

● OBS 3

1215'

● OBS 2

620'

● OBS 1

108'

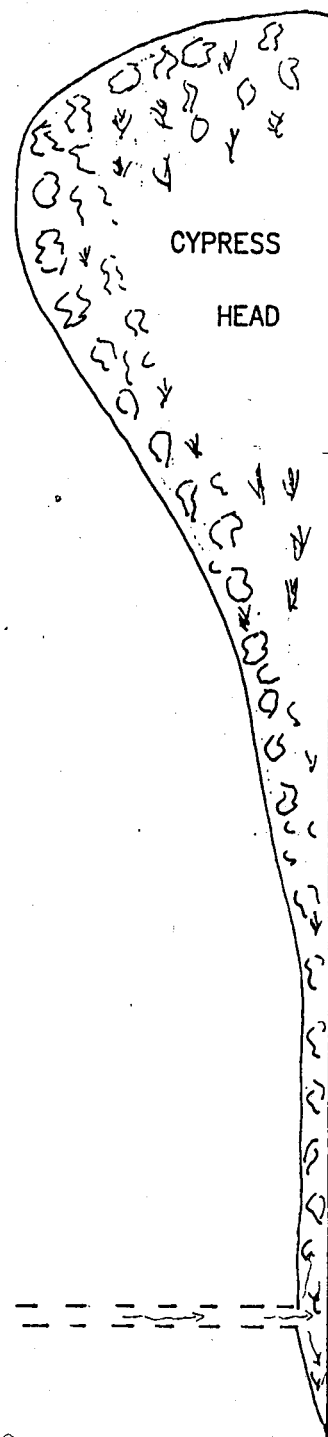
TPW

500'

LINED DITCH



SCALE
1"=200'



EXPLANATION

- PUMPED WELL
- OBSERVATION WELL

SCHEMATIC DIAGRAM OF TEST SET-UP

APRIL 1988

DRAWN BY: GM

CROW'S NEST SOUTH

Murray-Milleson Inc.

FIGURE 5

WELL NO.	METHOD	TRANSMISSIVITY (gpd/ft)	STORAGE COEFFICIENT	LEAKANCE (gpd/cu ft)
OBS 1	Curve Matching	769,457	0.00012	0.026
	Straight Line	861,667	0.00015	
	Recovery	940,000		
OBS 2	Curve Matching	673,275	0.00020	0.070
	Straight Line	849,863	0.00016	
OBS 3	Curve Matching	1,035,808	0.00017	0.007
	Straight Line	1,107,857	0.00016	
	Recovery	1,266,122		
TPW	Straight Line	954,461		
	Distance-Drawdown	717,225	0.00074	0.073

SUMMARY OF AQUIFER CHARACTERISTICS

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CROW'S NEST SOUTH

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TABLE 3

WELL	AVERAGE SPECIFIC CAPACITY	AVERAGE CORRECTED SPECIFIC CAPACITY
TPW	246.6 GPM/FT	389.7 GPM/FT
OBS 3	176.7 GPM/FT	262.0 GPM/FT
47-31-1-1	63.8 GPM/FT	247.8 GPM/FT

SPECIFIC CAPACITY FROM STEP-DRAWDOWN TESTS

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CROW'S NEST SOUTH

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TABLE 4

	TPW	OBS 1	OBS 2	OBS 3
Diameter (Inches)	12	4	4	12
Cased Depth (Feet)	65	65	65	65
Total Depth (Feet)	105	105	90	105
Casing Type	PVC	PVC	PVC	PVC
Finish	No. 45 Slot Screen	No. 40 Slot Screen	Open Hole	No. 45 Slot Screen

