G01331

MIDWEST SURVEYS

LOGGING • PERFORATING • NUCLEONICS • WELL SERVICES

Office: Box 1/8, Osage, Kansas 66071, 913 294-4326

Kansas City, Mo. Salina: P.O. Box 11596, 816 356-1913

FILING NO

COMPANY JONES BLAIR ENERGY, INC.

WELL NO. JB-164

FIELD NETHERTON LEASE

COUNTY VERNON CO., MO

RELEASED

LOCATION 800.9 E to E/L SW NE SE
1519.16 S to S/L
SEC 21 TWP 383.17 N 37½ N RGE 37½ E to E/L

20-21-
21177

PERMANENT DATUM G.L. ELEV 813.1
LOG MEASURED FROM G.L. FT ABOVE PERM. DATUM
DRILLING MEASURED FROM G.L.

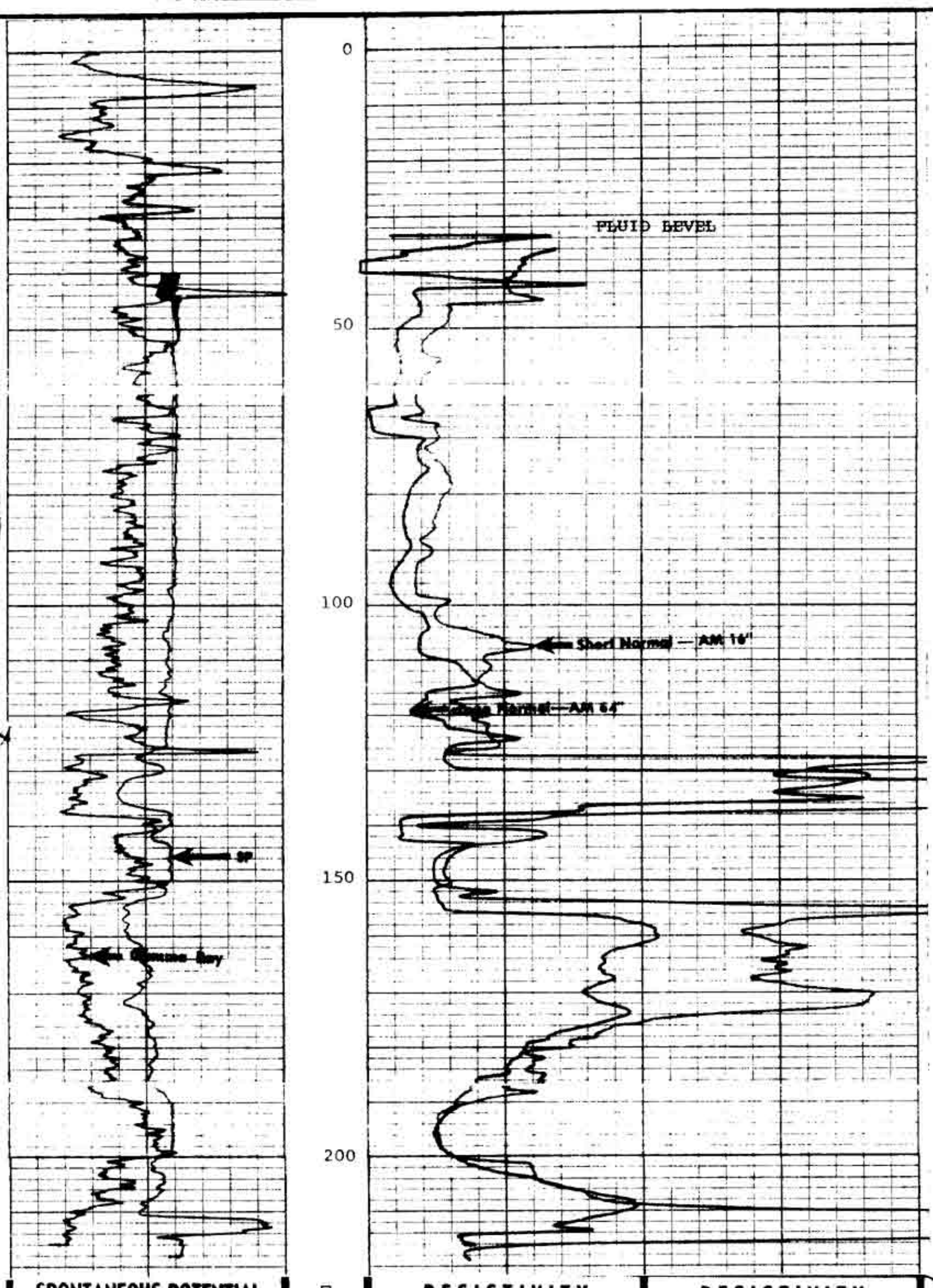
ELEV K.B. NA
D.F. NA
G.L. 813.1

OTHER SERVICES

Date	5-18-82		
Run No.	1 NW		
First reading	219.0		
Last reading	0.0		
Feet measured	219.0		
Depth reached	219.0		
Bottom Driller	222.0		
Csg. SOC	NA		
Csg. Driller	NA		
Mud Nature	FRESH H2O W/NATIVE MUD		
Dens. / Visc.	NA / NA		
Mud pH	NA		
Water Loss	NA		
Res. @	NA @ F	@ F	@ F
Res. @ BHT	NA @ F	@ F	@ F
Rmf @	NA @ F	@ F	@ F
Rmc @	NA @ F		
Bit Size	3 7/8"		
Spacings AM	AM-AM	SEP 16 1982	
AM	16" NORMAL		
AM	64" NORMAL	MO. OIL & GAS COUNCIL	
AO	NA		
Opr. Rig Time	0.5		
Truck No.	107		
Recorded By	FINK		
Witness	BOB POSTON		

REMARKS BHT NA F Measured NA Hours After Circulation

NO CONTROLLED MUD PROGRAM



SPONTANEOUS-POTENTIAL millivolts	DEPTHS	RESISTIVITY – ohms m²/m	RESISTIVITY – ohms m²/m
200 MV FULL SCALE 0 MV		16" NORMAL 0 OHM-METERS 100 FULL SCALE	6' LATERAL NA
20 + GAMMA RAY API UNITS		64" NORMAL 0 OHM-METERS 100 FULL SCALE	
100 CPS T.C. 0.5 DIV. TO LEFT 0 CPS FULL SCALE 100 CPS			

COMPANY Jones Blair Energy, Inc.
WELL No. JB-164
LEASE Netherton
COUNTY Vernon Co., MO
DATE May 18, 1982

DRILLERS T.D. 222.0
LOGGERS T.D. 219.0
LOGGERS R.D. 219.0