

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

LANE LOG WELLS COMPANY

FILE NO.

Location of Well

Unit # 4

D. F. ELEV.
3857

COMPANY: SKELLY OIL COMPANY

WELL: STATE "Y" NO. 4

FIELD: SOUTH LOVINGTON PADDOCK

COUNTY: LEA STATE: N MEX.

LOCATION: 660' FS & W LINES OF
SECTION 25, T-16-S, R-36-E

COMPANY: SKELLY OIL COMPANY
WELL: STATE "Y" NO. 4
FIELD: SOUTH LOVINGTON PADDOCK
COUNTY: LEA STATE: N. MEX.
LOCATION:

LOG MEAS. FROM TOP KELLY DRIVE BUSHING ELEV.

DRLG. MEAS. FROM TOP KELLY DRIVE BUSHING ELEV.

PERM. DATUM T. K. D. B. IS 11.60' ABOVE G L ELEV.

TYPE OF LOG

RUN NO.

DATE

TOTAL DEPTH (DRILLER) STRAIN

EFFECTIVE DEPTH (DRILLER)

TOP OF LOGGED INTERVAL

BOTTOM OF LOGGED INTERVAL

TYPE OF FLUID IN HOLE

FLUID LEVEL

MAXIMUM RECORDED TEMP.

NEUTRON SOURCE STRENGTH & TYPE

SOURCE SPACING — IN.

LENGTH OF MEASURING DEVICE — IN.

O.D. OF INSTRUMENT — IN.

TIME CONSTANT — SECONDS

LOGGING SPEED FT./MIN.

STATISTICAL VARIATION — IN.

SENSITIVITY REFERENCE

RECORDED BY

WITNESSED BY

GAMMA RAY

ONE-NW

3-20-55

6280

6280

SURFACE

6282

MUD

FULL

FULL

600N

3.25

36"

3 5/8"

5.0

20-40

274

SCHLOTTERBACK

YELL

NEUTRON

ONE-NW

3-20-55

6280

6280

SURFACE

6282

MUD

FULL

FULL

600N

3.25

36"

3 5/8"

5.0

20-40

275

SCHLOTTERBACK

YELL

RECORDED BY STRAIN

CASING RECORD

RUN NO.	BIT SIZE	CASING	WT.—LB.	FROM WELL RECORD	FROM R/A LOG
ONE	11"	8 5/8"		SURFACE TO 2110	SURFACE TO 2112'
ONE	7 7/8"	5 1/2"		SURFACE TO 6130	SURFACE TO 6130.5
ONE	4 3/4"			6130 TO 6260	6130.5 TO 6284



