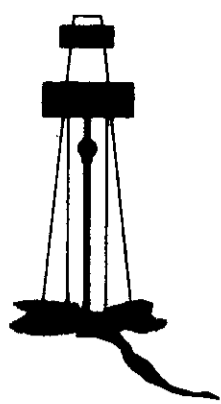


DRILL RETURNS LOGGING



COMPANY JACKSON & DAHL LEASING
 WELL No. 1
 FIELD WILDCAT
 LOCATION SEC, 24 T9S-R4W
 PROVINCE MARION, OREGON
 ELEVATION 173.5 (ROTARY TABLE)
 DATE FROM 9-16-70 TO
 LOGGING UNIT P-1
 DEPTH FROM 1090 TO
 CONTRACTOR W.W. DRILLING RIG # 1
 TOOL PUSHER W. WILSON
 MUD COMPANY BARION TYPE MUD CLAY BASE
 ENGINEER
 PUMPS
 LOGGING ENGINEER
 COMPANY ENGINEER OTTO DAHL
 COMPANY GEOLOGIST

ABBREVIATIONS

NB NEW BIT	TG TRIP GAS	F MUD FILTRATE	□ CC/30 MIN
RRB RERUN BIT	CG CONNECTION GAS	FC FILTER CAKE	
CB CORE BIT	C CARBIDE	SD SAND CONTENT	
CR CIRCULATE RETURNS	DST DRILL STEM TEST	S SALINITY	■ G/G <u>NaCl</u>
NR NO RETURNS	I DST INTERVAL		□ PPM
PR POOR RETURNS	■ CORE INTERVAL	R RESISTIVITY OF MUD	
LAT LOGGED AFTER TRIP	W MUD WEIGHT	RF RESISTIVITY MUD FILTRATE	
	V MUD VISCOSITY		

LITHOLOGY SYMBOLS

CONGLOMERATE	SAND-STONE	SILT-STONE	SHALE	COAL
LIME-STONE	DOLOMITE	SALT	ANHYDRITE	GYPSUM
IGNEOUS				

CASING RECORD

RW AT 157'
 AT
 AT

HOLE SIZE

12 3/4 TO 152'
 7 7/8 TO
 TO

DRILL RETURNS LOGGING

DATE 9/17
 BIT 100 75 90 25
 DRILL RATE FT/HR MIN/FT

DEPTH TEST

LITHOLOGY

OIL IN CUTTINGS

CONTINUOUS MUD GAS

TOTAL GAS
 PETROL VAP
 BACK-UP SCALE = 10X
 20 40 60 80 100 150

OIL IN MUD

CUTTINGS

TOTAL GAS
 PETROL VAP
 BACK-UP SCALE = 10X
 20 40 60 80 100

FEET

LITHOLOGY & REMARKS

