

ESSO EXPLORATION AND PRODUCTION AUSTRALIA INC
WELL COMPLETION LOG
ESSO BASS-3

ESSO BASS-3

CONCESSION E.L. 1/60 STATE TASMANIA BASIN BASS BASIN
LOCATION Lat 39° 59' 51" S Long 145° 16' 57" E
ELEVATION 48 31' 61 M.S.L. WATER DEPTH 202'
SPUDDED 11-2-67 COMPLETED 2-4-67 DRILLED BY GLOBAL MARINE AUSTRALASIA PTY LTD
CLASSIFICATION EXPLORATORY TEST STATUS PLUGGED AND ABANDONED
TOTAL DEPTH 7978'

STRUCTURE REASONS FOR DRILLING OBJECTIVE ETC
THE WELL WAS DRILLED ON THE CREST OF A WELL DEFINED NORTHWEST - SOUTHEAST CLOSED ANTICLINAL FEATURE AS MAPPED BY SEISMIC IT WAS DESIGNED TO TEST THE HYDRO-CARBON POTENTIAL AND STRATIGRAPHY OF AN UNKNOWN AREA WITHIN THE BASS BASIN

RESULTS
THE OBJECT OF TESTING THE STRATIGRAPHY IN THIS PART OF THE BASIN WAS ACCOMPLISHED HOWEVER, THE POTENTIALLY MOST PROSPECTIVE RESERVOIR HORIZON WAS FOUND TO BE WATER-WET SECONDARY RESERVOIR TARGETS WITHIN THE SANDS OF THE DELTA COMPLEX BELOW THE EOCENE UNCONFORMITY WERE ALSO WATER-WET ONE SMALL NON-COMMERCIAL GAS SHOW WAS FOUND OVER THE INTERVAL 6739'-6744' DUE TO SLIGHTLY GREATER VELOCITIES THAN ANTICIPATED FORMATION TOPS RAN CONSISTENTLY LOWER THAN THOSE PREDICTED BY SEISMIC BUT THE ORIGINAL STRUCTURAL PICTURE OF A CLOSED ANTICLINAL FEATURE REMAINS VALID

LITHOLOGY

Coarse to fine sandstone	Mudstone
Argillaceous mudstone	Siltstone
Fine crystalline mudstone	Silty mudstone
Sandstone	Coal
Shale	Basement
Mud	

CASING AND TUBING

SIZE	SET AT	BY CMT	FORMATION	FROM TO	SI CMT	PERFORATIONS	NO FT
3 1/2"	314	330	P.L. MUDSTONE	1430	1650		42
3 1/2"	322	330	P.L. MUDSTONE	1430	2000		42
3 1/2"	330	330	P.L. MUDSTONE	1430	2000		42

TESTS

WELLS TESTS:
 N° 1 at 6740' Recovered 29 cu ft of gas, 12.250 cc of water, 800 cc of condensate. Sampling pressure 3002 psia. S.P. 322 psia. Atmospheric pressure 1013.25 mm Hg. CO₂ 0.00%.
 N° 2 at 5737' Recovered 20.000 cc of water. No reliable pressure data. S.P. 1127 psia. Atmospheric pressure 1013.25 mm Hg. CO₂ 0.00%.
 N° 3 at 5475' Recovered 20.000 cc of water. Sampling pressure 2300 psia. S.P. 2400 psia. Atmospheric pressure 1013.25 mm Hg. CO₂ 0.00%.
 N° 4 at 5736' Recovered 20.000 cc of mud. No reliable pressure data.

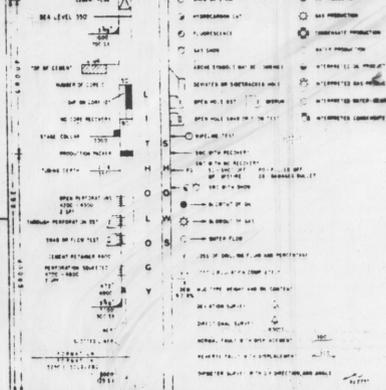
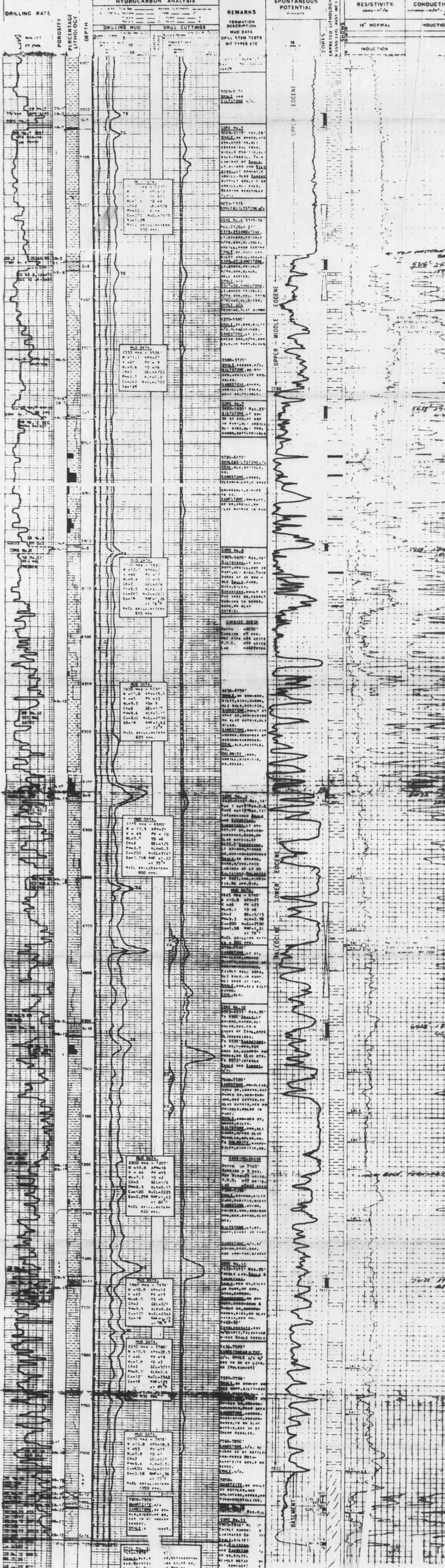
WIRE LINE LOGGING SERVICES

COMPANY	TYPE OF LOG	FROM	TO
SCOTT & BOWDEN	LOGGING	7978	7978
SCOTT & BOWDEN	LOGGING	7978	7978
SCOTT & BOWDEN	LOGGING	7978	7978
SCOTT & BOWDEN	LOGGING	7978	7978

WELL-SITE GEOLOGISTS BR., W.C.L. LITHOLOGY INTERPRETED BY: A.P.L. DATE 20.6.67
MUD LOGGING BY CORE LABORATORIES AUSTRALIA LTD

ABBREVIATIONS

MB	Mudstone	SG	Sandstone	RES	Reservoir
MS	Mudstone	SL	Siltstone	SH	Shale
MT	Mudstone	SM	Silty mudstone	SP	Sandstone
MT	Mudstone	SM	Silty mudstone	SP	Sandstone



WELL-SITE GEOLOGISTS BR., W.C.L. LITHOLOGY INTERPRETED BY: A.P.L. DATE 20.6.67

ABBREVIATIONS

