

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
910 State Office Building Portland, OR 97201

WELL SUMMARY REPORT

(In compliance with rules and regulations pursuant to ORS 520)

ARCO Oil and Gas Company Cavenham Forest Industries #41-9
(Company or operator) (Lease) (Well No.)

Sec. 9, T. 5N, R. 4W W.B. & M. Surveyed Coordinates: _____

SHL: 1244' S & 335' W of NE Corner BHL RD#1: 602.98' N & 194.63' W of SHL

Wildcat: _____ (or) Field Name: Mist County: Columbia

Elevation of ground above sea level is 835 feet. All depth measurements are taken from _____
 _____ kelly bushing, which is 11' above ground.

Date: January 22nd, 1987 Signature: Kwangil Park
 Position: Dist. Drlg. Superintendent

Commenced drilling: 10-6-86 Completed drilling: 10-13-86 P&A: 10-14-86

Total depth: 2500' Redrill depth: 2501'

Logs run: OH - DIL/SFL, FDC/CNL, BHC, Dipmeter, TVD RD #1 - DIL/SFL, BHC

CASING RECORD

Size of hole	Size of casing	Wt. in lbs. per ft.	Grade Type	Depth	Amount of cement
	13-3/8"	68#	K55 BTC	30'	Conductor
12-1/4"	9-5/8"	47# & 40#	S95 LTC/ K55 LTC	470'	204 sx

OH: 2500' - 526' (Mud)
679' - 525' (Cement) GEOLOGICAL MARKER DEPTH
 Plugs RD: 2501' - 526' (Mud) Clark and Wilson Sand
526' - 360' (Cement) Original Hole 2172' TVD
20' - Surface (Cement) Redrill 2054' TVD
 Junk None

PERFORATIONS OR LINER

Size of casing	From	To	Shots/ft.	Method of Perforating		
				Jet	Bullet	Slotted Liner
N/A						

INITIAL PRODUCTION

Date	Clean Oil bbl/day	Gravity	Percent Water	Gas MMcf/day	F.T.P.	F.C.P.	S.I.T.P.	S.I.C.P.
N/A								

RBS
1/21/87