

Regulation 8

THE NORTHERN TERRITORY OF AUSTRALIA

IN 73/456

Control of Waters Ordinance

WR4/3

FINAL STATEMENT OF BORE RN 20614

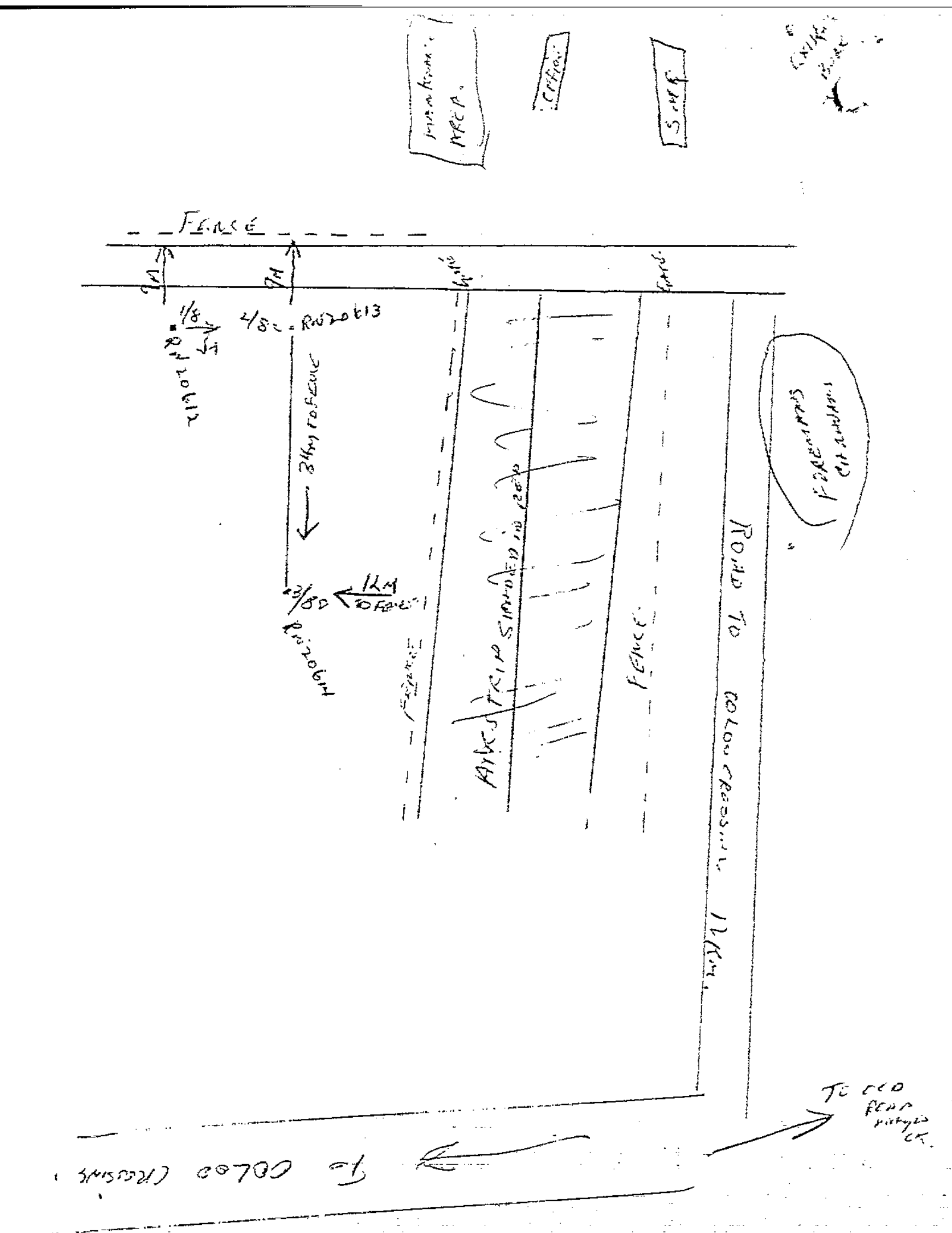
OBSERVATION BORE ONLY. 48" STILLSONS AT 34.1-35M.