CONSTRUCTION DETAILS OF TEST WELLS

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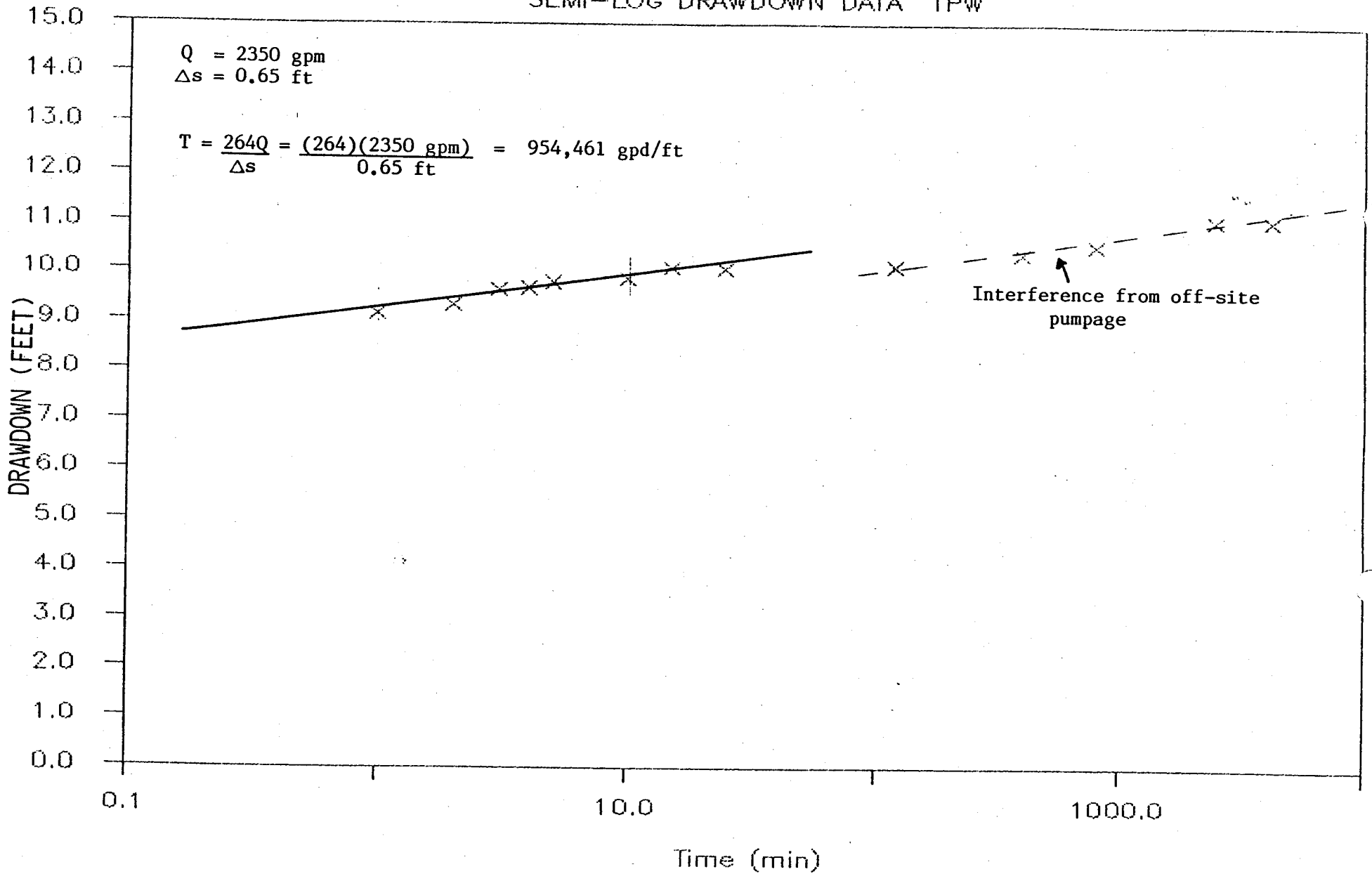
CROW'S NEST SOUTH

Murray-Milleson Inc.

