

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 (Company or operator) Cavenham Forest Industries #33-9 (Lease) (Well No.)

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

SHL: 1695' N & 2525' W of SE Corner BHL: S6°27'E 378' at 2530'

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

Elevation of ground above sea level is 1110 feet. All depth measurements are taken from kelly bushing, which is 12' above ground.

Date: Jan 20th 1987 Signature: Kwangul Park Position: Dist. Drlg. Superintendent

Commenced drilling: 8-27-86 Completed drilling: 9-6-86 P&A: 9-7-86

Total depth: 3243' Redrill depth: N/A

Logs run: DIL/Sonic/SP, FDC/CNL/GR

CASING RECORD	Size of hole	Size of casing	Wt. in lbs. per ft.	Grade Type	Depth	Amount of cement
			13-3/8"	68	K55 STC	40'
	12-1/4"	9-5/8"	36 & 53.5	K55 L80	449'	416 sx*
	8-1/2"	7"	20	K55 STC	1773'	261 sx
				*Includes two top jobs		

Plugs	GEOLOGICAL MARKER	DEPTH
3243' - 1865' (Mud)	Clark & Wilson Sand	2434' TVD
1865' - 1720' (Cement)		
40' - Surface (Cement)		
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							