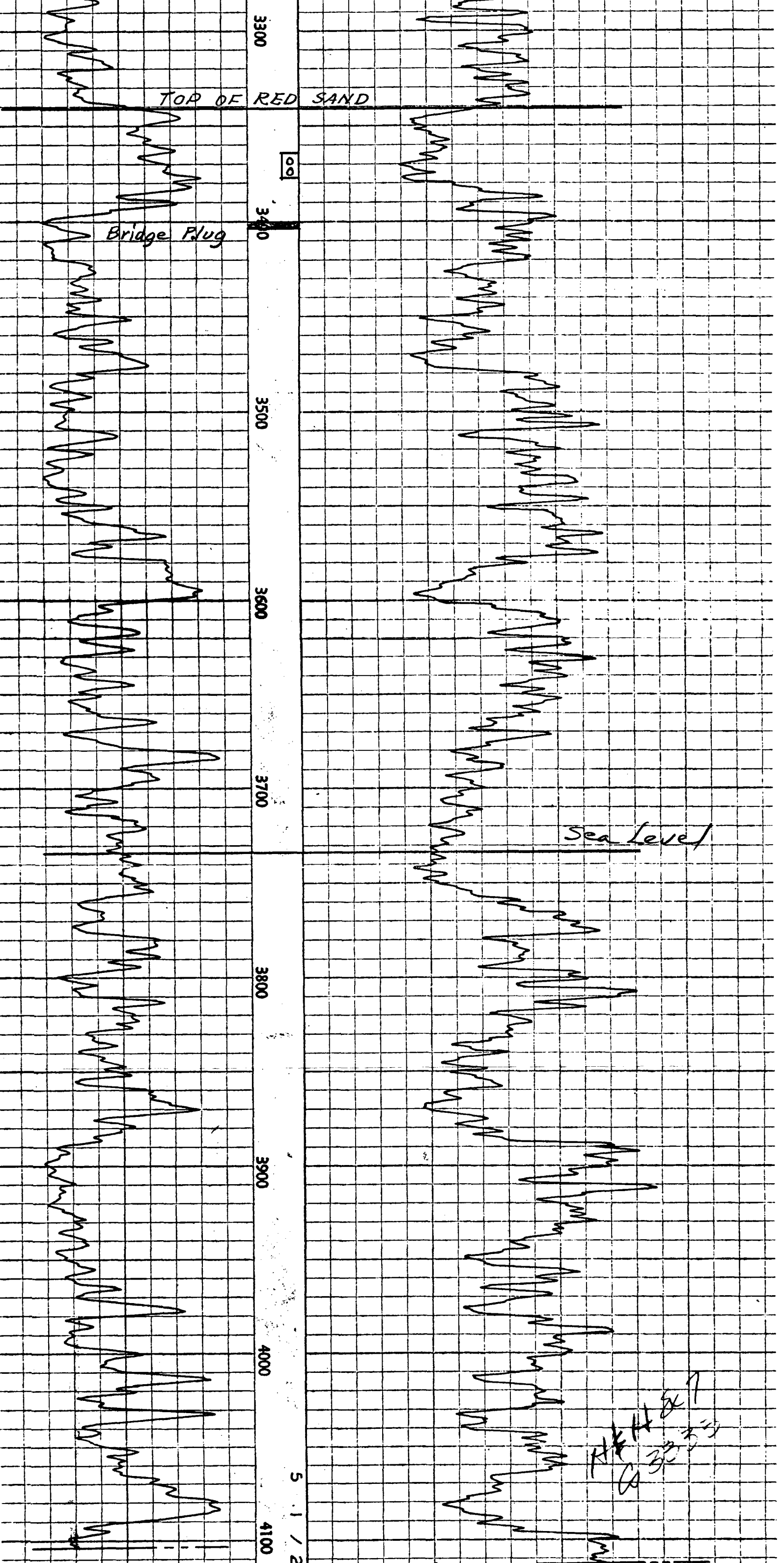


WIRELOG
LANE WELLS
Radioactivity Log

COMPANY: HUDSON & HUDSON INC.
WELL: SHUGART B-1
FIELD: N. SHUGART
LOCATION: 660' FSL 660' FWL SEC. 11
COUNTY: EDDY STATE: NEW MEX
LOG ZERO 1' ABOVE ROTARY TABLE ELEV 3733
DRLG. ZERO 1' ABOVE ROTARY TABLE ELEV 3733
PERM. DATUM 9.4' FROM KDB TO TOP OF T.H. ELEV 3723.6

