

# EPOCH

## WELL LOGGING, INC.

COMPANY ARCO OIL AND GAS COMPANY

WELL FOSTER 42-30-65

FIELD MIST

LOCATION South 0°39'38" East 2302.67'  
South 89°20'22" West 624.59'  
from the NE corner of Sec. 30,  
T6N, R5W

COUNTY, STATE Columbia, Oregon

API WELL INDEX NO.

ELEVATION 545.507' G.L., 556.507' K.B.

DATES FROM 11-15-87 TO 11-22-87

DEPTHS FROM 40' K.B. TO 2658' K.B.

SPUD DATE 11-15-87

DRILLING CONTRACTOR Taylor Drilling Co.,

MUD COMPANY M-I Drilling Fluids

LOGGING GEOLOGISTS Jim Easton, Jeff Bayall

ABBREVIATIONS		CASING RECORD	
NB BIT	MW MUD WEIGHT	13 3/8" cond AT 40'	
RRB RERUN BIT	VIS FUNNEL VISCOSITY	9 5/8" AT 476'	
RTB RE-TIP BIT	PV PLASTIC VISCOSITY		
CB CORE BIT	YP YIELD POINT		
T.G. TRIP GAS	FL FLUID LOSS (cc/30 min)		
S.G. SURVEY GAS	CL PPM CHLORIDE ION		
W.G. WIPER GAS	RM MUD RESISTIVITY		
C.G. CONNECTION GAS	RMF FILTRATE RESISTIVITY		
WB WEIGHT ON BIT	LAT LOGGED AFTER TRIP	12 1/2" AT 2658' K.B.	
RPM ROTARY REV/MIN	NR NO RETURNS	8 1/2" AT 1756' K.B.	
PP PUMP PRESSURE	PR POOR RETURNS		
SPM STROKES/MIN	MUD TYPE Gel Water to 500' Polymer to 2143' Dris-pac to 2659'		

HOLE SIZE		CHERT	
12 1/2" AT 2658' K.B.		<input type="checkbox"/> GLASSY	<input checked="" type="checkbox"/> INTRUSIVE
8 1/2" AT 1756' K.B.		<input type="checkbox"/> ARGILLACEOUS	<input type="checkbox"/> LIGNITE/MUDSTONE
		<input type="checkbox"/> PORCELANEOUS	<input type="checkbox"/> MARL

SAND/SANDSTONE  CLAY  LIMESTONE  GLASSY  INTRUSIVE  
 SHALE  DIATOMITE  DOLOMITE  ARGILLACEOUS  LIGNITE/MUDSTONE  
 SILTSTONE  CONGLOMERATE  VOLCANICS  PORCELANEOUS  MARL

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

### PENETRATION ANALYSIS OF RETURNS REMARKS

