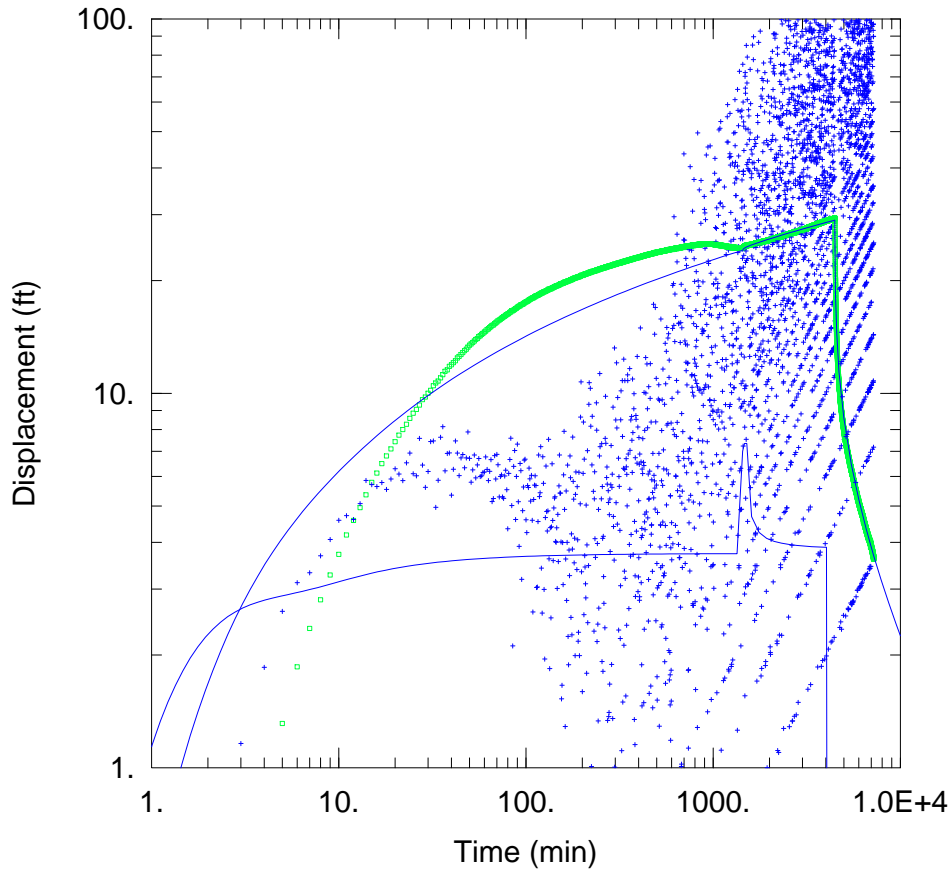


APPENDIX A

Type Curve Matches



WELL TEST ANALYSIS

Data Set: N:\...\5S-KM1_Drawdown_Hantush-Jacob.aqt
 Date: 04/22/13 Time: 15:16:22

