95-020

sperry-sun
DRILLING SERVICES

1:600 / 1:240 | MD

MWD
MPT SYSTEM

DGR DUAL GAMMA RAY
EWR4 ELECTROMAGNETIC WAVE RESISTIVITY
CNØ COMPENSATED NEUTRON POROSITY
DSFD DUAL SIMULTANEOUS FORMATION DENSITY

RECEIVED
JUL 06 1995
Alaska Oil & Gas Cons. Commission
Anchorage

Company	: ARCO ALASKA INC.
Rig	: POOL RIG 6
Well	: ALPINE 1B (WILDCAT)
Field	: WESTERN COLVILLE EXPOLRATION
Country	: USA

LOCATION	OTHER SERVICES
1465 FSL 2250 FWL S1 T11N R4E Y=5972482.25 X=375455.03 API 50-103-20211-02	

Permanent Datum : MSL Elev.: 0.00 ft
Log Meas. From : RKB 38.00 ft Ab.Perm.Dat.
Drlg. Meas. From: RKB

Elev. KB 38.00
DF 30.62
GL 7.60
WD 0.00

Borehole Record				Casing Record			
Size (in)	From (ft MD)	To (ft MD)	End Inc. (deg)	Size (in)	Weight (lb/ft)	From (ft MD)	To (ft MD)
16.000	120	1785	1.2	20.000		0	120
8.500	1785	8850	30.4	13.375		0	1768

CALIBRATION DATA

MWD run number	13	14
Rig bit number	3	3
MWD service	DIR-FE	DIR-FE
Start depth (ft MD)	7804.0	7891.0
End depth (ft MD)	7891.0	8850.0
Drill or Wipe	DRILL	DRILL
Drill/Wipe Start	13:17 07-MAR-95	04:50 08-MAR-95
Drill/Wipe End	17:29 07-MAR-95	08:50 09-MAR-95
Bitrun exp. time	-	-
Bit type	HYC DS40HF	HYC DS40HF
Bit size (in)	8.50	8.50
Bit TFA (sq.in.)	0.41	0.41
Flow rate (gpm)	460.00	450.00
Max. AV/CV at tool	422.0 / 309.0	- / -
Min. Inc./depth	- / -	30.3 / 8726
Max. Inc./depth	- / -	34.9 / 7891
Fluid Type	BLAND	BLAND
Density/Viscosity	10.10 / 41.0	10.10 / 41.0
Chlorides (ppm)	300	300
PH / Fluid loss	9.1 / 5.8	9.0 / 4.6
PV / YP	15 / 16	15 / 14
% solids / % sand	12.0 / 0.01	12.0 / 0.01
% oil / oil:water	- / 0:88	- / 0:88
Rm @ measured temp.	3.500 / 74.0	2.400 / 74.0
Rmf @ measured temp.	4.000 / 74.0	2.800 / 74.0
Rmc @ measured temp.	3.500 / 74.0	2.400 / 74.0
Max. tool temp.(°F)	133.0	129.2
Rm @ max.hole temp.	2.022 / 133.0	1.420 / 129.2
Lead MWD Engineer	DOUG ELLIS	DOUG ELLIS
Customer Rep.	DON McKELVEY	DON McKELVEY

Tool initialised	10:36 07-MAR-95	22:14 07-MAR-95
Tool read	22:04 07-MAR-95	14:42 09-MAR-95
Pre DGR A/B b.grd	34.7 / 40.0	39.8 / 42.6
Post DGR A/B b.grd	39.8 / 42.6	42.0 / 44.2
DGR Scale A/B	0.498 / 0.479	0.498 / 0.479
Pre EWR airhang /T	- / -	- / -
Post EWR airhang/T	- / -	- / -
EWR Rescal	-	-
Rescal Temp.range	- / -	- / -
EWR calib. offset	-	-