TABLE 2

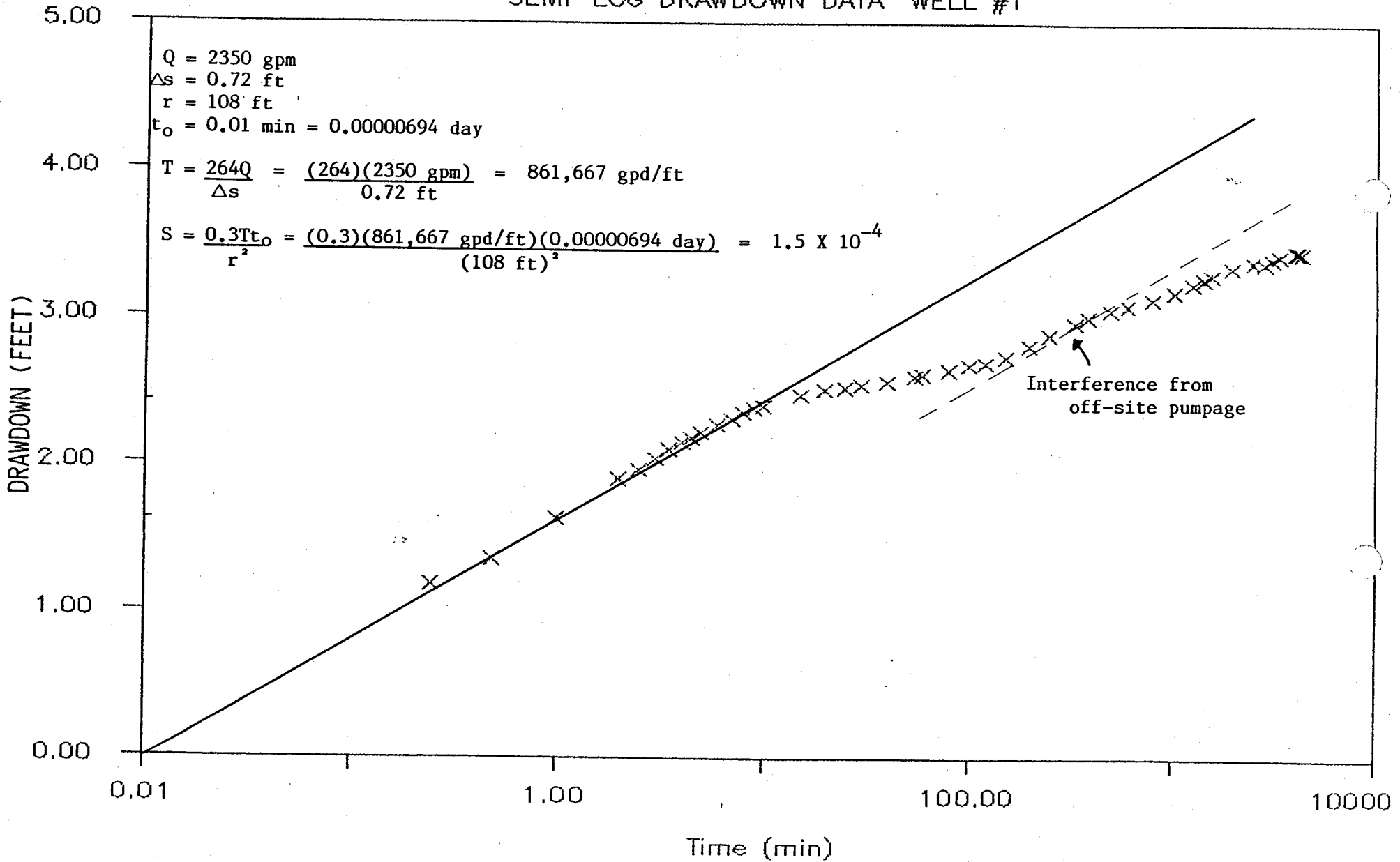
CROW'S NEST APT

SEMI-LOG DRAWDOWN DATA TPW



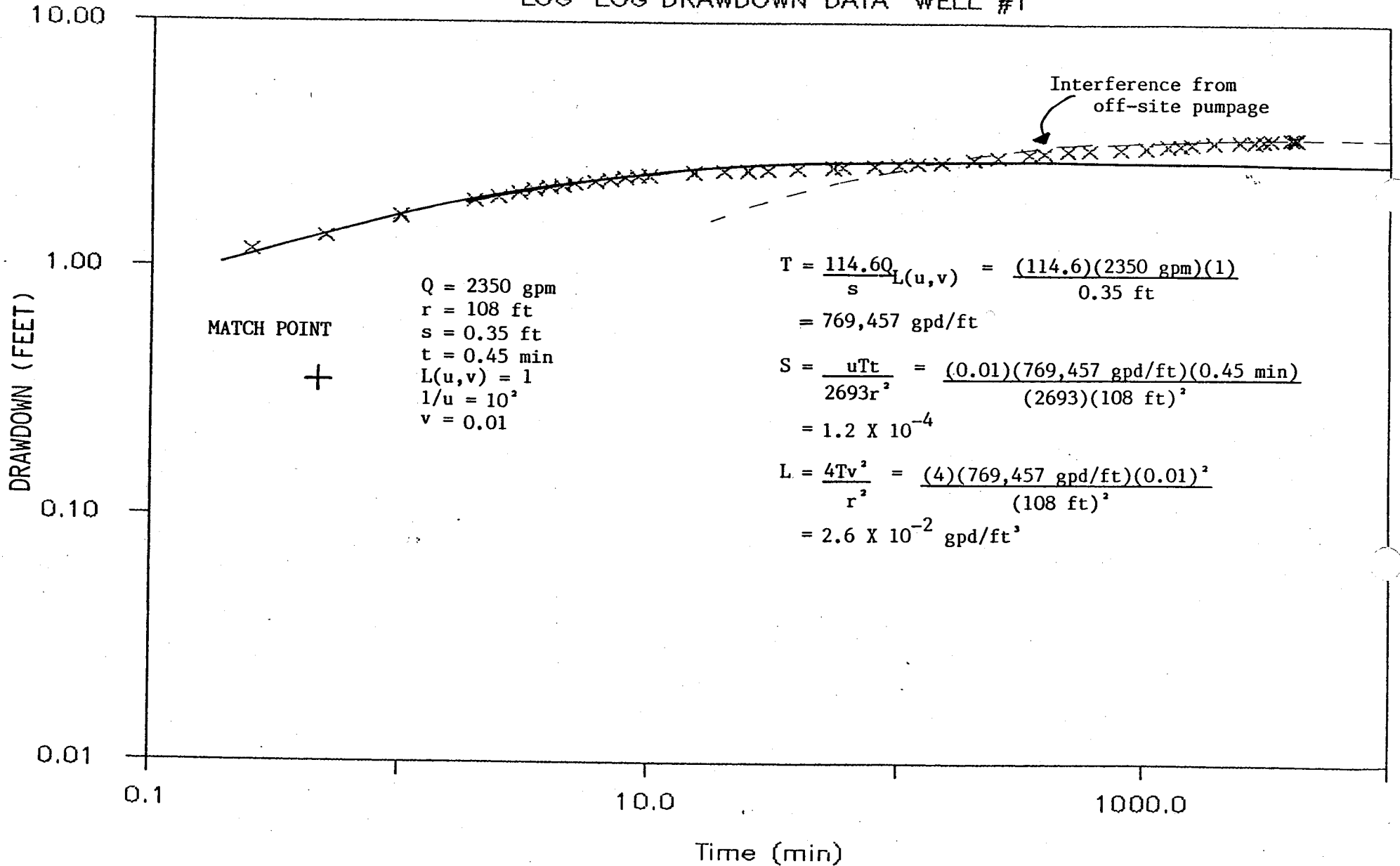
