Schlumberger

TEMPERATURE TOOL

COMPANY: AMOCO PRODUCTION COMPANY

WELL: STAGE LINE #1-A

FIELD: WILDCAT

COUNTY: WHITE PINE STATE: NEVADA

COUNTY / FIELD / LOCATION / WELL / COMPANY

LOCATION: 400 FSL, 1750 FWL

Other Services: LDT/CNL-NGT-DLL/MSFL-DIL-BHC/LSS-SHDT-HDT-DIR

API SERIAL NO	SEC	TWP	RANGE
	22	23N	56E

Permanent Datum: GL ; Elev.: 5882
Log Measured From: KB 20 Ft. Above Perm. Datum
Drilling Measured From: KB

Elev.: K.B. 6002, D.F. 6001, G.L. 5882

Date	3-29-85			
Run No.	ONE			
Depth—Driller	3000			
Depth—Logger (Schl.)	2912			
Btm. Log Interval	2919			
Top Log Interval	0			
Casing—Driller	13-3/8 @879	@	@	@
Casing—Logger	879			
Bit Size	12-1/4			
Type Fluid in Hole	FRESH WATER			
Dens. / Visc.	8.0			
pH / Fluid Loss	ml	ml	ml	ml
Source of Sample	NONE			
Rm @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F
Source: Rmf / Rmc				
Rm @ BHT	@ °F	@ °F	@ °F	@ °F
TIME Circulation Stopped				
TIME Logger on Bottom	3-29 1530			
Max. Rec. Temp.	92 °F	°F	°F	°F
Equip. / Location	8153 / EVSTN			
Recorded By	EVERLY			
Witnessed By				

FOLD HERE

The well name, location and borehole reference data were furnished by the customer.

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

REMARKS: RUN ONE: WELL FLOWING WATER. NO MUD IN HOLE.

Run No.	ONE			
Service Order No.	445423			
API Serial No.				
Fluid Level	FULL			

EQUIPMENT DATA

SGC 3489

CALIBRATION DATA

Speed - F.P.M.		60	
GR	BKG. CPS	0 API	
	Source CPS	0 API	
	Tc	AUTO	

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 wilful 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 officers, agents or employees. These interpretations are also subject to our General Terms and Conditions as set out in our current Price Schedule.

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
DO	0.0	F	BHS	OPEN	
BS	12.2500	IN			

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

TEMP	-20.0	FEET	DTEM	-20.0	FEET
MP	-21.4	FEET	CCL	-1.5	FEET
CVEL	-22.5	FEET	TENS	.0	FEET
GR	-11.0	FEET			

86.6 °F

FILE 3

BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 85/03/29
PROGRAM FILE: PL (VERSION 22.4 82/10/14)

MTSC ELECTRONICS CALIBRATION SUMMARY

	MEASURED ZERO	MEASURED PLUS	CALIBRATED ZERO	CALIBRATED PLUS	UNITS
MP	0.0	0.0	0.0	0.0	PSIG

MTSC ELECTRONICS CALIBRATION SUMMARY

	MEASURED ZERO	MEASURED PLUS	CALIBRATED ZERO	CALIBRATED PLUS	UNITS
TEMP	30.8	104.0	0.0	200.0	DEGF

ATTB DETECTOR CALIBRATION SUMMARY

	MEASURED BKGD	MEASURED JIG	CALIBRATED	UNITS
GR	0	0	0	GAPI

FILE 2