Schlumberger

BOREHOLE COMPENSATED SONIC LOG

COUNTY WHITE PINE
FIELD WILDCAT
LOCATION
WELL FEDERAL 29-1
COMPANY CONOCO INC.

COMPANY CONOCO, INC.

WELL FEDERAL #29-1

FIELD WILDCAT

COUNTY WHITE PINE STATE NEVADA

LOCATION NE/NW/NW 339' SNL 989' EWL

Other Services: DIL

API SERIAL NO.	SEC	TWP	RANGE
	29	13N	62E

Permanent Datum: GL ; Elev.: 5775
Log Measured From KB 20 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 5775
D.F.
G.L. 5775

Date	12/21/79			
Run No.	ONE			
Depth—Driller	3145 STRAP			
Depth—Logger (Schl.)	3153			
Btm. Log Interval	3140			
Top Log Interval	1040			
Casing—Driller	9 5/8@ 1067	@	@	@
Casing Logger	1067.5			
Bit Size	8 3/4			
Type Fluid in Hole	FGM			
Dens. / Visc	8.8 / 42			
pH / Fluid Loss	10.1 / 10.0ml	ml	ml	ml
Source of Sample	MUD TANK			
Rm @ Meas. Temp.	2.85 @ 56 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	2.98 @ 56 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	4.27 @ 56 °F	@ °F	@ °F	@ °F
Source: Rmf / Rmc	M / C			
Rm @ BHT	1.88 @ 86 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	0300			
TIME Logger on Bottom	1200			
Max. Rec. Temp.	86 °F	°F	°F	°F
Equip. / Location	8139 / VERNAL			
Recorded By	GALES			
Witnessed By Mr.	SEELEY			

FOLD HERE

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

Run No.	ONE		
Service Order No.	95147		
Fluid Level	FULL		

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

EQUIPMENT DATA

Sonic Panel No.	533
Sonic Cart No.	141
Sonic Sonde No.	161
Mem. Panel No.	
G.R. Cart. No.	1463
G.R. Panel No.	472
Caliper No.	929X
TTR No.	
Centralizers: No. / Type	1 / CME-Z
Standoffs: No. / Type	
Time Const.-Sec.	AUTO
Speed - F.P.M.	60

LOGGING DATA

Δt_m	Δt_l	Cp	Porosity Selectors Ø Scale	Depth From	Depth To
47.6	189	1	20/TK	3140	1067

REMARKS

CALIBRATION DATA

GR	BKG. CPS	159.4
	Source CPS	391.0
	Tc Sec	AUTO

Velocity (ft/sec) = 1,000,000 / Interval Transit Time (microseconds per foot)

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 Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 79/12/21
PROGRAM FILE: IS (VERSION 14.4 92/04/04)

SGTE DETECTOR CALIBRATION SUMMARY

	MEASURED BKGD	MEASURED JIG	CALIBRATED	UNITS
GR	79	195	165	GAPI

VCDD CALIPER CALIBRATION SUMMARY

	MEASURED SMALL	MEASURED LARGE	CALIBRATED SMALL	CALIBRATED LARGE	UNITS
CALI	-8.6	-13.6	8.0	12.0	IN

CALIBRATION RECORD

COMPANY CONOCO INC.
WELL FEDERAL #29-1
FIELD WILDCAT
COUNTY WHITE PINE STATE NEVADA

SCHL. FR 3140
SCHL. TD 3153
DRLR TD 3145
Elev.: KB 5775
DF
GL 5775