PROJECT INFORMATION

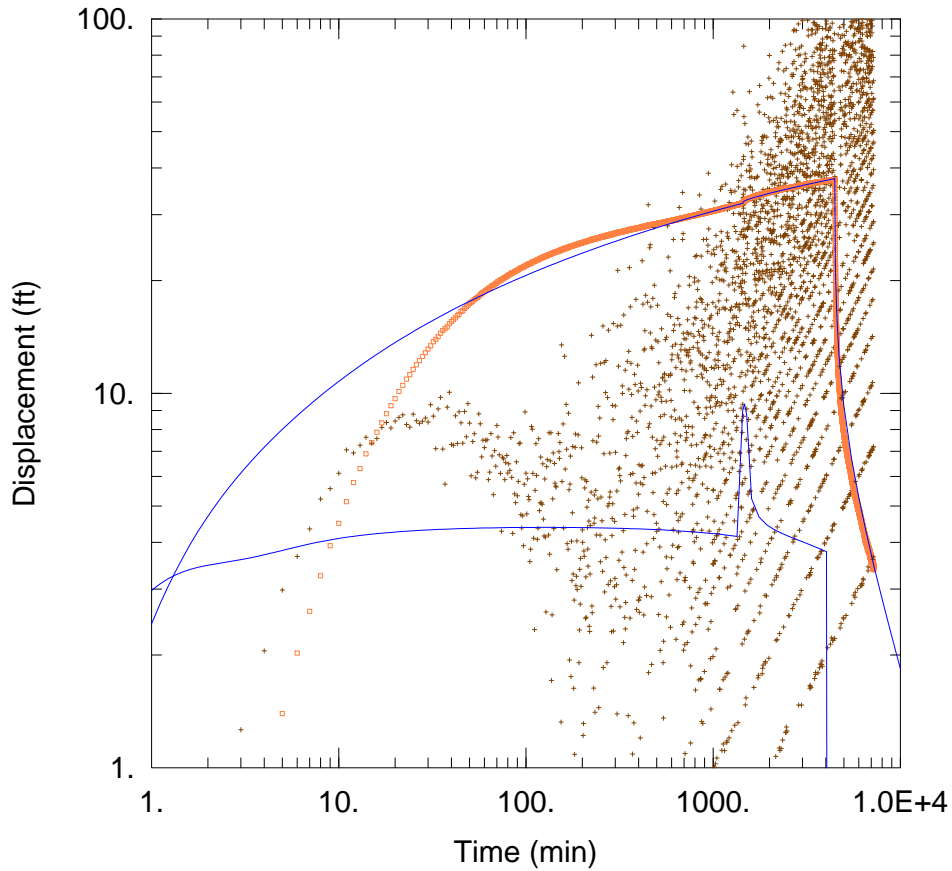
Company: Petrotek
 Client: UR Energy
 Location: Lost Creek ISR Project
 Test Well: 5-Spot Comp. KLM Testing
 Test Date: October 2012

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
5S-KM3	2213985.8	595579	5S-KM1	2213950	595640

SOLUTION

Aquifer Model: <u>Leaky</u>	Solution Method: <u>Hantush-Jacob</u>
T = <u>114.8 ft²/day</u>	S = <u>0.000117</u>
1/B = <u>1.589E-5 ft⁻¹</u>	Kz/Kr = <u>1.</u>
b = <u>115. ft</u>	



WELL TEST ANALYSIS

Data Set: N:\...\5S-KM2_Drawdown_Hantush_Jacob.aqt
 Date: 04/22/13 Time: 15:18:54

PROJECT INFORMATION

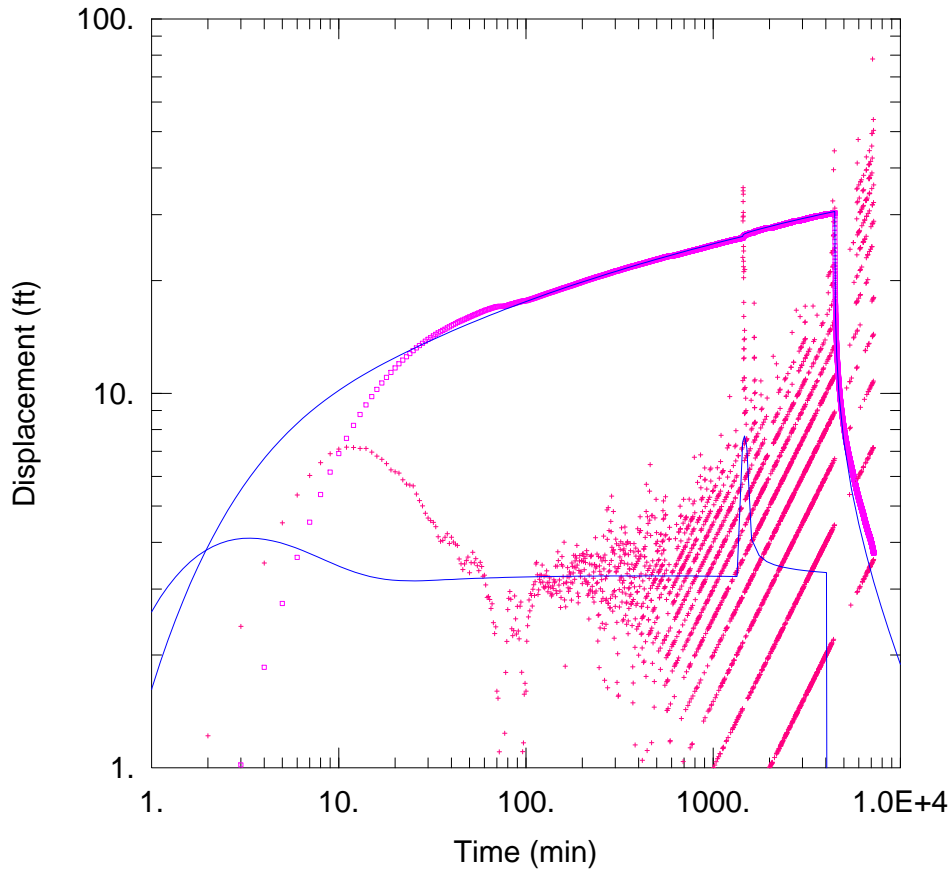
Company: Petrotek
 Client: UR Energy
 Location: Lost Creek ISR Project
 Test Well: 5-Spot Comp. KLM Testing
 Test Date: October 2012

