CC 20-21-65

Schlumberger

CN

Falls

2" NEUTRON-DENSITY

COMPANY	ARCO EXPLORATION AND TECHNOLOGY COMPANY
WELL	COLUMBIA COUNTY 22-2?
FIELD	COLUMBIA FIELD
COUNTY	COLUMBIA COUNTY
STATE	OREGON
LOCATION	1320' FNL & 1320' FEL
	SEC 22 T7N R1W
	1180' FSL & 55' FEL
	45°47'17" N 123°12'26" W
PERMANENT DATUM	GL
LOG MEASURED FROM	RKB 25.0' ABOVE PERM. DATUM
DRILL MEASURED FROM	KB
ELEVATIONS	PERM. DATUM 0.0'
	KB 25.0'
	DF 25.0'
	GL 0.0'
DATE	23 NOV 85
RUN NO.	ONE
DEPTH-DRILLER	2516.0 F
DEPTH-LOGGER	2516.0 F
BTM. LOG INTERVAL	2516.0 F
TOP LOG INTERVAL	410.0 F
CASING-DRILLER	410.0 F
CASING-LOGGER	410.0 F
BIT SIZE	9.625 IN
TYPE FLUID IN HOLE	GEL-POLYMER
DENSITY	10.20 LB/G
VISCOSITY	50.0 S
PH	9.5
FLUID LOSS	6.0 C3
SOURCE OF SAMPLE	FLOWLINE
RM @ MEAS. TEMP.	1.030 OHMM AT 45.0 DEGF
RMF @ MEAS. TEMP.	3.110 OHMM AT 45.0 DEGF
RMC @ MEAS. TEMP.	2.950 OHMM AT 45.0 DEGF
SOURCE RMF/RMC	MEASURED /MEASURED
RM @ BHT	1.770 OHMM AT 105. DEGF
RMF @ BHT	1.444 OHMM AT 105. DEGF
RMC @ BHT	1.834 OHMM AT 105. DEGF
TIME CIRC. STOPPED	0900 11-22
TIME LOGGER ON BTM.	0600 11-23
MAX. REC. TEMP.	105.0 DEGF
LOGGING UNIT NO.	8126
LOGGING UNIT LOC.	SACRAMENTO
RECORDED BY	RE1H10/PILCH
WITNESSED BY	ANDERSON

PROGRAM NAME: PDPL2 PROGRAM NO: 1 DATE: 23-NOV-85 TIME: 15:56:

OTHER SERVICES: DIL SDL BHC

TYPE FLUID IN HOLE: GEL-POLYMER
DENSITY: 10.20 LB/G
VISCOSITY: 50.0 S
PH: 9.5
FLUID LOSS: 6.0 C3
SOURCE OF SAMPLE: FLOWLINE
RM @ MEAS. TEMP: 1.030 OHMM AT 45.0 DEGF
RMF: 3.110 OHMM AT 45.0 DEGF
RMC: 2.950 OHMM AT 45.0 DEGF
SOURCE RMF/RMC: MEASURED /MEASURED
RM AT BHT: 1.770 OHMM AT 105. DEGF
RMF AT BHT: 1.444 OHMM AT 105. DEGF
RMC AT BHT: 1.834 OHMM AT 105. DEGF

TIME CIRC. STOPPED: 0900 11-22
TIME LOGGER ON BTM.: 0600 11-23

MAX. REC. TEMP: 105.0 DEGF

LOGGING UNIT NO: 8126
LOGGING UNIT LOC: SACRAMENTO
RECORDED BY: RE1H10/PILCH
WITNESSED BY: ANDERSON

REMARKS:

EQUIPMENT NUMBERS:

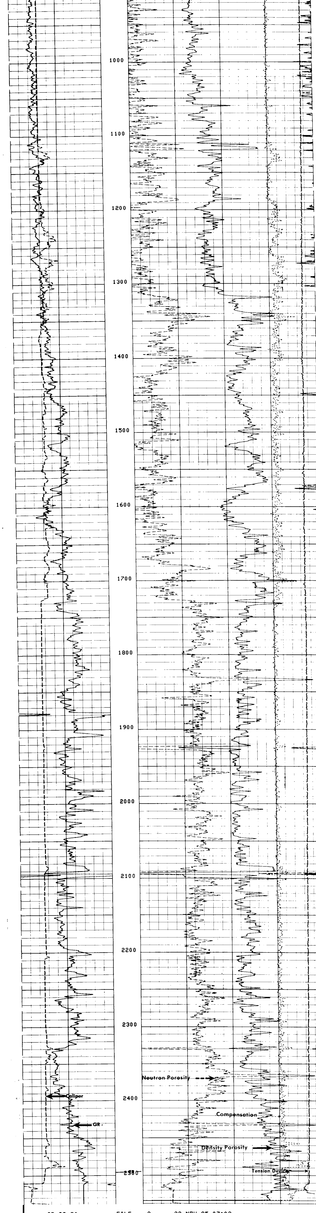
PGS-HB 542 PGC-JA 1120 CMC-A 1132 SGC-JAA 466
HLM-BC 456

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS. WE CANNOT, AND WILL NOT, GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION, AND WE SHALL NOT 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 OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

CP 20.2A FILE 0 23-NOV-85 08:49
DATA ACQUIRED No

TENS(LB)	
10000.	0.0
DRHO(G/C3)	
-.2500	.2500
RHOB(G/C3)	
.6500	1.6500
NPHI	
1.2000	.6000
NPHI	
.6000	0.0
RHOB(G/C3)	
1.6500	2.6500
CALI(IN)	
6.0000	16.000
GR (GAPI)	
0.0	150.00

CP 20.2A FILE 3 23-NOV-85 07:10
DATA ACQUIRED 23-NOV-85 06:57



CP 20.2A FILE 3 23-NOV-85 07:02
DATA ACQUIRED 23-NOV-85 05:52

TENS(LB)	
10000.	0.0
DRHO(G/C3)	
-.2500	.2500
RHOB(G/C3)	
.6500	1.6500
NPHI	
1.2000	.6000
NPHI	
.6000	0.0
RHOB(G/C3)	
1.6500	2.6500
CALI(IN)	
6.0000	16.000
GR (GAPI)	
0.0	150.00

SENSOR MEASURE POINT TO TOOL ZERO

FCNL 10.1	FEET	GR 26.4	FEET
FCBC 10.1	FEET	GCNL -.5	FEET
CALI 2.7	FEET	NPBC 2.7	FEET
NRAT 10.1	FEET	TENS -.3	FEET

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
HC	CALI		PSHR	2.30000	
FB	1.00000	G/C3	MATR	SAND	
FDCC	ALLO		MDEN	2.65000	G/C3
WMUD	10.2000	LB/G	BHF	WATE	
BHS	OPEN		CSIZ	9.62500	IN
SO	0.0	F	BS	9.75000	IN
PP	NORM				

TAPE NOT MADE