From To Description of Strata	Name of Bore —
0 - 6.6m RED SANDY TOPSOIL.	DOUGLAS DAIRY EXP STATION 3/80
6.6 - 7m. SHALE	Name of Property —
7 - 10.3 HARD SILICIFIED SANDSTONE	DOUGLAS DAIRY EXP STATION
10.3 - 14 FRACTURED AND CAVERNOUS SANDSTONE RETURNS WITH LIMESTONE	Description of Property —
14 - 86.72 NO RETURNS DRILL BLIND FRACTURES & CRACKS WITH VERY HARD BMS	RESEARCH STATION
	Name of Owner —
	C OF A.
	Name of Contractor —
	WATER DID.
	Name of Driller —
	B. STALL
Location of Bore (or supply sketch on the back hereof) —	Date of Commencement —
.....Miles	11/12/80
(a) S SE of (b).....	Date of Completion —
E NW	19/12/80
W SW	Total Depth —
(a) Circle appropriate direction.	86.72m.
(b) Use known point such as existing bore, homestead, outstation, etc.	Particulars of Casing —
	10 3/4" - 0-2m. 5X 6.02m LENGTHS
	0 - 35m 4.9m LENGTHS
	0 - 35m 6 5/8" casing w/ shoe.
Additional information of interest about bore.	Particulars of Perforations or Screens —
Grid Reference 361-678	
Map Number 1:100,000 SHEET 5170 'TIPPERARY'	
Samples of Strata and Water Supplies	
have been* will be	Water 1st Supply 2nd Supply 3rd Supply
left at the following place —	UNKNOWN
TATE VL WINNELLIE DEPOT.	Struck at
Signature 27/5/96	
*Delete non applicable 73 6471/8469184	Standing Water Level
EK/RF GPS	16.88m.
For Office use only	Pumping Supply Litres/sec
Plotted 6/1/81	15 LPS.
	Duration of Pump Test
	1 hour.
	Water Level During Test
	Quality: Good, Fair or Bad
	FAIR

90115-1/78

C. J. THOMPSON, Commonwealth Government Printer, Darwin

RN020614



456 / 73

STANDING WATER LEVEL MONITORING

RN: 20614

STARTING DATE: 22 AUG 1985

LEVELS AVAILABLE FROM GROUNDWATER MANAGEMENT OR FROM COMPUTER
DATA STORAGE.

53.

OPERATOR	T.Q.
DATE	4/05/81
GAMMA RAY	✓
RESISTIVITY	
S.P.	
CALIPER	
TEMP.	
GAMMA GAMMA	

73/456
RN 11-014

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BORE No. Douglas Daily Exp STA RN 20614 3/80

Driller: B. Small

DATE 19/12/80

[illegible]



WR 9/1

DRILLERS LOG

DATE _____

11/12/80

BORE No.

RR 20614 DOUG DAILY EXP FARM 3/30

Driller:

10 STALL PLANT

[illegible]

DATE _____

12/12/80

BORE No.

BORE No. RN 20614 DOUG Dwyg RLY. FRY 3/8

Driller:

