

Daily mud properties																							
(((
(ooo)																							
Well: 6407/7-5										System: BORE													
Norsk Mud Contractor: PROMUD																							
Hydro Data: "Mid depth" from table 3, otherwise from table 14.																							
Date	Mid depth	Mud (SG)	PV (cp)	YP (Pa)	GEL (Pa)	GEL (Pa)	100 psi (cc)	HP/HT-C1 (cc)	Alkalinity (mg/l)	Ca++ (mg/l)	Oil Sol (H2O) (%)	V.G. meter at 115 gr. F:						Type					
												600 rpm	300 rpm	200 rpm	100 rpm	6 rpm	3 rpm	Mud					
:901214:	351:	1.20:	20:	20:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	SPUD:				
:901216:	351:	1.20:	0:	0:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	SPUD:				
:901217:	351:	1.20:	0:	0:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	SPUD:				
:901220:	650:	1.20:	0:	0:	:	9.5:	:	:	:	:	:	110:	73:	58:	48:	14:	12:	SPUD:					
:901221:	1112:	1.20:	0:	0:	:	9.5:	:	:	:	:	:	90:	60:	47:	37:	11:	10:	SPUD:					
:901223:	1112:	1.40:	19:	10:	4:	5:	4.2:	61000/61000:	:	:	:	59:	40:	31:	21:	5:	4:	SPUD:					
:901224:	1112:	1.40:	20:	11:	4:	5:	7.9:	4.3:	57000/57000:	:	320/320:	11:	63:	43:	34:	24:	5:	4:	SPUD:				
:901225:	1400:	1.46:	23:	13:	4:	5:	8.6:	4.2:	57000/57000:	0.10:	0.10:	0.60:	480/480:	12:	72:	49:	39:	27:	6:	5:	SPUD:		
:901226:	1902:	1.60:	28:	10:	4:	22:	5.4:	56000/56000:	0.10:	:	0.40:	480/480:	18:	76:	48:	34:	22:	7:	6:	SPUD:			
:901227:	2272:	1.60:	26:	10:	7:	26:	8.1:	5.1:	53000/53000:	0.10:	:	0.40:	400/400:	18:	72:	46:	31:	21:	8:	7:	SPUD:		
:901228:	2519:	1.60:	21:	10:	8:	28:	8.2:	4.9:	58000/58000:	0.10:	:	0.50:	440/440:	:	62:	41:	30:	20:	8:	7:	SPUD:		
:901229:	2588:	1.60:	24:	10:	6:	25:	8.1:	5.2:	61000/61000:	0.10:	:	0.40:	360/360:	18:	68:	44:	31:	21:	8:	7:	SPUD:		
:901230:	2723:	1.60:	24:	12:	8:	25:	7.9:	4.9:	61000/61000:	0.10:	:	0.40:	380/380:	19:	71:	47:	37:	26:	11:	9:	SPUD:		
:901231:	2824:	1.60:	26:	12:	7:	28:	8.0:	4.9:	61000/61000:	0.10:	:	0.40:	360/360:	19:	75:	49:	39:	27:	12:	11:	SPUD:		
:910101:	2826:	1.60:	28:	11:	8:	28:	7.9:	5.1:	61000/61000:	0.10:	:	0.40:	400/400:	19:	78:	50:	40:	27:	12:	11:	SPUD:		
:910102:	2834:	1.60:	20:	8:	7:	28:	8.0:	6.2:	63000/63000:	:	0.40:	840/840:	0:	18:	82:	56:	36:	27:	19:	10:	9:	SPUD:	
:910103:	2866:	1.60:	25:	11:	8:	31:	8.0:	5.2:	63000/63000:	:	0.50:	:	0:	18:	82:	72:	47:	37:	25:	11:	10:	SPUD:	
:910104:	2870:	1.60:	24:	10:	7:	27:	8.3:	4.9:	64000/64000:	:	0.70:	180/180:	0:	18:	82:	68:	44:	30:	23:	9:	8:	SPUD:	
:910105:	2870:	1.45:	26:	8:	4:	22:	9.8:	4.5:	64000/64000:	0.20:	0.30:	1.00:	340/340:	0:	18:	82:	68:	42:	30:	19:	6:	4:	SPUD:
:910108:	2870:	1.45:	26:	8:	4:	22:	8.9:	4.5:	64000/64000:	0.20:	0.30:	1.00:	340/340:	0:	18:	82:	68:	42:	30:	19:	6:	4:	KCL:
:910109:	2870:	1.45:	18:	8:	2:	2:	9.1:	3.8:	61000/61000:	0.50:	0.50:	4.00:	240/240:	0:	12:	88:	52:	34:	25:	16:	5:	4:	KCL:
:910110:	2873:	1.45:	20:	8:	2:	3:	10.2:	4.0:	58000/58000:	0.40:	1.10:	0.90:	80/80:	0:	13:	87:	56:	36:	29:	17:	3:	2:	KCL:
