

SOUTH CAPROCK QUEEN UNIT

EXHIBIT

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

Union EXHIBIT NO. 7

CASE NO. 7032

Reproduced By

West Texas Electrical Log Service

Dallas, Texas

REFERENCE N° W 5512 -E

SCHLIMBERGER WELL SURVEYING CORPORATION

DUSTON, TEXAS

LATEROLOG

COUNTY <u>Chaves</u> FIELD or LOCATION <u>S. Drickey Queen</u> WELL <u>New Mexico H # 1</u> COMPANY <u>Magnolia Petr. Co.</u>	COMPANY <u>MAGNOLIA PETR. CO.</u>	Location of Well 660' f NL 1980' f EL Sec. 19-15S-31E
	WELL <u>NEW MEXICO H # 1</u>	
	FIELD <u>S. DRICKEY QUEEN</u>	LL (LS-ML)
	LOCATION <u>SEC. 19-15S-31E</u>	
	COUNTY <u>CHAVES</u>	Elevation: D.F. <u>4458</u> K.B. <u>4450</u>
STATE <u>NEW MEXICO</u>	FILING No. _____	

RUN No.	1		
Date	6-29-55		
First Reading	3121		
Last Reading	1250		
Feet Measured	1871		
Csg. Schlum.			
Csg. Driller	439		
Depth Reached	3125		
Bottom Driller	3125		
Depth Datum	KB 8.6' Adv. 6L		
Mud Nat.	Salt		
" Density	10.2		
" Viscosity	36		
" Resist.	06 @ 71° F @ ° F		
" Res. BHT	05 @ 96° F @ ° F		
" pH	@ ° F @ ° F		
" Wtr. Loss	6 CC 30 min. CC 30 min.		
Max. Temp. ° F	96		
Bit Size	7 7/8"		
	16" Laterolog-7		
Oper. Rig Time	1 Hr.		
Truck No.	1760-Hobbs		
Recorded By	Maxwell		
Witness By	Hicks		

REMARKS

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Dallas, Texas

OIL CONSERVATION COMMISSION

REFERENCE No A 4301 -C

EXHIBIT NO. 9

CASE NO. 2032

Halliburton

OIL WELL CEMENTING CO.

RADIOACTIVITY LOG

NATURAL GAMMA RADIATION

INDUCED GAMMA RADIATION

GAS CO. F.I.E. WELL FEDERAL SANER #4 FIELD Dickey Queen County Chaves, State N. Mex.	COMPANY SINCLAIR OIL & GAS		Location		
	COMPANY FILE		660' from S&W		
	WELL FEDERAL SANER #4		Sec 8		
	FIELD Dickey Queen		Twp. 15-S		
	COUNTY Chaves STATE N. Mexico		Rge. 31-E		
SEC. 8 TWP. 15-S RGE. 31-E		GR-NG		Elev. D.F. N.A.	
SURVEY		K.B. N.A.		Grd. 4438'	
Log Measured From Ground level		Elevation 4438'			
Drilling Measured From Ground level		Elevation 4438' ✓			
Permanent Datum Ground level		Elevation 4438'			
Type Log	GAMMA	N. GAMMA			
Run No.	ONE	ONE			
Date	10-4-55	10-4-55			
Footage Logged	3060'	3060'			
Total Depth, Driller	3118'	3118'			
Total Depth, Logged	3100'	3110'			
Type of Fluid in Hole	Water	Water			
Fluid Level	275'	275'			
Max. Temp.	93 F	93 F	F	F	
Neutron Source Strength		400mg			
Source to Center of Counter	in.	19 in.	in.	in.	
Length Meas. Device-in	29 in.	14 in.			
O.D. of Instrument-in	3 5/8"	3 5/8"			
Time Constant-sec.	2	2			
Logging Speed Ft. min.	See Remarks				
Source Code		Yellow			
Tool No.	2013	2013			
Recorded by	J.D. Fulcher	J.D. Fulcher			
Witnessed by	C.A. Sherd	C.A. Sherd			
Truck No.	4567	4567			

CASING RECORD

RUN NO.	SIZE - IN	WT. - LB.	INTERVAL	O BIT-S
ONE	10 3/4"		0' TO 330'	
ONE	7"		330' TO 3084'	8.
ONE	5 1/2"		3026' TO 3118'	6.

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EXHIBIT

OIL CONSERVATION COMMISSION

Union EXHIBIT NO. 8

CASE NO. 20

LANE WELLS

Radioactivity Log

COMPANY: L. B. HODGES	Well Location
WELL: MALCO FEDERAL NO. 1	
FIELD: CAPROCK QUEEN	
LOCATION: SE 1/4 OF SE 1/4 OF SEC. 6, T-15-S, R-31-E	
COUNTY: CHAYNE STATE: N. HKS.	445198
LOG ZERO: GROUND LEVEL	ELEV. *
DRG. ZERO: ROTARY DRIVE MOUNTING	ELEV. *
PERM. DATUM: R. D. R. IS 6.5' ABOVE Q. L.	ELEV. *

TYPE OF LOG	GAMMA RAY	N/NEUTRON	
RUN NO.	ONE-34	ONE-34	
DATE	3-27-57	3-27-57	
TOTAL DEPTH (DRILLER)	3118	3118	
EFFECTIVE DEPTH (DRILLER)	3118	3118	
TOP OF LOGGED INTERVAL	SURFACE	SURFACE	
BOTTOM OF LOGGED INTERVAL	3109	3109	
TYPE OF FLUID IN HOLE	OIL	OIL	
FLUID LEVEL		213	
MAXIMUM RECORDED TEMP.		510.3	
SOURCE STRENGTH & TYPE		17.5	
SOURCE SPACING—IN.	4	4	
LENGTH OF MEAS. DEVICE—IN.	3 5/8	3 5/8	
O.D. OF INSTRUMENT—IN.	2.8-0.9	2.8-0.9	
TIME CONSTANT—SECONDS	30-60	30-60	
LOGGING SPEED FT./MIN.	RECORDED	RECORDED	
STATISTICAL VARIATION—IN.	274 JID	D368	
SENSITIVITY REFERENCE	SCINT.	SCINT.	
DETECTOR CLASS	D601	D601	
DETECTOR TYPE	CLIFTON	CLIFTON	
RECORDED BY	HODGES	HODGES	
WITNESSED BY			

WELL RECORD			
RUN	BIT SIZE	CASING WT.—LB.	FROM LOG
ONE	10 3/4	8 5/8	SURFACE TO 330
ONE	7 7/8	5 1/2	SURFACE TO 3118
			TO
			TO
			TO

REMARKS OR OTHER DATA

* ELEVATION UNAVAILABLE.

Reproduced By
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Dallas 2, Texas

REFERENCE A6528C

COMPLETION RECORD