Welex
2"=100'

TEMPERATURE LOG

COMPANY ORE-IDA FOOD INCORPORATED
WELL "ORE-IDA" NO. 1 (RUN TWO)
FIELD ONTARIO
COUNTY MALHEUR STATE OREGON
Location NORTHEAST QUARTER CORNER OF:
Sec. 3 Twp. 18S Rge. 47E
Other Services: DIG C/DENS/N C/AVL FF/MSG

RECEIVED PTLD
MAY 27 1980
DEPT OF GEOLOGY & MINERAL INDUS

COMPANY ORE-IDA FOOD INC.
WELL "ORE-IDA" NO. 1
FIELD ONTARIO
County MALHEUR State OREG.

Permanent Datum GL Elev. N/A
Log Measured From KB . OR 24 Ft. Above Perm. Datum
Drilling Measured From KB
Elev.: K.B. N/A D.F. - G.L. N/A

Date	9-18-79	9-19-79	9-19-79	9-20-79	10-1-79	10-2-79	10-2-79
Run No.	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN
Depth—Driller	7152	7152	7152	7152	7960	7960	7960
Depth—Welex	7150	7150	7150	7140	7958	7958	7958
Btm. Log Inter.	7150	7150	7150	7140	7958	7958	7958
Top Log Inter.	0	0	0	0	0	0	6000
Casing—Driller	13 1/8@ 925	13 3/8@ 925	13 3/8@ 925	13 3/8@ 925	13 3/8@ 925	13 3/8@ 925	13 3/8@ 925
Casing—Welex	925	925	925	925	925	925	925
Bit Size	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4
Type Fluid in Hole	LIGNO SULF	LIGON SULF	LIGNO SULF	LIGNO SULF	LIGNO SULF	LIGNO SULF	LIGNO SULF
Dens. I Visc.	81 I 43	81 I 43	81 I 43	81 I 43	82 I 42	82 I 42	82 I 42
pH I Fluid Loss	11.5 I 5.6 ml	11.5 I 5.6 ml	11.5 I 5.6 ml	11.5 I 5.6 ml	11.5 I 5.0 ml	11.5 I 5.0 ml	11.5 I 5.0 ml
Source of Sample	CIRCULATED	CIRCULATED	CIRCULATED	CIRCULATED	CIRCULATED	CIRCULATED	CIRCULATED
R_m @ Meas. Temp.	1.20@ 100°F	1.20 @100°F	1.20@ 100°F	1.20 @100 °F	1.34 @ 66 °F	1.34 @ 66°F	1.34 @ 66 °F
R_{mf} @ Meas. Temp.	0.98@ 98°F	0.98 @ 98°F	0.98@ 98°F	0.98 @ 98 °F	1.10 @ 68 °F	1.10 @ 68°F	1.10 @ 68 °F
R_{mc} @ Meas. Temp.	1.46@ 99°F	0.46 @ 99°F	0.46@ 99°F	0.46 @ 99 °F	1.64 @ 64 °F	1.64 @ 64°F	1.64 @ 64 °F
Source R_{mf} R_{mc}	MEASURED	MEASURED	MEASURED	MEASURED	MEASURED	MEASURED	MEASURED
R_m @ BHT	0.54@ 222°F	0.54 @222 °F	0.54@ 222°F	0.54 @222 °F	0.38 @235 °F	0.38 @ 235°F	0.38 @235 °F
Time Since Circ.	8 HOURS	24 HOURS	39 1/4 HOURS	50 3/4 HOURS	26 1/4 HOURS	39 1/4 HOURS	44 1/4 HOURS
Max. Rec. Temp.	222°F @ BHT	272 °F@ BHT	293°F @ BHT	295 °F@ BHT	267 °F@ BHT	270°F@ BHT	283 °F@ BHT
Equip. I Location	8586 IWDLND	8586 IWDLND	8586 IWDLND	8586 IWDLND	8586 IWDLND	8586 IWDLND	8586 IWDLND
Recorded By	DOVE, PARMELEE	SAME	SAME	SAME	DOVE	DOVE	DOVE
Witnessed By	GARDNER, HATHAWAY	SAME	SAME	SAME	SAME	SAME	SAME

Fold Here

Service Ticket No. 049044 049047 Remarks: CIRCULATION STOPPED AT 2:00 AM 9-18-79. TOOL INOPERATIVE FROM 2350 - 2720.

Change in Mud Type or Additional Samples

Date	Sample No.	Depth—Driller	Type Fluid in Hole	Dens.	Visc.	ph	Fluid Loss	Source of Sample	R_m @ Meas. Temp.	R_{mf} @ Meas. Temp.	R_{mc} @ Meas. Temp.	Source: R_{mf} R_{mc}	R_m @ BHT
-	-			-	-	-	ml		@ °F	@ °F	@ °F	RUNS 1 - 4 RUNS 15 - 7	

R_m @ BHT	R_{mf} BHT	R_{mc} BHT
0.45 @222 °F	0.43 @222 °F	0.65 @222 °F
0.38 @235 °F	0.32 @235 °F	0.45 @235 °F

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole
TEMPERATURE	40	60° - 100°	90° - 130°
TEMPERATURE	70	90° - 130°	120° - 160°
TEMPERATURE	730	120° - 160°	150° - 190°
TEMPERATURE	2320	150° - 190°	180° - 220°
TEMPERATURE	5570	180° - 220°	210° - 250°
TEMPERATURE	6860	210° - 250°	240° - 280°

Run No.	Tool Type and No.	Pad Type	Tool Position	Other
ONE	TEMP 20120		CENT.	
TWO	TEMP 20120		CENT.	
THREE	TEMP 28187		CENT.	
FOUR	TEMP 20120		CENT.	
FIVE	TEMP 20289		CENT.	
SIX	TEMP 20289		CENT.	
SEVEN	TEMP 28186		CENT.	

RUN ONE TOOL ON BOTTOM @ 10:30 AM. RUN TWO TOOL ON BOTTOM @ 2:00 AM.
RUN THREE TOOL ON BOTTOM @ 5:15 PM. RUN FOUR TOOL ON BOTTOM @ 4:30 AM.
RUN FIVE ON BOTTOM @ 9:30 PM 10-1-79. BHT 300°, 286°.
RUN SIX ON BOTTOM @ 10:30 10-2-79. BHT 316°, 318°, 332°.
RUN SEVEN ON BOTTOM @ 3:30 PM 10-2-79. BHT 304°, 288°, 308°.

Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations agrees that Welex is not responsible, except where due to gross negligence or wilful misconduct, for any loss, damages, or expenses resulting from the use thereof.

RUN TWO

TEMPERATURE IN DEGREES FAHRENHEIT

TEMPERATURE IN DEGREES FAHRENHEIT
240° 280°
RUN TWO

ORE-IDA FOOD INCORPORATED
"ORE-IDA" NO. 1
ONTARIO
MALHEUR COUNTY, CALIFORNIA

T.D. LOGGED 7150
T.D. DRILLER 7152
T.D. WELEX 7150