SPOCH WELL LOGGING, INC.

COMPANY AMOCO Oil and GAS COMPANY
WELL Columbia County 31-34-65
FIELD MIST
LOCATION Sec 34 T5N R4W WM 1770.29' South 2126.74' west 806.97' from SE corner of Sec 34, T5N, R4W, WM.
COUNTY, STATE Columbia, Oregon
API WELL INDEX NO.
ELEVATION 2132' GL 2147' KB
DATES FROM 4-23-87 TO 5-14-87
DEPTHS FROM 0' TO 3744'
SPUD DATE 4-23-87
DRILLING CONTRACTOR Taylor Drilling Co. #6
MUD COMPANY Mud Logging Equip. Inc.
LOGGING GEOLOGISTS Jeff Duvall
Bill Gilmour

ABBREVIATIONS

NB	BIT	MW	MUD WEIGHT
RRB	RERUN BIT	VIS	FUNNEL VISCOSITY
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.O.	CONNECTION GAS	RMF	FILTRATE RESISTIVITY
WOB	WEIGHT ON BIT	LAT	LOGGED AFTER TRIP
RPM	ROTARY REV/MIN	NR	NO RETURNS
PP	PUMP PRESSURE	FR	POOR RETURNS
SPM	STROKES/MIN	MUD TYPE	Polymer

CASING RECORD

16"@ 32'	AT	
9 5/8"@ 1001'	AT	1001'
	AT	
	AT	
	AT	

HOLE SIZE

12 1/4"	AT	1001'
8 3/4"	AT	3744'
	AT	
	AT	
	AT	

CHERT

SD	SAND	CL	CLAY	LS	LIMESTONE
SH	SHALE	DI	DIATOMITE	DO	DOLOMITE
ST	SILTSTONE	CG	CONGLOMERATE	VO	VOLCANICS

G	GLASSY	I	INTRUSIVE
A	ARGILLACEOUS	M	METAMORPHIC
P	PORCELANEOUS		

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

PENETRATION

SPOCH WELL LOGGING, INC.
DRILL RATE (FT/HR)
drilling data

DEPTH — 1" = 200'

ANALYSIS OF RETURNS

OIL — GAS — UNITS

TRIP GAS / CONN. GAS / SURVEY GAS / WIPER GAS

DITCH — TOTAL GAS

CUTTINGS GAS

CALIBRATION — 100 units = 2% methane by volume

CHROMATOGRAPH — PPM

METHANE, C-1 _____
ETHANE, C-2 _____
PROPANE, C-3 _____
BUTANES, C-4 _____ 4
PENTANES, C-5 _____ 8

REMARKS

LITHOLOGIC DESCRIPTION
MUD PROPERTIES
SURVEYS, OTHER TEST DATA

Notes: All colors are referenced to the GSA rock color chart. All carbonates are HCl reactive unless otherwise noted. — No cementite, ferrite, or carbide stain are reported in this interval unless otherwise noted. — All reported oil residue is fluorescent.

Mw 9.0 VIS 40

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