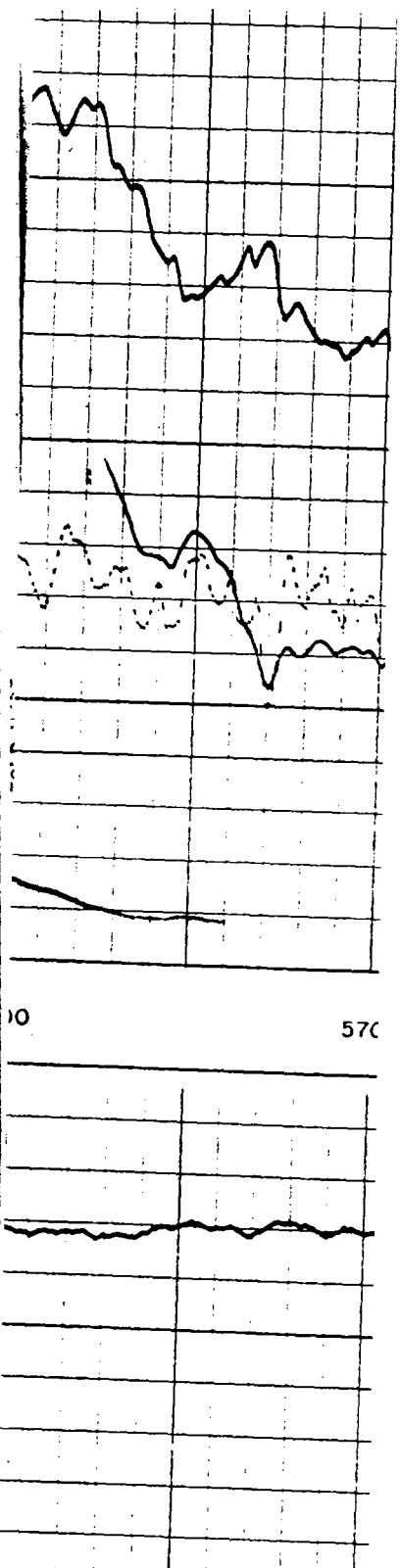
Handwritten signature

COUNTY Lea
 FIELD or LOCATION Lovington-Paddock
 WELL Mamie Graham # 2
 COMPANY The Texas Co.

COMPANY THE TEXAS CO.
 WELL MAMIE GRAHAM # 2
Lovington Paddock #2
 FIELD LOVINGTON PADDOCK
 LOCATION SEC.30-16S-37E
 COUNTY LEA
 STATE NEW MEXICO

Location of Well
660' f SW/L
Sec.30-16S-37E
 ES
 Elevation: D.F. 3837
JWR K.B. _____
 of G.L. _____
 FILING No. _____

RUN No.	1				
Date	6-12-53				
First Reading	6269				
Last Reading	4705				
Feet Measured	1564				
Csg. Schlum.	4705				
Csg. Driller	4705				
Depth Reached	6272				
Bott. Driller	6270				
Dep. Datum	1' Abv. RT				
Mud Nat.	Gel-Chemicals				
" Density	9.2				
" Viscosity	47				
" Resist.	0.52@75 °F	@ °F	@ °F	@ °F	@ °F
" Res. BHT	0.32@120°F	@ °F	@ °F	@ °F	@ °F
" pH	0.5@ °F	@ °F	@ °F	@ °F	@ °F
" Wtr. Loss	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Max. Temp. °F	120				
Bit Size	8 3/4"				
Spcgs.—AM	10"				
A	32" LS				
AO	19'				
Opr. Rig Time	1 1/2 Hrs.				
Truck No.	1762-Hobbs				
Recorded By	Bayless				



570

COMPANY

FILE NO.

Location of Well	COMPANY: SKELLY OIL COMPANY 40	COMPANY: SKELLY OIL COMPANY WELL: STATE "Y" NO. 2 FIELD: SOUTH LOVINGTON COUNTY: LEA LOCATION: LEA STATE: N MEX.
	WELL: STATE "Y" NO. 2 FIELD: SOUTH LOVINGTON COUNTY: LEA LOCATION: LEA STATE: N MEX.	
D. F. ELEV. 3853	LOCATION: 480' FSL & 2280' FSL OF SECTION 25-16-36	
LOG MEAS. FROM KELLY DRIVE BUSHING ELEV. 3855		
DRLG. MEAS. FROM KELLY DRIVE BUSHING ELEV. 3855		
PERM. DATUM GROUND LEVEL ELEV. 3844		

TYPE OF LOG	GAMMA RAY	NEUTRON		
RUN NO.	ONE-NW	ONE-NW		
DATE	4-18-54	4-18-54		
TOTAL DEPTH (DRILLER) STRAIN	6285	6235		
EFFECTIVE DEPTH (DRILLER)	6285	6235		
TOP OF LOGGED INTERVAL	SURFACE	SURFACE		
BOTTOM OF LOGGED INTERVAL	6288	6238		
TYPE OF FLUID IN HOLE	MUD	MUD		
FLUID LEVEL	36'	36'		
MAXIMUM RECORDED TEMP.		600N		
NEUTRON SOURCE STRENGTH & TYPE		8.25		
SOURCE SPACING — IN.		9"		
LENGTH OF MEASURING DEVICE — IN.	36"	9"		
O.D. OF INSTRUMENT — IN.	3 5/8"	3 5/8"		
TIME CONSTANT — SECONDS	5.2	4.5		
LOGGING SPEED FT. MIN.	25-45	25-45		
STATISTICAL VARIATION — IN.				
SENSITIVITY REFERENCE	274	275		
RECORDED BY	KELLY	KELLY		
WITNESSED BY	YELL	YELL		