CROW'S NEST APT

SEMI-LOG DRAWDOWN DATA WELL #1



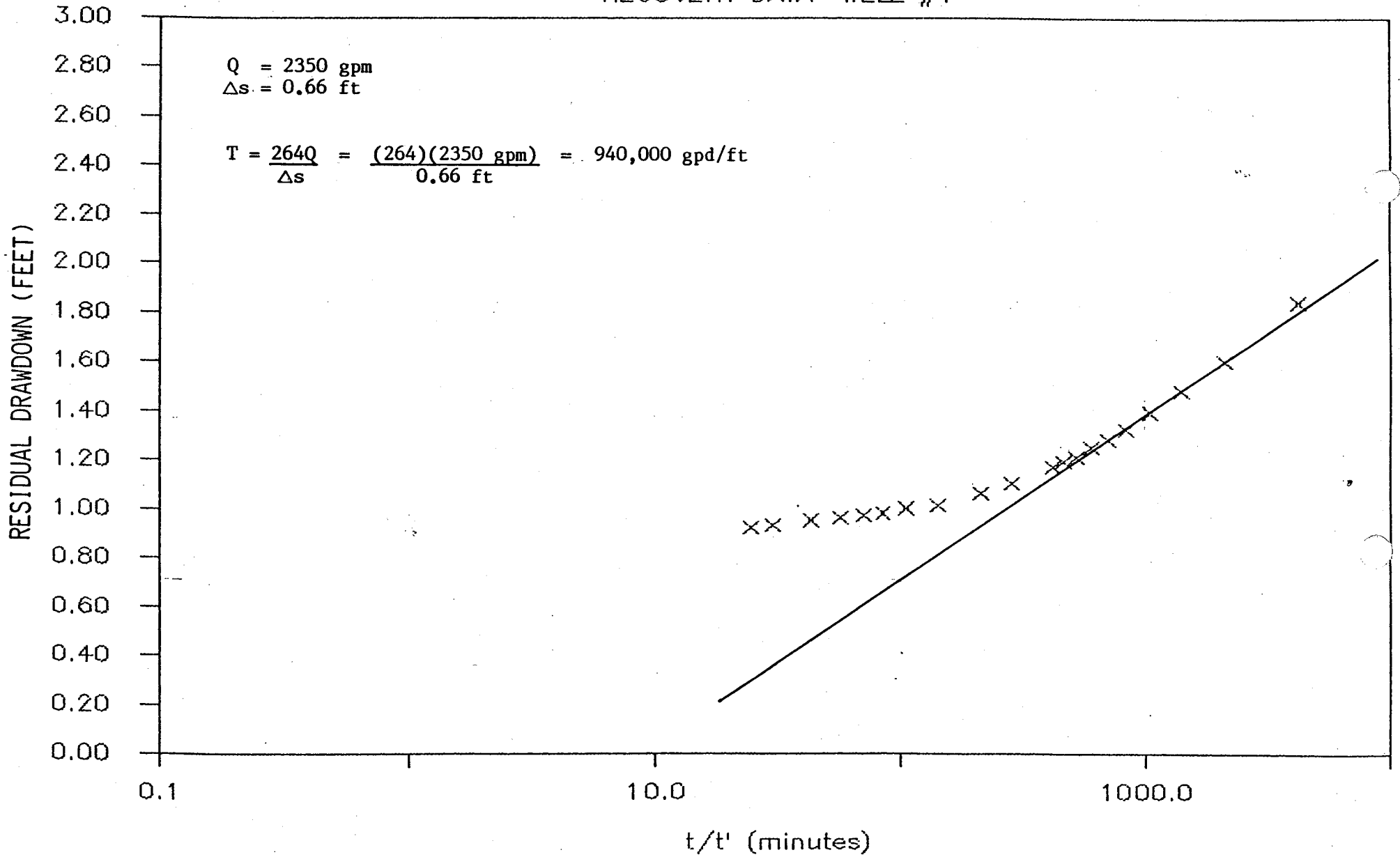
CROW'S NEST APT

LOG-LOG DRAWDOWN DATA WELL #1



