469001

Core, Mud and Cuttings Analysis

For

ESSO EXPLORATION AUSTRALIA, INC
ESSCO BASS NO.1 WELL

WILDCAT, TASMANIA

By

Core Laboratories Australia (Vic) Ltd

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OR-0359B

CORE LABORATORIES AUSTRALIA (VIC) LTD.

Petroleum Reservoir Engineering

BRISBANE, AUSTRALIA

469602

G.P.O. BOX 664K
CABLE: CORELAB
PHONE: 58-1315

8th September, 1965

ESSO EXPLORATION AUSTRALIA, INC.,
280-288 GEORGE STREET,
SYDNEY. NEW SOUTH WALES.

ATTENTION: MR. A.A. PHILLIPS.

SUBJECT: CORE, MUD AND CUTTINGS ANALYSIS
ESSO BASS NO. 1 WELL,
WILDCAT,
TASMANIA.

GENTLEMEN:

A CORE LABORATORIES AUSTRALIA combination drill cuttings and core analysis unit was present at the site of the subject well during drilling operations from 820 feet to the total depth of 7717 feet.

Using standard equipment plus a Programmed Hydrocarbon Detector (rapid sampling gas Chromatograph), the drilling fluid was monitored continuously for hydrocarbon content and the drill cuttings were checked at regular intervals for gas and oil content and lithology. All core analysis was performed by conventional procedures. The results of these operations are shown on the accompanying Grapholog and Coregraph.

No oil fluorescence was noted in any cuttings from this well. All gas increases are thought to be from shale and coal, and are not considered of commercial value.

We sincerely appreciate the opportunity to have been of service, and trust that the information furnished in this report and during drilling operations has assisted the evaluation of this well.

Yours very truly,
CORE LABORATORIES AUSTRALIA (VIC) LTD.

Joe B. McAdams

JOE B. MC ADAMS,
RESIDENT MANAGER

5 cm

OR-0359B

469004

CORE LABORATORIES, INC. CORE LAB *Petroleum Reservoir Engineering*

COMPANY ESSO EXPLORATION, AUSTRALIA, INC. FILE NO. FL 115-3L
WELL ESSO BASS #1 DATE 8 SEPTEMBER 1965 ENGRS. T.H.-A.M.
FIELD WILDCAT FORMATION ELEV. 31' KB
COUNTY STATE TASMANIA DRLG. FLD. XP/20-SPERSENE CORES #13 & #15
LOCATION LAT 39° 46' 18"S LONG 145°44' 3E REMARKS

COMPLETION COREGRAPH

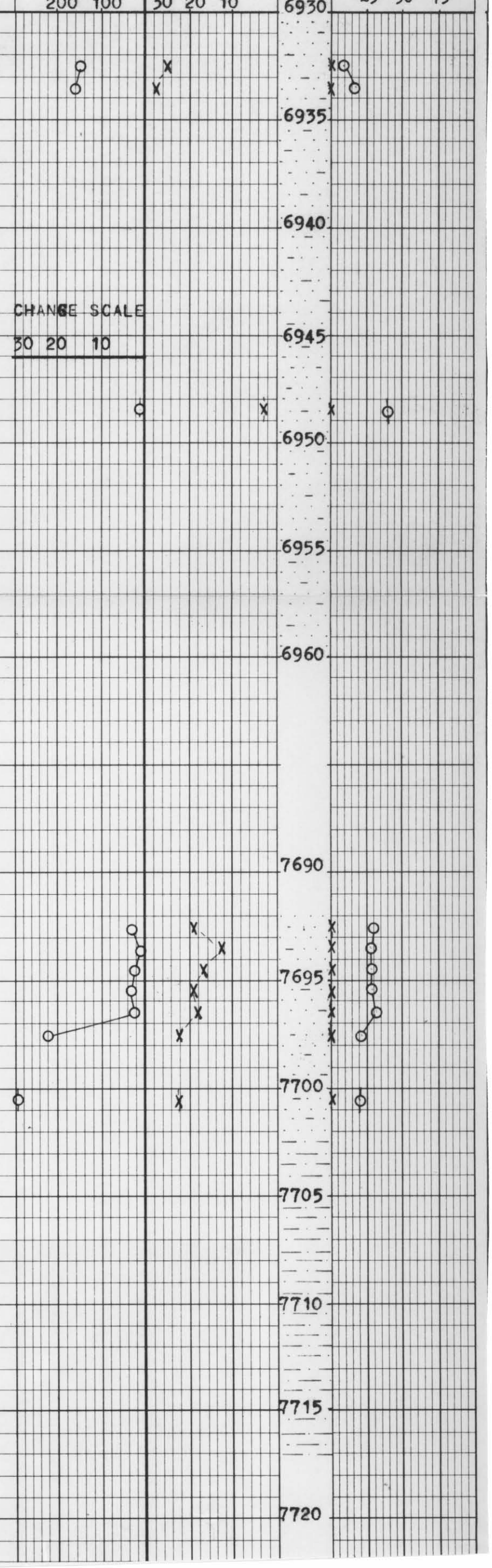
These analyses, opinions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations as to the productivity, proper operation, or profitableness of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

SAND, SHALE, LIMESTONE, DOLOMITE, CONGLOMERATE, OOLITES, CHERT, ANHYDRITE

SAMPLE CHARACTERISTICS: F=Fractured L=Laminated FG; MG; CG=Type Grain Size S=Stylolitic V=Vuggy

PROBABLE PRODUCTION: O=Oil W=Water G=Gas T=Transitional

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY, MD. * = Horizontal Perm Plug *		POROSITY %	RESIDUAL SATURATION % PORE SPACE OIL	TOTAL WATER
1	6933	152		24.6	0	90
2	6934	161		26.9	0	82
3	6949	<.1		3.1	0	60
4	7693	3.0		19.1	0	69
5	7694	<.1		12.5	0	72
6	7695	2.5		17.3	0	71
7	7696	3.0		19.2	0	72
8	7697	2.2		18.6	0	69
9	7698	22.0		22.0	0	78
10	7701	33.0		22.3	0	80



CORE LABORATORIES, INC.

Core Graphology

DATE 4-12-78 | 440065

FIELD: WILDCAT
COUNTY: ALLEN
STATE: KANSAS
LOCATION: SEC. 24 - T25S - R18E
LEASE: HOLLOWAY
WELL NO.: #1
ELEVATION: 1000 KB
DATE: 4-12-78
DRILLING FLUID: FRESH WATER GEL
RECORDED BY: D. HOLLOWAY
WITNESSED BY: D. HOLLOWAY

LEGEND

OIL	
GAS	
WATER	
SHOW	
DRY	
CORE	
DST	
PERFORATION	

DEPTH SCALE

1" = 100'	
1" = 50'	
1" = 20'	
1" = 10'	
1" = 5'	
1" = 2'	
1" = 1'	
1" = 1/2'	
1" = 1/4'	
1" = 1/8'	
1" = 1/16'	

OPERATIONS DURING

DRILLING	
CORING	
DST	
PERFORATING	
TESTING	
SHUT IN	
SHOT	
ACIDIZED	
FRACTURED	
PULLED	
PLUGGED	
ABANDONED	

DRILLING RATE
min/ft
1" = 10'

DRILLING FLUID