TYPE OF LOG	GAMMA RAY	N/GAMMA
RUN NO	1-NW	1-NW
DATE	3-18-57	3-18-57
TOTAL DEPTH (DRILLER)	1110	1110
EFFECTIVE DEPTH (DRILLER)	1111	1111
TOP OF LOGGED INTERVAL	SURFACE	SURFACE
BOTTOM OF LOGGED INTERVAL	1103	1112
TYPE OF FLUID IN HOLE	OIL	OIL
FLUID LEVEL	FULL	FULL
MAXIMUM RECORDED TEMP.	-	-
SOURCE STRENGTH & TYPE	-	600-N
SOURCE SPACING - IN	-	18.25
DETECTOR CLASS	CHAMBER	CHAMBER
DETECTOR TYPE	R-127	C-209
LENGTH OF MEAS. DEVICE - IN.	36	9.1
O.D. OF INSTRUMENT - IN.	3 5/8	3 5/8
TIME CONSTANT - SECONDS	5	1
LOGGING SPEED FT./MIN	18-16-40	18-16-40
STATISTICAL VARIATION - IN.	RECORDED	RECORDED
SENSITIVITY REFERENCE	274	275
RECORDED BY	SUTTON	SUTTON
WITNESSED BY	HUDSON	HUDSON

RUN	BITSIZE	CASING	WT.-LB.	WELL RECORD	FROM WELL RECORD	FROM LOG
1	8 5/8			SURFACE TO 810		SURFACE TO 805
1	5 1/2			SURFACE TO 1131		SURFACE TO 1111



