FORM 925244

UMIAT

DresserAtlas

Dual Induction Focused Log

WITH LINEAR CORRELATION LOG

80-0046-0
FILE NO.

RECEIVED
AUG 13 1981
Alaska Oil & Gas Cons. Commission
Anchorage

CONFIDENTIAL

COMPANY EXXON COMPANY U.S.A.

WELL ALASKA STATE C - 1

FIELD Pt. Thompson WILDCAT

COUNTY NORTH SLOPE STATE ALASKA

LOCATION: 5008920011-00
660'SNL & 660'EWL

SEC 14 TWP 9N RGE 23E

Other Services
CN/CDL - BHC
CDL
FMT
4-ARM CALIPER

Permanent Datum M.S.L. Elev. 0
Log Measured from K.B. 54 Ft. Above Permanent Datum
Drilling Measured from K.B.

Elevations:
KB 54
DF 53
GL 23

Date	12-4-80	12-12-80	1-26-81	3-26-81	4-23-81
Run No.	ONE	TWO	THREE	FOUR	FIVE
Depth—Driller	825	4000	11131	13171	13761
Depth—Logger	821	3980	11118	13158	13768
Bottom Logged Interval	819	3978	11116	13156	13766
Top Logged Interval	85	700	3900	10800	12950
Casing—Driller	28" @ 85'	20" @ 813'	13 3/8"@ 3993'	9 5/8" @ 11119'	7" @ 13146
Casing—Logger	91	814	3983	11112	13150
Bit Size	17 1/2"	17 1/2"	12 1/4"	8 1/2"	5 7/8"
Type Fluid in Hole	GEL BENDEX FRESH WATER	GEL BENDEX @	LIGNOSUL-FONATE	LIGNOSUL-FONATE	LIGNOSUL-FONATE
Density and Viscosity	8.9 | 180	9.5 | 54	10.8 | 35	13.5 | 43	15.5 | 48
pH and Fluid Loss	8.5 | 12.0cc	8.3 | 15.4 cc	10.6 | 9.8 cc	10.9 | 6.6 cc	11.1 | 3.8 cc
Source of Sample	PIT	MUD PIT	PIT	PIT	FLOWLINE
Rm @ Meas. Temp.	6.95 @ 64 °F	3.34 @72 °F	1.40 @76 °F	1.610 @73 °F	1.60 @75.5 °F
Rmf @ Meas. Temp.	4.55 @ 65 °F	1.53 @70 °F	1.253 @71 °F	.888 @74.5 °F	.810 @76.2 °F
Rmc @ Meas. Temp.	4.46 @ 56 °F	3.34 @76 °F	1.901 @72 °F	2.488 @75 °F	3.31 @73.2 °F
Source of Rmf and Rmc	MEAS | MEAS	MEAS | MEAS	MEAS | MEAS	MEAS | MEAS	MEAS | MEAS
Rm @ BHT	4.9 @ 78 °F	2.353 @105 °F	.7 @ 150 °F	.625 @186 °F	.550 @ 220 °F
Time Since Circ.	1 HR.	5 HRS.	15 HRS.	12 HRS.	11 HRS.
Max. Rec. Temp. Deg. F.	78 °F	105 °F	150 °F	186 °F	220 °F
Equip. No. and Location	8586/N.SLOPE	8586/N.SLOPE	8586/N.SLOPE	8586/N.SLOPE	8586/N.SLOPE
Recorded By	SCOTT	DORMAIER/ISLEY	DORMAIER	DORMAIER	DORMAIER
Witnessed By	MR. MORRIS	MR. MORRIS	MR.LONGSTREET	MR. MORRIS	MR. MORRIS

REMARKS:

RUN #1: THIS LOG PLAYED BACK FROM FIELD RECORDED TAPE TO CORRECT SP NOISE ON ORIGINAL
2" & 5" LOG. CORRECT SP DRAFTED ON THIS LOG FROM REPEAT SECTION. ORIGINAL SP NOISE DUE TO
WELDING ON RIG.
RUN #2: 110' OF 'DELAY OUT' RECORDED ON THE BOTTOM OF REPEAT.
RUN #3: SCALE CHANGE ON SP FROM RUN #2 - 10 mv/C.D. TO 15 mv/C.D. ON RUN #3.
RUN #4: SCALE CHANGE ON SP FROM RUN #3 - 15 mv/C.D. TO 10 mv/C.D. ON RUN #4.
RUN #5: LOG 2' SHALLOW TO DIFL DATED 3/26/81. ALL INDUCTION CURVES ON MAIN LOG
FROM 13150' TO 13190' ARE DRAFTED FROM PASS #3. PULLED OVER 1000 LBS. ABOVE LOGGING WEIGHT
AT 13633', 13615', 13525', & 13508'.

Series	1503	1309	1503	1309	1503	1309	1503	1309
Run No.	ONE	THREE	TWO	FOUR	THREE	FOUR	FIVE	FIVE
S.O. No.	41276	41281	41277	41287	41277	41287	41291	41291
Tool No.	37785	44420	41771	37785	41771	41759	41958	41759
Elec. No.	37785	44420	41771	37785	41771	41759	41958	41759
Panel No.	36919	36919	37305	36919	37305	37305	36919	37305
Conv. Set	160	160	- - -	160	- - -	- - -	160	- - -

	Run No.	Tool Type	Pad Type	Tool Position	Other
Rm @ Meas. Temp.	ONE	DIFL - 1503	- - -	1 1/2" S.O.	- - -
Rmf @ Meas. Temp.	TWO	DIFL - 1503	- - -	1 1/2" S.O.	- - -
Rmc @ Meas. Temp.	THREE	DIFL - 1503	- - -	1 1/2" S.O.	- - -
Source Rmf Rmc	FOUR	DIFL - 1503	- - -	1 1/2" S.O.	- - -
Rm @ BHT	FIVE	DIFL - 1503	- - -	FREE	- - -
Rmf @ BHT					
Rmc @ BHT					

RESISTIVITY Ohms m^2/m

SHALLOW FOCUSED LOG 50 — 500

DEEP INDUCTION LOG 50 — 500

CONDUCTIVITY Millimhos/m

INDUCTION CONDUCTIVITY 0 — 2000

DEEP INDUCTION LOG 0

DEPTH

SPONTANEOUS POTENTIAL Millivolts

20
– +

GAMMA RAY