G 2036

OGC #20585

CORNISH WIRELINE SERVICE, INC.

COMPENSATED DENSITY

COMPANY PENSE BROTHERS DRILLING COMPANY, INC.

WELL LACY NO. 1-B

COUNTY CASS

STATE MISSOURI

LOCATION SE/4

SEC. 23 TWP. 43N RGE. 33W

OTHER SERVICES

Permanent Datum: GROUND LEVEL Elev.: 898' ft

Log Measured From: G.L. Above Perm. Datum

Drilling Measured From: G.L.

ELEV. KB: GL 898'

Date: 10-15-91

Run No.: 1 NW

Depth Reached: 489.4'

Depth Reached: 30.0'

Bottom Driller: 489.4'

Bottom Driller: 495.0'

Casing Driller: 6.25"

Mud Stabilizer: DRILLING MUD

Date: Dec.

Bit Size: 6.25"

Equipment Type: 9036

Opr. Rig Time: 2.0

Truck No.: 201

Recorded By: SANBORN, G.

Witness: PENSE, G. A.

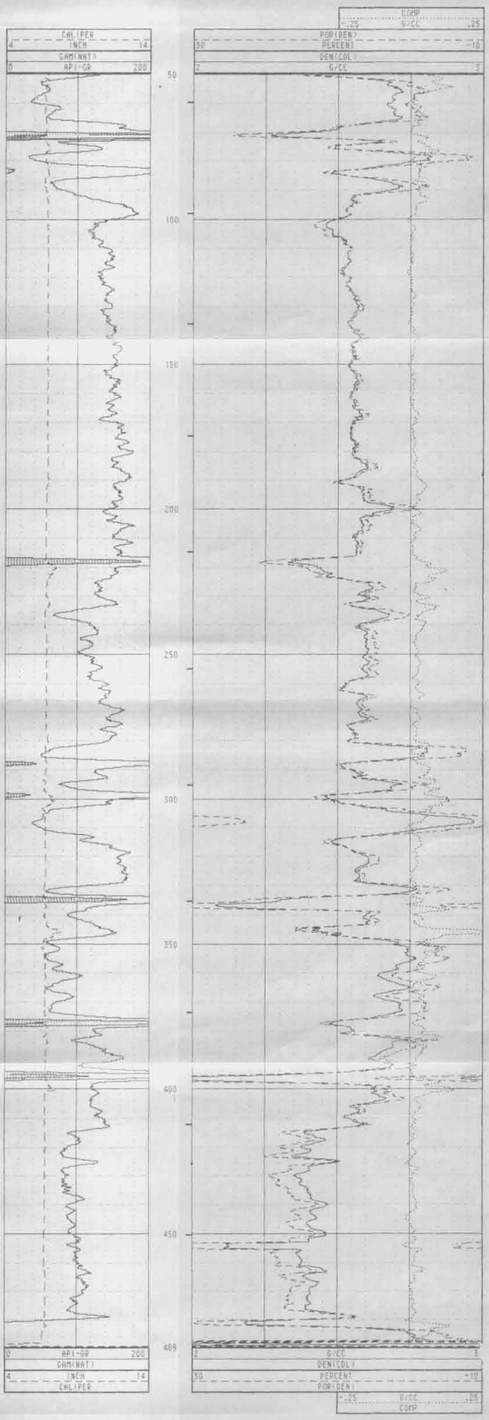
RECEIVED FEB 21 1992 MO Oil & Gas Council

REMARKS: 1st Run Service Order #

Drilling Stopped | Circulation Stopped | Tool on Bottom | B.H.T. | °F

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our offices, agents or employees. These interpretations are also subject to Clause 7 of our General Terms and Conditions as set out in our current Price Schedule.

COMPANY	: PENSE BROS. DRG. CO. INC.			OTHER SERVICES:	
WELL	: LACY 1-B				
LOCATION/FIELD	: SE/4				
COUNTY	: CASS				
STATE	: MO.				
SECTION	: 23	TOWNSHIP	: 43	RANGE	: 33
DATE	: 10/15/91	PERMANENT DATUM	: GL	ELEVATIONS	
DEPTH DRILLER	: 495	ELEV. PERM. DATUM	: GL	KB	:
LOG BOTTOM	: 489.40	LOG MEASURED FROM	: GL	DF	:
LOG TOP	: 30.30	DRL MEASURED FROM	: GL	GL	: 898
CASING DRILLER	: 0	LOGGING UNIT	: 201		
CASING TYPE	: STEEL	FIELD OFFICE	: CHANUTE		
CASING THICKNESS	: 7	RECORDED BY	: SANBORN		
BIT SIZE	: 6.25	BOREHOLE FLUID	: DRL/MUD	FILE	: ORIGINAL
MAGNETIC DECL.	:	RM	: 0	TYPE	: 9036AA
MATRIX DENSITY	: 2.68	RM TEMPERATURE	: 54	LOG	: 0
FLUID DENSITY	: 1.0	MATRIX DELTA T	:	PLOT	: OG 11
NEUTRON MATRIX	: SANDSTONE	FLUID DELTA T	:	THRESH	: 10000
REMARKS	:				



LACY NO. 1-B

PENSE BROTHERS DRILLING COMPANY, INC.

CASS COUNTY, MISSOURI

OCTOBER 15, 1991

COMPENSATED DENSITY 23/43N/33W