12 STRAW / PLASTER

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WR 9/1

DRILLERS LOG

DATE 13/12/80 BORE No. RN20614 DOUG. DAILY EXT. STA 9/80 Driller: B. STALL/PLUMMER

Time	Depth	M Spot drilled	Mins lapsed	Drillers remark, casing details	BIT DATA				STRING DATA				MUD DATA	
					No.	Size	Type	Worn cond'n	Item	O.D.	Length	Prog. tally		
0730				Fuel rig & comp. Adjust sandline clutch for 6 1/2" DC									104 ft.	
0800				Drip down		10"	cutting magn.		7magn.	8"	1.40	1.40		
0818				Run into hole. hole ball filled to 13.5					DC	6 1/2"	6.02	7.42		
0825	14m.			Add stable fracture at 14.5-14.6					DC	4 1/2"	3.00	10.42		
				fracture 15.34-15.54 fracture at 15.7-15.8					stab	6 3/4"	.92	11.34		
				no returns coming using stiff foam cavity from 15.8-16.5										
0950	17.54	3.54	85	Stop Check hole					DP	3 1/2"	6.10	17.44		
0958				Add DP fractured cavity continues to 17.9										
				continues small hard sands intermittently										
1040	23.64			Stop pull back to pull stab off pipe ball and Kelly. Brush pipe stab								7.42		
						3 1/2" pin	2 3/8" stop		stab	4 1/2"	.15	7.57		
									DP	3 1/2"	6.10	13.67		
									DP	3 1/2"	6.10	19.77		
						2 7/8" stop	3 1/2" pin		stab	4 1/2"	.15	19.92		
1145	23.64			Resume drilling still very tight & fringed at 23m		3 1/2" box	2 7/8" pin		stab	4 1/2"	.20	20.18		
				Hard drilling again at 24.18m										
1249	26.38	2.74	64	Stop										
1250				Drip out check hammer and check piston and bit.										
1330				Drip down										
1400				Still unable to make connection 14.45 Drip out.										
1500				Shut down collect fresh fill for 2400										
1500				Stop										

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WR 9/1

14/12/80 Sunday.

DRILLERS LOG

DATE

15/12/80

BORE No. RN20614 DOUG DALY EXP. FIRM 8/80

Driller:

B. STALL / P. CARROLL

Time	Depth	Foot drilled	Mins elapsed	Drillers remark, casing details	BIT DATA				STRING DATA				MUD DATA		
					No.	Size	Type	Worn cond'n	Item	O.D.	Length	Prog. tally			
0730				Service Rig. Run 5/2 way.											
				Break down and clean and oil - Pan in hammer would 'hold' bit											
0900	26.4			Imp. on		3 1/2"	Ball	10%	Hammer	3 1/2"	1.20	1.20			
				DC					DC	4 1/2"	5.92	7.17			
						3 1/2"	2/3 box		Sub.	6 1/2"	.15	7.32	10L	Form	
									DP	3 1/2"	6.00	13.42			
									DP	3 1/2"	6.10	19.52			
									DP	3 1/2"	6.10	25.62			
1145	31.82	5.42	30	Commence drill - fractured and cavernous throughout no returns											
				Add DP comm drill still small cavities					DP	3 1/2"	6.10	31.72			
	37.92	6.10	30	but more fractured still no returns Stop											
				Check hole Add DP still fractured throughout					DP	3 1/2"	6.10	37.82			
				with small cavities still no returns											
	44.02	6.10	25	Stop check hole					DP	3 1/2"	6.10	43.92			
1053	50.12	6.10		Add DP cont. still fractured and cavernous											
1138	50.12	6.10	45	Stop check hole Add DP same no returns.					DP	3 1/2"	6.10	50.02			
1207	56.22	6.70	29	Stop same no returns					DP	3 1/2"	6.10	56.12			
1240	62.32	6.70	33	Stop "					DP	3 1/2"	6.10	62.22			
1313	68.42	6.70	33	Stop "					DP	3 1/2"	6.10	68.32			
1333	74.52	6.70	20	Stop "					DP	3 1/2"	6.10	74.42			
	80.62	6.70		Stop "					DP	3 1/2"	6.10	80.52			
1450	86.72	6.10		Stop softer smoother hammering from 85.72											
1500				Imp. on											
1530				Depth hole and try to determine											
				SWL											
1630				Shut down											

WR 9/1

DRILLERS LOG

DATE

18/12/80

BORE No.