:910111:	2964:	1.45:	26:	10:	3:	3:	8.4:	3.2:	58000/58000:	:	0.10:	0.70:	160/160:	0:	13:	87:	73:	46:	35:	22:	6:	5:	KCL:
:910112:	3049:	1.52:	31:	12:	3:	4:	8.6:	3.3:	13.1:57000/57000:	0.20:	0.20:	0.80:	220/220:	0:	15:	85:	86:	56:	36:	25:	7:	6:	KCL:
:910113:	3075:	1.64:	27:	10:	3:	10:	8.9:	3.8:	14.7:57000/57000:	0.03:	0.12:	0.80:	440/440:	0:	20:	80:	73:	46:	37:	23:	6:	5:	KCL:
:910114:	3084:	1.64:	29:	9:	3:	7:	8.5:	2.9:	11.6:56000/56000:	0.20:	0.10:	1.20:	320/320:	0:	22:	78:	76:	47:	35:	22:	6:	5:	KCL:
:910115:	3168:	1.64:	29:	10:	3:	8:	8.5:	3.2:	11.6:55000/55000:	0.10:	0.10:	1.30:	400/400:	0:	21:	79:	77:	48:	38:	25:	7:	5:	KCL:
:910116:	3196:	1.64:	28:	10:	3:	9:	8.5:	3.2:	11.7:54000/54000:	0.10:	0.10:	1.10:	400/400:	0:	19:	81:	76:	48:	39:	27:	6:	5:	KCL:
:910117:	3215:	1.64:	28:	10:	4:	11:	8.4:	3.3:	12.1:55000/55000:	0.10:	0.10:	1.10:	400/400:	0:	19:	81:	75:	47:	36:	23:	7:	6:	KCL:
:910118:	3215:	1.64:	30:	10:	3:	11:	8.8:	3.0:	12.0:56000/56000:	0.70:	0.40:	2.20:	260/260:	0:	19:	81:	80:	50:	40:	25:	6:	5:	KCL:
:910119:	3214:	1.64:	29:	10:	3:	11:	8.7:	3.0:	12.0:55000/55000:	0.70:	0.30:	2.20:	260/260:	0:	19:	81:	77:	48:	38:	24:	6:	5:	KCL:
:910120:	3214:	1.64:	29:	9:	3:	12:	8.7:	3.2:	14.6:55000/55000:	0.70:	0.40:	2.40:	200/200:	0:	19:	81:	76:	47:	35:	23:	6:	5:	KCL:
:910121:	3214:	1.64:	29:	10:	3:	12:	8.7:	3.1:	14.1:55000/55000:	0.70:	0.60:	3.00:	200/200:	0:	19:	81:	78:	49:	38:	24:	6:	5:	KCL:
:910122:	3026:	1.64:	29:	10:	3:	13:	8.7:	3.0:	14.0:55000/55000:	0.70:	0.60:	3.00:	200/200:	0:	19:	81:	78:	49:	38:	25:	6:	5:	KCL:
:910123:	3090:	1.64:	31:	18:	5:	19:	11.5:	5.0:	15.0:56000/56000:	1.20:	3.80:	2.20:	240/240:	0:	19:	81:	97:	66:	55:	35:	8:	7:	KCL:
:910124:	3134:	1.64:	27:	8:	3:	12:	11.3:	3.6:	13.3:55000/55000:	0.80:	2.00:	1.40:	120/120:	0:	19:	81:	70:	43:	32:	20:	6:	4:	KCL:
:910125:	3359:	1.64:	30:	10:	3:	15:	11.4:	3.0:	13.0:55000/55000:	0.60:	2.00:	1.90:	120/120:	0:	19:	81:	79:	49:	39:	24:	5:	4:	KCL:
:910126:	3383:	1.64:	30:	8:	3:	14:	11.1:	3.2:	14.0:55000/55000:	0.30:	1.20:	0.90:	280/280:	0:	20:	80:	76:	46:	35:	22:	5:	4:	KCL:
:910127:	3410:	1.64:	29:	8:	3:	12:	11.1:	3.3:	14.0:56000/56000:	0.30:	1.10:	1.90:	300/300:	0:	20:	80:	74:	45:	35:	22:	5:	4:	KCL:
:910128:	3437:	1.64:	30:	11:	3:	17:	9.4:	3.1:	13.0:55000/55000:	0.30:	0.90:	0.70:	400/400:	0:	20:	80:	82:	52:	42:	27:	6:	5:	KCL:
:910129:	3716:	1.64:	27:	10:	3:	18:	9.2:	3.4:	14.0:54000/54000:	0.50:	0.30:	1.00:	420/420:	0:	20:	80:	73:	46:	35:	23:	6:	4:	KCL:
:910130:	3725:	1.64:	26:	10:	3:	17:	8.9:	3.4:	14.4:54000/54000:	0.10:	0.20:	1.10:	400/400:	0:	20:	80:	71:	45:	34:	23:	6:	4:	KCL:
:910131:	3725:	1.64:	27:	9:	3:	16:	8.9:	3.3:	14.2:55000/55000:	0.10:	0.20:	1.00:	380/380:	0:	20:	80:	70:	44:	33:	21:	6:	4:	KCL:
:910201:	3725:	1.64:	26:	9:	3:	16:	8.9:	3.4:	14.4:54000/54000:	0.10:	0.20:	1.00:	400/400:	0:	20:	80:	70:	44:	33:	21:	6:	4:	KCL:

