

ESSO RESOURCES CANADA LIMITED
WELL COMPLETIONS & WORKOVERS

D.L.S.							
SS	LOC	LSD	SEC	TWP	RGE	E	W
EX						W	EX
1						0	

B.C. CENTIZONE						
SS	LOC	U	UNIT	B	N.T.S.	W
EX					0	EX
2						

N.W.T. GRID						
SS	LOC	U	SEC	LAT	MIN LONG	MIN W
EX						EX
3						

Well Name <i>ESSO NORMAN WELLS F-SOX</i>	Field <i>NORMAN WELLS</i>	Date Prep. <i>07 25 87</i>
Contract Rig <i>SNENTAH #1</i>	Rig Supervisor <i>L. SFPT</i>	Charge No. <i>90204</i>

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. (0)
STAGING COLLAR								
BACK-OFF COLLAR OR PACKER								
FLOAT COLLAR								
CASING	339.7	107.51	N-80		BHIC	13	165.26	-0.71
SHOE	339.7			TOPCO	BHIC		0.50	164.55

HOLE SIZE 4 1/2 mm FROM 0 TO 167 mTOTAL 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.

K.B. TO TOP OF SURFACE CASING FLANGE m

KB TO GRD 5.60

CASING CUTOFF mm ABOVE TOP OF CASING FLGE.

CASING SET 165.05TYPE OF CASING A.P.I. EXTREME LINE TOTAL DEPTH OF HOLE 167.00POWER TONGS USED YES NO POWER TONGS SUPPLIED BY WEATHERFORDTYPE OF FLOAT EQUIPMENT BALL TYPE SHOEMANUFACTURER AS ABOVE

ITEM	TYPE	MANUFACTURER	NO.	SPACING m	INTERVAL COVERED (m K.B. (0))
SCRATCHERS					
CENTRALIZERS	<u>480 SPRN</u> TOPCO		9	<u>1/JOINT</u> <u>1/JOINT</u>	<u>165-51</u> <u>38.00-12</u>

TYPE OF MUD GEL-POLYMERCIRCULATING PRESSURE AFTER CLEANUP 2000 kPaINITIAL MUD WT. kg/m³ VISCOSITY SEC.STROKE LENGTH WHILE RECIPROCATING 10 m INITIALLYFINAL MUD WT. kg/m³ VISCOSITY SEC.10 m FINALLYCEMENTED BY HALLIBURTONTIME STARTED MIX CEMENT A.M. 8:40 P.M.CEMENT USED 25.4 GALLONS % SKS.WAS BOTTOM PLUG USED NO ?

ADDITIVES AMT SKS.

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

AMT SKS.

PRESSURE JUST BEFORE PLUG HITS 4000 kPaTIME CASING STARTED IN HOLE 4:45 A.M. P.M.MAXIMUM PRESSURE 6000 kPaDROPPING RATE AT 1000m WAS 15 SEC FOR 1.5 JT.PLUG CHASED WITH H2O AND BUMPED AT A.M. 9:34 P.M.1500m WAS 15 SEC FOR 1.5 JT.STROKE LENGTH WHILE CEMENTING 3 m2000m WAS 15 SEC FOR 1.5 JT.

WAS THERE ANY DIFFERENCE IN PUMP PRESSURE ON

2500m WAS 15 SEC FOR 1.5 JT.UPSTROKE AND DOWNSTROKE? NO NONE kPaWAS THERE LOSS OF FLUID WHILE RUNNING PIPE? NOMUD RETURNS WHILE CEMENTING FULL PARTIAL

IF SO AT WHAT DEPTH? m

NONE. EXPLAIN IN REMARKSTIME CASING ON BOTTOM A.M. 7:45 P.M.RECIPIROCATON STOPPED AT A.M. 9:10 P.M.CIRCULATION BROKEN AT A.M. 7:45 P.M.REMARKS 4.0 m³ RETURNS. FLOATPRESSURE REQUIRED TO BREAK CIRCULATION 500 PaHELD GOOD.