DOUGLAS DAIRY EXP. STA 2/80 RN 20614

Driller:

B. STALL/PLANNED

Time	Depth	Feet drilled	Mins lapsed	Drillers remark, casing details	BIT DATA				STRING DATA				MUD DATA		
					No.	Size	Type	Worn cond'n	Item	O.D.	Length	Prog. tally			
0430				Service Rig & Equipment. Trip out using scorpion. Steel sec 2. spots above water table. Prepare to run 8" hammer.											
						8"	Butter		Meq	8"	1.40	1.40			
									Steel	7 3/4"	.92	2.32			
						3 1/2 pin - 4 1/2 box			Sub	5 1/2"	.18	2.50			
									DC	6 1/2"	6.02	8.52			
						4 1/2 pin - 3 1/2" Box			Sub	5 1/2"	.20	8.72			
									Steel	7 3/8"	3.00	11.72			
									Steel	6 3/4"	.92	12.64			
						3 1/2 pin 2 3/8" Box			Sub	4 1/2"	.15	12.79			
									DP	3 1/2"	6.10	18.89			
						Kelly sub.									
						2 3/8 Box - 2 1/2 pin			Sub	4 1/2"	.15	19.04			
						3 1/2 Box 2 3/8 pin			Sub	4 1/2"	.26	19.30			
1400	31.50			Run 8" hole to 25.4 actually chd.					DP	3 1/2"	6.10	25.40			
1415	35.5			Add DP Run 8" hole to 31.50					DP	3 1/2"	6.10	31.50			
				Add DP Run to 35.50											
				Trip out Run 6 5/8 casing											
				Try to work down past 17.8m mark very tight and sticky. Pull out											
1300				Shut down.											

DATE _____

49/12/20

BORE No. DOUGLAS DPM4EXP5743/PORN20614

Driller: B STAN PLAND

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Regulation 8		THE NORTHERN TERRITORY OF AUSTRALIA	IN 73/456			
		Control of Waters Ordinance	WR4/3			
FINAL STATEMENT OF BORE RN 20614						
OBSERVATION BORE ONLY. 48" STILLSONS AT 34.1-38M.						
From	To	Description of Strata	Name of Bore —			
0 - 6.6M		RED SANDY TOPSOIL.	DOUGLAS DAIRY EXP STATION 3/80			
6.6 - 7M		SHALE	Name of Property —			
7 - 10.3		HARD SILICIFIED SANDSTONE	DOUGLAS DAIRY EXP STATION			
10.3 - 14		FRACTURED AND CAVERNOUS SANDSTONE RETURNS WITH LIMESTONE	Description of Property —			
			RESEARCH STATION			
14 - 86.72		NO RETURNS DRILL BLIND FRACTURES & CAVITIES WITH VERY HARD BAND	Name of Owner —			
			C OF A.			
			Name of Contractor —			
			WATER DIV.			
			Name of Driller —			
			B. STALL			
Location of Bore (or supply sketch on the back hereof) —			Date of Commencement —			
.....Miles			11/12/80			
(a) S SE of (b).....			Date of Completion —			
E NW			19/12/80			
W SW			Total Depth —			
(a) Circle appropriate direction.			86.72M.			
(b) Use known point such as existing bore, homestead, outstation, etc.			Particulars of Casing —			
Additional information of interest about bore.			10 3/4" - 0-2M. 5X 6.02M LENGTHS.			
Grid Reference 361-678			0 - 35M 6 5/8" CASING w/ shoe.			
Map Number 1:100,000 SHEET 5170 'TIPPERARY'			Particulars of Perforations or Screens —			
Samples of Strata and Water Supplies			Water	1st Supply	2nd Supply	3rd Supply
have been* will be			UNKNOWN			
left at the following place —			Struck at			
TATE VL WINNELLIE DEPOT.			Standing Water Level			
Signature 27/5/96			16.88M.			
*Delete non applicable 7366371/8469355			Pumping Supply			
EK/RF GPS			Litres/sec 15 LPS.			
For Office use only			Duration of Pump Test			
PATRICK GRAY GPS 7366371 8469355N			1 hour.			
ROGER FARROW SAME GDA94			Water Level During Test			
26/5/08			Quality: Good, Fair or Bad			
			Fair			
90115-1/78			*RNC2051.4*			
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