CASING RECORD

RUN NO.	BIT SIZE	CASING	WT.—LB.	FROM WELL RECORD	FROM R A LOG
ONE	11"	8 5/8"		SURFACE TO 3110 +	SURFACE TO 3117
ONE	7 7/8"	5 1/2"		SURFACE TO 6118	SURFACE TO 6119.5
ONE	4 3/4"			6118 TO 6285	6119.5 TO 6290



Electrical Log

COUNTY Lea
FIELD or
LOCATION S. Lovington
WELL State LA # 15
COMPANY Amerada Petr. Corp.

COMPANY AMERADA PETR. CORP.

WELL STATE LA # 15

FIELD S. LOVINGTON

LOCATION SEC. 1-17S-36E

COUNTY LEA

STATE NEW MEXICO

Location of Well
853' f S&W/L
Sec. 1-17S-36E.

ES-GRL
(ML)

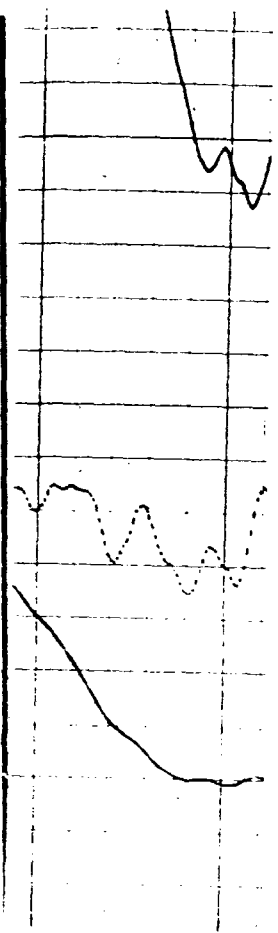
Elevation: D.F.: 3837

K.B.:
or G.L.:

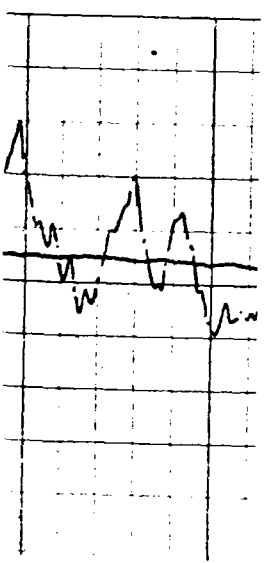
FILING No.

RUN No.	1				
Date	7-18-53				
First Reading	6245				
Last Reading	3750				
Feet Measured	2495				
Csg. Schlum.	3750				
Csg. Driller	3748				
Depth Reached	6248				
Bottom Driller	6250				
Depth Datum	11.80' Abv. GL				
Mud Nat.	Zeogel-Impermix				
" Density	10.1				
" Viscosity	41				
" Resist.	.06 @ 75 °F	@ °F	@ °F	@ °F	@ °F
" Res. BHT	.038 @ 12 PF	@ °F	@ °F	@ °F	@ °F
" pH	@ °F	@ °F	@ °F	@ °F	@ °F
" Wtr. Loss	4.4 CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Max. Temp. °F	121				
Bit Size	7 7/8"				
Spcgs.—AM	10"				
A	32" LS				
AO	19'				
Opr. Rig Time	1 Hr.				
Truck No.	1759-Hobbs				
Recorded By	Rodgers				
Witness By					

FOLD HERE



5600





GAMMA

COUNTY a
FIELD or
LOCATION S. Lovington
WELL Caylor # 1
COMPANY Skelly Oil Co.

COMPANY SKELLY OIL CO.WELL ME CAYLOR # 1FIELD S. LOVINGTONLOCATION SEC. 6-17S-37ECOUNTY LEASTATE NEW MEXICO

Location of Well

660' f SL

614' f WL

Sec. 6-17S-37E

GRN
(ES-ML)Elevation: D.F.: 3822K.B.:
or G.L.:

FILING No.

