



CEMENTING AND/OR SPECIAL TOOLS SERVICE REPORT

ATTACH TO
INVOICE No. 62 626

HALLIBURTON DISTRICT

Grande Prairie

OWNER, OPERATOR OR HIS AGENT STATES THE WELL IS IN GOOD CONDITION FOR THE SERVICE JOB TO BE PERFORMED AND SUBMITS THE FOLLOWING DATA.

CUSTOMER Arnco Industries Ltd.			FIELD OR AREA Cameron Hills				WELL No. AND LEASE Exco et al Cameron Hills						
CALLED OUT 85-03-23 17:00	DATE TIME	ON LOCATION 85-03-23 04:00	DATE TIME	JOB STARTED Stand By	DATE TIME	JOB COMPLETED 85-04-02 24:00	DATE TIME	PROVINCE N.W.T.	LSD I-16	SEC	TWP	RANGE	MERIDIAN W

TYPE OF JOB ✓		WELL OR HOLE DATA								PRODUCTS	
SURFACE		HOLE DATA: SIZE <u>216</u> mm				TOTAL DEPTH <u>1622</u> m	TYPE <u>MUD Gel Chem</u>	VISC.	DENSITY	EQUIPMENT	QUAN
INTERMEDIATE		CASING, TUBING OR LINER DATA <input checked="" type="checkbox"/> NEW <input type="checkbox"/> USED <u>X</u>				SIZE <u>101</u> mm	kg/m <u>20.83</u>	GRADE	DEPTH <u>1408</u> m	BASKETS	
PRODUCTION		PERFORATIONS: FROM _____ m TO _____ m				FROM _____ m	TO _____ m	GRADE	DEPTH <u>1408</u> m	CENTRALIZERS	
LINER		FROM _____ m TO _____ m				FROM _____ m	TO _____ m			CLAMPS	
SQUEEZE		WASH FLUID TYPE: <u>H₂O</u> VOL. <u>15.0</u> m ³				DISPLACING FLUID TYPE: <u>H₂O</u> VOL. <u>1.5</u> m ³				FLOAT COLLAR	
PLUG	✓	TEMP <u>20</u> °C	MIXING DATA <u>WATER</u>	SLURRY <u>20</u> °C	DISPLACING FLUID <u>20</u> °C	RETURNS <u>Full</u> °C			FLOAT SHOE		
PUMP									GUIDE SHOE		
PRESSURE TEST									INSERT FLOAT		
OTHER									SCRATCHERS		
									OTHER		

EQUIPMENT

PACKER						CEMENT HEAD	
TYPE	SIZE	mm	TOP PLUG TYPE			CONTINUOUS <input type="checkbox"/> KNOCK OFF <input type="checkbox"/> SWAGE <input checked="" type="checkbox"/>	
DEPTH	m	TAIL PIPE	mm	BOTTOM PLUG TYPE		OTHER	
SET							

CEMENT DATA

TONNE	API CLASS	BRAND	BULK OR SACKED	CEMENT BLEND	ADDITIVES TYPE AND PERCENT	kg/m ³	m ³ /tonne
12.6	G	Inland	Bulk	Class "G"	0.1% HR-4 0.35 CFR-2	1895	0.76
6.5	G	Inland	Bulk	Class "G"	2% Cal Clor	1895	0.76

HALLIBURTON OPERATOR C. Sutherland CUSTOMER REP.

TREATING LOG