LANE WELLS

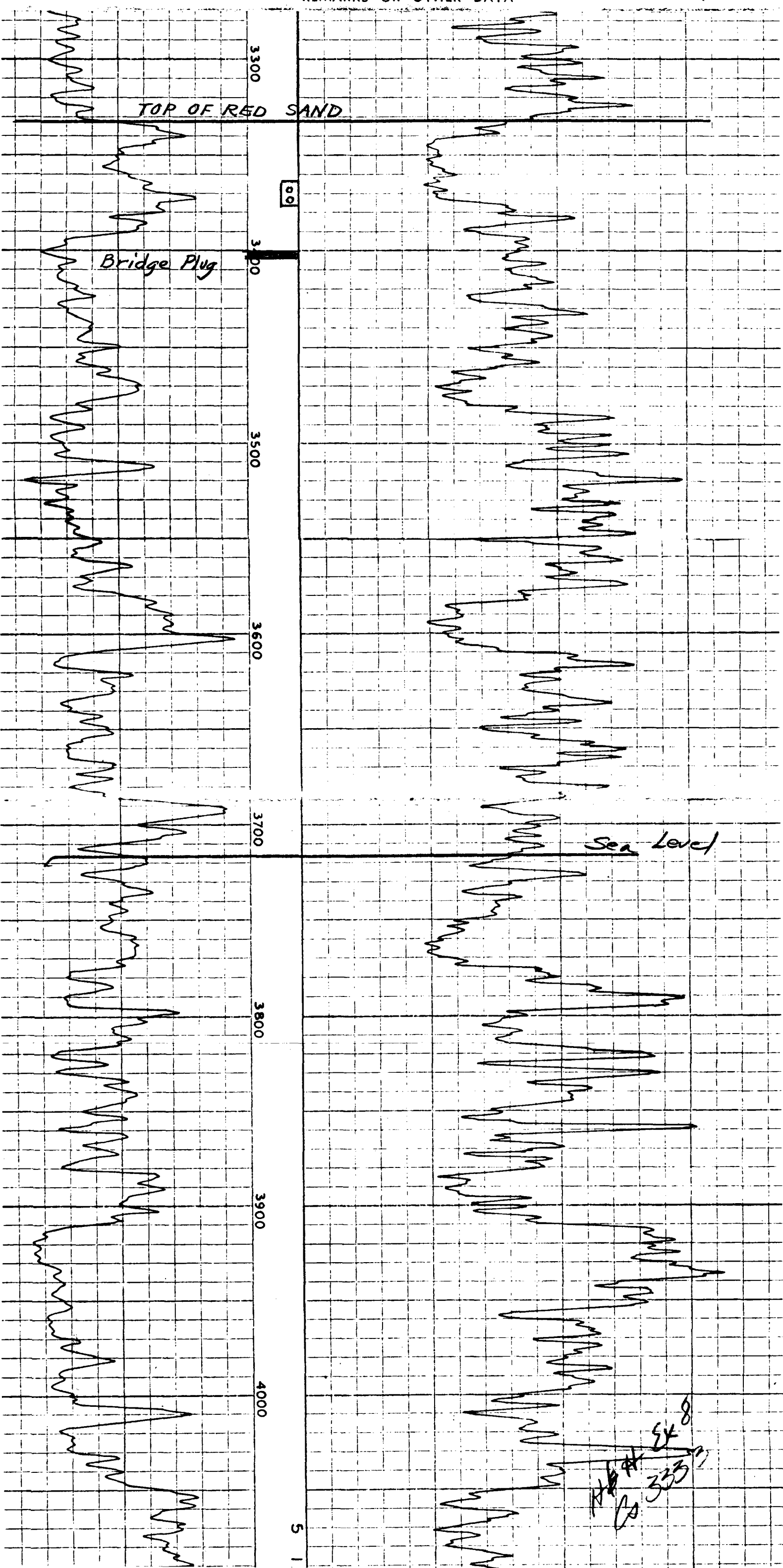
Log

COMPANY: HUDSON & HUDSON INC.		Well Location
WELL: SHUGART "B"-2		
FIELD: NORTH SHUGART		
LOCATION: 660' FNL & 660' FEL OF SEC. 15, T-18-S, R-31-E		
COUNTY: EDDY	STATE: N.MEX.	
LOG ZERO: 1' ABOVE ROTARY TABLE	ELEV. 3717	
DRIG. ZERO: 1' ABOVE ROTARY TABLE	ELEV. 3717	
PERM. DATUM: TOP OF TUBING HEAD	ELEV. 3707.6	

TYPE OF LOG	GAMMA RAY	N/GAMMA	
DATE	ONE-NW	ONE-NW	
TOTAL DEPTH (DRILLER) STEAIN	1-6-57	1-6-57	
EFFECTIVE DEPTH (DRILLER)	L120	L120	
TOP OF LOGGED INTERVAL	L105	L105	
BOTTOM OF LOGGED INTERVAL	SURFACE	SURFACE	
TYPE OF FLUID IN HOLE	L093	L102	
FLUID LEVEL	OIL	OIL	
MAXIMUM RECORDED TEMP.	FULL	FULL	
SOURCE STRENGTH & TYPE			
SOURCE SPACING—IN			
LENGTH OF MEAS. DEVICE—IN	36	600N	
O.D. OF INSTRUMENT—IN	3 5/8	9.1	
LOGGING SPEED FT./MIN.	5	3 5/8	
STATISTICAL VARIATION—IN	18-45	18-45	
SENSITIVITY REFERENCE	RECORDED	RECORDED	
DETECTOR CLASS	274	275	
DETECTOR TYPE	CHAMBER	CHAMBER	
RECORDED BY	EL27	G209	
WITNESSED BY	SUTTON	SUTTON	
	HUDSON	HUDSON	

RUN	BIT SIZE	CASING	WT.—LB.	WELL RECORD	FROM LOG
ONE	8 5/8			FROM WELL RECORD	SURFACE TO 775
ONE	5 1/2				SURFACE TO 1119
ONE	1 1/2				SURFACE TO 1104
					TO
					TO
					TO

REMARKS OR OTHER DATA



LANE WELLS COMPANY

Log

COMPANY: HUDSON & HUDSON INC.
WELL: SHUGART NO. 6 "B"
FIELD: NORTH SHUGART
LOCATION: SEC. 15, T-18-S, R-31-E
COUNTY: EDDY
STATE: NEW MEXICO

COMPANY: HUDSON & HUDSON INC.

Well Location

WELL: SHUGART NO. 6 "B"

FIELD: NORTH SHUGART

LOCATION: SW 1/4 OF NE 1/4, SEC. 15,
T-18-S, R-31-E

COUNTY: EDDY STATE: N. MEX.

