

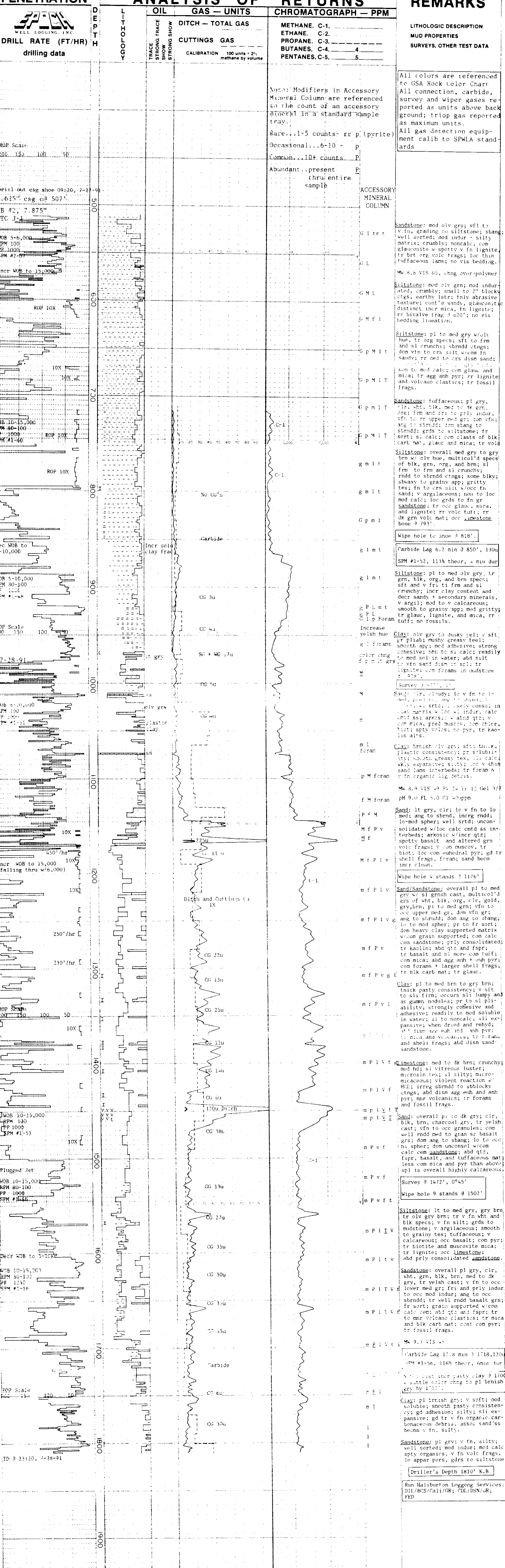
WELL LOGGING, INC.

**COMPANY** NAHAMA & WEAGANT ENERGY CO.  
**WELL** WINDY HILL 34-8-64  
**FIELD** MIST  
**LOCATION** 869.75' North and 830.81' West of the SE corner of Sec. 8, T6N, R4W, W.1.W. M  
**COUNTY, STATE** Columbia, Oregon  
**API WELL INDEX NO.**  
**ELEVATION** 1052.53' G.L. 1062.53' K.B.  
**DATES** FROM 7-27-91 TO 7-28-91  
**DEPTHS** FROM 507' K.B. TO 1810' K.B.  
**SPUD DATE** 7-25-91  
**DRILLING CONTRACTOR** Taylor Drilling Inc, Kig #7  
**MUD COMPANY** Beaver Drilling Fluids  
**LOGGING GEOLOGISTS** Jim Estes John Kiddler

ABBREVIATIONS		CASING RECORD	
NB BIT	MW MUD WEIGHT	8.0" AT	
RRB RERUN BIT	PV PLASTIC VISCOSITY	AT	
RTB RE-TIP BIT	YF YIELD POINT	AT	
CB CORE BIT	FL FLUID LOSS (cc/30 min)	AT	
T.G. TRIP GAS	CL PPM CHLORIDE ION		
S.G. SURVEY GAS	RM MUD RESISTIVITY		
W.G. WIPER GAS	LAT FLTRATE RESISTIVITY		
C.G. CONNECTION GAS	RFM LOGGED AFTER TRIP	12.14" AT	
WOB WEIGHT ON BIT	NR NO RETURNS	7.115" AT	
RPM ROTARY REV/MIN	PR POOR RETURNS	AT	
PP PUMP PRESSURE	MUD TYPE Polymer/Drispac	AT	
SPM STROKES/MIN		AT	

<input type="checkbox"/> SAND/SANDSTONE	<input type="checkbox"/> CLAY	<input type="checkbox"/> LIMESTONE	<input type="checkbox"/> TUFF	<input type="checkbox"/> LIGNITE
<input type="checkbox"/> SHALE	<input type="checkbox"/> DIATOMITE	<input type="checkbox"/> DOLOMITE	<input type="checkbox"/> FOSSIL	<input type="checkbox"/> GLAUCONITE
<input type="checkbox"/> SILTSTONE	<input type="checkbox"/> CONGLOMERATE	<input type="checkbox"/> VOLCANICS	<input type="checkbox"/> MICA	<input type="checkbox"/> PYRITE

OIL: BASED ON LIVE OIL IN UNWASHED CUTTINGS AND PERCENT STAINING AND FLUORESCENCE OF WASHED SAMPLES.



ID @ 23:20, 7-28-91