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
5S-KM3	2213985.8	595579	5S-KM2	2214046	595610

SOLUTION

Aquifer Model: <u>Leaky</u> $T = 96.59 \text{ ft}^2/\text{day}$ $1/B = 0.0001881 \text{ ft}^{-1}$ $b = 115. \text{ ft}$	Solution Method: <u>Hantush-Jacob</u> $S = 4.717E-5$ $Kz/Kr = 1.$
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WELL TEST ANALYSIS

Data Set: N:\...\5S-KM4_Drawdown_Hantush-Jacob.aqt
 Date: 04/22/13 Time: 15:18:16

PROJECT INFORMATION

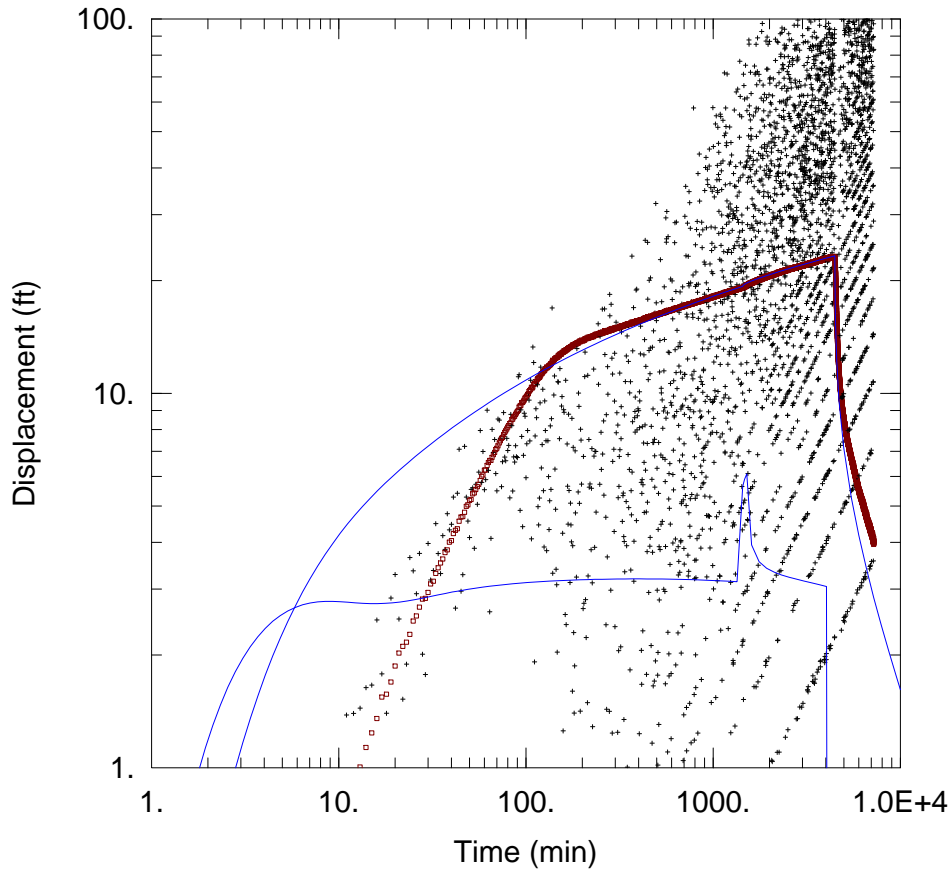
Company: Petrotek
 Client: UR Energy
 Location: Lost Creek ISR Project
 Test Well: 5-Spot Comp. KLM Testing
 Test Date: October 2012

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
5S-KM3	2213985.8	595579	5S-KM4	2213955	595563

SOLUTION

Aquifer Model: <u>Leaky</u> $T = 131.2 \text{ ft}^2/\text{day}$ $1/B = 0.0001437 \text{ ft}^{-1}$ $b = 115. \text{ ft}$	Solution Method: <u>Hantush-Jacob</u> $S = 0.0003264$ $Kz/Kr = 1.$
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WELL TEST ANALYSIS

