

EXHIBIT E-1
Case 458

Reproduced By

West Texas Electrical Log Service

Dallas 2, Texas

REFERENCE No A 5343 -A

LANE RADIOACTIVITY LOGS COMPANY

Location of Well	FILE NO.
COMPANY: SINGLAIN OIL & GAS CO.	COMPANY: SINGLAIN OIL & GAS CO.
WELL: D.R. PARKER "B" NO. 1	WELL: D.R. PARKER "B" NO. 1
FIELD: LOOD HILLS	FIELD: LOOD HILLS
COUNTY: EDDEY	COUNTY: EDDEY
STATE: N.M.	STATE: N.M.
LOCATION: SEC. 15, T-17-S, R-30-E	LOCATION: SEC. 15, T-17-S, R-30-E

LOG MEAS. FROM	GROUND LEVEL	ELEV.
DRUG. MEAS. FROM	GROUND LEVEL	ELEV.
PERM. DATUM	GROUND LEVEL	ELEV.

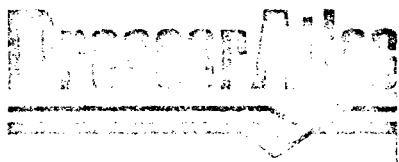
TYPE OF LOG	DATE	TIME	RECORDED SIMULTANEOUSLY
RUN NO.	1-0-0	1-0-0	NEUTRON
TOTAL DEPTH (DRILLER)	3270	3270	1-2-56
EFFECTIVE DEPTH (DRILLER)	3270	3270	3270
TOP OF LOGGED INTERVAL	3270	3270	3270
BOTTOM OF LOGGED INTERVAL	3270	3270	3270
TYPE OF FLUID IN HOLE	3270	3270	3270
FLUID LEVEL	3270	3270	3270
MAXIMUM RECORDED TEMP.	3270	3270	3270
NEUTRON SOURCE STRENGTH & TYPE	3270	3270	3270
SOURCE SPACING — IN.	3270	3270	3270
LENGTH OF MEASURING DEVICE — IN.	3270	3270	3270
O.D. OF INSTRUMENT — IN.	3270	3270	3270
TIME CONSTANT — SECONDS	3270	3270	3270
LOGGING SPEED FT. MIN.	3270	3270	3270
STATISTICAL VARIATION — IN.	3270	3270	3270
SENSITIVITY REFERENCE	3270	3270	3270
RECORDED BY	3270	3270	3270
WITNESSED BY	3270	3270	3270

CASING RECORD	WT.-LB.	FROM WELL RECORD	WT.-LB.
RUN NO.	BIT SIZE	CASING	TO 500
1	11	6 5/8	STUFF. TO 2918
1	8	7	STUFF. TO 3270
1	6 1/4	D.H.	2933 TO 3270
			TO 3270
			TO 3270

REMARKS OR OTHER DATA

* TYPE C NEUTRON

3



Gamma Ray Neutron

FILE NO.

COMPANY ATLANTIC RICHFIELD COMPANY

WELL DALE H. PARKE "A" NO. 6

FIELD GRAYBURG JACKSON

COUNTY EDDY STATE NEW MEXICO

LOCATION:

1650' FNL & 330' FWL

Other Services

SEC 22 TWP 17-S RGE 30-E

Permanent Datum GROUND LEVEL Elev. 3657
 Log Measured from G. L. Ft. Above Permanent Datum
 Drilling Measured from G. L.

Elevations:
 KB
 DF
 GL 3657

Date 2-14-70
 Run No. ONE
 Type Log G/R-N/IN
 Depth-Driller 3441
 Depth-Logger 3440
 Bottom Logged Interval 3439
 Top Logged Interval 2000
 Type Fluid in Hole WATER
 Salinity Ppm Cl.
 Density lb./Gal.
 Level 2600
 Max. Rec. Temp. Deg. F
 Opr. Rig Time 3 HOURS
 Recorded By WILSON
 Witnessed By MR. TURTLE

Run No.	Bore Hole Record			Casing Record			
	Bit	From	To	Size	Wgt.	From	To
1				7"		SURF.	2936
1	6 1/8"	2936	3440				

D HERE

Gamma Ray

RADIATION INTERFERING RECORD

Schlumberger

COMPLETION LOG
NEUTRON LOG

Exhibit C-2

COUNTY FIELD or LOCATION WELL COMPANY	EDDY	COMPANY SHENANDOAH OIL COMPANY	
	GRAYBURG JACKSON	WELL DALE H. PARKE #A-8	
	DALE H. PARKE	FIELD GRAYBURG JACKSON	
	#A-8	COUNTY EDDY STATE NEW MEXICO	
Location:		330' FSL & 2310' FWL	Other Services: CALIPER
Sec. 15 Twp. 17-S Rge. 30-E			
Permanent Datum: G.L.		Elev.: 3684	Elev.: K.B.
Log Measured From G.L.		0	D.F.
Drilling Measured From G.L.			G.L. 3684
Date	10-18-73		
Run No.	ONE (WO)		
Depth-Driller	3415		
Depth-Logger	3413		
Btm. Log Interval	3410		
Top Log Interval	1500		
Casing-Driller	7 @ 2927	@	@
Casing-Logger	2927		
Bit Size	6 1/8		
Type Fluid in Hole	WATER		
Fluid Level			
Dens.	Visc.		
pH	Fluid Los	ml	ml
Source of Sample			
Rm @ Meas. Temp.	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	@ °F	@ °F	@ °F
Source: Rmf	Rmc		
Rm @ BHT	@ °F	@ °F	@ °F
Time Since Circ.			
Max. Rec. Temp.	°F	°F	°F
Equip. Location	5615 PB-CHD (HOBBS)		
Recorded By	BRUTON		
Witnessed By	SINGLETARY		

Schlumberger

COMPLETION
NEUTRON LOG

Exhibit C-1

COUNTY EDDY

FIELD or

LOCATION GRAYBURG JACKSON

WELL DALE H. PARKE

#A-1

COMPANY SHENANDOAH OIL

COMPANY SHENANDOAH OIL COMPANY

WELL DALE H. PARKE #A-1

FIELD GRAYBURG JACKSON

COUNTY EDDY STATE NEW MEXICO

Location: 330' FNL & 990' FEL

Other Services:

Sec. 22 Twp. 17-S Rge. 30-E

CALIPER

Permanent Datum: G.L. ; Elev.: 3667
 Log Measured From G.L. , Ft. Above Perm. Datum
 Drilling Measured From G.L.

Elev.: K.B. _____
 D.F. _____
 G.L. 3667

Date	10-17-73			
Run No.	ONE (WO)			
Depth-Driller	3450			
Depth-Logger	3443			
Btm. Log Interval	3440			
Top Log Interval	1500			
Casing-Driller	7 @ 2947	@	@	@
Casing-Logger	2949			
Bit Size	6 1/8			
Type Fluid in Hole	WATER			
Fluid Level	*			
Dens.	Visc.			
pH	Fluid Los	ml	ml	ml
Source of Sample				
Rm @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F
Source: Rmf	Rmc			
Rm @ BHT	@ °F	@ °F	@ °F	@ °F
Time Since Circ.				
Max. Rec. Temp.	°F	°F	°F	°F
Equip.	Location	5615 PB-CHD (HOBBS)		
Recorded By	BRUTON			
Witnessed By	BELLAH			