

ARCO LTD.

DEPT. NAT. RES & ENV



WELL NAME East Lake Tyers No. 1 SPUNDED Oct. 7, 1962

LOCATION L 37° 50' 38" S, 148° 07' 33" E COMPLETED Oct. 18, 1962

ELEVATION 10 Feet A.S.L. (Estimated) STATUS Plugged & Abandoned

TOTAL DEPTH 1541 Feet RIG Failing 2500

CASING 7" Set at 300' With 60 sks Cen CONTRACTOR W. L. Sides & Son Pty. Ltd.

GEOLOGIST E. Ingran - D. Rutledge

BIT TYPES & REMARKS	DRILLING RATE MIN. / 5 FT.	LITHOLOGY % OF CUTTINGS	MUD GAS DETECTION	DEPTH IN FEET	LITHOLOGY INTERPRETATIVE	LITHOLOGICAL DESCRIPTIONS	STRATIGRAPHIC COLUMN
	10 20 30 40 50 60			30		30' - 65' <u>Coquina</u> , yel., f.gd., abund. macro and micro fossils, some hd. limestone frag., trace glauc.	
				65		65' - 110' <u>Marl</u> , med. gry., soft, silty, vy. foss., glauc. disintegrates in water.	
				110		110' - 150' <u>Coquina</u> , pelecypods, bryozoa, echinoids, gastropods, corals and forams	
				150		150 - 265' <u>Marl</u> , gry., soft-friable, shell frag. abund. sly. silty, sly. glauc., traces blk. sub ang. soft mineral.	
				265		265 - 415' <u>Coquina</u> , loosely cemented shell fragments, trace glauc., bryozoa and pelecypods w/ some corals and forams.	
				415		415 - 625' <u>Marl</u> , med. gry., soft to friable, gummy, silty, glauc., bryozoa and forams vy. common. Interbeds of <u>coquinoidal limestone</u> , buff to tan, sly. hd., bryozoa and pelecypod fragments.	
				625		625 - 755' <u>Coquinoidal Limestone</u> , lt. gry. to tan, f. - me gd., friable to sly. hd., poor to fair por., composed of pelecypod fragments, bryozoa, corals and forams. Occ. interbed of <u>Marl</u> , med. gry., soft to friable, sly. glauc., foss.	
				755		755 - 870' <u>Marl</u> , lt. - med. gry., soft, gummy, shell frag. common, partly silty and sandy, sly. glauc. Occ. interbeds of <u>Limestone</u> , lt. gry. to tan, f. - m. gd., friable - sly. hd., vy. foss., traces of por.	
				870		870 - 955' <u>Clay</u> , lt. grn. gry. and gry. grn., sticky, abund. fine fossil debris., sly. silty sly. glauc. with occ. interbed of <u>Limestone</u> , lt. gry. to buff, f. - m. gd., friable - sly. hd., vy. foss., glauc.	
				955		955' - 1290' <u>Siltstone</u> , lt. brn. grn. and gry. grn., vy. argill., soft and sticky when wet, sly. foss., mic. glauc.; and <u>Claystone</u> , lt. med. brn. and gry. grn., silty, firm to vy. soft and sticky, glauc., sly. foss.	
				1290		1290 - 1412' <u>Sandstone</u> , brn. - gry. grn., v.f. to f.gd., silty, soft, sly. glauc. throughout, poor por., extremely pyritic in bottom 45', friable to sly. hd., dolomitic cement common; <u>Sand</u> , f.-crs. (in bottom 30'), mostly qtz. but with occ. basement rocks.	
				1412		1412 - 1460' <u>Marl</u> , gry. grn. to grn., soft, glauc., vy. foss., <u>Clay</u> , med. gry. - brn. soft and sticky, sly. silty, <u>Sand</u> and <u>Sandstone</u> , as above and vy. abund. pyrite. Pebbles @ 1410' - 1420', qtz. and basement rocks.	
				1460		1460' - 1490' <u>Sand</u> , qtz., milky, gry. and clear, red jasper, cse. gd., pebbly, mostly sub angular, unconsol. clean	
				1490		1490 - 1515' <u>Clay</u> , wh. lt. gry. and brn., sticky (weathered phyllite)	
				1515		1515 - 1541' <u>Phyllite</u> , lt. grn., pink, green and brn., finely granular mottled brittle, veinlets of chalcedony, appears talcosic.	
				1541		TOTAL DEPTH - 1541 feet	
				1800		CORE NO. 1 - 1350' - 1363'. rec. 9 ^v : <u>Silt</u> and vy. f.gd. <u>Sand</u> , med. gry. to med. brn., unconsolidated, glauc., sly. mic., fair - good por., some dark brn. staining, no odor, no taste, no fluor. and no cut.	
				1900		CORE NO. 2 - 1531 - 1541' rec. 7 ^v : <u>Phyllite</u> , mottled red, yellow, white and cream, sly. weathered, well developed dip (or cleavage) of 45° - 50°, highly fractured, fractures usually filled with chalcedony, walls of fractures oxidized red.	

1275
1300
G. amp.
400
G. amp.
G. para
450
small aperture