RUN No.	<u>1</u>		
Date	<u>8-7-53</u>		
First Reading	<u>6251</u>		
Last Reading	<u>100</u>		
Feet Measured	<u>6151</u>		
Csg. Schlum.	<u>6132</u>		
Csg. Driller	<u>6130</u>		
Depth Reached	<u>6252</u>		
Bottom Driller	<u>6250</u>		
Depth Datum	<u>1' Abv. RT</u>		
Mud Nat.	<u>Salt Water</u>		
" Density			
" Viscosity			
" Resist.	@ °F	@ °F	
" Res. BHT	@ °F	@ °F	
" pH	@ °F	@ °F	
" Wtr. Loss	CC 30 min.	CC 30 min.	
Max. Temp. °F			
Bit Size	<u>4 3/4"</u>		
Csg. Size	<u>5 1/2" to 6132; 8 5/8" to 1921</u>		
Opr. Rig Time	<u>4 Hrs.</u>		
Truck No.	<u>1762-Hobbs</u>		
Recorded By	<u>Reinders</u>		
Witness By			

5600



Electrical Log

FIELD or
LOCATION
WELL
LOVINGTON
LOVINGTON # 2
COMPANY
PHILLIPS PET. CO.

COMPANY PHILLIPS PET. CO.

LDU No. 44

WELL LOVINGTON # 2

FIELD S. LOVINGTON

LOCATION SEC. 35-16S-36E

COUNTY LEA

STATE NEW MEXICO

Location of Well

880' f HL

660' f SL

Sec 35-16S-36E

PS-361-L1

Elevation: D.F.:

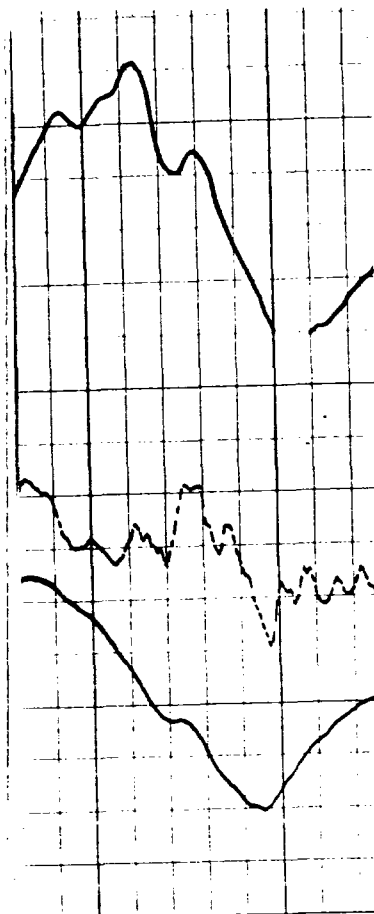
K.B. West

or G.L.:

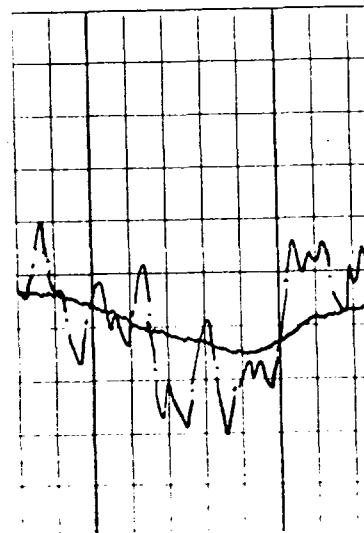
FILING No.