Data Set: N:\...\KPW-1A_Drawdown_Hantush-Jacob.aqt

Date: 04/22/13

Time: 15:17:38

PROJECT INFORMATION

Company: Petrotek

Client: UR Energy

Location: Lost Creek ISR Project

Test Well: 5-Spot Comp. KLM Testing

Test Date: October 2012

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
5S-KM3	2213985.8	5955579

Observation Wells

Well Name	X (ft)	Y (ft)
• <u>KPW-1A</u>	2213927	5955550

SOLUTION

Aquifer Model: Leaky

Solution Method: Hantush-Jacob

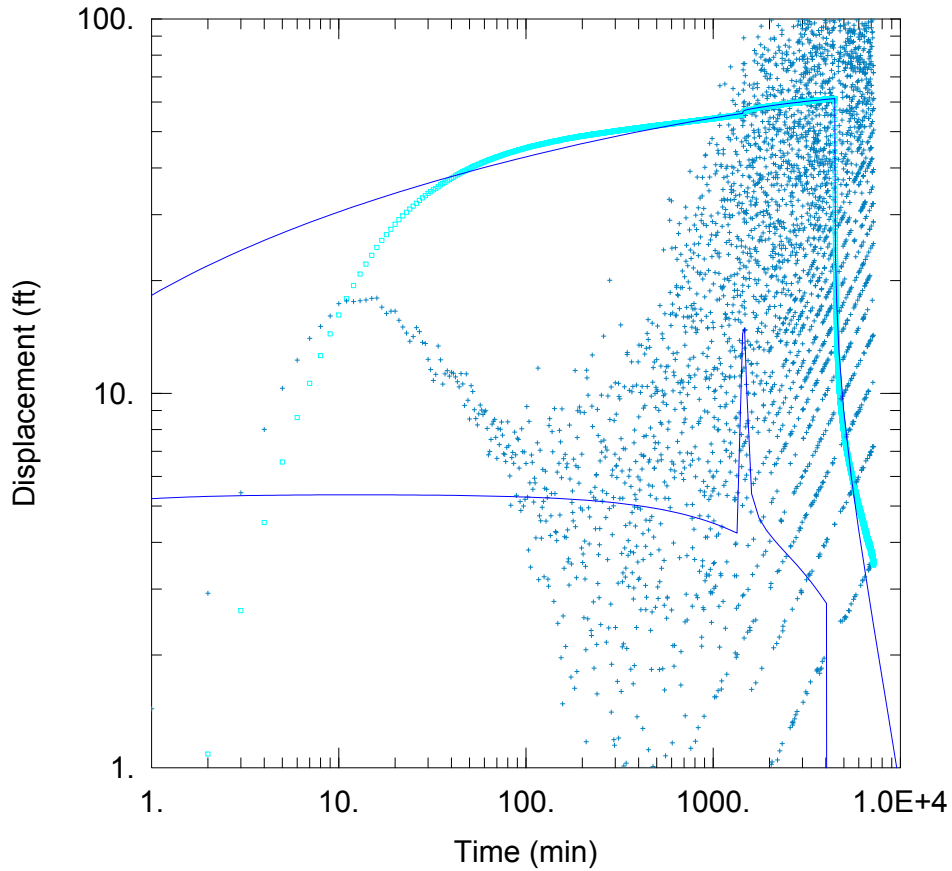
T = 131.5 ft²/day

S = 0.0003492

1/B = 0.0003164 ft⁻¹

Kz/Kr = 1.

b = 115. ft



WELL TEST ANALYSIS

Data Set: N:\...M-UKM1_Drawdown_Hantush-Jacob.aqt

Date: 04/30/13

Time: 12:35:51

PROJECT INFORMATION

Company: Petrotek

Client: UR Energy

Location: Lost Creek ISR Project

Test Well: 5-Spot Comp. KLM Testing

Test Date: October 2012

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
5S-KM3	2213985.8	5955579

Observation Wells

Well Name	X (ft)	Y (ft)
• <u>M-UKM1</u>	2214017	595516

SOLUTION

Aquifer Model: Leaky

Solution Method: Hantush-Jacob

T = 79.72 ft²/day

S = 1.252E-6

1/B = 6.357E-5 ft⁻¹

Kz/Kr = 1.

b = 115. ft