COMPOSITE WELL LOG

AMERADA PETROLEUM CORPORATION OF AUSTRALIA LTD.

McDILLE No.1

OIL PERMIT 57, NORTHERN TERRITORY — WHOLE SHEET: McDILLE — WELL STATUS: ARTESIAN WATER BORE

LOCATION: Lat 24°56'57"S Long 134°41'55"E
ELEVATION: G.L.642 ft. K.B. 652 ft.

Date Spudded: 27 May, 1964
Date Drilling Stopped: 2 September, 1964
Date Rig Released: 5 September, 1964
Total Depth Driller: 6,548'

Well Head Fittings: Adaptaflange 7" Casing
Drilled by: Australian Drilling Company
Drilling Method: Rotary
Logged by: Welex
Plotted by: W.J.

RESISTIVITY LOG DATA

	RESISTIVITY	RESISTIVITY	GAMMA RAY
RUN NUMBER	1	1	1
DATE	3.9.64	3.9.64	3.9.64
CASING DRILLER	13 3/8"	13 3/8"	13 3/8"
CASING LOGGER	1,001'	1,001'	1,001'
BOTTOM DRILLER	6,548'	6,548'	6,548'
BOTTOM LOGGER	6,547'	6,548'	6,550'
TYPE FLUID IN HOLE	GEL	GEL	GEL
DENSITY	9.2	9.2	9.2
VISCOSITY	40	40	40
PH	9.5	9.5	9.5
FLUID LOSS	8 cc	8 cc	8 cc
SOURCE OF SAMPLE	CIRC.	CIRC.	CIRC.
RM @ MEAS. TEMP.	1.35 @ 84°F	1.35 @ 84°F	1.35 @ 84°F
RMF @ MEAS. TEMP.	1.10 @ 84°F	1.10 @ 84°F	1.10 @ 84°F
RMC @ MEAS. TEMP.	2.70 @ 84°F	2.70 @ 84°F	2.70 @ 84°F
SOURCE OF RMF & RMC	CALC.	CALC.	CALC.
RM @ BHT	1.35 @ 140°F	1.35 @ 140°F	1.35 @ 140°F
TIME SINCE CIRC.	24 hrs.	24 hrs.	24 hrs.
MAX. REC. TEMP.	140°F	140°F	140°F
EQUIP. LOCATION	MAX	MAX	MAX
RECORDED BY			
WITNESSED BY			

OTHER LOGS RUN

CAMERA SURVEY — 2,475' to 6,540'
SONIC LOG — 1,001' to 6,548'
FORCE SOLINIST — 2,000' to 6,547'
CONTINUOUS DIPMETER SURVEY — 1,001' to 6,547'

CASING

Size	Wt.	Grade	Interval
26"	—	—	14' to 40'
20"	94	J-55	40' to 1,001'
13 3/8"	54.5#	K-55	0 to 1,001'
9 5/8"	40#	N-80	0 to 6,547'
9 5/8"	36	J-55	0 to 2,475'

CEMENT PLUGS

No.	Interval	Quality cement
1	5,540'-5,640'	Neat
2	5,440'-5,540'	Neat
3	5,340'-5,440'	Neat

Lithology and Interpretation by: R.W.Hughes, Ass't. W.J. Bishop

SYMBOLS

Core number and recovery

Cement plugs

LITHOLOGY

Limestone, Dolomite, Sandstone, Shale, Siltstone, Anhydrite, Coal

ACCESSORIES

Conglomerate, Limestone, Dolomite, Pyrite, Chert, Glauconite, Siltstone

STRATIGRAPHIC COLUMN

QUATERNARY, CRETACEOUS, JURASSIC, PERMIAN, DEVONIAN, CAMBRIAN

LOWER CRETACEOUS
RUMBALARA SHALE
JURASSIC
DE SOUZA SANDSTONE
PERMIAN
BORUNG POINT
UPPER DEVONIAN
KLANA
HORSESHOE BEND MEMBER
LOWER DEVONIAN
CARRON
CARRON ORTHOQUARTZITE
POLLY COPE CONGLOMERATE
DEVONIAN ?
MEREESIE SANDSTONE
UNNAMED UNIT
LOWER CAMBRIAN
TODD RIVER DOLOMITE

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