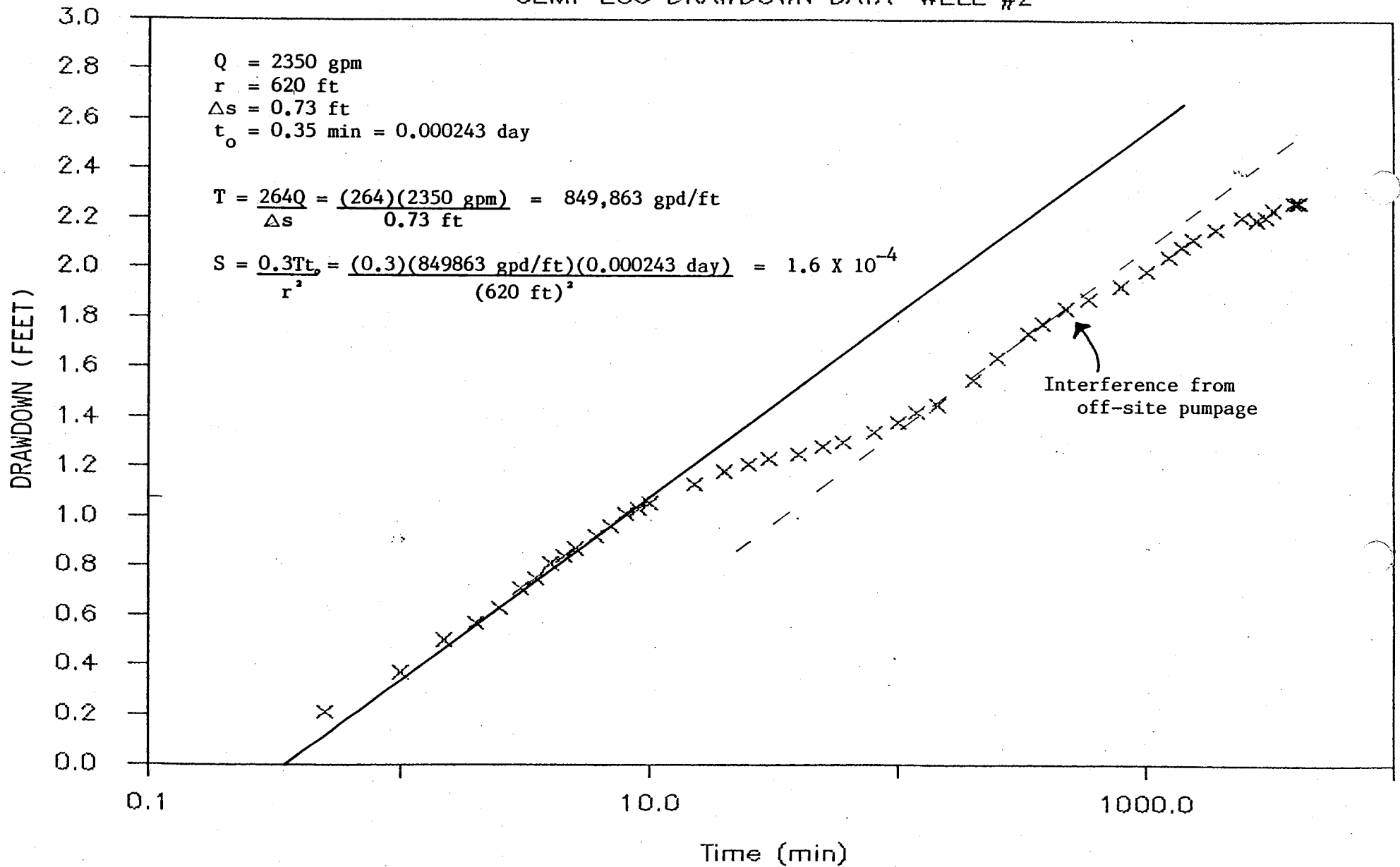
CROW'S NEST APT

RECOVERY DATA WELL #1



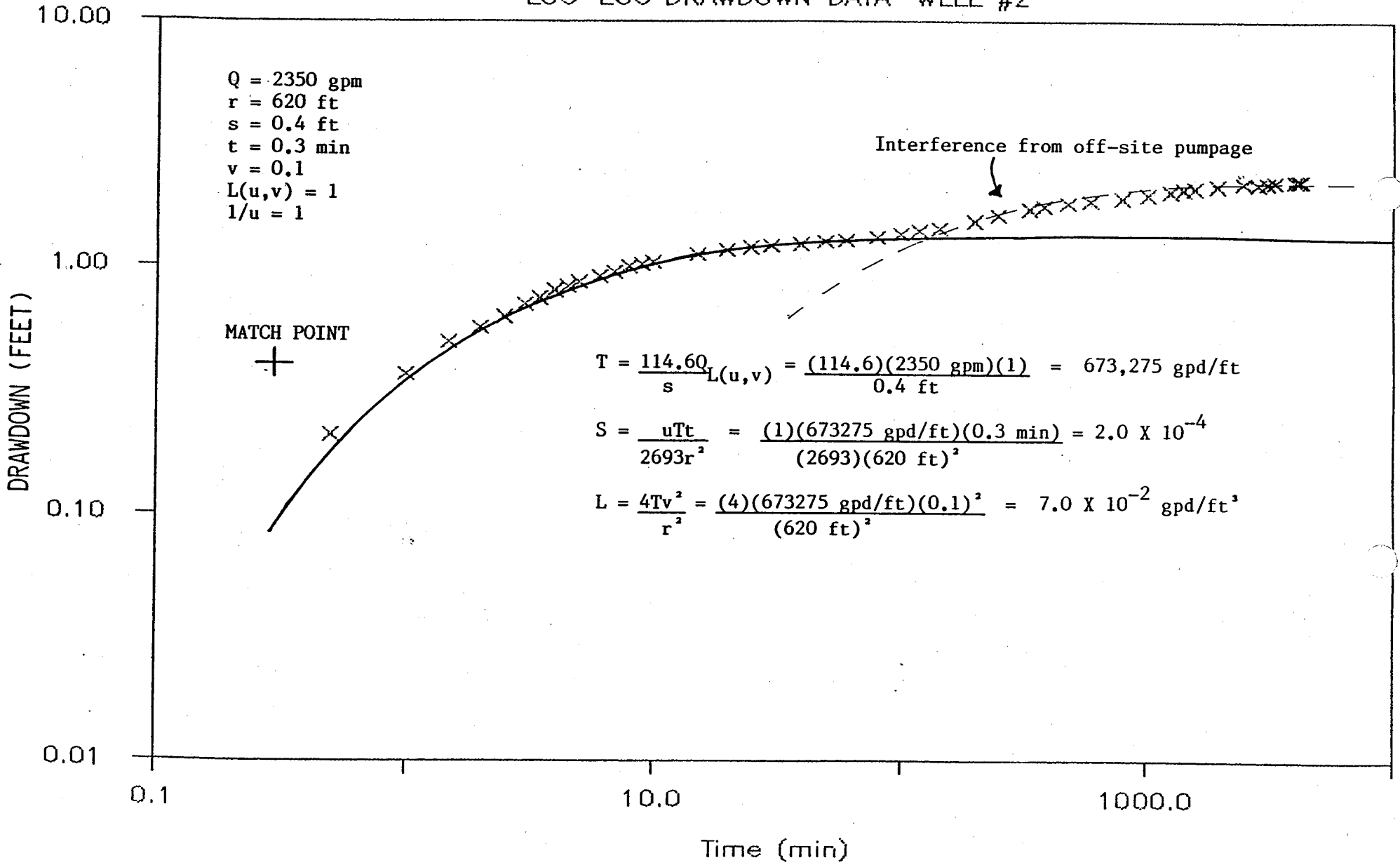