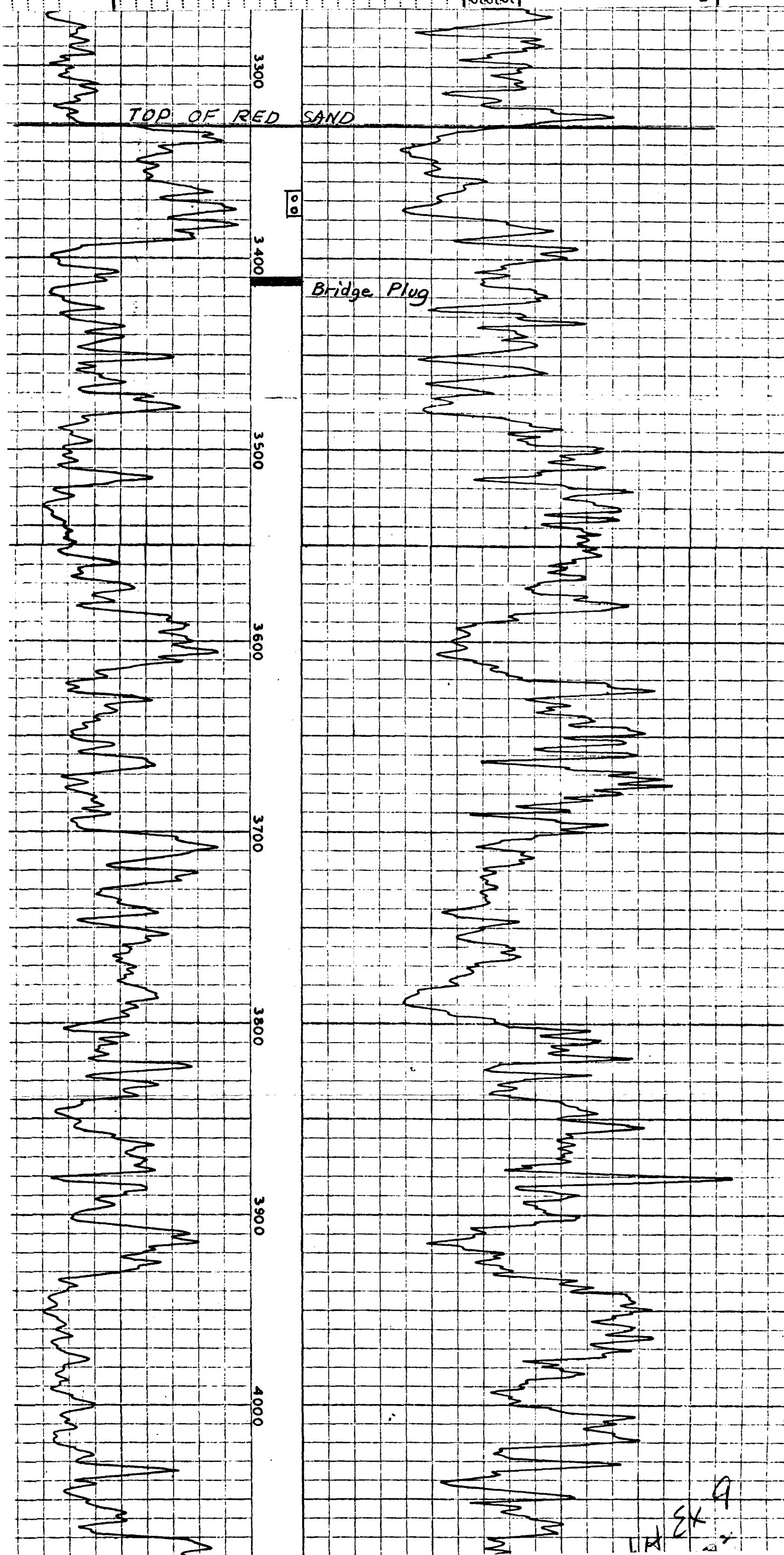
LOG ZERO ROTARY TABLE
DRG. ZERO ROTARY TABLE
PERM. DATUM GROUND LEVEL
ELEV. 3699.5
ELEV. 3699.5
ELEV. 3687.5

TYPE OF LOG	GAMMA RAY	N/GAMMA
RUN NO.	ONE-NW	ONE-NW
DATE	8-13-57	8-13-57
TOTAL DEPTH (DRILLER) H. L.	1159.5	1159.5
EFFECTIVE DEPTH (DRILLER)	1111	1111
TOP OF LOGGED INTERVAL	SURFACE	SURFACE
BOTTOM OF LOGGED INTERVAL	1133	1112
TYPE OF FLUID IN HOLE	OIL	OIL
FLUID LEVEL	113	113
MAXIMUM RECORDED TEMP.		600N
SOURCE STRENGTH & TYPE		18.25
SOURCE SPACING—IN.		CHAMBER
DETECTOR CLASS	CHAMBER	CHAMBER
DETECTOR TYPE	EL27	6209
LENGTH OF MEAS. DEVICE—IN	36	9.1
O.D. OF INSTRUMENT—IN	3 5/8	3 5/8
TIME CONSTANT—SECONDS	4	3.2
LOGGING SPEED FT./MIN.	18-40	18-40
STATISTICAL VARIATION—IN	RECORDED	RECORDED
SENSITIVITY REFERENCE	274	275
RECORDED BY	SUTTON &	GRMKOVIC
WITNESSED BY	WELCH	WELCH

WELL RECORD

FROM LOG

RUN	BIT SIZE	CASING	WT.—LB.	SURFACE TO 739.6	SURFACE TO 1111
ONE	8 5/8	11			
ONE	5 1/2	11			
ONE					



6 x 3 1/2