FOLD HERE

RUN No.	1	2	3		
te	7-14-15-52	9-4-52	9-13-52		
st Reading	4803	8765	9068		
st Reading	284	4698	8765		
st Measured	4519	4067	303		
g. Schlum.	284	4698	4698		
g. Driller	284	4700	4700		
pth Reached	4806	8768	9070		
to Driller	4800	8765	9069		
st. Datum	RT 13' Abv. GL				
d Nat.	Natural	Gel Chem	Gel Chem		
Density	10.2	9.5	9.0		
Viscosity	98	54	47		
Resist.	06 @ 72 °F	56 @ 75 °F	63 @ 85 °F	@ °F	@ °F
Res. BHT	04 @ 109 °F	34 @ 140 °F	40 @ 144 °F	@ °F	@ °F
pH	6 @ °F	@ °F	11.5 @ °F	@ °F	@ °F
Wtr. Loss	14 CC 30 min.	11 CC 30 min.	12 CC 30 min.	CC 30 min.	CC 30 min.
x. Temp. °F	109	140	144		
Size	11"-4694	7 7/8"-10	7 7/8"		
gs.—AM	10"	10"	10"		
A	32" LS	32" LS	32"		
AO	19'	19' Lat	19' Lat		
r. Rig Time	4 Hrs.	7 Hrs.	10 Hrs.		
ck No.	V-4-Hobbs	V-4-Hobbs	V-4		
orded By	Tariff	Boyd	Boswell		
ness By					



5900



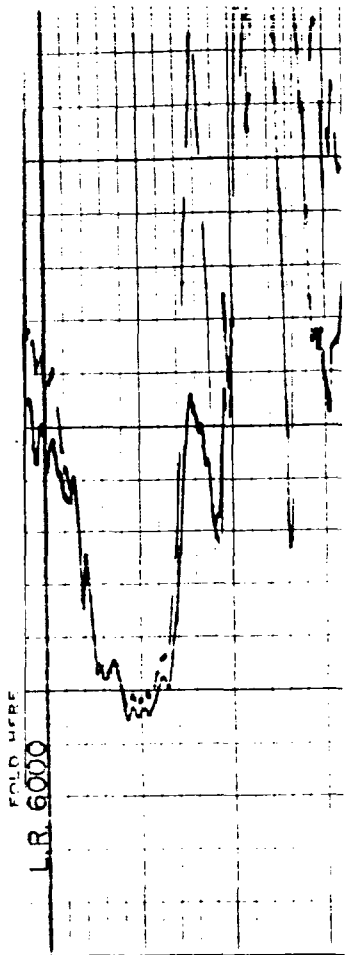
REMARKS



NAME

COUNTY <u>3</u> FIELD or LOCATION <u>S. Lovington</u> WELL <u>State A # 4</u> COMPANY <u>M.T. Delaney Co.</u>	COMPANY <u>M.T. DELANEY CO.</u> <i>M^cBEE</i>		Location of Well <u>1650' f N&E/L</u> <u>Sec. 12-17S-36E</u>	
	WELL <u>STATE A # 4</u>			
	FIELD <u>S. LOVINGTON</u>		ML-GRL	
	LOCATION <u>SEC. 12-17S-36E</u>			
	COUNTY <u>LEA</u>		Elevation on: D.F.: K.B.: <i>141</i> or G.L.:	
STATE <u>NEW MEXICO</u>		FILING No.		

RUN No.	1				
Date	7-29-53				
First Reading	6261				
Last Reading	6000				
Feet Measured	261				
Csg. Schlum.					
Csg. Driller	3400				
Depth Reached	6264				
Bottom Driller	6260				
Gr. th Datum	RDB 12.2' Abv. GL				
Mud Nat.	Salt-Gel-Impermix				
" Density	10.4				
" Viscosity	67				
" Resist.	0.1 @ 90°F	@ °F	@ °F	@ °F	@ °F
" Res. BHT	0.75 @ 120°F	@ °F	@ °F	@ °F	@ °F
" pH	6 @ °F	@ °F	@ °F	@ °F	@ °F
" Wtr. Loss	13 CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Max. Temp. °F	120				
Bit Size	8 3/4"				
Spchs.—					
Microinverse	1 1/2"				
Micronormal	2"				
Opr. Rig Time	2 Hrs.				
Truck No.	1758-Hobbs				
Recorded By	Tefft				
Witness By					



5000