CROW'S NEST APT

SEMI-LOG DRAWDOWN DATA WELL #2



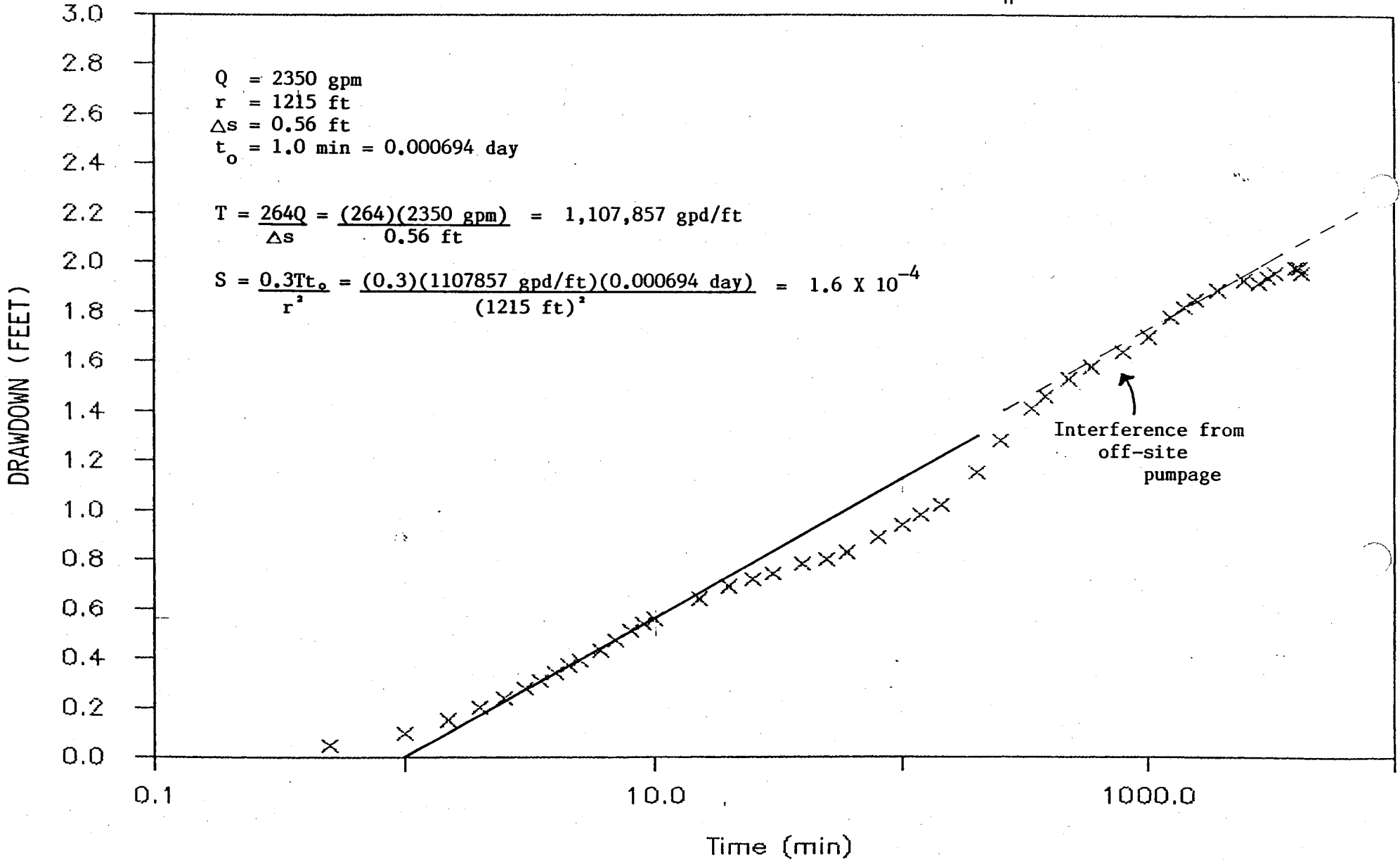
CROW'S NEST APT

LOG-LOG DRAWDOWN DATA WELL #2



