

# ESSO RESOURCES CANADA LIMITED WELL COMPLETIONS & WORKOVERS

D.L.S.										B.C. CENTIZONE										N.W.T. GRID											
SS	LOC	EX	LSD	SEC	TWP	RGE	E	W	M	W	EX	SS	LOC	EX	U	UNIT	B	N.T.S.	W	EX	SS	LOC	EX	U	SEC	LAT	MIN	LONG	MIN	W	EX
1										0		2							0		3										

Well Name **Esso Norman Wells F-50X** Field **NORMAN WELLS** Date Prep. **07 25 87**

Contract Rig **SNEHTAH #1** Rig Supervisor **L. SEPT** Charge No. **9A 204**

## CASING & CEMENT REPORT

CASING	SIZE O.D. (mm)	WEIGHT kg/m	GRADE	MANUFACTURER	COLLARS SHORT/LONG	NO. OF JOINTS	AMOUNT m	DEPTH m K.B. (O)
STAGING COLLAR								
BACK-OFF COLLAR OR PACKER								
FLOAT COLLAR								
CASING	339.7	107.51	N-80		BHC	13	165.26	-0.71
SHOE	339.7			TOPCO	BHC		0.50	164.55
HOLE SIZE <u>444.5</u> mm FROM <u>0</u> TO <u>167</u> m					TOTAL		13	165.76
HOLE SIZE _____ mm FROM _____ TO _____ m					CALC. AMT. UP ON LAST JT.			
HOLE SIZE _____ mm FROM _____ TO _____ m					ACTUAL AMT. UP ON LAST JT.			0.71
K.B. TO TOP OF SURFACE CASING FLANGE _____ m					KB TO GRD			5.60
CASING CUTOFF _____ mm ABOVE TOP OF CASING FLGE.					CASING SET			165.05
TYPE OF CASING A.P.I. <input checked="" type="checkbox"/> EXTREME LINE <input type="checkbox"/>					TOTAL DEPTH OF HOLE			167.00
POWER TONGS USED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>					POWER TONGS SUPPLIED BY <u>WEATHERFORD</u>			
TYPE OF FLOAT EQUIPMENT <u>BALL TYPE SHOE</u>					MANUFACTURER <u>AS ABOVE</u>			

ITEM	TYPE	MANUFACTURER	NO.	SPACING m	INTERVAL COVERED (m K.B. (O))
SCRATCHERS					
CENTRALIZERS	<u>9 ROW SPACER</u>	<u>TOPCO</u>	<u>9</u>	<u>1 / JOINT</u>	<u>165 - 51</u>
				<u>1 / JOINT</u>	<u>380 - 12</u>

TYPE OF MUD GEL - POLYMER

INITIAL MUD WT. \_\_\_\_\_ kg/m<sup>3</sup> VISCOSITY \_\_\_\_\_ SEC.

FINAL MUD WT. \_\_\_\_\_ kg/m<sup>3</sup> VISCOSITY \_\_\_\_\_ SEC.

CEMENTED BY HALLIBURTON

CEMENT USED 25.4 BRN 65 % SKS.

ADDITIVES \_\_\_\_\_ AMT \_\_\_\_\_ SKS.

TIME CASING STARTED IN HOLE 4:45 A.M. (P.M.)

DROPPING RATE AT 1000m WAS 15 SEC FOR 16.5 m JT.

1500m WAS \_\_\_\_\_ SEC FOR \_\_\_\_\_ m JT.

2000m WAS \_\_\_\_\_ SEC FOR \_\_\_\_\_ m JT.

2500m WAS \_\_\_\_\_ SEC FOR \_\_\_\_\_ m JT.

WAS THERE LOSS OF FLUID WHILE RUNNING PIPE? NO

IF SO AT WHAT DEPTH? \_\_\_\_\_ m

TIME CASING ON BOTTOM \_\_\_\_\_ A.M. 7:45 P.M.

CIRCULATION BROKEN AT \_\_\_\_\_ A.M. 7:45 P.M.

PRESSURE REQUIRED TO BREAK CIRCULATION 500 Pa

CIRCULATING PRESSURE AFTER CLEANUP 2000 kPa

STROKE LENGTH WHILE RECIPROCATING 10 m INITIALLY

10 m FINALLY

TIME STARTED MIX CEMENT \_\_\_\_\_ A.M. 8:40 P.M.

WAS BOTTOM PLUG USED NO ?

RELEASED TOP PLUG AT \_\_\_\_\_ A.M. 9:10 P.M.

PRESSURE JUST BEFORE PLUG HITS 4000 kPa

MAXIMUM PRESSURE 6000 kPa

PLUG CHASED WITH H<sub>2</sub>O AND BUMPED AT \_\_\_\_\_ A.M. 9:34 P.M.

STROKE LENGTH WHILE CEMENTING 3 m

WAS THERE ANY DIFFERENCE IN PUMP PRESSURE ON UPSTROKE AND DOWNSTROKE? ☒ NONE \_\_\_\_\_ kPa

MUD RETURNS WHILE CEMENTING ☒ FULL ☐ PARTIAL

☐ NONE. EXPLAIN IN REMARKS

RECIPROCATION STOPPED AT \_\_\_\_\_ A.M. 9:10 P.M.

REMARKS 4.0m<sup>3</sup> RETURNS. FLOAT

HELD GOOD.