Table B-11 Mud materials consumption

M u d c o n s u m p t i o n		
(((
(ooo)		
	System : BORE	
Norsk	Well: 6407/7-5	
Hydro	Mud company: PROMUD	
		Actual used

Drilling of 36 " hole		

BARITE	Kg	56000
BENTONITE	Kg	17000
CAUSTIC SODA	Kg	250
SODA ASH	Kg	250
Drilling of 17 1/2" hole		

BARITE	Kg	230000
BENTONITE	Kg	36000
CAUSTIC SODA	Kg	400
CMC EHV	Kg	4000
SODA ASH	Kg	275
XC-POLYMER	Kg	500
Drilling of 12 1/4" hole		

BARITE	Kg	908000
BENTONITE	Kg	1000
CAUSTIC SODA	Kg	25
CLAYCAP	Kg	6827
KCL	Kg	8200
PACSEAL L V	Kg	12504
PACSEAL REG	Kg	1668
POT HYD	Kg	175
SOD BICARB	Kg	750
SODA ASH	Kg	550
XC-POLYMER	Kg	2833
BRINE	l	563000
DRILLING DET	l	200
PROPAC	l	400
Drilling of 8 1/2" hole		

BARITE	Kg	406000
BICARBONATE	Kg	4425
CLAYCAP	Kg	3359
LIGSEAL	Kg	1400
MILSPOT	Kg	675
PACSEAL L V	Kg	2753
PACSEAL REG	Kg	1038
SHALETROL	Kg	3000
SODA ASH	Kg	675
TEMPROL	Kg	1375
THERMOPOL	Kg	907
XC-POLYMER	Kg	1285
BRINE	l	133000
CARBOMUL	l	208
DRILLING DET	l	624
MILFREE	l	208