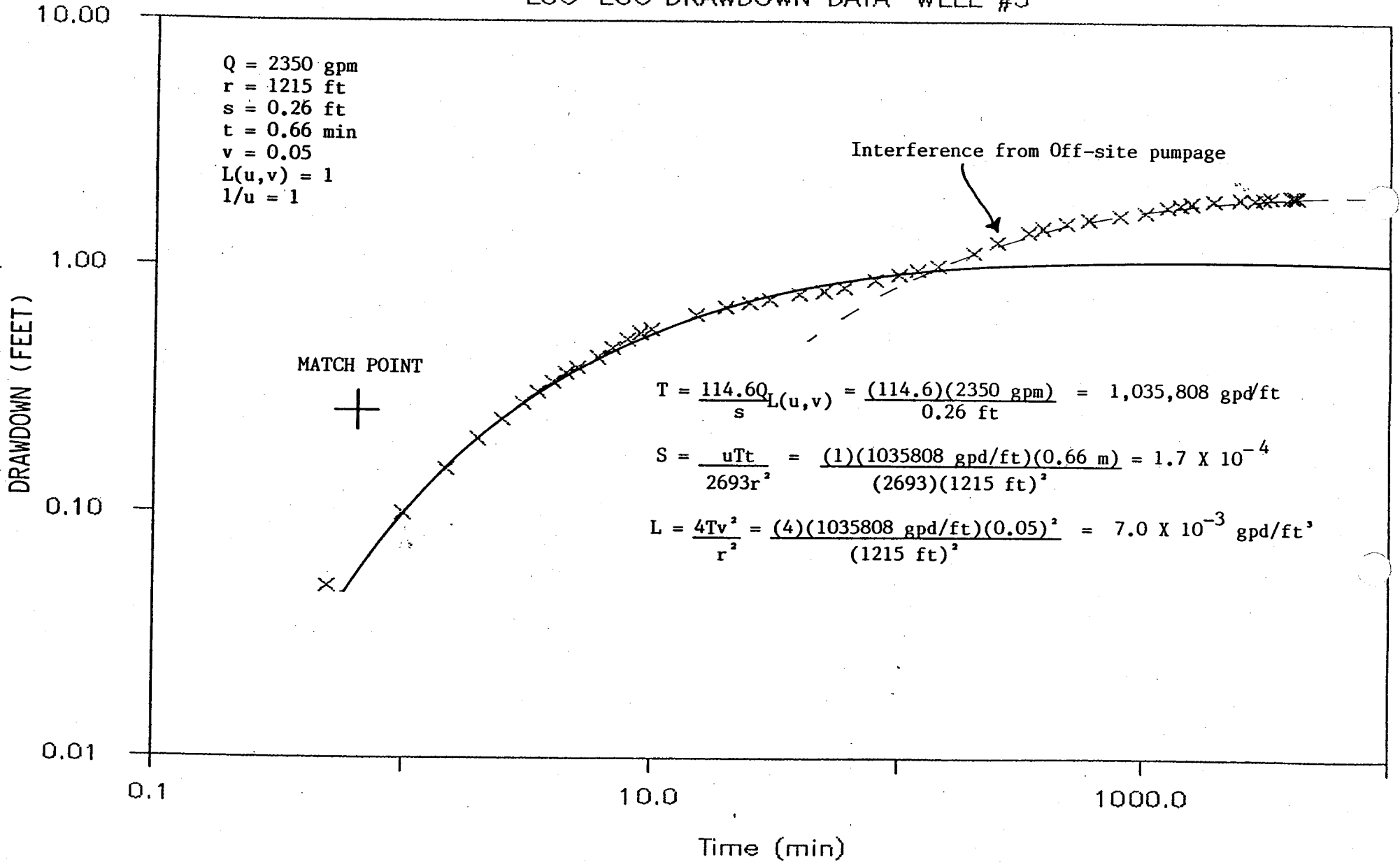
CROW'S NEST APT

SEMI-LOG DRAWDOWN DATA WELL #3



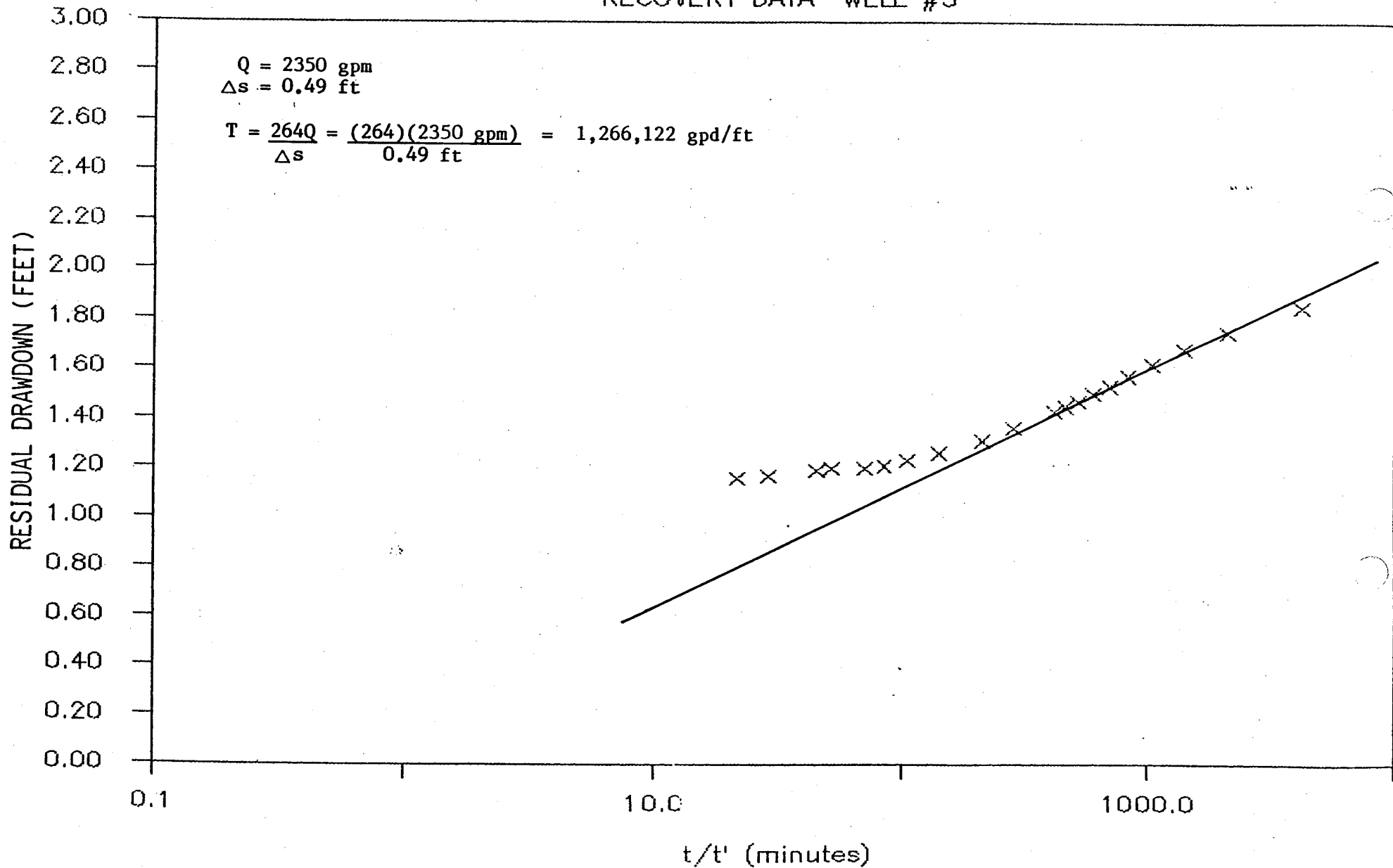
CROW'S NEST APT

LOG-LOG DRAWDOWN DATA WELL #3



CROW'S NEST APT

RECOVERY DATA WELL #3



CROW'S NEST APT

DISTANCE-DRAWDOWN DATA

